STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

B. TYPE OF WELL: OIL ☐ GAS ☒ OTHER ~~H2O DISPOSAL~~ SINGLE ZONE ☐ MULTIPLE ZONE ☑

7. UNIT or CA AGREEMENT NAME: N/A

2. NAME OF OPERATOR: J. M. HUBER CORPORATION

8. WELL NAME and NUMBER: HUBER-STATE 1-35 WDW

3. ADDRESS OF OPERATOR: 1050 17th ST, #700 CITY DENVER STATE CO ZIP 80265

PHONE NUMBER: 303 825-7900

9 FIELD AND POOL, OR WILDCAT: Undesignated ~~WILDCAT~~

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 540 FSL & 1135 FWL 4406958 N 519029 E

AT PROPOSED PRODUCING ZONE: SAME

10. QTR/QTR SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW35 11s 10e SL

13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 10 AIR MILES NNE OF HELPER

11. COUNTY: DUCHESNE

12. STATE: UTAH

14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 540'

15. NUMBER OF ACRES IN LEASE: 240

16. NUMBER OF ACRES ASSIGNED TO THIS WELL: N/A

17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): N/A

18. PROPOSED DEPTH: 6,500'

19. BOND DESCRIPTION: STATE WIDE 929103264

20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 7,250 GR

21. APPROXIMATE DATE WORK WILL START: ONAPPROVAL

22. ESTIMATED DURATION: 2 WEEKS

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4	9-5/8 K-55 36#	2,000'	CLASS G 1,500 SX 1.20 15.6
8-3/4	7 N-80 26#	6,500'	CLASS G 140 SX 1.20 15.6
8-3/4	7 N-80 26#	6,500'	50/50 POZ 775 SX 1.87 12.7

RECEIVED
OCT 09 2001
DIVISION OF
OIL, GAS AND MINING

24. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT): BRIAN WOOD (505) 466-8120 TITLE: CONSULTANT

SIGNATURE: Brian Wood DATE: 9-29-01

(This space for State use only)

API NUMBER ASSIGNED: 43-013-32308

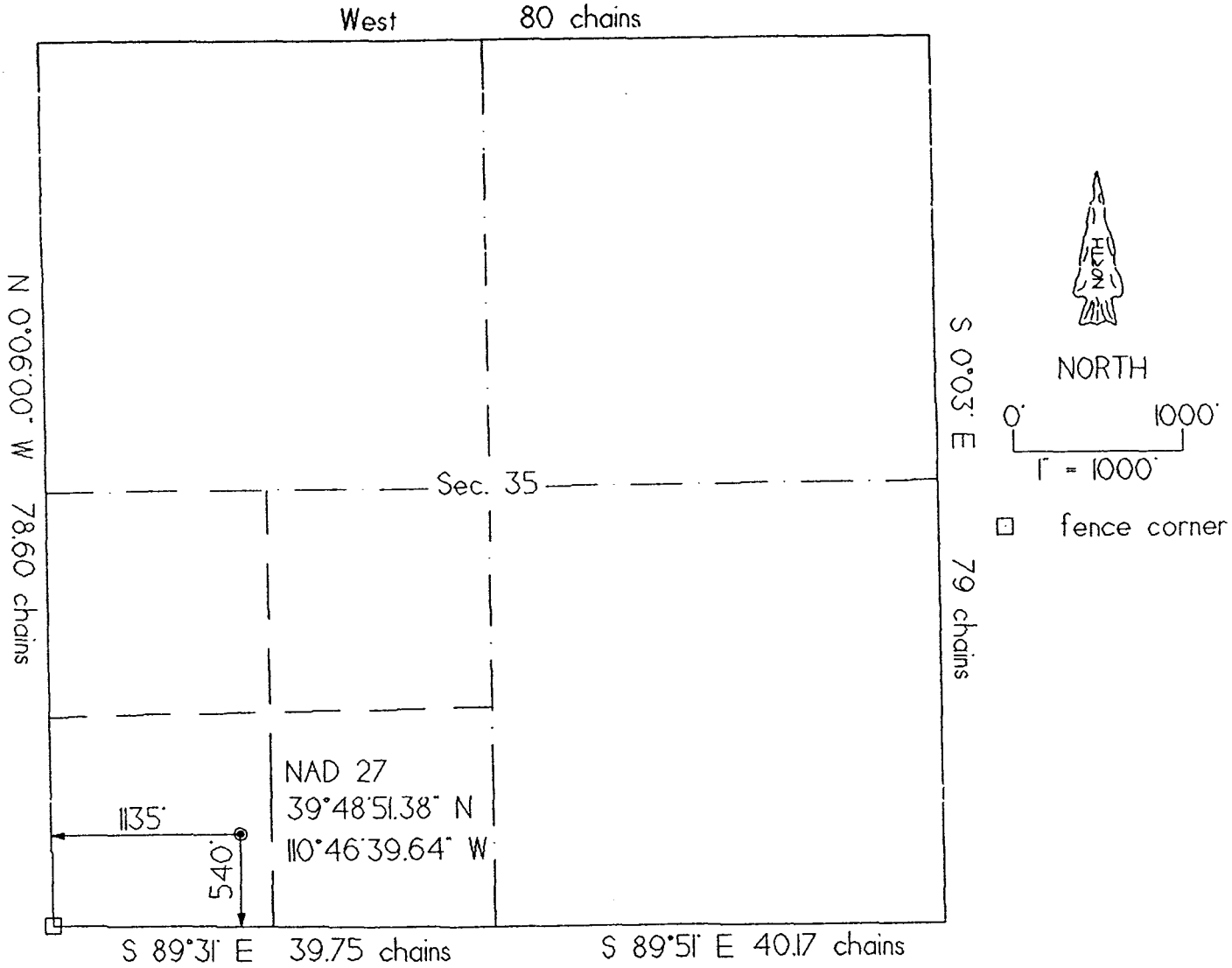
APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 11-28-01
By:

(5/2000)

(See Instructions on Reverse Side)

Well Location Plat



Well Location Description

J.M. HUBER CORPORATION
Huber - State #1-35 W.D.W.
540' FSL & 1135' FWL
Section 35, T.11 S., R.10 E., SLM
Duchesne County, UT
7250' grd. el. (from GPS)

REGISTERED LAND SURVEYOR
GERALD G. HUDDLESTON
No. 161297
STATE OF UTAH

1 November 2000

Gerald G. Huddleston, LS

The above is true and correct to my knowledge and belief.

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

J. M. Huber Corporation
Huber-State 1-35 WDW
540' FSL & 1135' FWL
Sec. 35, T. 11 S., R. 10 E.
Duchesne County, Utah

Drilling Program

1.

Formation Name	Depth from GL	Depth from KB	Subsea Depth
Colton Fm	0'	12'	+7,250'
Flagstaff Ls	500'	512'	+6,750'
North Horn Fm	1,500'	1,512'	+5,750'
Price River Ss	3,512'	3,524'	+3,738'
Castlegate Ss	4,203'	4,215'	+3,047'
Blackhawk Coal	4,896'	4,908'	+2,354'
Kenilworth Ss	5,607'	5,619'	+1,643'
Aberdeen Ss	5,782'	5,794'	+1,468'
Spring Canyon Ss	5,942'	5,954'	+1,308'
Mancos Sh	6,096'	6,108'	+1,154'
Total Depth	6,500'	6,512'	+750'

(All depths are based on a graded ground level of 7,250')

2. NOTABLE ZONES

Gas is expected in the Blackhawk. No other oil or gas zone is expected. The sandstone and coal zones are anticipated water zones.

3. PRESSURE CONTROL (Also see "5." on PAGE 3)

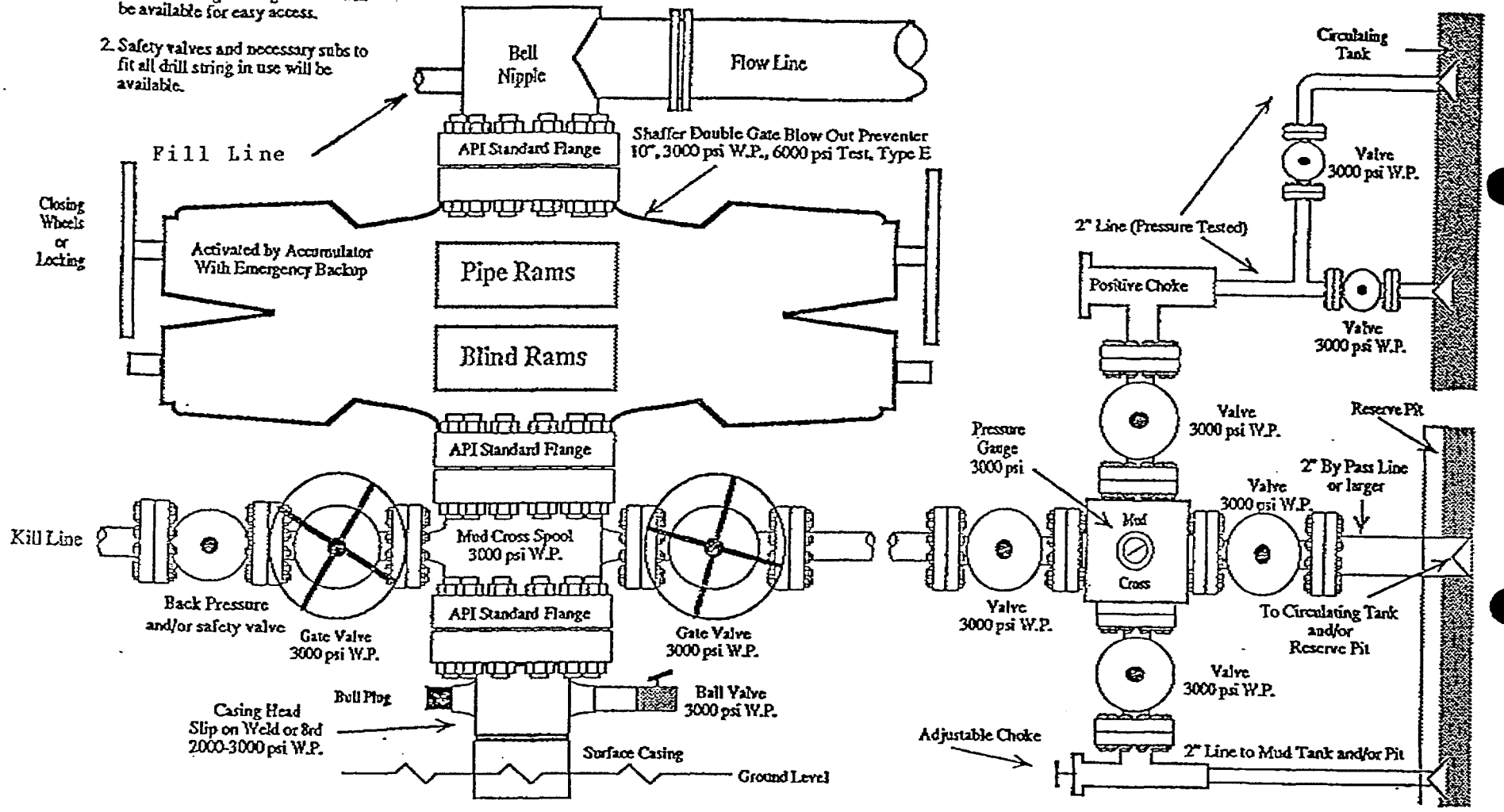
A ≈10" x 2,000 psi double ram BOP with 2,000 psi choke manifold will be used from bottom of surface casing to TD. (A typical 2,000 psi BOP is on Page 2. Actual model will not be known until the bid is let.) BOP system will be tested to 70% of the minimum internal yield before drilling the surface casing shoe. Tests will be recorded in the driller's log. BOPs will be inspected and operated daily to assure good mechanical working order.

Pressure Control Equipment

Minimum 2" Choke Line.
Minimum 2" Kill Line.
At Least One 2" Minimum Kill Line Valve.

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be caried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

4. CASING & CEMENTING

Hole Size	O.D.	Weight	Grade	Type	Age	≈Setting Depth
12-1/4"	9-5/8"	36	K-55	ST&C	New	2,000'
8-3/4"	7"	26	N-80	LT&C	New	6,500'

Surface casing will be circulated to surface with ≈1,500 sacks Class G Premium + Cello Flake. Weight = 15.6 ppg. Yield = 1.20 cubic feet per sack. Excess = 187%. If lost circulation is encountered, then the cement may be changed to a 50-50 poz mix to lighten the slurry to 13.3 ppg to allow the cement to be circulated to the surface. This cement will be tailed in with Class G Premium.

Long string will be cemented to surface in two stages. The DV is expected to be set at the top of the Aberdeen sandstone so the first stage will isolate water zones below the Blackhawk. Actual DV tool setting depth will be determined from hole conditions related to lost circulation. Actual cement volumes will be determined from logs if logs are available.

First stage (≈5,780' to TD) of long string will be cemented with ≈140 sacks Class G Premium + 1% Microbond + 0.3% CFR-3 + 3% Halad. Weight = 15.6 ppg. Yield = 1.20 cubic feet per sack. Excess = 50%

Second stage of long string will be cemented from the DV tool set at ≈5,780' to surface, including in side of the surface casing. Will cement with ≈775 sacks 50-50 poz mix + 3% gel + 5 pounds per sack densified silicate + 0.3% Halad 344 + 0.2% Veraset + 1% Microbond. This volume assumes 50% excess in open hole section and 0% in cased hole section.

5. MUD PROGRAM

Surface hole will be drilled with air as far as possible. After that point, then an air-water mix will be used to the surface casing point. Water used in the

mix will be produced from this well and augmented as needed from a fresh water well at Huber's Central Production Facility. Expected mud weight will be 8.4 to 8.6 pounds per gallon. Expected viscosity = 35 to 45. No fluid loss control will be used.

The remainder of the hole will be drilled to TD with air. If water flows are encountered that will prevent air drilling, then Huber will switch to a system described in the paragraph above.

6. DATA GATHERING

First deviation survey will be run ≈250' below BSC. Additional surveys will be run every 500' to TD. Deviation limit will be 1°/100' and a maximum of 6° at TD. If deviation exceeds 4°, will decrease WOB, increase RPM, and survey at 250' intervals until corrected. If deviation becomes severe (>5°), may use a fourth stabilizer and convert to a full packed BHA.

Mud loggers will be on site from ≈4,200' to TD. They will have full chromatograph. Will collect samples every 30' from ≈4,200' to ≈4,700'. Will collect samples every 10' from ≈4,700' to TD.

Will run following log suites:

HRI/DSN/SDL/GR (EVR Mode): 4000' to TD
HRI/DSN/SDL/GR: BSC TO TD

7. DOWN HOLE CONDITIONS

Maximum anticipated bottom hole pressure is ≈2,800 psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected.

8. MISCELLANEOUS

Huber has nominated this unleased tract of state minerals for the October SITLA lease auction. If Huber is unsuccessful in obtaining the lease, then it will apply to SITLA for a special use lease.

Will spud date upon approval. It will take ≈2 weeks to drill the well and ≈3 weeks to complete the well.

Castleview Hospital is a half hour drive away in Price on 590 East 100 North. Their phone number is (435) 637-4800.

Surface Use Plan

1. EXISTING ROADS & DIRECTIONS (See PAGES 10 & 11)

From the junction of US 6 and US 191 north of Helper, Utah ...
Go NE 8.8 miles on US 191
Then turn right and go SE 478.53' on a reclaimed road

2. ROAD TO BUILT OR UPGRADED (See PAGE 11)

The 478.53' of upgraded road will be crowned, ditched, and graveled with a 20' wide travel surface. One minimum 18" x 30' CMP culvert will be installed at the entrance to the pad. Maximum disturbed width will not exceed 33'. Maximum grade is 2%. Maximum cut of fill will be 2'. No turnout or cattleguard is needed. The well site will be fenced upon well completion and a gate installed in the fence.

3. EXISTING WELLS

There are no existing water, gas, oil, injection, or disposal wells within a mile.

4. PROPOSED FACILITIES

Two buried pipelines (≈8" O.D. HDPE water line and a ≈8" O.D. HDPE gas line) will be laid south and east to Huber's central production facility for 12,224' along access roads. Facilities may include tanks, filters, pumps, equipment shelters, fence, and generators. Well facilities will be painted a dark olive green color.

5. WATER SUPPLY

Water will be trucked from existing water well (right #91-4983) at Huber's central production facility in Section 11 or from town for the first 2,000' of well bore. Produced water from Huber's wells will be used below 2,000'.

6. CONSTRUCTION MATERIALS & METHODS (See PAGES 11-13)

A diversion ditch will be cut on the north side of the pad. Topsoil and brush will be stripped and stockpiled south of the pad. A 350' long silt fence will be placed south side of the soil pile. The reserve pit will be lined with minimum 12 mil plastic. Gravel will be hauled from town.

7. WASTE DISPOSAL

All trash will be placed in a trash cage. When full, it will be hauled to a state approved landfill. There will be no trash burning or disposal of trash in the reserve pit. Chemical toilets will be used for human waste. Their contents will be disposed of in state approved facilities.

8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Camper trailers will be on site for the company man, roughnecks, mud logger, tool, pusher, etc.

9. WELL SITE LAYOUT

See PAGES 12 and 13 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, burn pit, access road onto the pad, parking, living facilities, and rig orientation.

10. RECLAMATION

After completing drilling, the well site and immediate area will be cleared of all debris and material not needed for water disposal.

Reclamation will start when the reserve pit is dry. At least 2' of cover will be placed on the reserve pit. All areas not needed for disposal will be backfilled, recontoured to match natural contours, and reserved topsoil and brush evenly spread. If the well is a producer, then enough topsoil will be kept aside to reclaim the rest of the pad. Disturbed areas will be ripped, harrowed, or scarified on the contour before seeding. All reclaimed areas will be broadcast seeded in late fall or winter with seed mixes specified by the state. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding. Silt fence will be maintained until the revegetation is successful.

11. SURFACE OWNER

All road and well site construction is on SITLA land.

12. REPRESENTATION

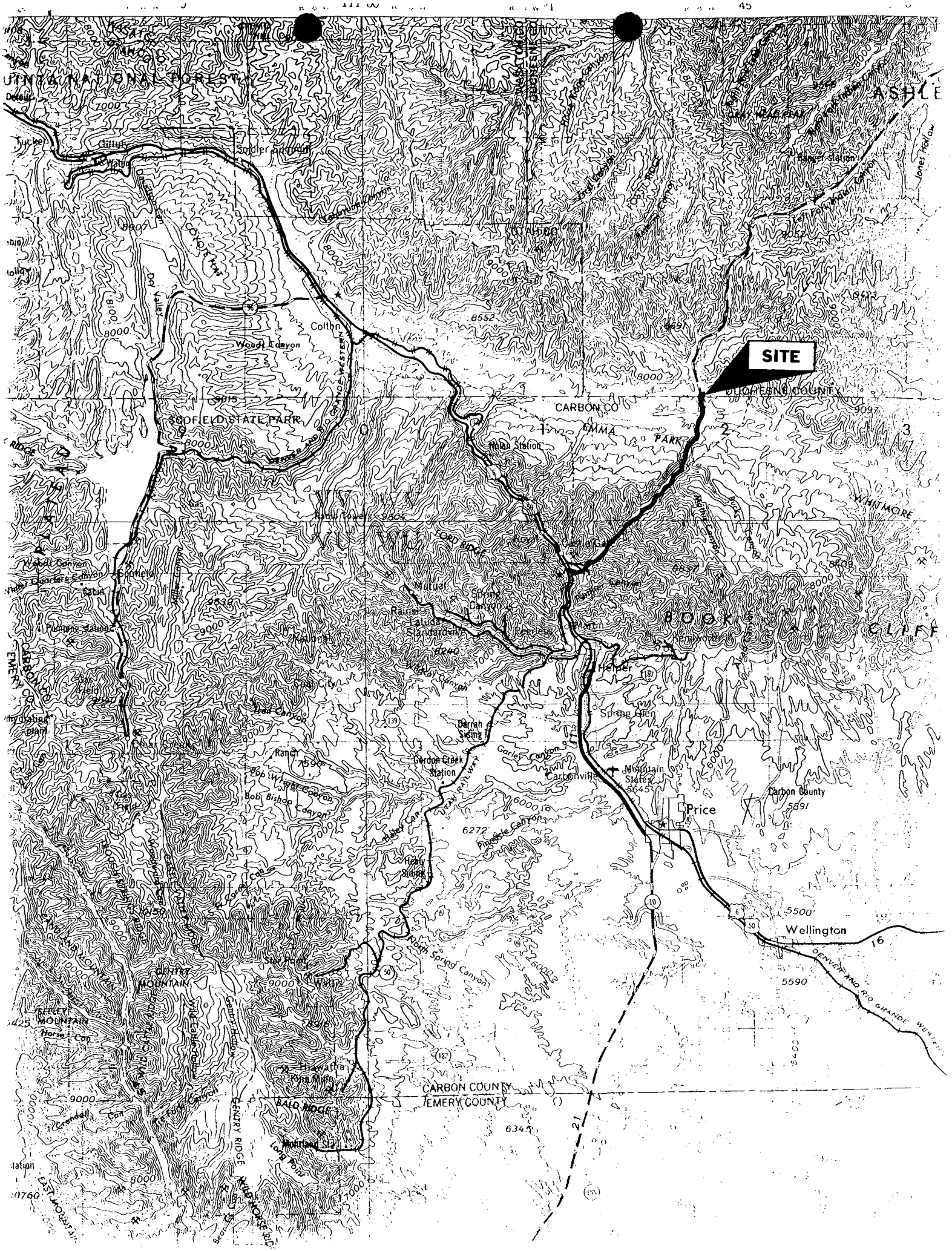
Anyone having questions concerning the APD should contact:

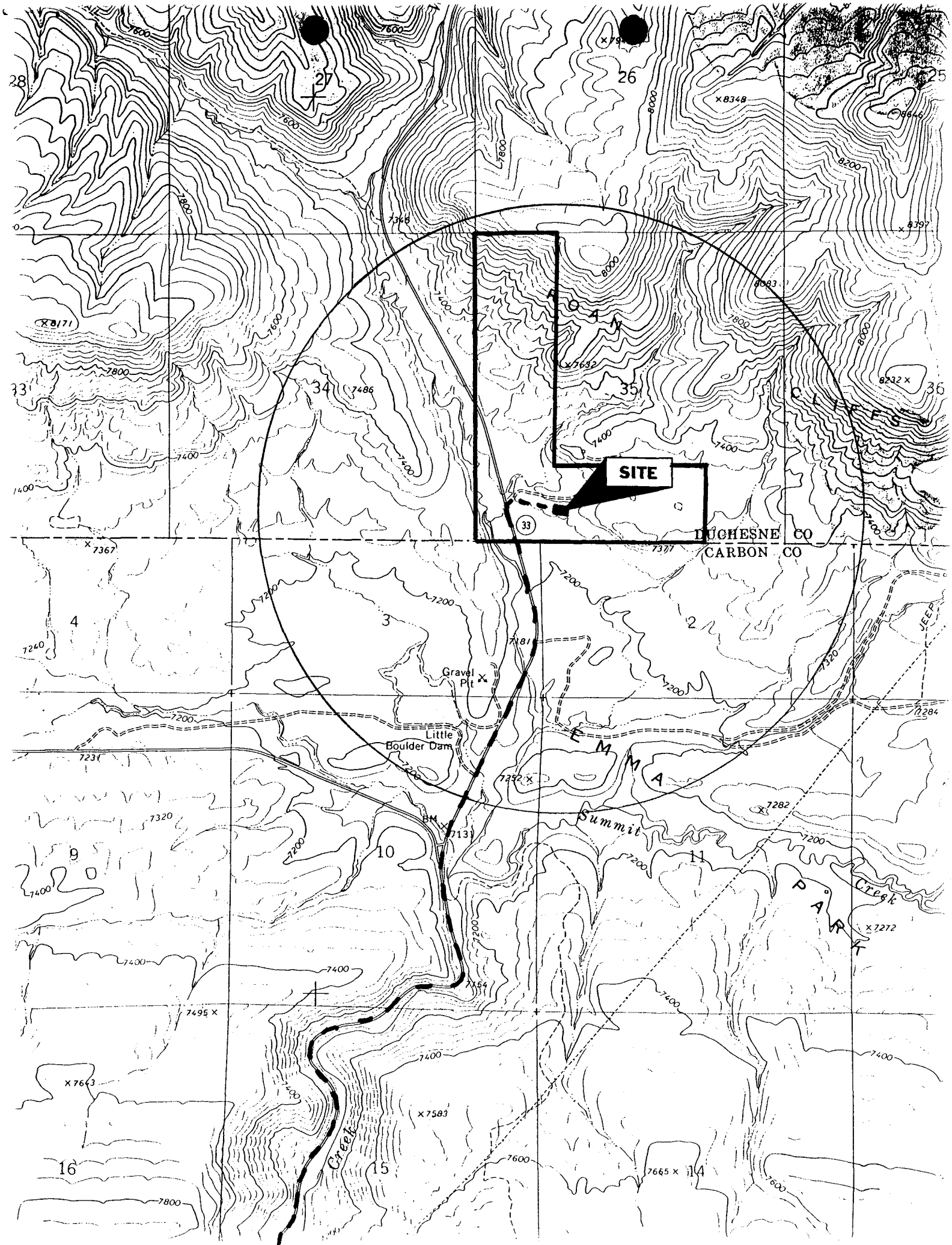
Brian Wood
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87508
(505) 466-8120 FAX: (505) 466-9682 Mobile: (505) 699-2276

J. M. Huber Corporation
Huber-State 1-35 WDW
540' FSL & 1135' FWL
Sec. 35, T. 11 S., R. 10 E.
Duchesne County, Utah

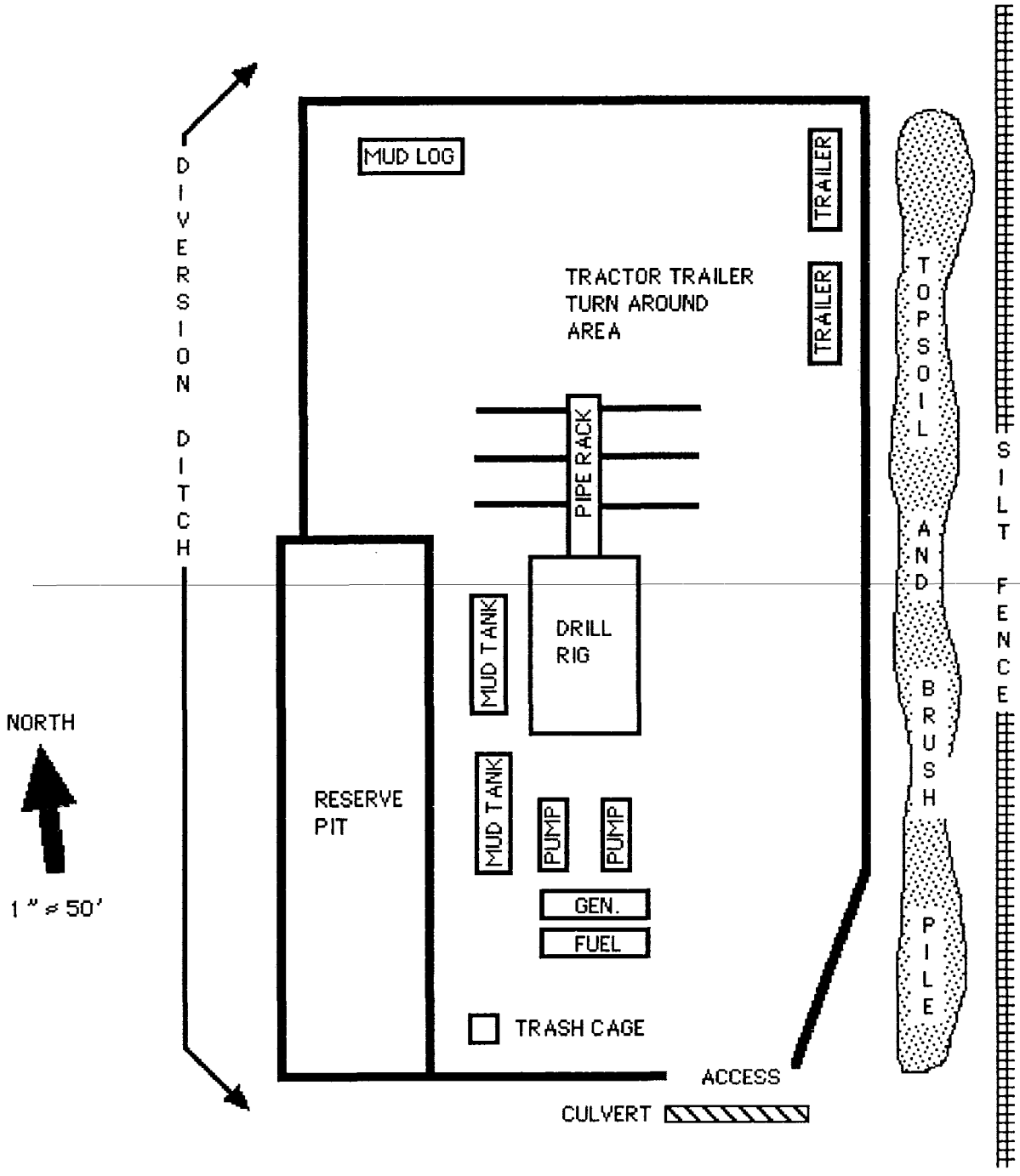
The field representative will be:

Larry Sessions
J. M. Huber Corporation
212 East 100 North
Price, Ut. 84501
(435) 613-9490 FAX (435) 613-9489 Mobile: (435) 820-6359

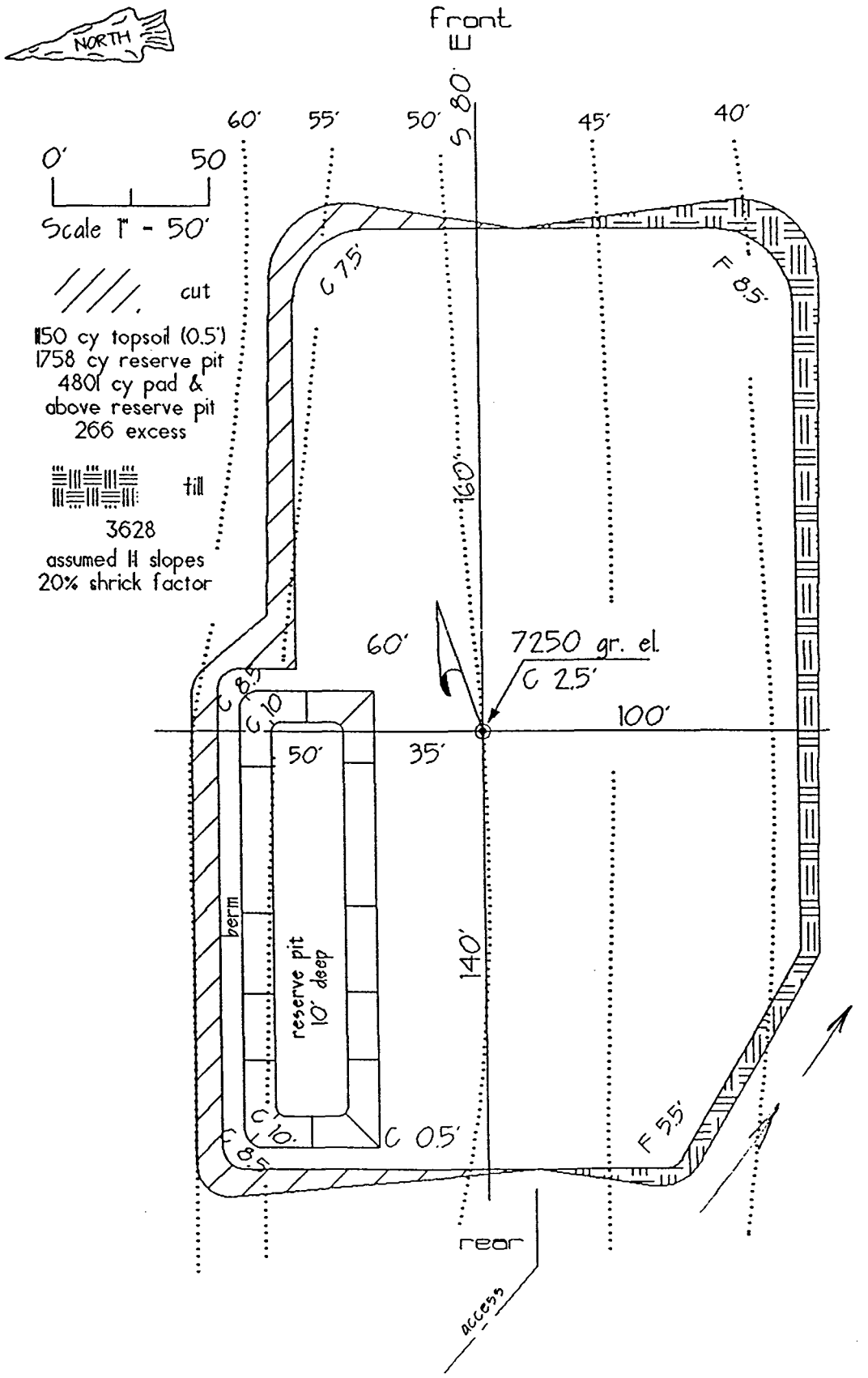

SITE
UINTA NATIONAL FOREST
SCOFIELD STATE PARK
CARBON CO
DUCHESNE COUNTY
EMMA PARK
Nolan Station
Colton
Woods Canyon
Scofield
Mutual
Spring Canyon
Standardville
Peerless
Martin
Helper
Spring Glen
Carbonville
Mountain States
Price
Carbon County
Wellington
Barrah Siding
Gordon Creek Station
Healy Siding
North Spring Canyon
Star Point
Hiawatha
CARBON COUNTY
EMERY COUNTY
BALD RIDGE
GENTRY MOUNTAIN
SELEY MOUNTAIN
BOOK CLIFF
WHITMORE
DENVER AND RIO GRANDE WESTERN


SITE
DUCHESNE CO
CARBON CO
ROAN
CLIFFS
EMMA
PARK
Summit
Creek
Gravel Pit
Little Boulder Dam
BM
JEEP
33
27
26
28
25
34
35
36
4
3
2
9
10
11
16
15
14
7600
7800
8000
8200
7400
7200
7320
7240
7231
7252
7282
7272
7495
7583
7665
7643
7367
7377
7181
7346
7486
7632
8083
8232
8348
8646
8397
8171
7154
7131

J. M. Huber Corporation
Huber-State 1-35 WDW
540' FSL & 1135' FWL
Sec. 35, T. 11 S., R. 10 E.
Duchesne County, Utah



Huber - State # 1 - 35 W.D.W.
well pad



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/09/2001

API NO. ASSIGNED: 43-013-32308

WELL NAME: HUBER-ST 1-35 WDW

OPERATOR: J M HUBER CORPORATION (N2380)

CONTACT: BRIAN WOOD, AGENT

PHONE NUMBER: 505-466-8120

PROPOSED LOCATION:

SWSW 35 110S 100E

SURFACE: 0540 FSL 1135 FWL

BOTTOM: 0540 FSL 1135 FWL

DUCHESNE

UNDESIGNATED (2)

LEASE TYPE: 3 - State

LEASE NUMBER: ~~UNLEASED~~ ML-48822-fc

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MNCS

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	11/27/01
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[3] Fee[]
(No. 929103264)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 91-4983)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit ___

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

✓ R649-3-3. Exception

___ Drilling Unit
Board Cause No: ___
Eff Date: ___
Siting: ___

___ R649-3-11. Directional Drill

COMMENTS: Need presite. (11-20-01)
Need "Ex. Loc" info. (Rec'd 11-13-01)

STIPULATIONS: 1- Statement of basis.

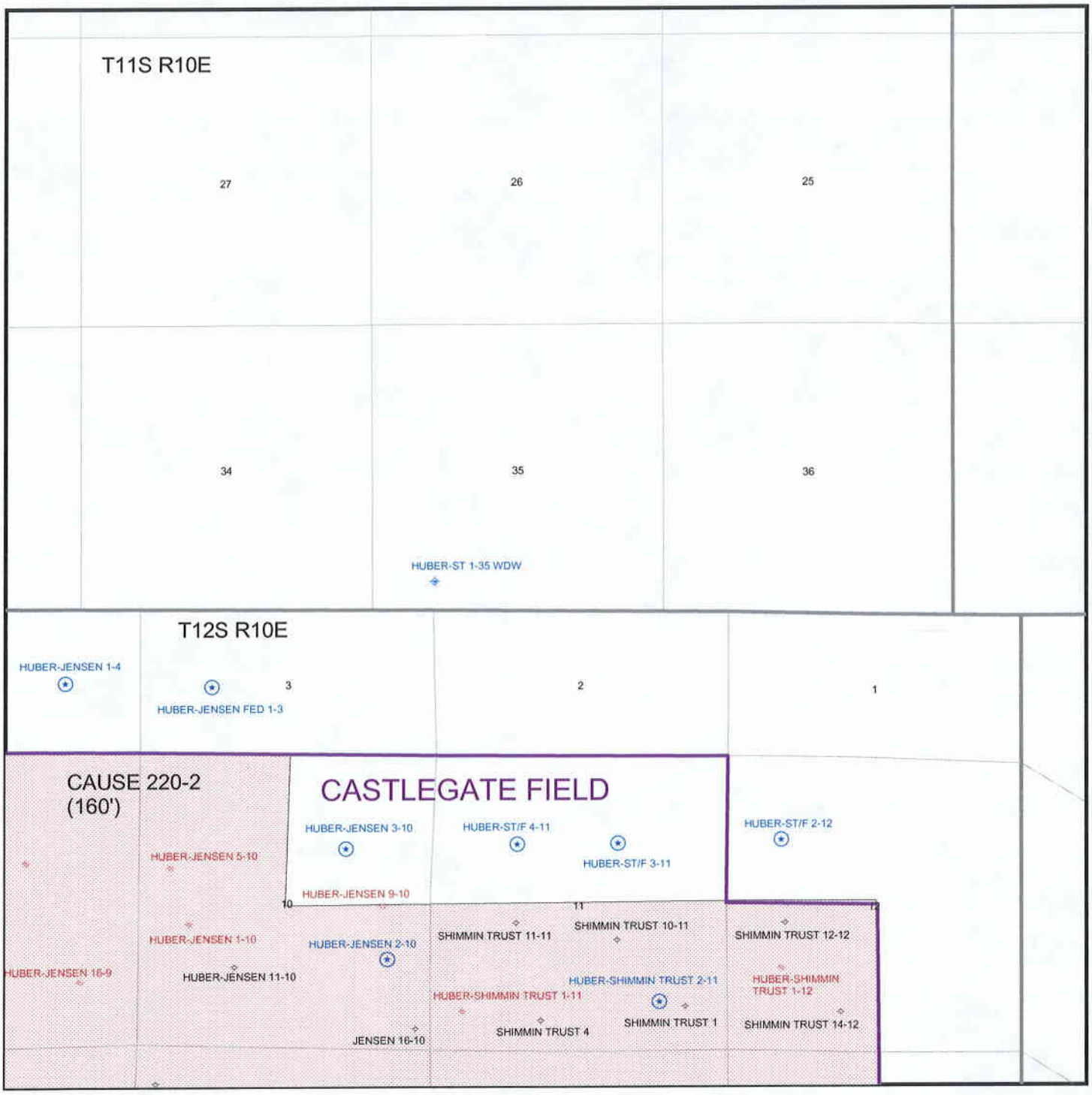
Utah Oil Gas and Mining

OPERATOR: J M HUBER CORP (N2380)

SEC. 35, T11S, R10E

FIELD: UNDESIGNATED (002)

COUNTY:DUCHESNE SPACING:R649-3-3/EX LOC



PREPARED BY: LCORDOVA
DATE: 15-OCTOBER-2001

11-01 Huber State 1-35 W[redacted]W

Casing Schematic

Surface

Colton

500' Flagstaff

1500' Northform

9-5/8"
MW 8.6
Frac 19.3

TOC @ 0.

TOC @ 0.

Surface
2000. MD

W/31% washout

3512' Price River

4203' Castlegate

4896' Blackhawk

5607' Kenilworth

5782' Aberdeen

5942' Spring Canyon

6096' Mancos

DV T@ ~ 5780

TOC 1st stage = 5794 w/108 washout

w/10% washout

7"
MW 8.6

Production
6500. MD

BOP

BHP
(0.052)(8.6)(6500) = 2907 psi
Anticipated = 2800 psi

Gas
(0.12)(6500) = 780 psi
MASP = 2128 psi

Gas/mud
(0.22)(6500) = 1430 psi
MASP = 1477 psi

2M BOPE proposed

Adequate DKD
11/27/01

Well name:	**11-01 Huber State 1-35 WDW**
Operator:	**JM Huber Corp.**
String type:	Surface
Location:	Carbon Co.
Project ID:	43-013-32308

Design parameters:

Collapse

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi
Internal gradient: 0.447 psi/ft
Calculated BHP 894 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.
Neutral point: 1,745 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	93 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	300 ft
Cement top:	Surface

Non-directional string.

Re subsequent strings:

Next setting depth:	6,500 ft
Next mud weight:	8.600 ppg
Next setting BHP:	2,904 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	2,000 ft
Injection pressure	2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	2000	9.625	36.00	K-55	ST&C	2000	2000	8.765	142.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	894	2020	2.26	894	3520	3.94	72	423	5.88 J

Prepared by: Dustin K. Doucet
Utah Dept. of Natural Resources

Phone: 801-538-5281

Date: November 27,2001
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.
Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**11-01 Huber State 1-35 WDW**
Operator:	**JM Huber Corp.**
String type:	Production
Project ID:	43-013-32308
Location:	Carbon Co.

Design parameters:

Collapse

Mud weight: 8.600 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi

Internal gradient: 0.447 psi/ft

Calculated BHP 2,904 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on air weight.

Neutral point: 5,657 ft

Environment:

H2S considered?	No
Surface temperature:	65 °F
Bottom hole temperature:	156 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	368 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6500	7	26.00	N-80	LT&C	6500	6500	6.151	340.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2904	5410	1.86	2904	7240	2.49	169	519	3.07 J

Prepared by: Dustin K. Doucet
Utah Dept. of Natural Resources

Phone: 801-538-5281

Date: November 27,2001
Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: J.M. Huber
WELL NAME & NUMBER: Huber-State 1-35 WDW
API NUMBER: 43-013-32308
LEASE: ML-48822 FIELD/UNIT: Undesignated (002)
LOCATION: 1/4,1/4 SW SW Sec: 35 TWP: 11S RNG: 10E 540 FSL 1135 FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.
GPS COORD (UTM): X =519,029 E ; Y = 4,406,958 N SURFACE OWNER: SITLA

PARTICIPANTS

Mike Hebertson (DOGM) Chris Colt(DNR) Larry Sessions (Huber) Brian Wood (Permits West)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

This well is located on the second bench of the Wasatch Plateau about 1.5 miles south of the Roan Cliffs, in the area known as Emma Park. Mathis Canyon is to the south of the location about 3 miles and Willow Creek is a major active flowing stream to the west about 1000' which flows to the south down Price Canyon. Other drainage intersect the major secondary and primary system flowing generally north and then west until they meet Willow Creek, thence to the Price River. The whole of Emma Park is open Sage Brush meadow with interspersed grasslands. The surface is of Cretaceous age rocks from the Flagstaff Limestone and the Colton Formation. The Flagstaff is of lacustrine origin as is the Colton. The Colton is a red colored shale with many discontinuous sand lenses. There is no distinct contact between the two since they have many complex overlapping facies in this area.

SURFACE USE PLAN

CURRENT SURFACE USE: Open range wildlife and livestock use.

PROPOSED SURFACE DISTURBANCE: A location 300 X 200 including an inboard pit 50 X 140 X 10. The access road will enter the pad on the southwest corner. 100 feet of road will be upgraded for this well.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 3 Permitted wells within one mile, all of which were drilled to the Blackhawk. One new well completed to the Blackhawk Coal and four new proposed locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Will follow the roads and already established corridors in the abandoned field area. Pipelines and power lines will follow the road access route.

SOURCE OF CONSTRUCTION MATERIAL: Borrowed from the construction of the location. A commercial supplier will be used for the gravel pad.

ANCILLARY FACILITIES: These are already in place.

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used. Produced water will be disposed of at an approved facility.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is on a tributary gully that supplies Willow Creek about ¼ mile west. This area will be protected with berms ditches and silt fences.

FLORA/FAUNA: Deer, Elk, Moose, Cougar, Eagles, Hawks, Other indigenous bird species, Aspen, varieties of grasses, Sage Brush, Rabbit Brush.

SOIL TYPE AND CHARACTERISTICS: Clay dark tan or red-brown color. Locally with sandstone lenses or fingers

SURFACE FORMATION & CHARACTERISTICS: The surface is of Cretaceous age rocks from the Flagstaff Limestone and the Colton Formation. The Flagstaff is of lacustrine origin as is the Colton. The Colton is a red colored shale with many discontinuous sand lenses.

EROSION/SEDIMENTATION/STABILITY: No stability, problems, and only minor erosion problems exist on the location these will be mitigated by planting with grasses on the margins of the pad.

PALEONTOLOGICAL POTENTIAL: Completed and filed

RESERVE PIT

CHARACTERISTICS: The pit will be 140 X 50 X 10 or 12,500 BBLS

LINER REQUIREMENTS (Site Ranking Form attached): A synthetic liner will be required.

SURFACE RESTORATION/RECLAMATION PLAN

This is issued as part of the lease and is controlled by SITLA

SURFACE AGREEMENT: Has been executed, as part of the lease agreement

CULTURAL RESOURCES/ARCHAEOLOGY: Completed and filed

OTHER OBSERVATIONS/COMMENTS

A raptor nest is within ½ mile of this location but is outside of the line of sight, and probably has not been used for 3 or more years wildlife has included a letter with restrictions for this well, and allowing a variance for the placement of the well in this spot. Sage Grouse concerns for this area were not a problem, however the

possibility was discussed. Several precautions about drilling this well as a proposed injection well were discussed as was the nature of the information required to approve the injection permit.

ATTACHMENTS:

Photos were taken and will be placed on file.

K. Michael Hebertson	20/November/2001/ 12:15 PM
DOGM REPRESENTATIVE	DATE/TIME

Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	10
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	15
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15 20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	5
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	10

Final Score 60 (Level I Sensitivity)

DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: J.M. Huber
WELL NAME & NUMBER: Huber-State 1-35 WDW
API NUMBER: 43-013-32308
LEASE: ML-48822 FIELD/UNIT: Undesignated (002)
LOCATION: 1/4,1/4 SW SW Sec: 35 TWP: 11S RNG: 10E 540 FSL 1135 FWL
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

Geology/Ground Water:

The setting depth of the surface casing in this well is proposed for 2,000' cemented back to surface with about 1000 cubic feet of premium class G cement. There are 4 points of diversion within 1 mile of this location, which are developed along Willow Creek, some have priority dates back to 1860. The intended injection zone in this well is the Spring Canyon Sand a member of the Mancos Shale. A search made of the records at water rights showed that no water from active water well is being produced from below 385', and that the proposed 2,000' of surface casing will cover these zones. The several springs and diversions along Willow Creek will not be impacted, by new work on this well, and are protected by the surface casing and the cement at the bottom of the long string. Produced water will be disposed of in this well as a new disposal facility, if all the criteria can be met.

Reviewer: K. Michael Hebertson **Date:** 20/November/2001

Surface:

The surface owner has been contacted and expressed no concerns about the use of this location. The surface owner was also aware of the winter range and habitat concerns expressed by DWR and the active Sage Grouse strutting area that has been identified by DWR and the EIS. Although there are no Grouse activities identified for this area the potential exists for its use. At some previous time the actual location has been used as a gravel pit but has long been abandoned and partially reclaimed. The placement of a well here will correct several problems with drainage that currently exist and help restore the proper flow of water to its former pattern. As this location is to be for water injection the nature and kind of equipment on location was discussed. At this time only a wellhead is planned.

Reviewer: K. Michael Hebertson **Date:** 20/November/2001

Conditions of Approval/Application for Permit to Drill:

1. Berms at the toe of all cut and fill slopes will be cleaned and maintained, and silt fences as per the APD.
2. The pit fenced when the drill rig moves off, as stated in the APD.
3. Existing culverts will be cleaned and maintained and new culverts of sufficient size and length will be installed and maintained so as not to inhibit natural water flow, where necessary.
4. A synthetic liner is required for the pit, it will be at least 12 Mils thick.
5. Spoil and top soil piles will be stored in low windrows rather than tall cone shaped piles.
6. All diversions will be rip rapped with rock from the construction of the pad, and the exposed slopes of the location will be protected with rock.

20 November 2001

Presite Gas well Inspection – ***J.M. Huber Corporation***

Huber-State 1-35WDW: The proposed water disposal well is located within the ½ mile radius buffer of red-tailed hawk nest (#900). This location is, however, >1/4 mile from the nest and out of line of sight. Therefore, it is our opinion that this well can be constructed without undue impact to future nesting provided that the following request is met. We request that all construction and drilling with in ½ mile of nest #900 occur outside the March 1 – July 15 nesting period of the red-tailed hawk. Additionally, this area is in critical sage grouse habitat. Avoiding disturbance between the afore mentioned window will also benefit sage grouse.

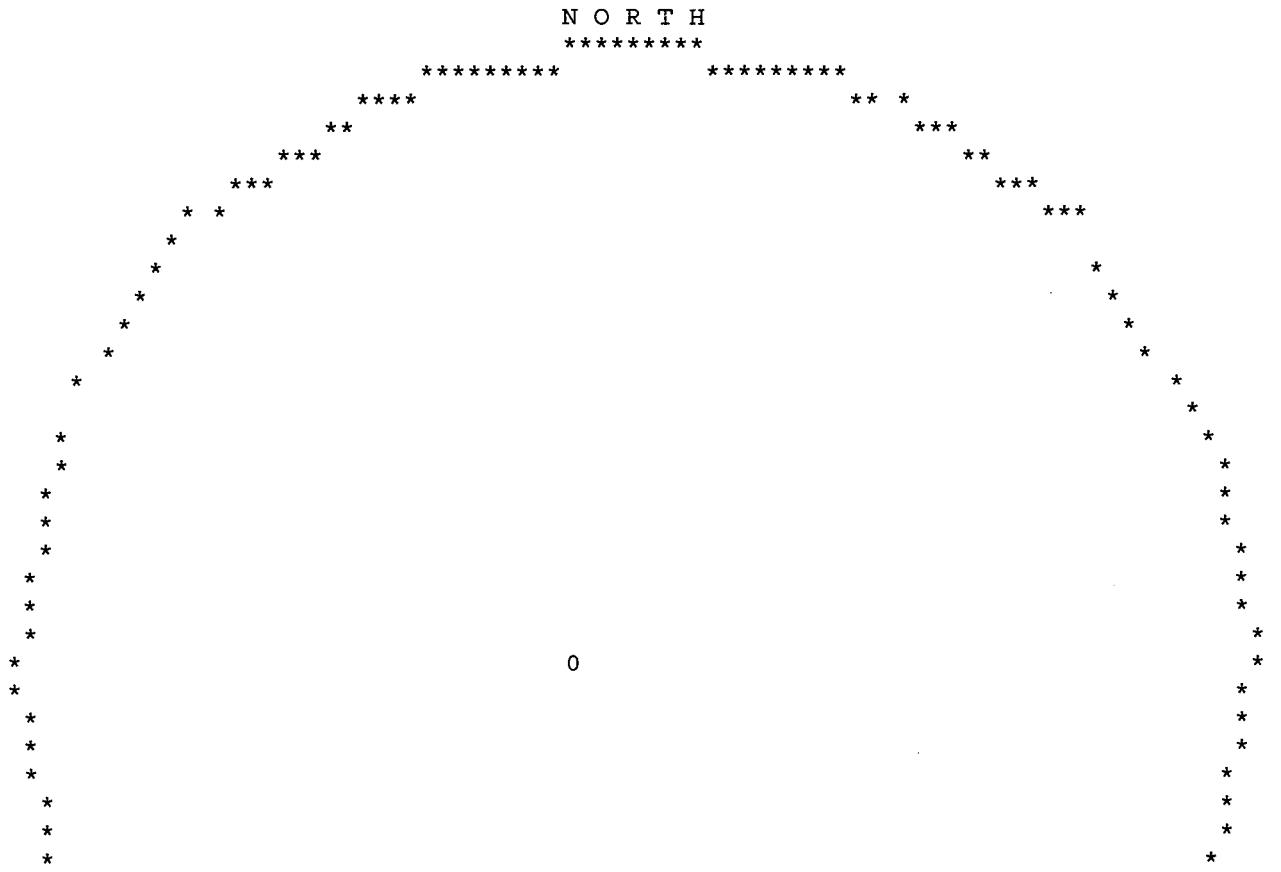
C: DOGM, Huber, USFWS, SITLA

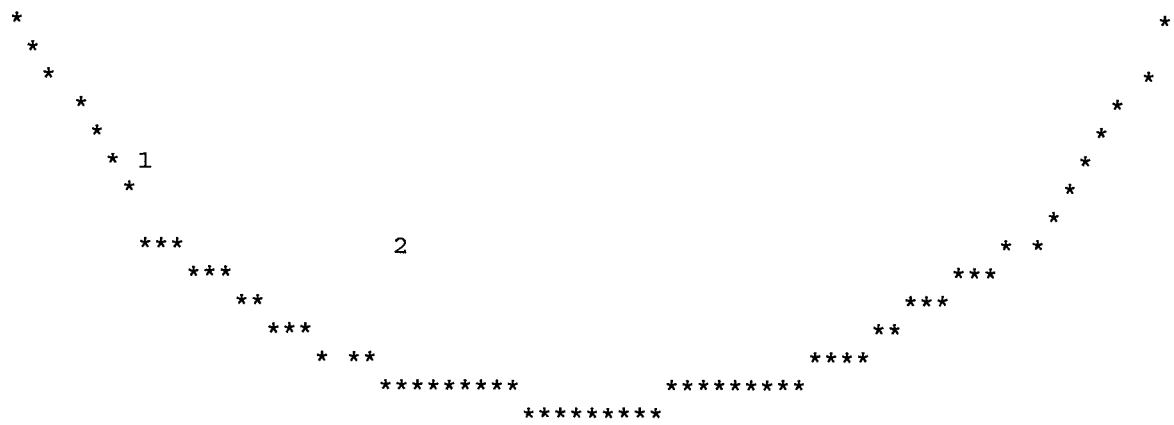
H:\2001\01_Huber2.doc

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, NOV 19, 2001, 11:01 AM
PLOT SHOWS LOCATION OF 4 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT
N 540 FEET, E 1135 FEET OF THE SW CORNER,
SECTION 35 TOWNSHIP 11S RANGE 10E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET



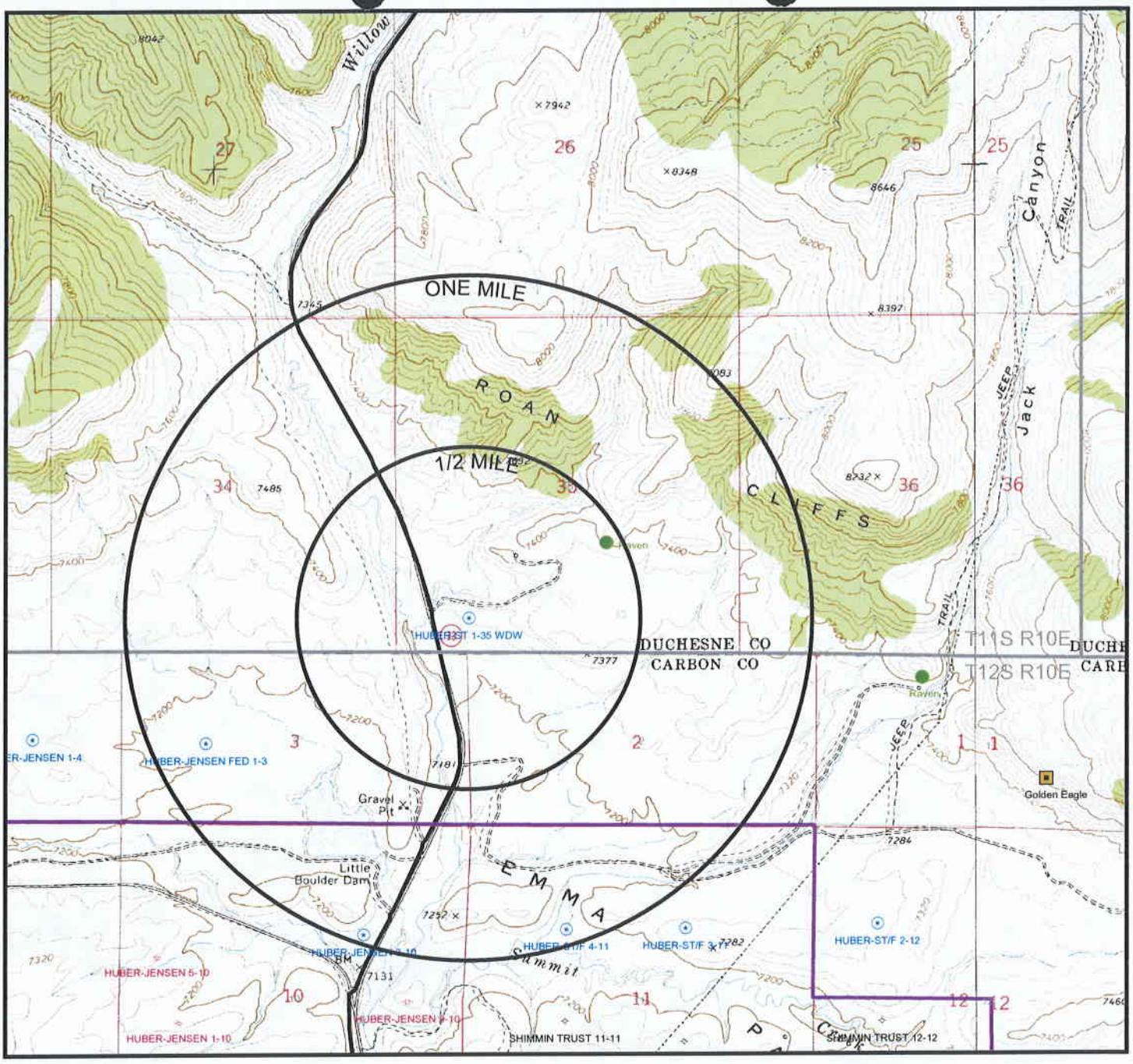


UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY CFS	AND/OR AC-FT	SOURCE DESCRIPTION or WELL INFO DIAMETER	DEPTH	YEAR LOG	POINT OF DIVERSION DESCRIPTION NORTH	EAST	CNR	SEC	TWN	RNG	B&M
0	91 1284	.0000	.00	Willow Creek									
	WATER USE(S):												
	State of Utah School & Institutional Trust												
1	91 3179	.0000	.00	Willow Creek									
	WATER USE(S):												
	Security Title Company												
1	91 3180	.0000	.00	Willow Creek									
	WATER USE(S):												
	Security Title Company												
2	91 280	.0000	2.20	Willow Creek			N 2100	W 500	SE	3	12S	10E	SL
	WATER USE(S): MUNICIPAL OTHER												

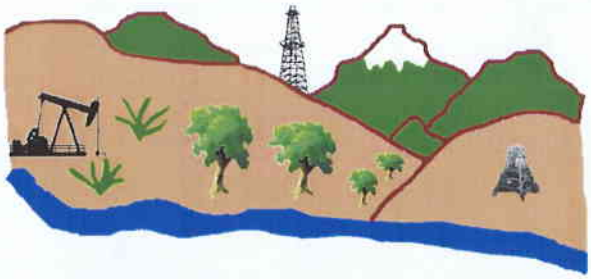
675 East 500 South, 5th Floor Salt Lake City
PRIORITY DATE: 00/00/18
Salt Lake City
PRIORITY DATE: 00/00/18
Salt Lake City
PRIORITY DATE: 10/26/19

Price River Water Improvement District P.O. Box 903 Price

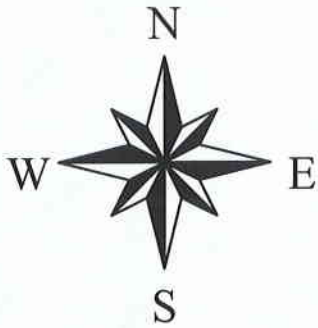


Well Status

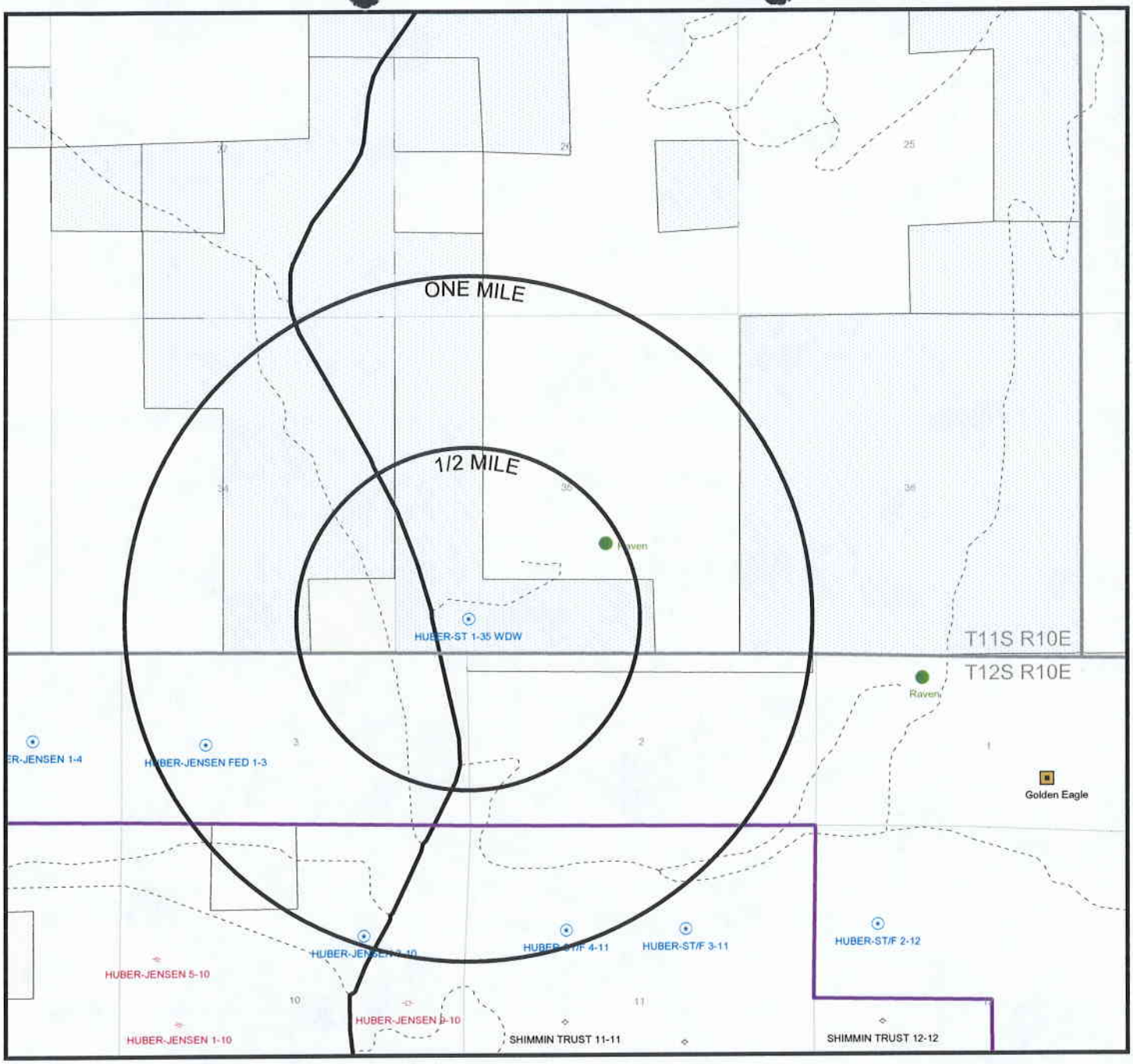
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- Sections
- Township



Utah Oil Gas and Mining



Prepared By: K. M. Hebertson



Well Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
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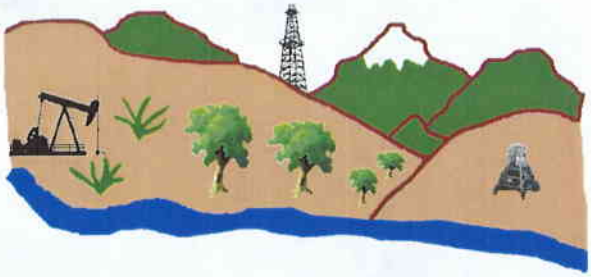
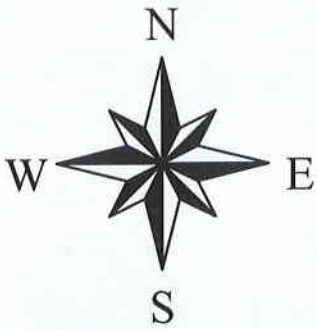
- WATER DISPOSAL
- Sections
- Township



Utah Oil Gas and Mining



Prepared By: K. M. Hebertson

20 12:11PM

20 12:12PM

20 12:14PM

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: HUBER-STATE 1-35
9. API NUMBER: 43-013-32308
10. FIELD AND POOL, OR WILDCAT: WILDCAT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER
2. NAME OF OPERATOR: J. M. HUBER CORPORATION
3. ADDRESS OF OPERATOR: 1050 17th ST, #700 CITY DENVER STATE CO ZIP 80265 PHONE NUMBER: 303 825-7900
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 540 FSL & 1135 FWL COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW35 11s 10e SL STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☑ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☑ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: MISC.
	☑ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request exception because of land use and visibility. Exception is to quarter-quarter line (275' too far east), not to a well. Orthodox location would be closer to US 191 and on undisturbed ground (current location is in an abandoned borrow pit.)

Orthodox well could be drilled at 540 FS & 860 FW 35-11s-10e, but it would be more visible and on undisturbed ground. Request permission to drill at 540' FSL & 1135' FWL 35-11s-10e. This is the only well in the section. There are no producing wells within +5,000'. Wells could be drilled in 8 offsetting units. Huber is owner of all drilling units and leases within minimum 540' radius of proposed exception. This includes 5 (E2 Sec. 3, NESE Sec. 34, and NWSW & SESW Sec. 35) of 8 directly or diagonally offsetting drilling units.

Lease (232.5 acres) has now been issued to Huber. Huber will initially drill and complete well as coal gas well. Will also evaluate for water disposal well. If well has more value as latter than former, then Huber will file UIC application.

NAME (PLEASE PRINT): BRIAN WOOD (505) 466-8120 TITLE: CONSULTANT
SIGNATURE: Brian Wood DATE: 11-3-01

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

November 28, 2001

J M Huber Corporation
1050 17th St, # 700
Denver, CO 80265

Re: Huber- State 1-35 WDW Well, 540' FSL, 1135' FWL, SW SW, Sec. 35, T. 11 South, R. 10 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32308.

Sincerely,

John R. Baza
Associate Director

dm
Enclosures
cc: Duchesne County Assessor
SITLA

Operator: J M Huber Corporation

Well Name & Number Huber- State 1-35 WDW

API Number: 43-013-32308

Lease: ML 48822

Location: SW SW **Sec.** 35 **T.** 11 South **R.** 10 East

Conditions of Approval

1. **General**
   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):
   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**
   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

John Kimball
Division Director

1594 West North Temple, Suite 2110
PO Box 146301
Salt Lake City, Utah 84114-6301
801-538-4700
801-538-4709 (Fax)
801-538-7458 (TTY)

20 November 2001

Presite Gas well Inspection – ***J.M. Huber Corporation*** 43-013-32308 Sec. 35, 11S, 10E

Huber-State 1-35WDW: The proposed water disposal well is located within the ½ mile radius buffer of red-tailed hawk nest (#900). This location is, however, >1/4 mile from the nest and out of line of sight. Therefore, it is our opinion that this well can be constructed without undue impact to future nesting provided that the following request is met. We request that all construction and drilling with in ½ mile of nest #900 occur outside the March 1 – July 15 nesting period of the red-tailed hawk. Additionally, this area is in critical sage grouse habitat. Avoiding disturbance between the afore mentioned window will also benefit sage grouse.

C: DOGM, Huber, USFWS, SITLA

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RECEIVED

DEC 03 2001

DIVISION OF
OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: J M HUBER CORP

Well Name: HUBER-ST 1-35

Api No.. 43-013-32308 LEASE TYPE: STATE

Section 35 Township 11S Range 10E County DUCHESNE

Drilling Contractor BILL MARTIN RIG # RATHOLE

SPUDDED:

Date 04/12/2002

Time 10:00 AM

How DRY

Drilling will commence

Reported by LARRY SESSIONS

Telephone # 1-435-613-9490

Date 04/12/2002 Signed: CHD

J.M. HUBER

HUBER STATE
#1-35

API Well No.:

15-Apr-02

9 5/8 SURFACE

Customer Representative:
LARRY SESSIONS
Halliburton Operator:
L.COOK
Ticket No.:
1822139

HALLIBURTON

Halliburton

JOB SUMMARY

SAP #/TICKET #	1822139	TICKET DATE	04/15/02
REGION	NORTH AMERICA LAND	NWA / COUNTRY	WESTERN
BDA / STATE	DENVER, CO	COUNTY	
MBU ID / EMPL #	G2487 122022	H.E.S. EMPLOYEE NAME	L.COOK
PSL DEPARTMENT	ZONAL ISOLATION	LOCATION	55365 ROCK SPRINGS
COMPANY	J.M. HUBER	CUSTOMER REP / PHONE	LARRY SESSIONS
TICKET AMOUNT		WELL TYPE	02 GAS
API/UWI #		WELL LOCATION	NORTH OF PRICE
DEPARTMENT	CEMENTING SERVICES 10003	SAP BOMB NUMBER	7521
Description	9 5/8 SURFACE	LEASE NAME	HUBER STATE
Well No.	#1-35	SEC / TWP / RNG	SEC T R

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS		HRS		HRS		HRS
L. COOK 122022	10.0	G.SERMON 242578	10.0	D. REYNALDS	5.0	H. JONES 248360	5.0
R. MCDONALD 121406	5.0	W.MOUNT 247118	10.0				

H.E.S. UNIT #'S / (R / T MILES)	R / T MILES		R / T MILES		R / T MILES		R / T MILES
421356 PICKUP		10243540 77088					

Form. Name _____ Type: _____
Form. Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Retainer Depth _____ Total Depth 2,060

	Called Out	On Location	Job Started	Job Completed
Date	APRIL 15, 2002	APRIL 15.	APRIL 16,	APRIL 16,
Time	1330	1700	0719	0908

Tools and Accessories

Type and Size	Qty	Make
Float Collar	1	HES INSERT
Float Shoe	1	HES
Centralizers	3	HES
Bottom Plug		
Top Plug	1	HES
PDF Collar		
PDF Shoe		
Packer		
DV Tool		
Guide Shoe		
Plug Set		
Weld-a	1	HES

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	36.0	9 5/8	J-55	0	1,995	2,816
Casing							
Liner							
Liner Tie Back							
Tubing							
Tubing							
Drill Pipe							
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials And Tank Strap

Mud Type H20 Density 8.33 Lb/Gal
Disp. Fluid H20 Density 8.33 Lb/Gal

Plug #1 Set at _____ to _____ Ft _____ Sks
Plug #2 Set at _____ to _____ Ft _____ Sks
Plug #3 Set at _____ to _____ Ft _____ Sks
Plug #4 Set at _____ to _____ Ft _____ Sks
Plug #5 Set at _____ to _____ Ft _____ Sks
Plug #6 Set at _____ to _____ Ft _____ Sks
Plug #7 Set at _____ to _____ Ft _____ Sks
Plug #8 Set at _____ to _____ Ft _____ Sks

Beging Strap _____ EndStrap _____ Lead Cmt
Beging Strap _____ EndStrap _____ Lead Cmt
Beging Strap _____ EndStrap _____ Lead Cmt
Beging Strap _____ EndStrap _____ Lead Cmt
Beging Strap _____ EndStrap _____ Tail Cmt
Beging Strap _____ EndStrap _____ Tail Cmt

Hours On Location

Date	Hours
APRIL,15	5.00
APRIL, 16	5.00
Total	10.0

Operating Hours

Date	Hours
APRIL 15,	2.50
APRIL 16,	2.00
Total	4.5

Description of Job

Hydraulic Horsepower

Ordered _____ Avail. _____ Used _____

Average Rates in BPM

Treating _____ Disp. 4 Overall _____

Cement Left in Pipe

Feet 46.20 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal	BBLs
1	1070	AG-300	Bulk/Sks	2% CALCIUM CHLORIDE, .125#/SK.POLY E FLAKE	5.22	1.20	15.60	228.7
								0.0
								0.0
								0.0
								0.0

Summary

Circulating _____ Displacement _____ Preflush: Gal - BBl 10 Type: H20
Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBl _____ Pad:Bbl -Gal _____
Lost Returns-YES _____ Lost Returns-NO NO Excess /ReturnGal BBl _____ Calc.Disp Bbl 150
Cmt Rtrn#Bbl _____ Actual TOC _____ Calc. TOC: _____ Actual Disp. 132
Average _____ Frac. Gradient _____ Treatment: Gal - BBl _____ Disp:Bbl-Gal 132
Shut In: Instant _____ 15 Min. _____ 30 Min. _____ Cement Slurry: Gal - BBl 229
Total Volume Gal - BBl 239

Frac Ring #1 Frac Ring # 2 Frac Ring # 3 Frac Ring # 4

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE **LARRY SESSIONS**

SIGNATURE

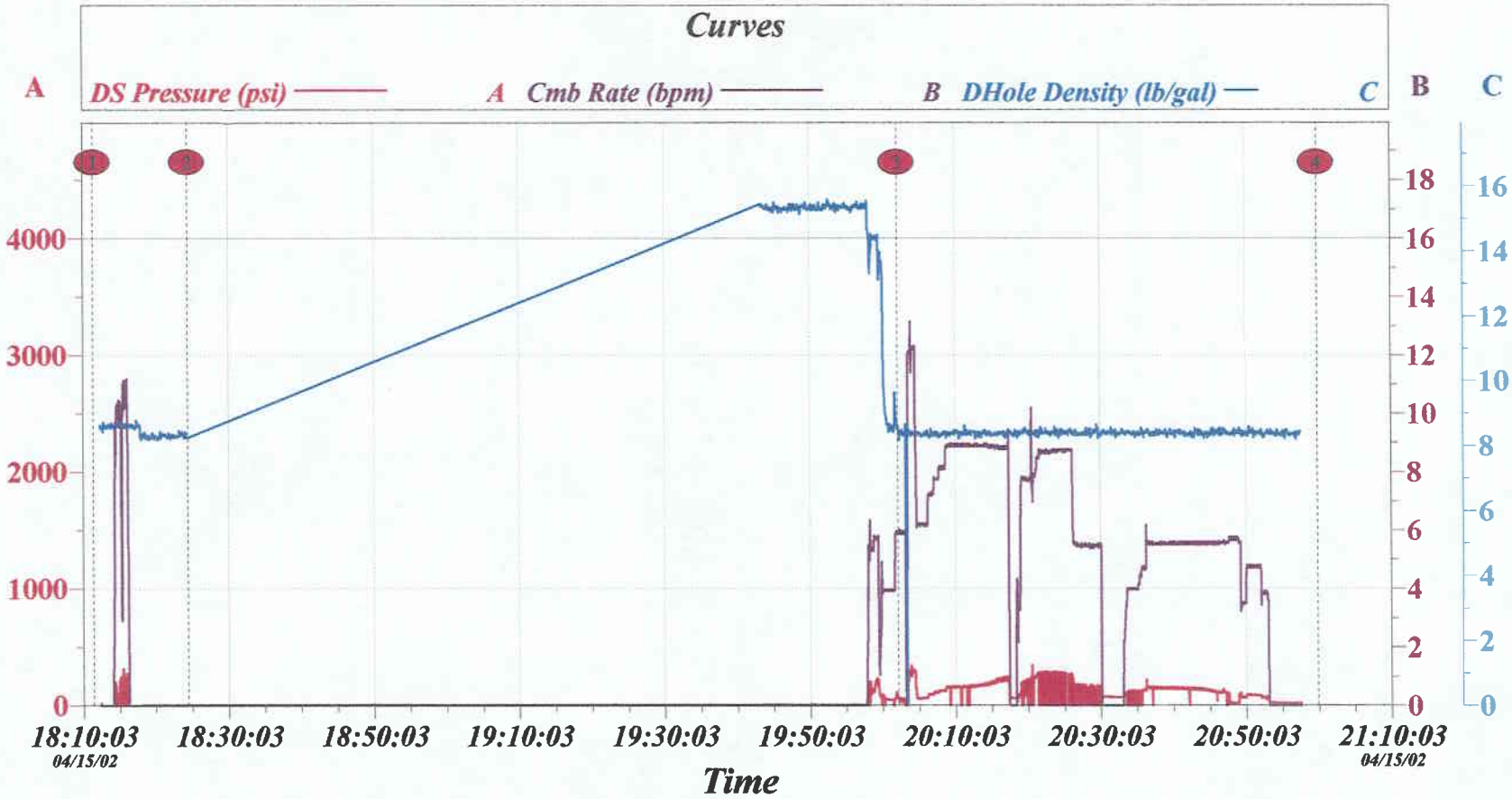
Halliburton

Job Log

TICKET # 1822139	TICKET DATE 04/15/02		
REGION NORTH AMERICA LAND	NWA / COUNTRY WESTERN	BDA / STATE DENVER, CO	COUNTY
MBU ID / EMPL # G2487 122022	H.E.S EMPLOYEE NAME L.COOK	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION 55365 ROCK SPRINGS	COMPANY J.M. HUBER	CUSTOMER REP / PHONE LARRY SESSIONS	
TICKET AMOUNT	WELL TYPE 02 GAS	API/UWI #	
WELL LOCATION NORTH OF PRICE	DEPARTMENT CEMENTING SERVICES 10003	JOB PURPOSE CODE 7521	
LEASE / WELL # HUBER STATE	Well No. #1-35	SEC / TWP / RNG SEC T R	

Chart No.	Time	Rate (BPM)	Volume (BBL/GAL)	Pmps T	Pmps C	Press. (PSI) Tbg	Press. (PSI) Csg	Job Description / Remarks
RIL 15, 2002	1330							CALL OUT TIME
APRIL 15.	1700							ON LOCATION
	1710							PREJOB SAFETY MEETING
	1725							RIG UP
	1800							SAFETY MEETING
	1810							START JOB
	1813	1.0	1.0				1500	TEST LINES
	182	10.0	2.0				67	PUMP H20 SPACER
								SHUT DOWN, COULDN'T GET PRODDUCT FROM BIN
								BIN MOTOR SHUT DOWN
	1824							PUMP CEMENT AG-300, @15.6#
								SHUT DOWN, COULDN'T GET PRODDUCT FROM BIN
	2002	5.0	300.0					CIRCULATE CEMENT TO SURFACE
								WORK ON BIN
	2100							GOT BIN RUNNING FLUFFED CEMENT
	2215							LEFT LOCATION
	0600							ON LOCATION
	0610							PREJOB SAFETY MEETING
	0700							SAFETY MEETING
	0719	1.0	1.0				2500	START JOB,& TEST LINES
	0723	2.0	10.0				210	PUMP H2O SPACER
	0748	5.0	228.0				389	PUMP CEMENT PREMIUM AG-300 @15.6#
	0829							SHUT DOWN, DROP PLUG
	0831	4.0	132.0				896	PUMP DISPLACEMENT
	0902						3100	BUMP PLUG
	0904							CHECK FLOATS, FLOATS HELD
	0910							POST JOB SAFETY MEETING
	0925							RIG DOWN
	1030							LEAVE LOCATION
								THANK YOU FROM L. COOK AND CREW

Zonal Isolation



Event Log

1	Start Job	18:11:27	2	Mix Cement	18:24:27
3	Circulate Cement to Surface	20:02:08	4	End Job	20:59:55

Customer:J.M. HUBER Well Description:HUBER STATE 1-35 9 5/8 SURFACE CASING	Job Date:APRIL 15,2002 LARRY SESSIONS	Ticket #:1822139 L. COOK

HALLIBURTON

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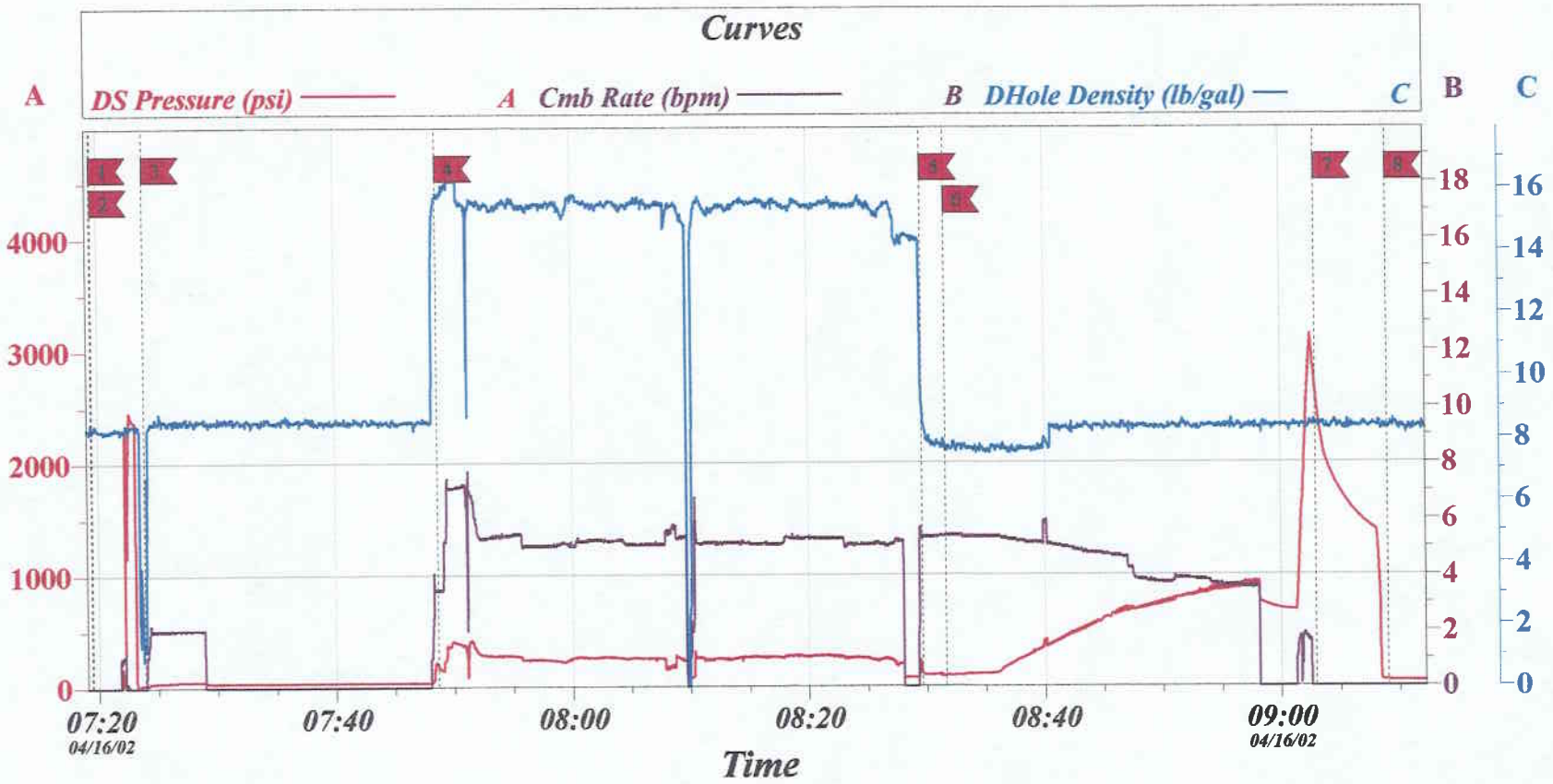
16-Apr-02 09:56

Zonal Isolation



Event Log

1 Start Job	07:19:23	3 Test Lines	07:19:27	5 Pump Spacer 1	07:23:52
4 Pump Cement	07:48:39	6 Shut Down & Drop Plug	08:29:39	7 Pump Displacement	08:31:36
2 Bump Plug	09:02:58	8 End Job	09:08:59		

Customer: J.M. HUBER HUBER STATE #1-35 9 5/8 SURFACE CASING	Job Date:APRIL 16,2002 LARRY SESSIONS	Ticket #:1822139 L. COOK

HALLIBURTON

CemWin v1.3.0
16-Apr-02 09:38

FORM 6

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator: J. M. Huber Corporation

Operator Account Number: N 2380

Address: 1050 17th St. Suite #700

City Denver

State CO zip 80265

Phone Number: 303-825-7900

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-013-32308	Huber-State 1-35 WDW	SWSW	35	11S	10E	Duchesne

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	13472	04/12/2002	4-29-02

Comments:

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Gary J. Johnson

Name (Please Print)

Signature

Consulting Petroleum Engineer

Title

Date

J.M. HUBER

f.6

HUBER STATE
12785

API Well No.:
43-013-32308

05/16/2002
DUCHESNE

7" 2 STAGE PRODUCTION

Customer Representative:
GARY JOHNSON
Halliburton Operator:
Corey Reynolds 212159
Ticket No.:
1864066

HALLIBURTON

CEMENT JOB SUMMARY SHEET

Job Type 7" 2 STAGE PRODUCTION

	Size	Weight	Grade	Measured Depth
Casing	7"	26		6,409
Drill Pipe				
Tubing				
Hole Size	8 3/4			
Mud Weight				

CEMENT DATA

Spacer 30 Bbls H20/SUPERFLUSH

Cement 1 PREMAG300 200 Sacks
Additives .125# POLY E FLAKE,.5%HALAD-9,2% GEL,2% MICROBOND,.1%SUPER CBL,.3% CFR-3

Weight (lb/gal) 14.50 Yield (cuft/sk) 1.43 Water (gal/sk) 6.82

Cement 2 HLC "G" 750 Sacks
Additives 65%CEMENT,35%POZ,6%POZ,3%SALT(BWOW),1%MICROBOND,.125# POLY E FLAKE

Weight (lb/gal) 12.70 Yield (cuft/sk) 1.84 Water (gal/sk) 9.90

Cement 3 PREMAG300 100 Sacks
Additives .125# POLY E FLAKE

Weight (lb/gal) 15.60 Yield (cuft/sk) 1.18 Water (gal/sk) 5.19

Displacement H20 8.33 (lb/gal)

CEMENTING EQUIPMENT

Provider HES SSII

Guide Shoe	ea.	Centralizers	22 ea.
Float Shoe	1 ea.	Plug Type	1 ea.
Float Collar	1 ea.	Packer	ft.
DV Tool	ft.	Retainer	ft.

Halliburton

JOB SUMMARY

SALES ORDER NUMBER	1064066	TICKET DATE	05/16/02
REGION	NORTH AMERICA	COUNTRY	ROCKY MOUNTAIN
BDA /	UT	COUNTY	DUCHESNE
MBU ID / EMPL #	212159	H.E.S EMPLOYEE NAME	Corey Reynolds 212159
PSL DEPARTMENT	ZONAL ISOLATION	LOCATION	VERNAL, UTAH
COMPANY:	J.M. HUBER	CUSTOMER REP / PHONE	GARY JOHNSON
TICKET AMOUNT		WELL TYPE	02 GAS
API/UWI #	43-013-32308	WELL LOCATION	DUCHESNE COUNTY
DEPARTMENT	ZONAL ISOLATION 100003	SAP BOMB NUMBER	
Description	7" 2 STAGE PRODUCTION	LEASE NAME	HUBER STATE
Well No.	12785	SEC / TWP / RNG	SEC 35/TWP 11 S./RNG 10 E.

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS		HRS		HRS		HRS
Corey Reynolds 212159	15.5	Vern Merkley 121830	15.5				
Dave Richmond 224104	15.5	Dennis Salisbury 122249	15.5				
Shane Richmond 241364	15.5						
Don Reynolds 121480	15.5						

H.E.S. UNIT #'S / (R / T MILES)	R / T MILES		R / T MILES		R / T MILES		R / T MILES
422597	100	54170	100	7650	100		
10264848-77066	100	75415	100				
422592	100	54056	100				
52827	100	4420	100				

Form. Name _____ Type: _____
Form. Thickness _____ From _____ To _____
Packer Type _____ Set At _____
Bottom Hole Temp. _____ Pressure _____
Retainer Depth _____ Total Depth _____

	Called Out	On Location	Job Started	Job Completed
Date	05/16/02	05/16/02	05/16/02	05/17/02
Time	0730	1130	1800	0300

Tools and Accessories

Type and Size	Qty	Make
Float Collar 7"	1	HES SSII
Float Shoe	1	HES SSII
Centralizers	22	HES
Top Plug	1	PLUG SET
Limit Clamp	2	
DV Tool	1	HES TYPE P
BASKETS	2	HES
Guide Shoe		
Weld-A	2	HES

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	N	26.0	7"		0	6,409	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4				Shots/Ft.
Perforations							
Perforations							
DV Tool			7"			5,470	

Materials

Mud Type _____ Density _____ Lb/Gal
Disp. Fluid H20 Density 8.33 Lb/Gal
Prop. Type _____ Size _____ Lb _____
Prop. Type _____ Size _____ Lb _____
Acid Type _____ Gal. _____ % _____
Acid Type _____ Gal. _____ % _____
Surfactant _____ Gal. _____ In _____
NE Agent _____ Gal. _____ In _____
Fluid Loss _____ Gal/Lb _____ In _____
Gelling Agent _____ Gal/Lb _____ In _____
Fric. Red. _____ Gal/Lb _____ In _____
Breaker _____ Gal/Lb _____ In _____
Blocking Agent _____ Gal/Lb _____
Perfpac Balls _____ Qty. _____
Other _____
Other _____
Other _____
Other _____
Other _____

Operating Hours

Date	Hours	Date	Hours
5/16	12.5	5/16	3.0
5/17	3.0	5/17	2.0
Total	15.5	Total	5.0

Description of Job

SEE JOB LOG

SET 7" CASING AS PER COMPANY MAN

Hydraulic Horsepower
Ordered _____ Avail. _____ Used _____

Average Rates in BPM
Treating 6 Disp. 6 Overall 5

Cement Left in Pipe
Feet 38.93 Reason Shoe Joint

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	200	PREMAG300	B	.125# POLY E FLAKE,.5%HALAD-9,2% GEL,2% MICROBOND,.1%SUPER CE	6.82	1.43	14.5
2	760	HLC "G"	B	65%CEMENT,35%POZ,6%POZ,3%SALT(BWOW),1%MICROBOND,.125# POL	9.90	1.84	12.7
3	100	PREMAG300	B	.125# POLY E FLAKE	5.19	1.18	15.6

Summary

Circulating _____ Displacement _____
Breakdown _____ Maximum _____
Lost Returns-YES YES Lost Returns-NO _____
Cmt Rtrn#Bbl _____ Actual TOC _____
Average _____ Frac. Gradient _____
Shut In: Instant _____ 5 Min. _____ 15 Min. _____

Preflush:	Gal - BBl	30	Type: H20/SUPERFLUSH
Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal
Excess /Return	Gal BBl		Calc.Disp Bbl 243
Calc. TOC:		SURFACE	Actual Disp. 243
Treatment:	Gal - BBl		Disp:Bbl-Gal BBL
Cement Slurry	Gal - BBl	297	
Total Volume	Gal - BBl	570	

Frac Ring #1 | Frac Ring # 2 | Frac Ring # 3 | Frac Ring # 4

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE X _____
SIGNATURE

Halliburton

JOB LOG

TICKET [illegible]64066	TICKET DATE 05/16/02		
REGION NORTH AMERICA LAND	NWA / COUNTRY ROCKY MOUNTAIN	BDA / STATE UT	COUNTY DUCHESNE
MBU ID / EMPL # #	H.E.S EMPLOYEE NAME Corey Reynolds 212159	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION VERNAL, UTAH	COMPANY J.M. HUBER	CUSTOMER REP / PHONE GARY JOHNSON	
TICKET AMOUNT	WELL TYPE 02 GAS	API/UWI # 43-013-32308	
WELL LOCATION DUCHESNE COUNTY	DEPARTMENT ZONAL ISOLATION 100003	JOB PURPOSE CODE 7" 2 STAGE PRODUCTION	
LEASE / WELL # HUBER STATE	Well No. ###	SEC / TWP / RNG SEC 35/TWP 11 S./RNG 10 E.	

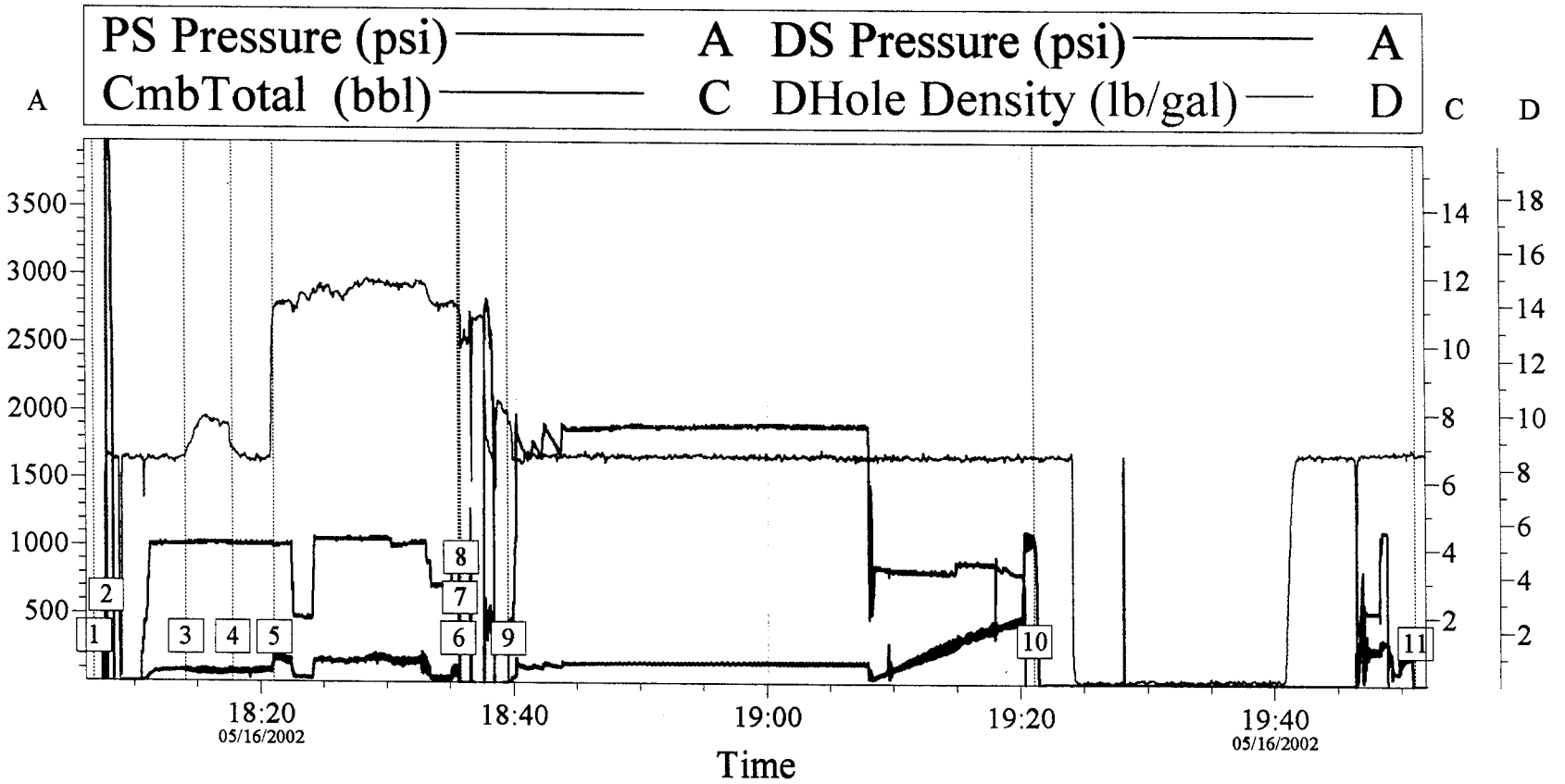
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T	Pmps C	Press.(PSI) Tbg	Press.(PSI) Csg	Job Description / Remarks
	1130							ARRIVE ON LOCATION 05/16/02
	1700							CONDUCT LOCATION ASSESSMENT SAFETY MEETING
	1700							SPOT EQP. AND RIG UP
	1800							START JOB
	1812	1.0					4000	PRESSURE TEST TO 4000 PSI
	1816	4.0					86	START 10 BBLS H20
	1819	4.0	10.0				88	END H20
	1819	4.0					88	START 10 BBLS SUPERFLUSH
	1822	4.0	10.0				77	END SUPERFLUSH
	1822	4.0					77	START 10 BBLS H20
	1826	4.0	10.0				170	END H20
	1826	4.0					170	START 200 SKS CEMENT @ 14.5#
	1835		52.0					END CEMENT, SHUT DOWN
	1835							DROP PLUG WASH PUMP AND LINES
	1842	7.0					130	START 243 BBSL DISPLACEMENT
	1847	7.5	20.0				190	INCREASE RATE
	1913	3.5	200.0				78	SLOW RATE
	1925	3.5	243.0				1100	LAND PLUG, SHUT DOWN
	1926							RELEASE PRESSURE TO CHECK FLOAT
								FLOATS HELD
	1936							DROP OPENING BOMB, WAIT 15 MINUTES
	1951	2.0					20	START PUMPING
	1952	2.0	1.0				900	DV TOOL OPENS, CONTINUE PUMPING
	1953	4.0	3.0				315	INCREASE RATE
	1954		10.0					SHUT DOWN, SWAP LINES TO RIG PUMP
	1955							RIG CIRCULATES, WAIT FOR 4 HOURS
	2000							END FIRST STAGE

CONTINUED ON NEXT PAGE

Halliburton

Ticket Number	Company	Lease and Well Number	Well No.	Date	
1864066	J.M. HUBER	HUBER STATE	##	05/16/02	2

Chart No.	Time	Rate	Volume	Pumps T	Pumps C	Press (PSI) Tbg	Press (PSI) Csg	Job Description / Remarks
	2300							START SECOND STAGE
	2339	1.0					4000	PRESSURE TEST TO 4000 PSI
	2343	4.0					106	START 10 BBLS H20
	2345	6.0	10.0				211	END H20
	2345	6.0					211	START 10 BBLS SUPERFLUSH
	2347	6.5	10.0				192	END SUPERFLUSH
	2347	6.5					192	START 10 BBLS H20
	2350	6.5	10.0				160	END H20
	2350	6.5					160	START 750 SKS LEAD CEMENT @ 12.7#
	2351	7.5	10.0				250	INCREASE RATE
	0036	4.0	275.0				70	END LEAD CEMENT
	0036	4.0					70	START 100 SKS TAIL CEMENT
	0044		25.0					END TAIL CEMENT, SHUT DOWN
	0044							DROP PLUG, WASH PUMP AND LINES
	0046	7.0					160	START 209 BBLS DIPLACEMENT
	0112	5.5	180.0				556	SLOW RATE
	0115	5.0	195.0				630	LOST RETURNS
	0118	4.5	209.0				2100	LAND PLUG, PRESSURE UP TO CLOSE DV TOOL
	0120							RELEASE PRESSURE TO CHECK TOOL
								TOOL CLOSED
	0200							SAFETY MEETING AND RACK UP
								0 BBLS CEMENT RETURNS TO SURFACE
	0300							END JOB
	0300							RELEASED BY COMPANY MAN
								THANK YOU, COREY, DAVE, AND CREW



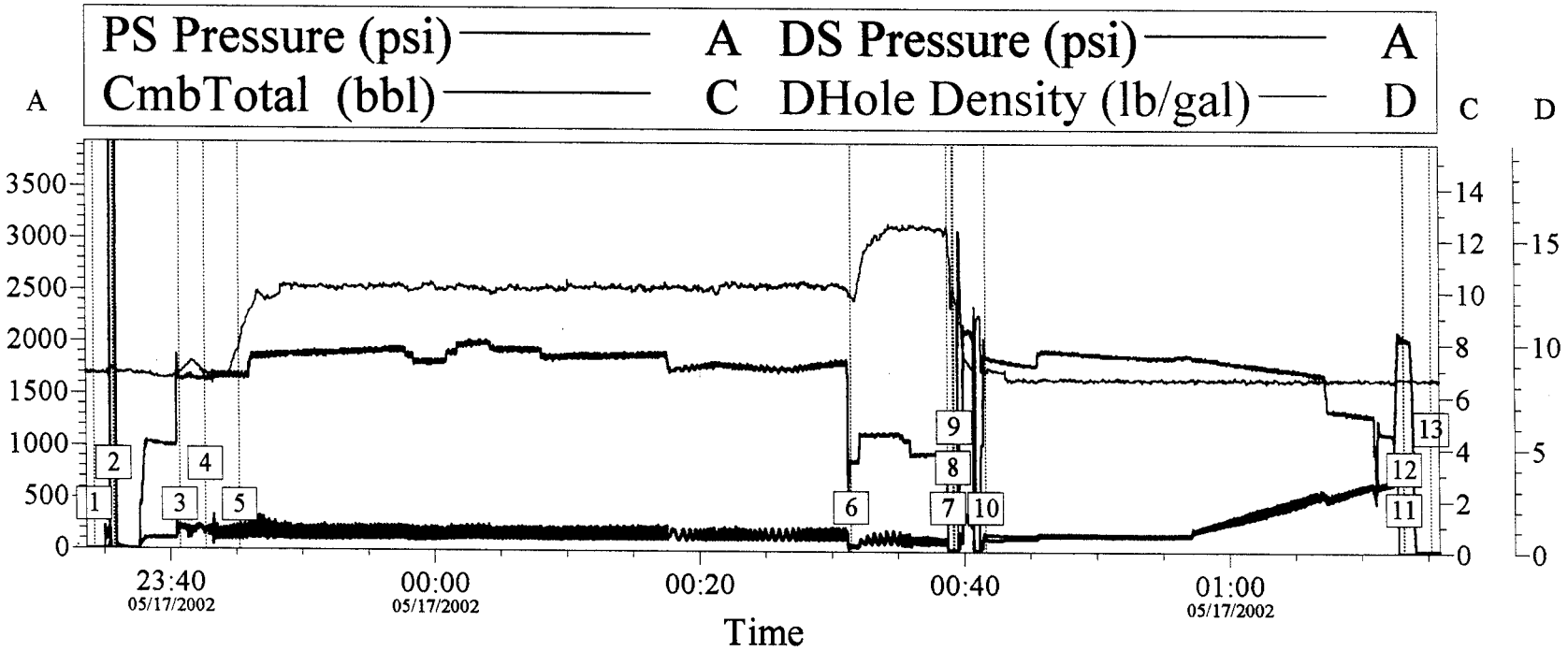
Event Log

1	Start Job	18:06:48	2	Test Lines	18:07:46	3	Pump Spacer 1	18:14:05
4	Pump Spacer 2	18:17:47	5	Pump Cement	18:21:04	6	Shutdown	18:35:38
7	Clean Lines	18:35:44	8	Drop Top Plug	18:35:51	9	Pump Displacement	18:39:34
10	Bump Plug	19:21:05	11	End Job	19:51:06			

Customer: J.M. HUBER	Job Date: 16-MAY-2002	Ticket #: 1864066
Well Description: HUBER STATE #1-35 Stg PRODUCTION	UWI: 43-013-32308	

HALLIBURTON

CemWin v1.5.0
16-May-02 19:59



Event Log

1	Start Job	05/17/2002 23:34:16	2	Test Lines	05/17/2002 23:35:44
3	Pump Spacer 1	05/17/2002 23:40:44	4	Pump Spacer 2	05/17/2002 23:42:41
5	Pump Lead Cement	05/17/2002 23:45:15	6	Pump Tail Cement	05/17/2002 00:31:27
7	Shutdown	05/17/2002 00:38:45	8	Clean Lines	05/17/2002 00:39:09
9	Drop Top Plug	05/17/2002 00:39:14	10	Pump Displacement	05/17/2002 00:41:36
11	Bump Plug	05/17/2002 01:13:08	12	Shutdown	05/17/2002 01:13:11
13	End Job	05/17/2002 01:15:13			

Customer: J.M.HUBER	Job Date: 17-MAY-2002	Ticket #: 1864066
Well Description: HUBER STATE #1-35 Stg PRODUCTION	UWI: 43-013-32308	

HALLIBURTON

CemWin v1.5.0
17-May-02 01:26

To: Mike Hebertson
Utah Div. of Oil Gas & Mining
FAX 801-359-3940

TOTAL 13 sheets

From: Gary Johnson
J.M. Huber Corp
435-613-9490

RECEIVED
JUN 07 2002
DIVISION OF
OIL, GAS AND MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: 1-35 WDW
9. API NUMBER: 4301332308
10. FIELD AND POOL, OR WILDCAT: Castlegate

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal
2. NAME OF OPERATOR: J. M. Huber Corporation
3. ADDRESS OF OPERATOR: 1050 17th Street,#700 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 825-7900
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: Test Water Quality
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Plan to drill out DV tool at 5465'. Clean out well to PBTD at approximately 6360'. Run Cement Bond Log across entire well. Pressure test casing to 3000 psi. Perforate Spring Canyon zone at 5772' to 5826' and 5850' to 5885' with 4 shots per foot. The well will be swab tested with a packer set at approximately 5740' to recover fluid samples from the Spring Canyon zone. Samples of fluid recovered will be analyzed for TDS and composition to see if Spring Canyon zone is suitable for water disposal.

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer
SIGNATURE Gary J. Johnson DATE 6/6/2002

(This space for State use only)

RECEIVED
JUN 07 2002
DIVISION OF
OIL, GAS AND MINING

(5/2000) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: State 1-35 WDW

9. API NUMBER: 4301332308

10. FIELD AND POOL, OR WILDCAT: Castlegate

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal

2. NAME OF OPERATOR: J. M. Huber Corporation

3. ADDRESS OF OPERATOR: 17th Street,#700 CITY Denver STATE CO ZIP PHONE NUMBER: (303) 825-7900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
6/6/2002	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Test Water Quality
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

05/30/02 Drilled out DV Tool at 5465' KB. Cleaned out hole to 6356' KB.

05/31/02 Ran Cement Bond Log over interval 6337' to 3550' KB with no pressure. Reran log with 1000 psi with no noticeable change. Bond looks adequate over proposed injection zone and injection zone is isolated from all other zones.

06/04/02 Pressure tested casing to 3000 psi. Held good for 10 minutes. Perforated 7" casing at 5772' to 5826' and 5850' to 5885' KB with 4 shots per foot. Ran packer and set at 5740' KB. Made 2 swab runs and recovered 14.25 BBL load water.

06/05/02 Swabbed fluid from formation. Made 20 runs. Recovered 130.5 BBL water with a small amount of gas on each swab run. Sent 3 water samples to Unichem for analysis. See attached Swab Detail Report.

06/06/02 Swabbed fluid from formation. Made 12 swab runs. Recovered 96 BBL water. Took 6 samples to Commercial Testing and Engineering for analysis. Took 3 samples to Unichem for analysis and compatibility tests. See attached Swab Detail Report.

Unichem analysis of first 3 samples attached.

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE 6/6/2002

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

J. M. Huber Corp.
Huber-State 1-35 WDW
Swab Detail Report
6/5/2002

RIG UP SWAB, FOUND FLUID AT 1100'. MADE 18 SWAB RUNS AS FOLLOWS: (SENT 3 SAMPLES TO VERNAL TO UNICHEM LAB)

RUN	FLUID @	SWAB FROM	RECOVERY	CONDUCTIVIT	TDS LAB	ph	Cl	HCO3
				mS/cm	ppm			
1	1100'	2400'	6 BBL	9.67				
2	2000'	3600'	9 BBL	12.48	9970	8.5	2800	3660
3	2800'	4000'	7.5 BBL					
4	3300'	4800'	6 BBL					
5	3700'	5700'	7.5 BBL					
6	2800'	5700'	9 BBL	12.56	11017	8.7	3540	3660
7	3800'	5700'	6 BBL					
8	3600'	5700'	3 BBL					
9	3600'	5700'	9 BBL	12.32	12108	8.7	4250	3600
10	2800'	5700'	7.5 BBL					
11	3300'	5700'	6 BBL					
12	3500'	5700'	6 BBL	12.39				
13	3500'	5700'	7.5 BBL					
14	3400'	5700'	6 BBL					
15	3300'	5700'	6 BBL	12.56				
16	3600'	5700'	6 BBL					
17	4000'	5700'	4.5 BBL					
18	4600'	5700'	3 BBL	12.39				

SHUT DOWN FOR 1 HOUR TO LET FLUID BUILD UP. RECOVERING SMALL AMOUNT OF GAS WITH EACH RUN.

MADE TWO MORE SWAB RUNS AS FOLLOWS:

19	3700'	5700'	9 BBL	13.00				
20	4000'	5700'	6 BBL	12.76				
TOTAL			130.5 BBL					

FOR COMPARISON: PIT WATER FROM ALL WELLS	9702	7.8	1060	5856

J. M. Huber Corp.
Huber-State 1-35 WDW
Swab Detail Report
6/6/2002

RIG UP SWAB, WELL HAD 20 PSI ON TUBING, BLOW WELL DOWN, FOUND FLUID AT 1000'. MADE 12 SWAB RUNS AS FOLLOWS:

RUN	FLUID @	SWAB FROM	REC.	COND.	TDS LAB	ph	Cl	HCO3
1	1000'	2000	6 BBL	12.44				
2	1600'	3600'	6.5 BBL					
3	2000'	5000'	9 BBL					
4	3800'	5700'	9 BBL	12.52				
5	3800'	5700'	8 BBL					
6	4000'	5700'	6 BBL	12.23				
7	4500'	5700'	1.5 BBL					
8	3200'	5700'	9 BBL	12.38				
9	2000'	5700'	12 BBL					
10	2800'	5700'	10 BBL					
11	2700'	5700'	10.5 BBL					
12	3000'	5700'	9 BBL					
TOTAL			96 BBL					

3 samples from 06/05/02 and 3 samples from 06/06/02 taken to Commercial Testing and Engineering for analysis
3 samples from 06/06/02 taken to Unichem for analysis and compatibility testing.

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401758	Sample Date:	06/05/2002
Specific Gravity:	1.008		
TDS:	9970		
pH:	8.50		

Cations:	mg/L	as:
Calcium	80	(Ca^{++})
Magnesium	0	(Mg^{++})
Sodium	3220	(Na^{+})
Iron	80.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.30	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	3660	(HCO_3^-)
Silica	0.00	(SiO_2)
Sulfate	130	($SO_4^{=}$)
Chloride	2800	(Cl^-)
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:
Run 2 330-4800
Potssium=90ppm
Ammonia=10ppm

Analytical Laboratory Report for:
JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401759	**Sample Date:**	06/05/2002
Specific Gravity:	1.008		
TDS:	11017		
pH:	8.70		

Cations:	**mg/L**	**as:**
Calcium	80	(Ca^{++})
Magnesium	0	(Mg^{++})
Sodium	3580	(Na^{+})
Iron	47.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	3660	(HCO_3^{-})
Silica	0.00	(SiO_2)
Sulfate	100	($SO_4^{=}$)
Chloride	3540	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	1	(H_2S)

Lab Comments:
Run 6 2600-5700
Potassium=90ppm
Ammonia=9ppm

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401760	**Sample Date:**	06/05/2002
Specific Gravity:	1.009		
TDS:	12108		
pH:	8.70		

Cations:	**mg/L**	**as:**
Calcium	80	(Ca^{++})
Magnesium	0	(Mg^{++})
Sodium	4006	(Na^{+})
Iron	92.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	3600	(HCO_3^-)
Silica	0.00	(SiO_2)
Sulfate	80	($SO_4^{=}$)
Chloride	4250	(Cl^-)
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:
Run 9 3200-5700
Potassium=68ppm
Ammonia=8ppm

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal
8. WELL NAME and NUMBER: 1-35 WDW
2. NAME OF OPERATOR: J. M. Huber Corporation
9. API NUMBER: 4301332308
3. ADDRESS OF OPERATOR: 1050 17th Street,#700 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 825-7900
10. FIELD AND POOL, OR WILDCAT: Castlegate
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☑ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Test injectivity
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well is perforated in the Spring Canyon zone at 5772' to 5826' and 5850' to 5885' KB. Plan to acidize this interval to increase productivity. Plan to use 5000 gallons 15% HCl acid. Plan to use frac balls to divert acid to open all perforations. Plan to swab back acid and swab test zone to evaluate success of stimulation.

After acidizing, it is planned to test the injectivity of this formation by doing a step rate injection test. The test will be conducted at rates of 1, 2, 3 and 4 barrels per minute for 4 hours at each rate. Bottom hole pressure will be monitored during test. Water to be injected and formation water will be tested for compatibility prior to test.

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer
SIGNATURE Gary J. Johnson DATE 6/6/2002

(This space for State use only)

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) All Wells
2) 1-35 5;00
3) 1-35 3;30
4) 1-35 2;00

Report Date: 06-07-2002

SATURATION LEVEL	
Calcite (CaCO3)	80.00
Aragonite (CaCO3)	67.79
Anhydrite (CaSO4)	0.00126
Gypsum (CaSO4*2H2O)	0.00152
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	295581
Siderite (FeCO3)	56870
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)	
Calcite (CaCO3)	13.96
Aragonite (CaCO3)	13.92
Witherite (BaCO3)	-0.306
Strontianite (SrCO3)	-0.0559
Anhydrite (CaSO4)	-693.62
Gypsum (CaSO4*2H2O)	-705.49
Barite (BaSO4)	-0.418
Hydroxyapatite	-309.23
Iron hydroxide (Fe(OH)3)	< 0.001
Siderite (FeCO3)	4.25
Iron sulfide (FeS)	>-0.001

SIMPLE INDICES	
Langelier	2.59
Stiff Davis Index	2.45

BOUND IONS	TOTAL	FREE
Calcium	56.57	16.25
Barium	0.00	0.00
Carbonate	1707	488.62
Phosphate	0.00	0.00
Sulfate	78.75	68.75

OPERATING CONDITIONS

Temperature (°F)	100.00
Time(mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401774	**Sample Date:**	06/06/2002
Specific Gravity:	1.010		
TDS:	13334		
pH:	8.80		

Cations:	**mg/L**	**as:**
Calcium	40	(Ca^{++})
Magnesium	24	(Mg^{++})
Sodium	4140	(Na^{+})
Iron	80.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	6100	(HCO_3^{-})
Silica	0.00	(SiO_2)
Sulfate	150	($SO_4^{=}$)
Chloride	2800	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:
2:00 2000-5700
Ammonia =7ppm
Potassium=83ppm

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401775	**Sample Date:**	06/06/2002
Specific Gravity:	1.011		
TDS:	14398		
pH:	8.80		

Cations:	mg/L	as:
Calcium	18	(Ca^{++})
Magnesium	24	(Mg^{++})
Sodium	4534	(Na^{+})
Iron	82.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	mg/L	as:
Bicarbonate	6100	(HCO_3^-)
Sulfate	100	($SO_4^=$)
Chloride	3540	(Cl^-)
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:
3:00 2000-5700
Ammonia=10ppm
Potassium=85ppm

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401776	**Sample Date:**	06/06/2002
Specific Gravity:	1.010		
TDS:	14167		
pH:	8.60		

Cations:	mg/L	as:
Calcium	48	(Ca^{++})
Magnesium	24	(Mg^{++})
Sodium	4425	(Na^{+})
Iron	84.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	mg/L	as:
Bicarbonate	5978	(HCO_3^-)
Silica	0.00	(SiO_2)
Sulfate	55	(SO_4^{--})
Chloride	3540	(Cl^-)
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:
5:00 2000-5700
Ammonia=8ppm
Potassium=87ppm

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal

8. WELL NAME and NUMBER: 1-35 WDW

2. NAME OF OPERATOR: J. M. Huber Corporation

9. API NUMBER: 4301332308

3. ADDRESS OF OPERATOR: 1050 17th Street,#700 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☑ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Test injectivity
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well is perforated in the Spring Canyon zone at 5772' to 5826' and 5850' to 5885' KB. Plan to acidize this interval to increase productivity. Plan to use 5000 gallons 15% HCl acid. Plan to use frac balls to divert acid to open all perforations. Plan to swab back acid and swab test zone to evaluate success of stimulation.

After acidizing, it is planned to test the injectivity of this formation by doing a step rate injection test. The test will be conducted at rates of 1, 2, 3 and 4 barrels per minute for 4 hours at each rate. Bottom hole pressure will be monitored during test. Water to be injected and formation water will be tested for compatibility prior to test.

COPY SENT TO OPERATOR
Date: 6-10-02
Initials: CHD

* APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-10-02
BY: [signature]

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE 6/6/2002

(This space for State use only)
* Conditions of Approval:
Not to exceed formation parting pressure during injection test.

(5/2000) (See Instructions on Reverse Side)

JUN 11 2002
DIVISION OF OIL, GAS AND MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal

8. WELL NAME and NUMBER: 1-35 WDW

2. NAME OF OPERATOR: J. M. Huber Corporation

9. API NUMBER: 4301332308

3. ADDRESS OF OPERATOR: 1050 17th Street,#700 CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: Test Water Quality
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Plan to drill out DV tool at 5465'. Clean out well to PBTD at approximately 6360'. Run Cement Bond Log across entire well. Pressure test casing to 3000 psi. Perforate Spring Canyon zone at 5772' to 5826' and 5850' to 5885' with 4 shots per foot. The well will be swab tested with a packer set at approximately 5740' to recover fluid samples from the Spring Canyon zone. Samples of fluid recovered will be analyzed for TDS and composition to see if Spring Canyon zone is suitable for water disposal.

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 6/10/02
By: [illegible]

RECEIVED
JUN 10 2002
DIVISION OF OIL, GAS AND MINING

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE 6/6/2002

(This space for State use only)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: State 1-35 WDW
9. API NUMBER: 4301332308
10. FIELD AND POOL, OR WILDCAT: Castlegate

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal
2. NAME OF OPERATOR: J. M. Huber Corporation
3. ADDRESS OF OPERATOR: 17th Street,#700 CITY Denver STATE CO ZIP — PHONE NUMBER: (303) 825-7900
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 540' FSL, 1135' FWL — COUNTY: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E S — STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
6/6/2002	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Test Water Quality
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

05/30/02 Drilled out DV Tool at 5465' KB. Cleaned out hole to 6356' KB.

05/31/02 Ran Cement Bond Log over interval 6337' to 3550' KB with no pressure. Reran log with 1000 psi with no noticeable change. Bond looks adequate over proposed injection zone and injection zone is isolated from all other zones.

06/04/02 Pressure tested casing to 3000 psi. Held good for 10 minutes. Perforated 7" casing at 5772' to 5826' and 5850' to 5885' KB with 4 shots per foot. Ran packer and set at 5740' KB. Made 2 swab runs and recovered 14.25 BBL load water.

06/05/02 Swabbed fluid from formation. Made 20 runs. Recovered 130.5 BBL water with a small amount of gas on each swab run. Sent 3 water samples to Unichem for analysis. See attached Swab Detail Report.

06/06/02 Swabbed fluid from formation. Made 12 swab runs. Recovered 96 BBL water. Took 6 samples to Commercial Testing and Engineering for analysis. Took 3 samples to Unichem for analysis and compatibility tests. See attached Swab Detail Report.

Unichem analysis of first 3 samples attached.

RECEIVED
JUN 10 2002
DIVISION OF OIL, GAS AND MINING

NAME (PLEASE PRINT) Gary J. Johnson — TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson — DATE 6/6/2002

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

J. M. Huber Corp.
Huber-State 1-35 WDW
Swab Detail Report
6/5/2002

RIG UP SWAB, FOUND FLUID AT 1100'. MADE 18 SWAB RUNS AS FOLLOWS: (SENT 3 SAMPLES TO VERNAL TO UNICHEM LAB)

RUN	FLUID @	SWAB FROM	RECOVERY	CONDUCTIVIT'	TDS LAB	ph	Cl	HCO3
				mS/cm	ppm			
1	1100'	2400'	6 BBL	9.47				
2	2000'	3600'	9 BBL	12.48	9970	8.5	2800	3660
3	2800'	4000'	7.5 BBL					
4	3300'	4800'	6 BBL					
5	3700'	5700'	7.5 BBL					
6	2800'	5700'	9 BBL	12.55	11017	8.7	3540	3660
7	3800'	5700'	6 BBL					
8	3800'	5700'	3 BBL					
9	3600'	5700'	9 BBL	12.32	12108	8.7	4250	3600
10	2800'	5700'	7.5 BBL					
11	3300'	5700'	6 BBL					
12	3500'	5700'	6 BBL	12.39				
13	3500'	5700'	7.5 BBL					
14	3400'	5700'	6 BBL					
15	3300'	5700'	6 BBL	12.56				
16	3600'	5700'	6 BBL					
17	4000'	5700'	4.5 BBL					
18	4600'	5700'	3 BBL	12.39				
SHUT DOWN FOR 1 HOUR TO LET FLUID BUILD UP. RECOVERING SMALL AMOUNT OF GAS WITH EACH RUN.								
MADE TWO MORE SWAB RUNS AS FOLLOWS:								
19	3700'	5700'	9 BBL	13.00				
20	4000'	5700'	6 BBL	12.76				
TOTAL			130.5 BBL					
FOR COMPARISON: PIT WATER FROM ALL WELLS					9702	7.8	1060	5856

RECEIVED
JUN 18 2002
DIVISION OF
OIL, GAS AND MINING

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401758	Sample Date:	06/05/2002
Specific Gravity:	1.008		
TDS:	9970		
pH:	8.50		

Cations:	mg/L	as:
Calcium	80	(Ca^{++})
Magnesium	0	(Mg^{++})
Sodium	3220	(Na^{+})
Iron	80.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.30	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	3660	(HCO_3^{-})
Silica	0.00	(SiO_2)
Sulfate	130	($SO_4^{=}$)
Chloride	2800	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	0	(H_2S)

Lab Comments:

Run 2 330-4800
Potssium=90ppm
Ammonia=10ppm

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	2002401759	Sample Date:	06/05/2002
Specific Gravity:	1.008		
TDS:	11017		
pH:	8.70		

Cations:	mg/L	as:
Calcium	80	(Ca^{++})
Magnesium	0	(Mg^{++})
Sodium	3590	(Na^{+})
Iron	47.00	(Fe^{++})
Barium	0.00	(Ba^{++})
Strontium	0.00	(Sr^{++})
Manganese	0.20	(Mn^{++})
Anions:	**mg/L**	**as:**
Bicarbonate	3660	(HCO_3^{-})
Silica	0.00	(SiO_2)
Sulfate	100	($SO_4^{=}$)
Chloride	3540	(Cl^{-})
Gases:		
Carbon Dioxide		(CO_2)
Hydrogen Sulfide	1	(H_2S)

Lab Comments:

Run 6 2800-5700
Potassium=90ppm
Ammonia=9ppm

Analytical Laboratory Report for:

JM Huber

BJ Unichem Chemical Services

UNICHEM Representative: G.W. Simper

Production Water Analysis

Listed below please find water analysis report from: 1-35, WDW

Lab Test No:	**2002401760**	**Sample Date:**	**06/05/2002**
Specific Gravity:	**1.009**		
TDS:	**12108**		
pH:	**8.70**		

Cations:	***mg/L***	**as:**
Calcium	**80**	**(Ca^{++})**
Magnesium	**0**	**(Mg^{++})**
Sodium	**4006**	**(Na^{+})**
Iron	**92.00**	**(Fe^{++})**
Barium	**0.00**	**(Ba^{++})**
Strontium	**0.00**	**(Sr^{++})**
Manganese	**0.20**	**(Mn^{++})**
Anions:	**mg/L**	**as:**
Bicarbonate	**3600**	**(HCO_3^{-})**
Silica	**0.00**	**(SiO_2)**
Sulfate	**80**	**($SO_4^{=}$)**
Chloride	**4250**	**(Cl^{-})**
Gases:		
Carbon Dioxide		**(CO_2)**
Hydrogen Sulfide	**0**	**(H_2S)**

Lab Comments:

Run 9 3200-5700

Potassium=88ppm

Ammonia=8ppm

J. M. Huber Corp.
Huber-State 1-35 WDW
Swab Detail Report
6/6/2002

RIG UP SWAB, WELL HAD 20 PSI ON TUBING, BLOW WELL DOWN, FOUND FLUID AT 1000'. MADE 12 SWAB RUNS AS FOLLOWS:

RUN	FLUID @	SWAB FROM	REC.	COND.	TDS LAB	ph	Cl	HCO3
1	1000'	2000	6 BBL	12.44				
2	1600'	3600'	6.5 BBL					
3	2000'	5000'	9 BBL					
4	3800'	5700'	9 BBL	12.52				
5	3800'	5700'	8 BBL					
6	4000'	5700'	6 BBL	12.23				
7	4500'	5700'	1.5 BBL					
8	3200'	5700'	9 BBL	12.38				
9	2000'	5700'	12 BBL					
10	2800'	5700'	10 BBL					
11	2700'	5700'	10.5 BBL					
12	3000'	5700'	9 BBL					
TOTAL			96 BBL					

3 samples from 06/05/02 and 3 samples from 06/06/02 taken to Commercial Testing and Engineering for analysis
3 samples from 06/06/02 taken to Unichem for analysis and compatibility testing.

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JUL 16 2002
DIVISION OF
OIL, GAS AND MINING

HUBER

A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

1050 17th St., Ste. 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dv_cpjaw@huber.cc
www.huber.com

June 20, 2002

Utah Division of Oil, Gas and Mining
Carol Daniels
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114

RECEIVED
JUN 24 2002
DIVISION OF
OIL, GAS AND MINING

RE: Form 8, Completion Report – Huber-State 1-35 WDW
Form 9, Sundry Notice
SWSW Sec 35-T11S-R10E
API # 43-013-32308

Dear Carol,

Enclosed you will find the Form 8 and Form 9 for the above mentioned well; this well was spud on April 12, 2002, completed June 13, 2002.

I'm also enclosing electrical/mechanical logs.

If you have any other questions or concerns please do not hesitate to call me at 303-825-7900.

Respectfully yours,

Judith A. Walter

Judith A. Walter
Regulatory Compliance – Contract Agent

Cc: J.M. Huber Field Office – Larry Sessions, 212 East 100 North, PO Box 551, Price, UT 84501
Patina Oil & Gas Corp., 1625 Broadway, Suite 2000, Denver, CO 80202
Correspondence
Well File – 3 (Tom Erwin, Gary Johnson, WF)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [ ] (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

6. IF INDIAN,ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Huber-State 1-35 WDW

9. API NUMBER: 43-013-32308

10. FIELD AND POOL, OR WILDCAT: Castlegate

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [ ] OTHER Water Disposal

b. TYPE OF WORK
NEW [X] HORIZ. [ ] DEEP- [ ] RE- [ ] DIFF. [ ]

2. NAME OF OPERATOR: J.M. Huber Corporation

3. ADDRESS OF OPERATOR: 1050 17th St. Suite 700, Denver, CO 80265
PHONE NUMBER: 303-825-7900

4. LOCATION OF WELL (FOOTAGES): 540' FSL, 1135' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: Same

AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW Sec 35 11S 10E SL

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 4/12/2002

15. DATE T.D.. REACHED: 5/14/2002

16. DATE COMPLETED: 6/13/2002 ABANDONED [ ] READY TO PRODUCE [X]

17. ELEVATIONS (DF, RKB, RT, GL): 7250' GL 7265' KB

18. TOTAL DEPTH: MD 6,400' TVD 6,400'

19. PLUG BACK T.D.: MD 6,356' TVD 6,356'

20. IF MULTIPLE COMPLETIONS, HOW MANY?*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) 6-24-02
Induction, Neutron-Density, Gamma Ray, Di-pole Sonic, Caliper
Cement Bond - Rec 6-24-02

23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis)
WAS DST RUN? NO [X] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [X] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/FT.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP**	AMOUNT PULLED
12-1/4"	9-5/8" K-55	36	0	2,006		G 1070	225	0	0
8-3/4"	7" N-80	26	0	6,398		G 200	51	5465	0
					5,465	Lite 750	246	3790	0
						G 100	21	3790	0
								CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SETR (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5,740	5,740						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) U. Spring Canyon	5,772	5,826	5,772	5,826
(B) L. Spring Canyon	5,850	5,885	5,850	5,885
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS			
5,772	5,826	0.4	216	OPEN	X	SQUEEZED	
5,850	5,885	0.4	140	OPEN	X	SQUEEZED	
				OPEN		SQUEEZED	
				OPEN		SQUEEZED	

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5772' to 5885'	5000 gallons 15% HCl

29. ENCLOSED ATTACHMENTS:

[X] ELECTRICAL/MECHANICAL LOGS [X] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY

[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [ ] OTHER:

30. WELL STATUS: SI

(CONTINUED ON BACK)

31. INITIAL PRODUCTION — **INTERVAL A (As shown in Item #26)**

DATE FIRST PRODUCED:		TEST DATE		HOURS TESTED:		TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
6/4/2002		6/5/2002		10			0	0	131	Swab
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
N/A	0	0								

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE		HOURS TESTED:		TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE		HOURS TESTED:		TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE		HOURS TESTED:		TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Castlegate	4,220	4,702	Sands, and Shales, Water in sandstones	Blackhawk	4,702
Blackhawk	4,702	5,531	Sands, shales, and coals, Water, Gas	Kenilworth	5,370
Kenilworth	5,370	5,430	Sandstone, Water	Aberdeen	5,578
Aberdeen	5,578	5,632	Sandstone, Water	Spring Canyon	5,772
Spring Canyon	5,772	5,885	Sandstone, Water	Mancos	6,318

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE 6/19/2002

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* Item 20: Show the number of completions if production is measured separately from two or more formations.

** Item 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom -hole, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PEMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

6. IF INDIAN,ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] OTHER Water Disposal

8. WELL NAME and NUMBER: Huber State 1-35 WDW

2. NAME OF OPERATOR: J.M. Huber Corporation

9. API NUMBER: 49-013-32308

3. ADDRESS OF OPERATOR: 1050 17th St., Suite 700, Denver, CO 80265 PHONE NUMBER: 303-825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP,RANGE, MERIDIAN: SWSW Sec 35-T11S-R10E SL STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[X] ACIDIZE	[ ] DEEPEN	[ ] REPEERFORATE CURRENT FORMATION
	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAAIR WELL
Approximate date work will start	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPARI
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLARE
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/RESUME)	[ ] WAER SHUT-OFF
Date of work completion:	[ ] COMMNGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depth, volumes, etc.

Spring Canyon zone at 5772' to 5826' and 5850' to 5885' KB was acidized with 5000 gallons 15% HCl acid. Pumped acid into formation at 2 to 3 BPM. Droped 445 frac balls with acid at rate of 5 balls per barrel acid. Maximum pressure was 722 psi. average pressure was 420 psi. ISIP=401 psi, 15 min SIP = 182 psi. Total load to recover was 169 barrels. Swabbed back acid and water. Total recovery was 365 barrels. Sent samles of well fluid to lab for analysis after recovery of acid. Well was shut-in pending conversion to water disposal.

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE 6/20/02

(This space for State use only)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

! miscellaneous work projects and actions for which other specific report forms do not exist;

! All other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:

- minor deepening of an existing well bore,
- plugging back a well,
- recompleting to a different producing formation within an existing well bore (intent only),
- reperforating the current producing formation,
- drilling a sidetrack to repair a well,
- reporting monthly the status of each drilling well.

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DIVISION OF
OIL, GAS AND MINING

This form is not to be used for <u>proposals</u> to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for the receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the <u>results</u> of the following operations:

! completing or plugging a new well,

! reentering a previously plugged and abandoned well,

! significantly deepening an existing well bore below the current bottom-hole depth,

! drilling horizontal laterals from an existing well bore,

! drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,

! recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114

Phone: 801-538-5340

Fax: 801-359-3940

July 18, 2002

Addressee List for Notification

J. M. Huber Corporation

Application for authority to inject water for the purpose of water disposal and application for a Class II injection well for water disposal
Huber-State 1-35 WDW, SW SW Section 35, T11S R10E SLM, Duchesne County, Utah.

Mineral Owner:
United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

Mineral Owner:
State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

Mineral Owners:
William Marsing Livestock Inc.
4330 East 8900 South
Price, UT 84501

Paula M. Butcher
4330 East 8900 South
Price, UT 84501

Paula M. Butcher, as Personal
Representative of the Estate of
Joyce A. Marsing, deceased
4330 East 8900 South
Price, UT 84501

Duane E. Quinn, as Personal
Representative of the Estate of
Ver Marsing Quinn, deceased
4100 East 8900 South
Price, UT 84501

Marilyn Steines
132 Manaqianui
Bastrop, TX 78602

Lois Marie Marsing
5325 South Beacon Hill Circle
Murray, UT 84123

Troy Lane Marsing
1783 East Sitz Mark
Sandy, UT 84092

Allen Kirt Marsing
735 North 700 East
Price, UT 84501

Fiscal Dynamics Limited Partnership
c/o Richard Lynn Marsing
3562 Avondale Drive
Salt Lake City, UT 84121
(Unleased)

Phillip Gregory Marsing
PO Box 190
Price, UT 84501

Boyd Kent Marsing
PO Box 2
Price, UT 84501

Tama Gordon
PO Box 575
Price, UT 84501

Nick L. Marsing
PO Box 806
Price, UT 84501

Surface Owner: State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

Surface Owner: Ferris Alan Jensen and Johannah Jensen
PO Box 205
Cleveland, UT 84518-0205

Surface Owner: William Marsing Livestock, Inc.
4330 East 8900 South
Price, UT 84501

Surface Owner:

United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

Surface Owner:

Jerry J. Jensen
1155 Carbonville Road
Price, UT 84501

Operators:

Ernest H. Cockrell
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

Carol C. Curran
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

J.M. Huber Corporation
1050 17th Street, Suite 700
Denver, CO 80265

Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, CO 80202

Anderson Oil LTD
5005 Woodway, Suite 300
Houston, TX 77056

Alan R. Bowes
705 10th Avenue
Salt Lake City, UT 84103

Williams Production RMT Company
1515 Arapahoe Street, Tower 3, Suite 1000
Denver, CO 80202

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

William Marsing
Lirestock Inc.
4330 East 8900 South
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery 7/24/02

C. Signature

X Paula Butcher

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6396

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Paula M. Butcher
4330 East 8900 South
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery 7-24-02

C. Signature

X Paula Butcher

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6365

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Duane E. Quinn, as Personal Representative of the Estate of Ver Marsing Quinn, deceased
4100 East 8900 South
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* (grandaughter) | B. Date of Delivery 7/24/02

C. Signature
X Leila Warring ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3244 6402

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Marilyn Steines
132 Manaqianui
Bastrop, TX 78602

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* G. J. STEINES | B. Date of Delivery 7/26/02

C. Signature
X G. J. Steines ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3244 6419

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Lois Marie Marsing
5325 S. Beacon Hill Cir.
Murray, UT 84123

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X Lois Marsing ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6421 0

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Troy Lane Marsing
1783 East Sitzmark
Sandy, UT 84092

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery 7/27/02

C. Signature
X Leslie Marsing ☐ Agent ☒ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6433

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Allen Kirt Marsing
735 North 700 East
Price, ~~UT~~ UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery JUL 2 5 2002

C. Signature
X Allen Kirt Marsing ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6440

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Fiscal Dynamics Limited Partnership
c/o Richard Lynn Marsing
3562 Arondale Drive
Salt Lake City, UT
84121

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery JUL 2 4 2002

C. Signature
X J Marsing ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6457

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Boyd Kent Marsing
PO Box 2
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery JUL 24 2002

C. Signature
X Carol Marsing
☐ Agent
☒ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6471

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Tama Gordon
PO Box 575
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery JUL 26 2002

C. Signature
X Tama Gordon
☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6259

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Nick L. Marsing
PO Box 806
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* | B. Date of Delivery

C. Signature
X Eileen Marsing
☐ Agent
☒ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

PRICE UT JUL 24 2002 PO

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6266

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

State of Utah
School and Institutional
Trust Lands Administration
675 East 500 South
Salt Lake City, UT
84102

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Linda Arredondo | B. Date of Delivery 7-25-02

C. Signature
X L Arredondo
☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6389

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ferris Alan Jensen and
Johannah Jensen
PO Box 205
Cleveland, UT 84518-0205

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

JUL 29 2002

C. Signature

X Johannah Jensen

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label)
7000 1670 0007 3344 6273

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT
84145

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly)

B. Date of Delivery

JUL 24 2002

C. Signature

X

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label)
7000 1670 0007 3344 6372

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Jerry J. Jensen
1155 Carbonville Road
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery 7-26-02

C. Signature

X Jerry Jensen

☐ Agent
☒ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6303

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ernest H. Cockrell
1600 Smith Street,
Suite 4600

Houston, TX 77002-7348

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*
C Wonish

B. Date of Delivery

C. Signature

X C. Wonish

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6280

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Carol C. Curran
1600 Smith Street,
Suite 4600
Houston, TX 77002-7348

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* C. Worsh

B. Date of Delivery

C. Signature

X C. Worsh

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6310

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Patina Oil and Gas
Corporation
1625 Broadway,
Suite 2000
Denver, CO 80202

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* Stephanie Gonzales

B. Date of Delivery 8-23-02

C. Signature

X Stephanie Gonzales

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6358

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Anderson Oil LTD
5005 Woodway, Suite 300
Houston, TX 77056

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery 7-28-02

C. Signature

X Debi Gerke

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*

7000 1670 0007 3344 6341

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

DOWNTOWN STATION 428 SLC UT 84101 JUL 26 2002 USPS

1. Article Addressed to:

Alan R. Bowes
705 10th Avenue
Salt Lake City, UT
84103

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery 7-26-02

C. Signature

X Rebecca A Bowes

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*

7000 1670 0007 3344 6334

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Williams Production RMT Company
1515 Arapahoe Street,
Tower 3, Suite 1000
Denver, CO 80202

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)*

B. Date of Delivery
23 JUL 2002

C. Signature
X J. Dyer

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
7000 1670 0007 3344 6327

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

PUBLIC NOTICES

"Because the People Must Know"

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-295.1

IN THE MATTER OF THE APPLICATION OF J. M. HUBER CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE HUBER STATE 1-35 WDW WELL LOCATED IN SECTION 35, TOWNSHIP 11 SOUTH, RANGE 10 EAST, S. L. M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of J. M. Huber Corporation for administrative approval of the Huber State 1-35 WDW well, located in Section 35, Township 11 South, Range 10 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted in accordance with Utah Admin. R.649-1 0, Administrative Procedures.

Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient information submitted by the operator.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5334. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
For John R. Baza
Associate Director

Published in the Sun Advocate August 13, 2002.

PUBLIC NOTICE

Carbon Credit Union is accepting bids on the following:

2001 SPORTSMAN 500 HO POLARIS ATV VIN# HIN4XACH50A31A351595

Please, call the Credit Union office between the hours of 10:00 a.m. and 5:00 p.m. at (435) 637-1209 or 637-24443 for information. Closing date is August 19th at 5:00 p.m.

Please, inquire and pick up your bid form at C

The SUN A
check your ad the FIRS
Advertising Department
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R.U.C.D. Head
Insecticide specification
expected results, and Lia
16, 2002. Bids need to b
84542. For further informa
Published in the Sun Ad

ON SU

The Board of Carbon Cou
in Carbon County, State c
Quarter of Section 24, Tow
and being more particularl

Legal Description:
Beginning at a p
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Section 24, Tow
and running the
thence East, 23
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acres, more or le

This parcel shall be conveye
held by Carbon County. Car
the property, including but n
thoroughly research the chai

Bids must be submitted to t
Wednesday, August 21, 200
Carbon County Clerk, Courth
will be opened Wednesday, A
The Carbon County Commiss

Published in t

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OF

AVAILABILITY

On the Proposed US 6/Help
P

The Utah Department of Transp
that Stanley Consultants, Inc. ha
tion to perform an Environment
change improvements on US 6 i
to 1,500 feet south of Poplar St

An official Public Hearing (open
15, 2002 at the Sally Mauro Elem

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF J. M. HUBER CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE HUBER STATE 1-35 WDW WELL LOCATED IN SECTION 35, TOWNSHIP 11 SOUTH, RANGE 10 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL	NOTICE OF AGENCY AUCTION CAUSE # UIC-295.1

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of J. M. Huber Corporation for administrative approval of the Huber State 1-35 WDW well, located in Section 35, Township 11 South, Range 10 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient information submitted by the operator.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5334. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s John R. Baza
Associate Director

8201P1U6

UIC INJECTION PERMIT ANALYSIS FORM
WELL NAME: State 1-35 WDW

RG49-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	**Completed Items, Needed Items, & Comments**
1. Injection wells shall be completed. Equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.	1. This will be determined and adhered to by the permitting process of this well
2. The application for an injection well shall include a properly completed UIC Form 1 and the following:	2. Not yet determined.
2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.	2.1. Surface ownership plat provided. It is different than the State Land Database. An accurate plat for the mineral interest ownership is not provided. Exhibit 2 is inconsistent with Exhibit 1. There are no wells within a half mile of this location.
2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.	2.2. The well evaluation and electric logs for this well have been properly filed.
2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.	2.3. A cement bond log has been filed and run two was under 1000 # pressure.
2.4. Copies of logs already on file with the division should be referenced, but need not be refiled.	2.4. Any pertinent logs already on file will be used.
2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.	2.5. The description and schematic diagram of the well have been provided with the permit. The well will be tested before injection begins.
2.6. A statement as to the type of fluid to be used for injection. its source and estimated amounts to be injected daily.	2.6. Water type, source, and estimated daily injection minimum and maximum amounts have been supplied.
2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.	2.7. Laboratory analyses of the injection fluid, injection zone fluid and the compatibility study have been supplied. A possible Calcium Carbonate scale may develop, which will be treated.
2.8. The proposed average and maximum injection pressures.	2.8. Average injection pressure is not known, however it will not be less than 1000 psig or less than 2160 psig.
2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.	2.9. Supporting evidence that the Storrs and Panther Sandstones are greater than 10,000 ppm was not supplied. Fracture initiation has been addressed and the data appears to confirm the statement.
2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.	2.10. Good geologic data has been presented with the filing including Lithologic, thickness, depths, water quality, some lateral extent, confining beds, and possible USDW's. A structure map is required.
2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.	2.11. No other wells exist within a half mile of the location. And the possible migration of fluids will be reviewed.
2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.	2.12. A copy of the Affidavit has been supplied however there is no evidence that it has been sent to the indicated parties.
2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.	2.13. No extra information is required other than that indicated above.

OTHER COMMENTS AND OBSERVATIONS: This permit will be processed for Public Notice, as it stands essentially complete. Pending review of the geologic and mechanical data there may be additional information required.

Reviewed by: K. Michael Hebertson Date: 1 August, 2002

UIC-295.1

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator J. M. Huber Corporation	Utah Account Number N 2380	Well Name and Number State 1-35 WDW
Address of Operator 1050 17th Street, #700 CITY Denver STATE CO ZIP 80265	Phone Number (303) 825-7900	API Number 4301332308
Location of Well Footage : 540' FSL, 1135' FWL County : Duchesne QQ, Section, Township, Range: SWSW 35 11S 10E State : UTAH		Field or Unit Name Castlegate Lease Designation and Number ML-48822

Is this application for expansion of an existing project?		Yes ☐	No ☑
Will the proposed well be used for:	Enhanced Recovery?	Yes ☐	No ☐
	Disposal?	Yes ☑	No ☐
	Storage?	Yes ☐	No ☐
Is this application for a new well to be drilled?		Yes ☐	No ☑
If this application is for an existing well, has a casing test been performed?		Yes ☑	No ☐

Date of test: 6/4/2002

Proposed injection interval: from 5,772 to 5,885

Proposed maximum injection: rate 10,000 bpd pressure 2,160 psig

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

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JUL 23 2002
DIV OF OIL, GAS & MINING

List of attachments: Logs, Mechanical Stress Analysis,

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Gary J. Johnson Title Consulting Petroleum Engineer

Signature Gary J. Johnson Date 6/19/2002

DU_CPGJJC
HUBER COM

(5/2002)

HUBER

A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

1050-17th Street
Suite 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
www.huber.com

July 22, 2002

Mr. John Baza
Associate Director – Oil and Gas
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED
JUL 2 4 2002
DIVISION OF
OIL, GAS AND MINING

RE: Application for authority to inject water for the purpose of water disposal and application for a Class II Injection well for water disposal.

Dear Sir:

Pursuant to Rule R649-5-1 of the Rules and Regulations of the Utah Division of Oil, Gas and Mining (DOGM), J. M. Huber Corporation hereby makes application for approval of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group. The information requested by Rule R649-5-1 of the DOGM is attached.

Pursuant to Rule R649-5-2 of the Rules and Regulations of the Utah Division of Oil, Gas and Mining (DOGM), J. M. Huber Corporation also makes application for approval of a Class II Injection well for such water disposal. The well to be used as an injection well is the Huber – State 1-35 WDW, SWSW Section 35, T11S, R10E SLM, Duchesne County, Utah. The information requested by Rule R649-5-2 is attached.

If any further information or data is needed for either of the above applications, please contact Gary J. Johnson at J. M. Huber Corporation in Denver at 303-825-7900.

Sincerely,
J. M. Huber Corporation

J. Scott Zimmerman

J. Scott Zimmerman
Vice President, Energy Sector

Petition for authority to inject water for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

Pursuant to Rule R649-5-1 of the Utah Division of Oil, Gas and Mining

2.1 The name and address of the operator of the project.

J. M. Huber Corporation
1050 17th Street, Suite 700
Denver, CO 80265

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area.

Attached Exhibit 1 shows the entire Castlegate Field project area including the producing wells and the proposed injection well(s).

Attached Exhibit 2 shows the proposed injection well, the Huber–State 1-35 WDW, and the area within one-half mile of the proposed injection well.

2.3 A full description of the particular operation for which approval is requested.

The Castlegate Field is being developed to produce natural gas (Methane) from coalbeds in the Blackhawk Formation of the Cretaceous Mesaverde Group. Water produced in association with the natural gas contains Total Dissolved Solids in quantities that prohibit surface discharge of the water without costly treatment. Evaporation of the produced water is insufficient to allow full development of the field. The Spring Canyon Sandstone has been penetrated and tested at the location of the proposed injection well and found to contain Total Dissolved Solids in excess of 10,000 ppm. It is proposed that water produced in association with the natural gas from the Castlegate Field be disposed by underground injection into the Spring Canyon Sandstone. Such disposal will allow continued development of the natural gas resource in the Castlegate Field by drilling more producing wells.

2.4 A description of the pools from which the identified wells are producing or have produced.

Natural gas being produced in the Castlegate Field is produced from coalbeds in the Blackhawk Formation of the Cretaceous Mesaverde Group. The coalbeds occur as distinct coals of from 2' to 12' thick in a gross interval of approximately 400'. The net coal thickness in wells in the Castlegate field ranges from 60' to 80'.

Petition for authority to inject water for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

2.4 cont. The Blackhawk formation also consists of sandstones and shales interbedded with the coals. The sandstones and coals contain water. The water in the coals is produced concurrently with the natural gas and the volume of water produced directly influences the volume of gas produced. In order to produce the gas, the water must be produced and therefore disposed. Disposal of the water back into the coals would prevent gas production. To continue gas production and ultimately increase gas production, the water must be disposed into a zone separate from and not in communication with the coals.

2.5 The names, description and depth of the pool or pools to be affected.

The producing wells are completed in the coals occurring in the Blackhawk Formation of the Cretaceous Mesaverde Group. Within the Castlegate Field, these coals occur at depths ranging from approximately 3800' to 4200'on the South edge of the field to depths of 4900' to 5300' on the North edge of the field. The coals occur in a gross interval of approximately 400'. The formations in the Castlegate Field dip at approximately 8 degrees to the North, hence the producing zones are found at greater depths at the North edge of the Field.

The proposed injection zone is the Spring Canyon Sandstone that occurs in the proposed injection well, the Huber-State 1-35 WDW, at a depth of 5772' to 5885'. The Spring Canyon Sandstone is shoreface sandstone with Density Porosity of 8% to 12% in the proposed injection interval. Swab tests of the Spring Canyon Sandstone recovered water with a trace of natural gas. The gas quantity was too small to measure. The Spring Canyon Sandstone in the proposed injection well occurs 192' below the lowest coal in the well and approximately 400' below the lowest significant coal in the well.

2.6 A copy of a log of a representative well completed in the pool.

Logs of the producing wells have been submitted to the Division with the completion reports on the wells. For purposes of illustration, a copy of the log from the proposed injection well, the Huber-State 1-35 WDW is attached. The log has been marked to show the Spring Canyon Sandstone proposed for injection and the coals in the Blackhawk Formation corresponding to those producing in the producing wells in the Castlegate Field. This log is identified as Exhibit 3.

Petition for authority to inject water for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The fluid to be injected is the water produced from the producing wells in the Castlegate Field. This water comes from the Blackhawk Formation coals. The water will be gathered from each producing well to a central facility and the fluid injected will be a composite of the water from all the producing wells. An analysis of the composite produced water is attached as Exhibit 4. The current production volume from the Castlegate Field is approximately 3500 barrels per day. As more producing wells are drilled in the Castlegate Field, it is estimated the water production will increase to approximately 10,000 barrels per day.

2.8 A list of all operators or owners and surface owners within one-half mile radius of the proposed project.

A list of the names and addresses of operators, owners and surface owners within one-half mile of the proposed injection well is attached as Exhibit 5.

2.9 An affidavit certifying that said operators or owners and surface owners within one-half mile radius have been provided a copy of the petition for injection.

An affidavit certifying that operators or owners and surface owners within one-half mile of the proposed injection well have been provided a copy of the petition for injection is attached as Exhibit 6.

2.10 Any additional information the board may determine is necessary to adequately review the petition.

Any additional data or information the board may require will be provided by the applicant as requested.

As provided in Rule R649-5-1-3.0, Applicant is submitting an application for an injection well as required by Rule R649-5-2 with this request for authorization of a disposal project. The injection well application is attached to this application.

Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

Pursuant to Rule R649-5-2 of the Utah Division of Oil, Gas and Mining

2. A completed UIC Form 1 is attached.

2.1 A plat showing the location of the injection well, all abandoned or active wells within one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within one-half mile radius of the proposed injection well.

A plat showing the location of the proposed injection well, all abandoned or active wells within one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within one-half mile radius of the proposed injection well is attached and labeled Exhibit 2.1.1.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

Logs run on the proposed injection well, the Huber-State 1-35 WDW are attached.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A cement bond log for the Huber-State 1-35 WDW is attached.

2.4 Copies of logs already on file with the division should be referenced, but need not be refiled.

Copies of logs for the producing wells at the Castlegate Field have been filed with the completion reports for the wells.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The Huber-State 1-35 WDW is equipped with casing as follows:

Surface casing is 9-5/8", 36#/ft, K-55, ST&C set at 1996' KB in a 12-1/4" hole. This casing was cemented to surface with 1070 sacks of Class G cement with 2% $CaCl_2$. The cement circulated to surface and the cementing plug was bumped with 3100 psig and the float held.

The surface casing was also tested to 1500 psig during the Pressure Control Equipment test.

Production casing is 7", 26#/ft, N-80, LT&C set at 6398' KB in an 8-3/4" hole. This casing was cemented in two stages as follows:

Stage 1 at 6398' was cemented with 200 sacks Class G Premium cement with ¼#/sack flocele, 05% Halad-9, 2% gel, 2% Microbond, 1% Super CBL, and .3% CFR-3. The plug was bumped with 1000 psig and the float held. Full returns were present during the entire job.

Stage 2 with the DV tool at 5465' was cemented with a lead slurry of 750 sacks Halliburton Lite cement (65/35 Pozmix) with 3% salt, 1% Microbond and 1/8#/Sack Polyflake. Tail slurry was 100 sacks Class G Premium cement with 1/8#/sack Polyflake. The DV tool operated correctly, the plug was bumped with 1000 psig and the float held. Full returns were present until 174 barrels of the 209 barrels displacement fluid was pumped. Returns gradually diminished until returns were lost at 194 barrels pumped. The last 15 barrels had no returns.

The production casing was pressure tested to 3000 psig prior to perforating the well and held pressure properly. It is planned to pressure test the casing-tubing annulus to at least 1000 psig prior to injection to assure mechanical integrity of the casing, tubing and packer.

A schematic of the Huber-State 1-35 WDW wellbore in the proposed injection configuration is attached as Exhibit 2.5.1.

2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The fluid to be injected in the proposed injection well will be produced water from the natural gas wells in the Castlegate Field. These wells are completed in coal zones of the Blackhawk Formation. The produced water will be gathered to a central facility prior to injection, so the injected fluid will be a composite of the produced water from all the producing wells. Current production is approximately 3500 barrels per day. Production is expected to increase to approximately 10,000 barrels per day as more producing wells are drilled.

Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

It is anticipated that 100% of the water produced will be injected. Initial injection rate will be 3500 barrels per day and injection rate will increase as production increases.

2.7 Standard laboratory analysis of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.

Laboratory analysis of the composite fluid to be injected is attached as Exhibit 2.7.1.

Laboratory analysis of the fluid from the formation into which the composite fluid is to be injected is attached as Exhibit 2.7.2.

The compatibility of the fluids has been tested and the test data is attached as Exhibit 2.7.3. This compatibility analysis indicates the fluid mixing may cause a slight tendency to develop Calcium Carbonate scale. The composite fluid will be filtered and treated with a scale inhibitor prior to injection.

2.8 The proposed average and maximum injection pressures.

No injectivity tests have been performed, but the proposed injection formation was acidized. Pressures encountered during the acid treatment indicate injection pressure at 3500 barrels per day should be in the range of 1000-psig surface pressure. As the injection volume increases the injection pressure should increase. Maximum injection pressure will be 2160 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid to enter the fresh water strata.

Logs run on the Huber-State 1-35 WDW indicate geologic isolation of the Spring Canyon Sandstone from the other permeable, water containing sandstones in the well.

The proposed injection zone, the Spring Canyon Sandstone, occurs at a depth of 5772' to 5885'and is underlain by a tongue of the Mancos Shale. The Spring Canyon Sandstone has log Density Porosity of 8 to 12 percent. The Mancos Shale has log Density Porosity of 2 to 4 percent.

Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

The Storrs and Panther Sandstones that are members of the Star Point Sandstone of the Mancos Shale have indicated log Density Porosity of 2 to 8 percent. The Storrs and Panther Sandstones are separated from the Spring Canyon Sandstone by over 100 feet of Mancos Shale.
The Spring Canyon Sandstone is overlain by shale with an indicated log Density Porosity of 2 percent. This shale separates the Spring Canyon Sandstone from the Aberdeen Sandstone by approximately 140 feet.

A Dipole Sonic Log was run in the Huber-State 1-35 WDW and processed for Mechanical Stress values. These values allow evaluation of the fracture gradient and pressures required to initiate fractures in the formations evaluated. A copy of this data is attached as Exhibit 2.9.1. The log analysis indicates a fracture gradient in the Spring Canyon Sandstone of 0.73 to 0.82 psi/ft. The shales overlying the Spring Canyon Sandstone have indicated fracture gradient values up to 0.94 psi/ft separating the Spring Canyon Sandstone from the Aberdeen Sandstone. The Mancos Shale below the Spring Canyon Sandstone has indicated fracture gradient values of up to 0.91 psi/ft separating the Spring Canyon Sandstone from the Storrs and Panther Sandstones, the water bearing sandstones in the Mancos Shale. The Storrs and Panther Sandstones will have water TDS values well above 10,000 ppm and are not considered fresh water strata. The Mechanical Stress Data indicates that if a fracture were initiated in the Spring Canyon Sandstone, it is very unlikely to propagate into the shales above or below the Spring Canyon Sandstone and it will be nearly impossible for a fracture to extend past the shales into another sandstone.

2.10 Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.

The proposed produced water injection interval in the Huber State 1-35 WDW is the Spring Canyon Sandstone.

Geologically, the Spring Canyon Sandstone is the lowermost sandstone of the Cretaceous Blackhawk Formation, Mesa Verde Group. The Spring Canyon Sandstones represent wave-dominated shore and near shore deposits of the Cretaceous seaway.

Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

The Spring Canyon Sandstone tongues are separated, both above and below, by tongues of the Mancos Shale which form excellent permeability barriers (confining beds) separating the Spring Canyon sands from sandstones above and below.

Lithologically, the Spring Canyon Sandstone is very fine to medium grained, sub angular to rounded, quartz sandstone, with calcite cement. The sand is moderate to well sorted and grain size coarsens upwards in accordance to the shore face environment in which it was deposited. The Spring Canyon in the Huber State 1-35 WDW occurs as two sandstone benches, the upper bench is at 5772' to 5830' KB (58 feet) and the lower bench is at 5850' to 5885'KB (35 feet) for a total sandstone thickness of 93 feet. Density porosity interpreted from the logs ranges from 6% to 14% in the upper bench (10.33% average) and 3% to 18% (10.9% average) for the lower bench.

Potential nearby Underground Sources of Drinking Water (USDW) are the sandstone units stratigraphically above the Spring Canyon, which include the Aberdeen Sandstone, Kenilworth Sandstone and fluvial sands in the lower Blackhawk between the above-mentioned sandstones. The fluvial sands in the Blackhawk are lenticular and are not likely to be connected in the subsurface to any sources of meteoric water. The Aberdeen and Kenilworth are sandstone layers with vast aerial extent The Kenilworth sandstone pinches out to the west of the State 1-35 WDW in the sub-surface. The zero thickness line of the Kenilworth runs in a north-south direction though the middle of Sections 4, 9, and 16 T12S R10E.

Log analysis of Water Resistivity values (RWA) indicate the water in the Spring Canyon Sandstone has a TDS value of 11,000 to 13,000 ppm. These values have been verified by water samples withdrawn from the Spring Canyon Sandstone during swab testing (see water sample data in Exhibits 2.7.2).

The same RWA analysis indicates the TDS value of waters in the Aberdeen Sandstone should be approximately 10,000 ppm. The closest water bearing strata to the Spring Canyon that will contain water with TDS values below 10,000 ppm is the Kenilworth Sandstone. The Kenilworth Sandstone is separated from the Spring Canyon Sandstone by over 350'.

Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

To further evaluate nearby Underground Sources of Drinking Water from the Spring Canyon Sandstone a survey of springs and wells in the vicinity of the proposed injection project was done. This survey is attached as Exhibit 2.10.1. The survey has identified no springs or wells producing drinking water from the Spring Canyon Sandstone. The survey did identify two coal mine monitor wells drilled to the Aberdeen Sandstone. Neither of the wells is used for domestic or drinking water purposes. No springs or wells were found in the Kenilworth Sandstone in the survey area. The survey also found "none of the communities in the Price area (Helper, Kenilworth, Spring Glen, Carbonville, Price or Wellington) has a water source in the Spring Canyon Sandstone".

In the Huber-State 1-35 WDW, the Spring Canyon Sandstone had gas shows on the mud log (attached as Exhibit 2.10.3) and gas at rates too small too measure was detected during swab tests of the zone. Up dip (to the South), the Huber-Jensen 9-10 well had gas shows on the mud log and good Neutron-Density crossover on well logs. Because of this strong indication of gas, this well has been completed in the Spring Canyon Sandstone and produces gas from this zone along with gas from the Blackhawk coals. Cross Section G-G' illustrates the gas shows and is attached as Exhibit 2.10.2.

Structurally, all the formations mentioned above dip at approximately 8 degrees to the north. The structure is very simple, with no known faults.

2.11 A review of the mechanical condition of each well within one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.

No wells have been drilled or completed within one-half mile radius of the proposed injection well. The nearest well to the proposed injection well is the Huber-Jensen 9-10, NESE Section 10, T12S R10E, Carbon County, UT, that is more than a mile south of the proposed injection well. The 9-10 well produces gas from the Spring Canyon Sandstone in sub-commercial quantities that is commingled with gas from the Blackhawk Coals. Water produced from the 9-10 will be part of the composite water to be injected in the Huber-State 1-35 WDW.

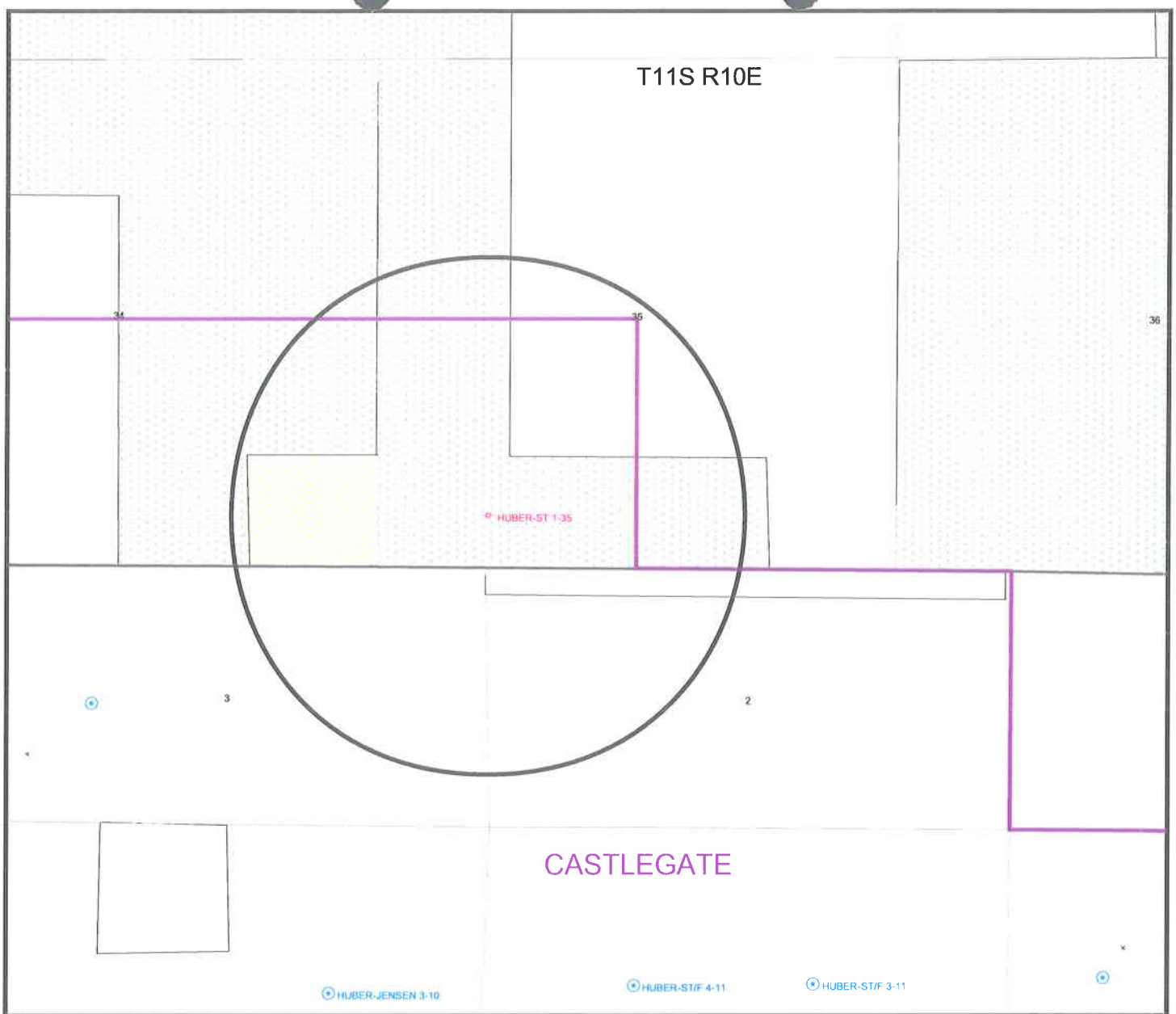
Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

2.12 An affidavit certifying that a copy of the application has been provided to all operators, owners, and surface owners within one-half mile of the proposed injection well.

The affidavit certifying that a copy of the application has been provided to all operators, owners, and surface owners within one-half mile of the proposed injection well is attached as Exhibit 2.12.1.

2.13 Any other additional information that the board or division may determine is necessary to adequately review the application.

Any additional data or information the board may require will be provided by the applicant as requested.



LEGEND

Well Status
- GAS INJECTION
- GAS STORAGE WELL
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

- County Boundary
- Sections
- Township

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Utah Oil Gas and Mining

N
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Prepared By: K. Michael Hebertson

July 18, 2002

Addressee List for Notification

J. M. Huber Corporation

Application for authority to inject water for the purpose of water disposal and application for a Class II injection well for water disposal
Huber-State 1-35 WDW, SW SW Section 35, T11S R10E SLM, Duchesne County, Utah.

Mineral Owner: United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

Mineral Owner: State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

Mineral Owners: William Marsing Livestock Inc.
4330 East 8900 South
Price, UT 84501

Paula M. Butcher
4330 East 8900 South
Price, UT 84501

Paula M. Butcher, as Personal
Representative of the Estate of
Joyce A. Marsing, deceased
4330 East 8900 South
Price, UT 84501

Duane E. Quinn, as Personal
Representative of the Estate of
Ver Marsing Quinn, deceased
4100 East 8900 South
Price, UT 84501

Marilyn Steines
132 Manaqianui
Bastrop, TX 78602

Lois Marie Marsing
5325 South Beacon Hill Circle
Murray, UT 84123

Troy Lane Marsing
1783 East Sitz Mark
Sandy, UT 84092

Allen Kirt Marsing
735 North 700 East
Price, UT 84501

Fiscal Dynamics Limited Partnership
c/o Richard Lynn Marsing
3562 Avondale Drive
Salt Lake City, UT 84121
(Unleased)

Phillip Gregory Marsing
PO Box 190
Price, UT 84501

Boyd Kent Marsing
PO Box 2
Price, UT 84501

Tama Gordon
PO Box 575
Price, UT 84501

Nick L. Marsing
PO Box 806
Price, UT 84501

Surface Owner: State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

Surface Owner: Ferris Alan Jensen and Johannah Jensen
PO Box 205
Cleveland, UT 84518-0205

Surface Owner: William Marsing Livestock, Inc.
4330 East 8900 South
Price, UT 84501

Surface Owner: United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

Surface Owner: Jerry J. Jensen
1155 Carbonville Road
Price, UT 84501

Operators: Ernest H. Cockrell
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

Carol C. Curran
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

J.M. Huber Corporation
1050 17th Street, Suite 700
Denver, CO 80265

Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, CO 80202

Anderson Oil LTD
5005 Woodway, Suite 300
Houston, TX 77056

Alan R. Bowes
705 10th Avenue
Salt Lake City, UT 84103

Williams Production RMT Company
1515 Arapahoe Street, Tower 3, Suite 1000
Denver, CO 80202

EXHIBIT 6 and EXHIBIT 2.12.1
Page 1

July 18, 2002

J. M. Huber Corporation

Application for authority to inject water for the purpose of water disposal and
Application for a Class II injection well for water disposal
Huber-State 1-35 WDW, SW SW Section 35, T11S R10E SLM, Duchesne County, Utah.

AFFIDAVIT

STATE OF COLORADO)
)
COUNTY OF DENVER)

J. Scott Zimmerman of legal age, being first duly sworn, upon oath states:

The following named people constitute all lease operators or owners (as defined by the Utah Conservation Law) and surface and mineral owners within one-half (1/2) mile radius of the proposed disposal well, described in the Application to which this affidavit is attached, to wit:

Mineral Owner:

United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

William Marsing Livestock Inc.
4330 East 8900 South
Price, UT 84501

Paula M. Butcher
4330 East 8900 South
Price, UT 84501

Paula M. Butcher, as Personal
Representative of the Estate of
Joyce A. Marsing, deceased
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Duane E. Quinn, as Personal
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Ver Marsing Quinn, deceased
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Sandy, UT 84092

Allen Kirt Marsing
735 North 700 East
Price, UT 84501

Fiscal Dynamics Limited Partnership
c/o Richard Lynn Marsing
3562 Avondale Drive
Salt Lake City, UT 84121

Phillip Gregory Marsing
PO Box 190
Price, UT 84501

Boyd Kent Marsing
PO Box 2
Price, UT 84501

Tama Gordon
PO Box 575
Price, UT 84501

Affidavit Page 3

Nick L. Marsing
PO Box 806
Price, UT 84501

Surface Owner:

State of Utah
School and Institutional Trust Lands Administration
675 East 500 South
Salt Lake City, UT 84102

Ferris Alan Jensen and Johannah Jensen
PO Box 205
Cleveland, UT 84518-0205

William Marsing Livestock, Inc.
4330 East 8900 South
Price, UT 84501

United States of America
Bureau of Land Management
PO Box 45155
Salt Lake City, UT 84145

Jerry J. Jensen
1155 Carbonville Road
Price, UT 84501

Operators:

Ernest H. Cockrell
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

Carol C. Curran
1600 Smith Street, Suite 4600
Houston, TX 77002-7348

J.M. Huber Corporation
1050 17th Street, Suite 700
Denver, CO 80265

Affidavit Page 4

Patina Oil & Gas Corporation
1625 Broadway, Suite 2000
Denver, CO 80202

Anderson Oil LTD
5005 Woodway, Suite 300
Houston, TX 77056

Alan R. Bowes
705 10th Avenue
Salt Lake City, UT 84103

Williams Production RMT Company
1515 Arapahoe Street, Tower 3, Suite 1000
Denver, CO 80202

The addresses listed after the names of the operators, surface owners and mineral owners constitute the last mailing addresses of said operators and surface and mineral owners as far as the Applicant J. M. Huber Corporation and the undersigned have been able to ascertain.

On the _____day of July, 2002, Applicant caused notification of the Application to which this Affidavit is attached to be mailed to the operators or owners, other than the Applicant, at their addresses herein before mentioned.

J. M. Huber Corporation

J. Scott Zimmerman
Vice President, Energy Sector

Subscribed and sworn to before me this _____ day of July 2002.

My commission expires _____.

_____
Notary Public

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF J. M. HUBER CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE HUBER STATE 1-35 WDW WELL LOCATED IN SECTION 35, TOWNSHIP 11 SOUTH, RANGE 10 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-295.1

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of J. M. Huber Corporation for administrative approval of the Huber State 1-35 WDW well, located in Section 35, Township 11 South, Range 10 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient information submitted by the operator.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5334. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

For John R. Baza
Associate Director

J. M. Huber Corporation
Huber State 1-35 WDW
Cause No. UIC-295.1

Publication Notices were sent to the following:

J. M. Huber Corporation
1050 17th Street #700
Denver, Colorado 80265

(Via E-Mail and Facsimile 237-2577)
Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Sun Advocate
845 East Main Street
Price, Utah 84501-2708

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066-3109

School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

Bureau of Land Management
Moab District Office
82 East Dogwood
Moab, Utah 84532

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466

Earlene Russell

Earlene Russell
August 5, 2002

Earlene Russell - Re: UIC 295.1

From: "NAC LEGAL" <naclegal@nacorp.com>
To: "Earlene Russell" <EARLENERUSSELL@utah.gov>
Date: 08/06/2002 12:35 PM
Subject: Re: UIC 295.1

Please check your ad in the paper on Aug. 9th.
Thank you.

----- Original Message -----
From: Earlene Russell
To: naclegal@nacorp.com
Sent: Monday, August 05, 2002 4:54 PM
Subject: UIC 295.1

I have already faxed the signed copies.

THE FIRST E-MAIL I SENT HAD THE WRONG ATTACHMENT. Please use this one that is for UIC 295.1 NOT 115.

Please notify me when you can publish this notice and that you have made the **correction.**

Thanks.

ER

TRANSACTION REPORT

P.01

AUG-05-2002 MON 04:04 PM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-05	04:03 PM	2372776	49″	2	SEND	OK	512	

TOTAL : 49S PAGES: 2

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 5, 2002

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

RE: Notice of Agency Action - Cause No. UIC 295.1

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Sincerely,

Earlene Russell

Earlene Russell
Executive Secretary

encl.

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

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PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 5, 2002

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066-3109

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Earlene Russell

Earlene Russell
Executive Secretary

encl.

State of Utah
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Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

August 5, 2002

Sun Advocate
845 East Main Street
Price, Utah 84501

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Sincerely,

Earlene Russell

Earlene Russell
Executive Secretary

encl.

212 East 100 North
Price, UT 84501

J.M. HUBER CORPORATION
COALBED METHANE BUSINESS UNIT

Office: 435-613-9490
Fax: 435-613-9489

August 6, 2002

RECEIVED
AUG 7 2002
DIVISION OF
OIL, GAS AND MINING

K. Michael Hebertson
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Mr. Hebertson:

The attached data is an Addendum to the Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Mesaverde Group previously submitted by J. M. Huber Corp. This addendum supplements data previously submitted.

Please advise me if you need any further data to complete your analysis of this application. I can be reached at Huber's Denver office at 303-825-7900.

Sincerely.

Gary J. Johnson
Consulting Petroleum Engineer

UIC INJECTION PERMIT ANALYSIS FORM
WELL NAME: State 1-35 WDW

RG49-5-2. Requirements For Class II Injection Wells Including Water Disposal, Storage And Enhanced Recovery Wells.	**Completed Items, Needed Items, & Comments**
1. Injection wells shall be completed. Equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.	1. This will be determined and adhered to by the permitting process of this well
2. The application for an injection well shall include a properly completed UIC Form 1 and the following:	2. Not yet determined.
2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.	2.1. Surface ownership plat provided. It is different than the State Land Database. An accurate plat for the mineral interest ownership is not provided. Exhibit 2 is inconsistent with Exhibit 1. There are no wells within a half mile of this location.
2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity.	2.2. The well evaluation and electric logs for this well have been properly filed.
2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.	2.3. A cement bond log has been filed and run two was under 1000 # pressure.
2.4. Copies of logs already on file with the division should be referenced, but need not be refiled.	2.4. Any pertinent logs already on file will be used.
2.5. A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.	2.5. The description and schematic diagram of the well have been provided with the permit. The well will be tested before injection begins.
2.6. A statement as to the type of fluid to be used for injection. its source and estimated amounts to be injected daily.	2.6. Water type, source, and estimated daily injection minimum and maximum amounts have been supplied.
2.7. Standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids.	2.7. Laboratory analyses of the injection fluid, injection zone fluid and the compatibility study have been supplied. A possible Calcium Carbonate scale may develop, which will be treated.
2.8. The proposed average and maximum injection pressures.	2.8. Average injection pressure is not known, however it will not be less than 1000 psig or less than 2160 psig.
2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.	2.9. Supporting evidence that the Storrs and Panther Sandstones are greater than 10,000 ppm was not supplied. Fracture initiation has been addressed and the data appears to confirm the statement.
2.10. Appropriate geological data on the injection interval and confining beds, and nearby Underground Sources of Drinking Water, including the geologic name, lithologic description, thickness, depth, water quality, and lateral extent; also information relative to geologic structure near the proposed well which may effect the conveyance and/or storage of the injected fluids.	2.10. Good geologic data has been presented with the filing including Lithologic, thickness, depths, water quality, some lateral extent, confining beds, and possible USDW's. A structure map is required.
2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals.	2.11. No other wells exist within a half mile of the location. And the possible migration of fluids will be reviewed.
2.12. An affidavit certifying that a copy of the application has been provided to all operators, owners and surface owners within a one-half mile radius of the proposed injection well.	2.12. A copy of the Affidavit has been supplied however there is no evidence that it has been sent to the indicated parties.
2.13. Any other additional information that the board or division may determine is necessary to adequately review the application.	2.13. No extra information is required other than that indicated above.

OTHER COMMENTS AND OBSERVATIONS: This permit will be processed for Public Notice, as it stands essentially complete. Pending review of the geologic and mechanical data there may be additional information required.

Reviewed by: K. Michael Hebertson Date: 1 August, 2002

Addendum to Petition for Class II Injection well for the purpose of water disposal into the Spring Canyon Sandstone of the Cretaceous Mesaverde Group

Pursuant to Rule R649-5-2 of the Utah Division of Oil, Gas and Mining

2.1. Addendum Exhibit 2 (revised) is submitted to clarify the ownership of leases within ½ mile of the proposed injection well. The map shows the surface owner and operators of the various leases surrounding the proposed injection well.

2.9. Supporting evidence that the Storrs and Panther Sandstones contain water that contains greater than 10,000 ppm total dissolved solids.

The Storrs and Panther Sandstones were not tested in the proposed well. Well log data was examined for both zones and it was determined that the sandstones were of insufficient quality to produce or to be used for injection. Log Density Porosity of both zones is in the range of 2 to 8 percent.

Log analysis of Water Resistivity values (RWA) indicates the water in the Spring Canyon Sandstone has a TDS value of 11,000 to 13,000 ppm. These values have been verified by water samples withdrawn from the Spring Canyon Sandstone during swab testing (see water sample data in Exhibit 2.7.2).

The same RWA analysis indicates the TDS value of waters in the Storrs and Panther Sandstones to be in excess of 20,000 ppm. A clog presentation of this data is attached.

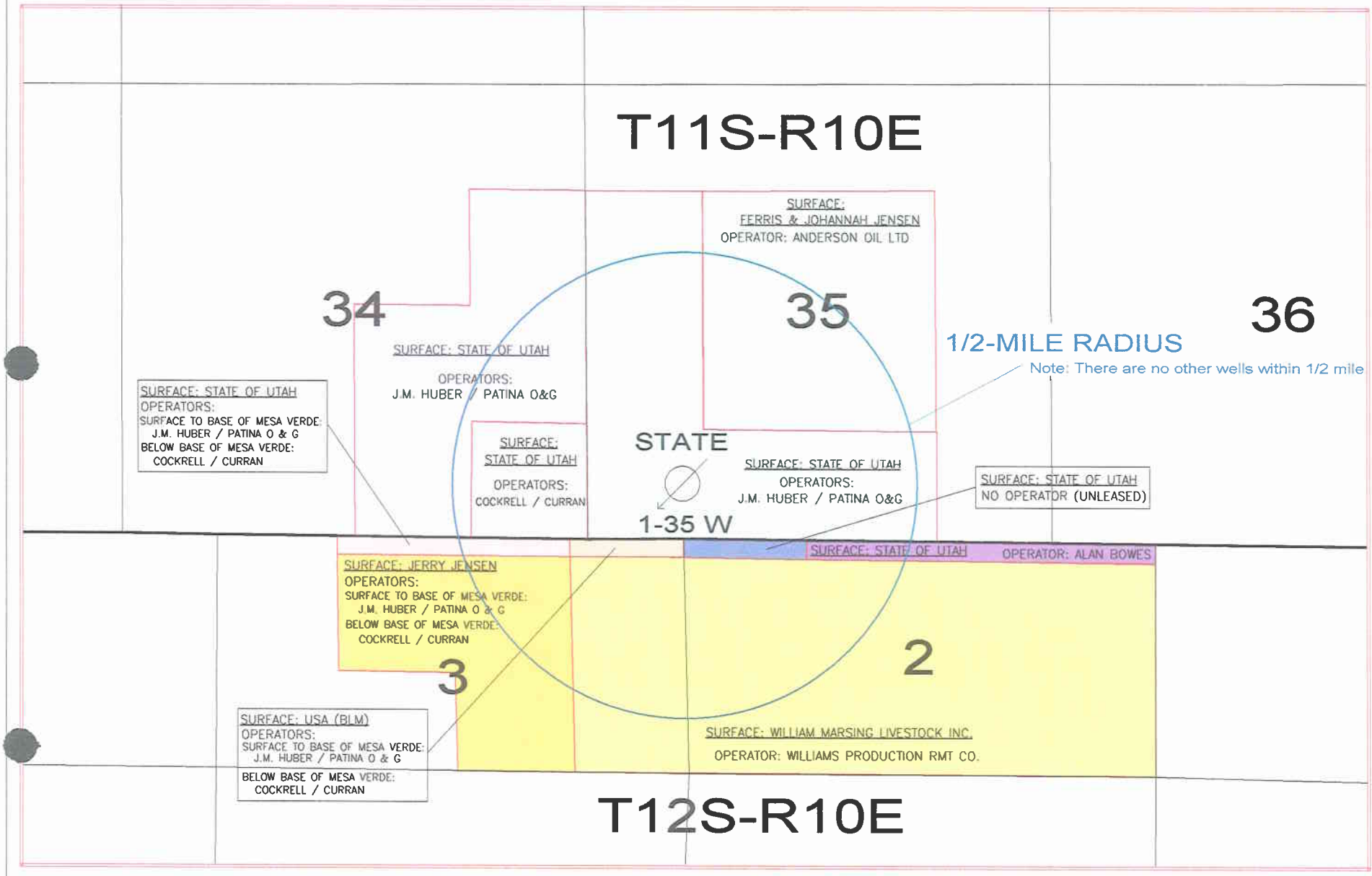
The survey of springs and wells (Exhibit 2.10.1) does not indicate any springs or wells from the Storrs or Panther Sandstones in the vicinity of the proposed injection project.

2.10 Structure Map.

A Structure Map on the Aberdeen Sandstone is attached.

2.11 Affidavit of notice.

Copies of the Return Receipt from each party notified are attached. The copies indicated the date of delivery and the recipient.

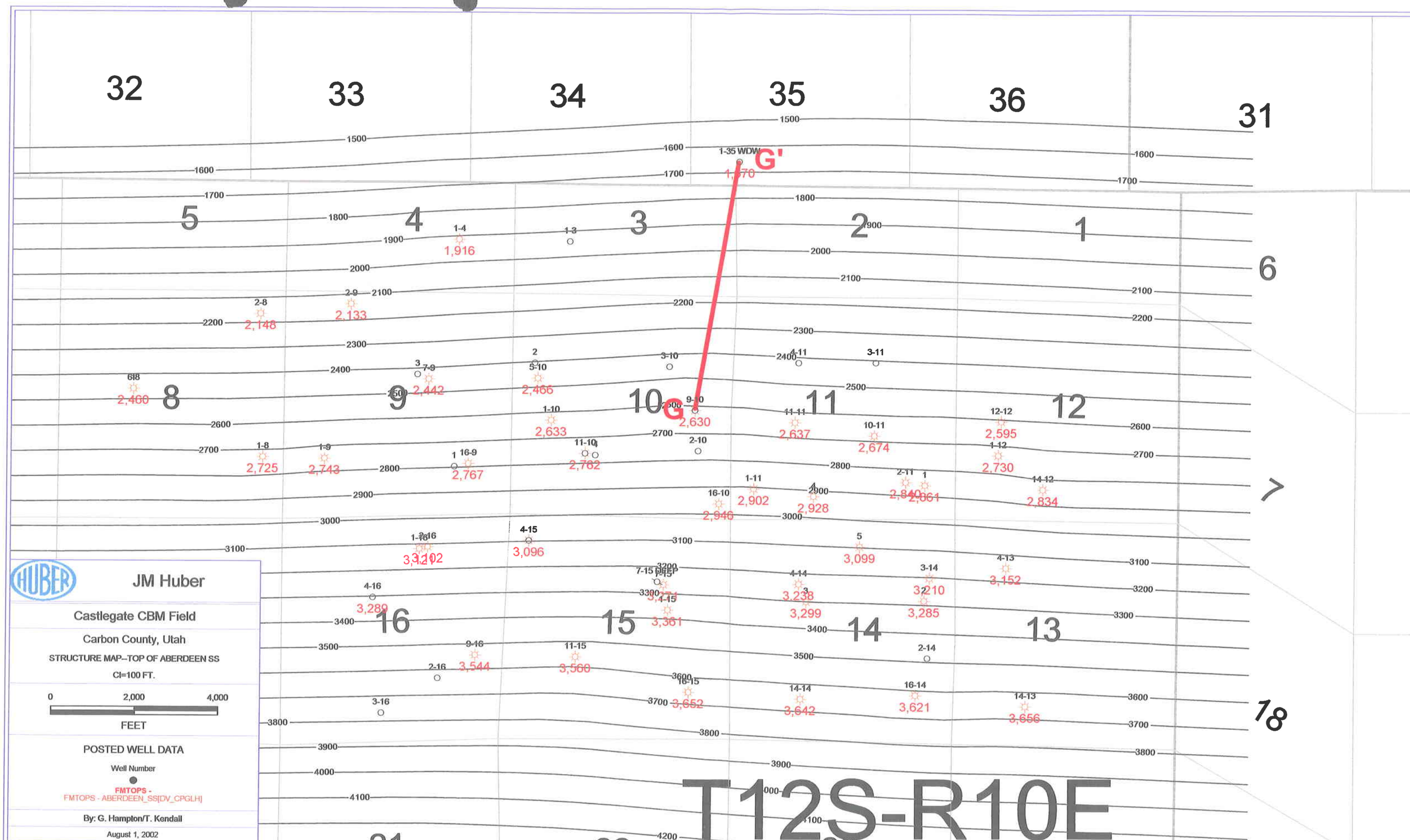


LEGEND

- Producing Gas
- Injection Well

EXHIBIT 2 and EXHIBIT 2.1.1

J.M. Huber Corp.		
State #1-35 Proposed Injection Well Surface Owners & Operators Duchesne County, Utah		
TLK		8/1/2002
exb-sml.gpf	Scale 1:18870.62	UTM Zone 12



PETRA 8/1/2002 2:54:58 PM

143 SOUTH MAIN ST.
P.O.BOX 45838
SALT LAKE CITY, UTAH 84145
FED.TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	08/09/02

RECEIVED
AUG 14 2002
DIVISION OF
OIL, GAS AND MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8201P1U61
SCHEDULE	
START 08/09/02 END 08/09/02	
CUST. REF. NO.	
E RUSSELL	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
58 LINES 2.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	190.24
	TOTAL COST
	190.24

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF J. M. HUBER CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE HUBER STATE 1-35 WDW WELL LOCATED IN SECTION 35, TOWNSHIP 11 SOUTH, RANGE 10 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

NOTICE OF AGENCY AUCTION

CAUSE # UIC-295.1

---ooOoo---

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Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s John R. Baza
Associate Director

8201P1U6

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA DIV OF OIL-GAS & MINING WAS PUBLISHED BY TH CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NE PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 08/09/02 END 08/09/02

SIGNATURE Merrilyn D. Dore

DATE 08/09/02

Notary
MERRILYN D. DORE
824 West Big Mountain Drive
Taylorsville, Utah 84123
My Commission Expires
January 23, 2006
State of Utah

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2821 Rec 6131 NGAdmin

143 SOUTH MAIN ST.
P.O.BOX 45838
SALT LAKE CITY, UTAH 84145
FED.TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

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DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	08/09/02

RECEIVED
AUG 14 2002
DIVISION OF
OIL, GAS AND MINING

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	**INVOICE NUMBER**
801-538-5340	TL8201P1U61
SCHEDULE	
START 08/09/02 END 08/09/02	
CUST. REF. NO.	
E RUSSELL	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
58 LINES 2.00 COLUMN	
TIMES	**RATE**
1	1.64
MISC. CHARGES	**AD CHARGES**
.00	190.24
	TOTAL COST
	190.24

TRUCKLAND
Stockton Malone
'99 FORD F250, #8521/
877-750-3325.
'99 FORD F250, 4X4, Supe
Duty, Powerstoke, Extra-cal
XL, 108k mi., $14,500.
232-5220 dl1786
'99 FORD F250, pwr stroke
Ext.cab, XLT, $22,450 /obo
253-0688, 891-3511
'99 FORD F350 Crew Cal
XLT, silver, LB, leer shell, lc
extras 58k mi., very clea
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YOU CAN SELL
ANYTHING WITH
A CLASSIFIED AD!
DIAL 237-2000
'99 FORD F350, Flat-bed,
Aluminum bed, Excellent
cond., $12,995. 255-0069
dl2072
235-7057.

'00 FORD F150 Short X-cab
'00 FORD F150 Quad Cab
4x4, XLT Step Side.
$18,000 #6881
Christopher Kia 495-6959
South Jordan Auto Center
LaPoint Ford
'01 FORD Super Crew Lariat
4x4, all options, $25,550.
264-4753.
'01 FORD RANGER, XLT,
4dr., Auto, 4X4, Loaded,
$15,995. University Hyundai
801-226-8194
'01 FORD Ranger XLT, 4x4
Super Cab, 4.0L V6, quad
doors, CD, air, white. Excel.
cond. $15,400 obo. Call
651-2081 or 253-9459
'01 FORD Ranger Supercab
XLT 4x4 $15,998 973-7030
DL3016.
'01 FORD Ranger Supercab
XLT 4x4 $15,648 973-7030
DL3016.
'01 FORD Ranger Supercab
XLT 4x4 $15,648 973-7030
DL3016.
'01 FORD Ranger Supercab
XLT 4x4 $15,648 973-7030
DL3016.
WILLEY FORD 292-4433
4K mi $16,995

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PUBLISHED ON START 08/09/02 END 08/09/02

SIGNATURE Merrilyn D. Dore

DATE 08/09/02

Notary Public
MERRILYN D. DORE
824 West Big Mountain Drive
Taylorsville, Utah 84123
My Commission Expires
January 23, 2006
State of Utah

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.

2821 Rec 6131 NGAdmoIN

AFFIDAVIT OF PUBLICATION

STATE OF UTAH)

ss.

County of Carbon,)

I, Ken Larson, on oath, say that I am the Publisher of the Sun Advocate, a twice-weekly newspaper of general circulation, published at Price, State a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 (One) consecutive issues, and that the first publication was on the 13th day of August, 2002, and that the last publication of such notice was in the issue of such newspaper dated the 13th day of August, 2002.

Ken G. Larson

Ken G Larson - Publisher

Subscribed and sworn to before me this 13th day of August, 2002.

Linda Thayn

Notary Public My commission expires January 10, 2003 Residing at Price, Utah

Publication fee, $ 101.92

LINDA THAYN
NOTARY PUBLIC · STATE of UTAH
845 EAST MAIN
PRICE, UTAH 84501
COMM. EXP. 1-10-2003

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-295.1

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Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
For John R. Baza
Associate Director

Published in the Sun Advocate August 13, 2002.

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 13 day of August, 20 02, and that the last publication of such notice was in the issue of such newspaper dated the 13 day of August, 20 02.

Publisher

Subscribed and sworn to before me this 19 day of August, 20 02

Bonnie Parrish
Notary Public

BONNIE PARRISH
NOTARY PUBLIC • STATE of UTAH
471 N. HILLCREST DR. (415-5)
ROOSEVELT, UT 84066
COMM. EXP 3-31-2004

NOTICE OF AGENCY ACTION CAUSE NO. UIC-295.1

IN THE MATTER OF THE APPLICATION OF J. M. HUBER CORPORATION FOR ADMINISTRATIVE APPROVAL OF THE HUBER STATE 1-35 WDW WELL LOCATED IN SECTION 35, TOWNSHIP 11 SOUTH, RANGE 10 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of J. M. Huber Corporation for administrative approval of the Huber State 1-35 WDW well, located in Section 35, Township 11 South, Range 10 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient infor-

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

ACTION
CAUSE NO.
UIC-295.1

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Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient information submitted by the operator.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for this proceeding is John R. Baza, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5334. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
For John R. Baza
Associate Director

Published in the Uintah Basin Standard August 13, 2002.

Subscribed and sworn to before me this
19 day of August, 2002

Bonnie Parrish
Notary Public

BONNIE PARRISH
NOTARY PUBLIC • STATE of UTAH
471 N. HILLCREST DR. (415-5)
ROOSEVELT, UT 84066
COMM. EXP 3-31-2004

RECEIVED
AUG 20 2002
DIVISION OF
OIL, GAS AND MINING

Range 10 East, Duchesne County, Utah, for conversion to a Class II injection well. The adjudicative proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Selective zones in the Spring Canyon Formation will be used for water injection. The maximum requested injection pressure and rate will be determined from fracture gradient information submitted by the operator.

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Dated this 5th day of August, 2002.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
For John R. Baza
Associate Director

Published in the Uintah Basin Standard August 13, 2002.

HUBER

A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

1050-17th Street
Suite 1850
Denver, CO 80265
phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dvjsz@huber.com

www.huber.com

August 26, 2002

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: Mr. K. Michael Hebertson

RE: Application for Water Disposal Well
SWSE Section 35-T11S-R10E
Castlegate Field, Duchesne County, Utah

Dear Mr. Hebertson:

The attached is the last proof of mailing to the offset owners. This one was a straggler that we just got back. This should complete the list of owners notified.

Sincerely,

Gary J. Johnson
Consulting Petroleum Engineer

Enclosures

RECEIVED

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Phillip Gregory Marsing
PO Box 190
Price, UT 84501

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery

C. Signature

X Boyd

☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*

7000 1670 0007 3344 6464

PS Form 3811, July 1999 Domestic Return Receipt 102595-00-M-0952

JUL 30 2002

P. 01

TRANSACTION REPORT

SEP-11-2002 WED 04:16 PM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
SEP-11	04:16 PM	14356139489	35″	1	SEND	OK	834	

TOTAL : 35S PAGES: 1

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

September 11, 2002

J. M. Huber Corporation
1050 17 Street Suite 1850
Denver, Colorado 80265

Re: Huber State 1-35 SW SE Section 35, T11S, R10E, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

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September 11, 2002

J. M. Huber Corporation
1050 17 Street Suite 1850
Denver, Colorado 80265

Re: Huber State 1-35 SW SE Section 35, T11S, R10E, Duchesne County, Utah

Gentlemen:

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1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by J. M. Huber Corporation.

3. A fracture gradient shall be obtained from a Step Rate Test, and the results submitted to the Division.

4. A Mechanical Integrity Test shall be conducted and the Division shall be given 24 hours notice prior to conducting the test, to allow arrangements for a witness to be present.

5. A Temperature or Tracer Survey shall be run to verify that injection fluids will stay in the approved zone.

The above stipulations shall be complied with prior to the issuance of a final injection permit. If you have any questions regarding this approval or the necessary requirements, please contact K. Michael Hebertson (801) 538-5333.

Sincerely,

for John R. Baza
Associate Director

er
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne, County Commission

Utah!
Where ideas connect

J. M. HUBER CORPORATION

OPERATOR	J. M. HUBER CORPORATION
WELL NAME	HUBER STATE 1-35 WDW
LEGAL LOCATION	SE 35, T11S, R10E
COUNTY, STATE	DUCHESNE COUNTY, UTAH

DAILY COMPLETION REPORT

DATE	09/20/02	TOTAL DEPTH	6400'
REPORT NO.	42	PDTD	6356'
RIG CONTRACTOR	TEMPLE	PERFORATIONS	5772' - 5885'
CONSULTANT	SESSIONS/OMAN	AFE #	7160

PRESENT OPERATION

PRESENT OPERATION	DAILY COSTS	CUMULATIVE COSTS	AFE COSTS
RIG RELEASED	$ 12,689.00	$ 754,493.00	$ 828,000.00

DAILY COMPLETION SUMMARY

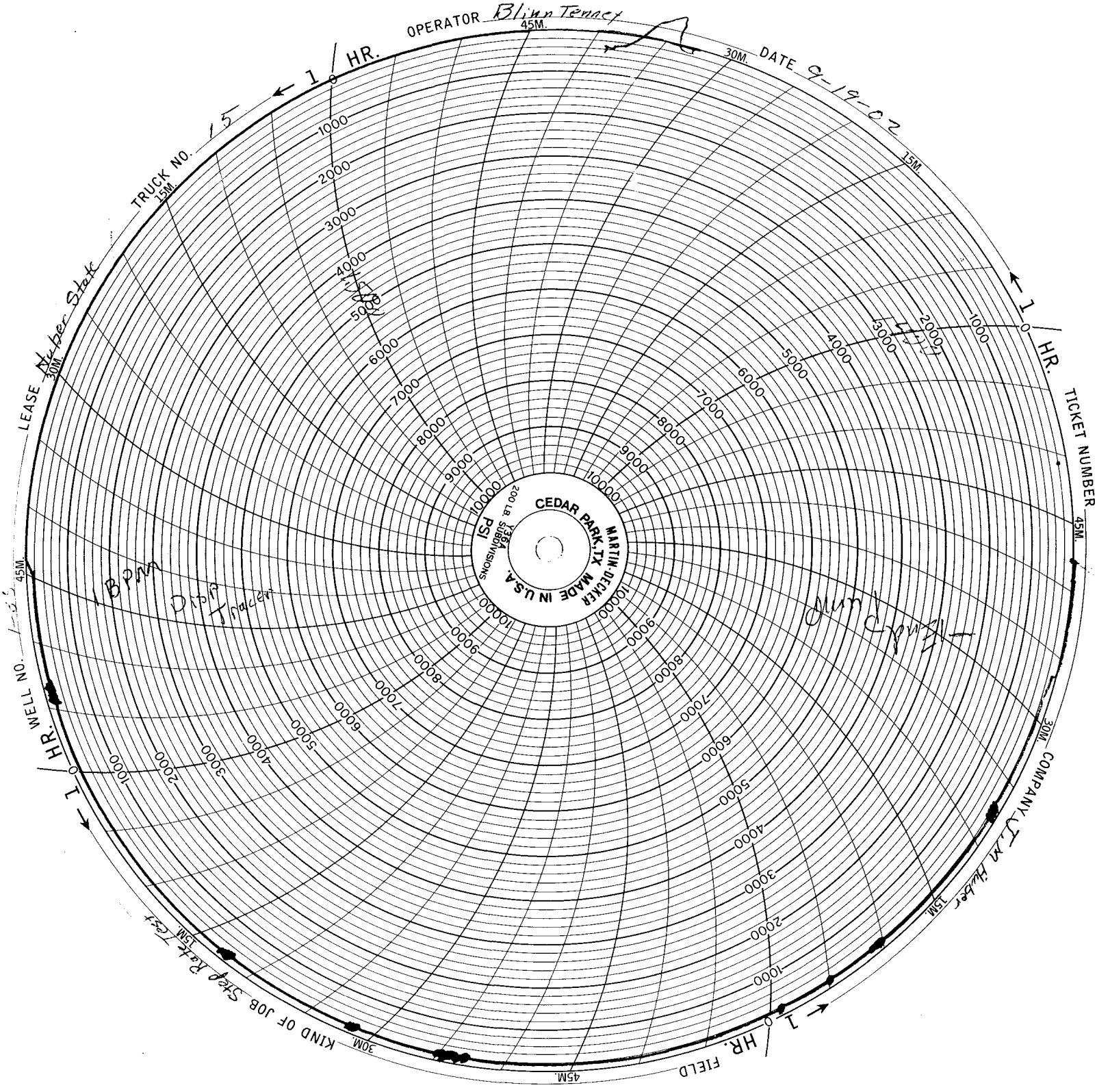
FROM (hrs)	TO (hrs)	HOURS (hrs)	DESCRIPTION OF DAILY OPERATIONS (06:00 - 06:00 hrs)
05:00	07:00	2.00	CREW TRAVEL FROM VERNAL TO LOCATION.
07:00	09:00	2.00	R.U. RIG. UNSEAT PKR, SPACE OUT, RE-SEAT PKR @ 5746', INSTALL W.H.
09:00	10:00	1.00	R.U. PUMP TRUCK TO BACKSIDE, & TEST SAME TO 1000 PSI, HELD OK FOR 15 MIN.
10:00	16:00	6.00	R.U. PRODUCTION LOGGING SERVICES. RIH W/ W.L., & SET 2 - 5,000 PSI BOTTOM-HOLE PRESSURE GAUGES. SET GAUGES @ 5743'. R.U. PUMP TRUCK TO W.H., & PREPARE TO RUN STEP RATE TEST. ALL FLUID PUMPED IS FILTERED 2% KCL WATER.
			PUMPED IN @ 1/2 BPM FOR 30 MIN., PSI STEADY @ 200
			PUMPED IN @ 1 BPM FOR 30 MIN., PSI STEADY @ 300
			PUMPED IN @ 2 BPM FOR 30 MIN., PSI STEADY @ 490
			PUMPED IN @ 4 BPM FOR 30 MIN., PSI STEADY @ 890
			PUMPED IN @ 8 BPM FOR 30 MIN., PSI STEADY @ 2100
			PUMPED IN @ 9.2 BPM FOR 30 MIN., PSI STEADY @ 2595
16:00	16:30	0.50	ISIP - 400 PSI, 5 MIN - 325 PSI, 10 MIN - 300 PSI, 15 MIN - 290 PSI.
16:30	17:00	0.50	POH W/ BOTTOM HOLE PRESSURE GAUGES.
17:00	19:00	2.00	RAN TRACER SURVEY. SURVEY INDICATED WATER STAYING IN ZONE. R.D. PUMP TRUCK, & LOGGERS.
			*STEP RATE TEST WITNESSED BY STATE OF UTAH INSPECTOR, MIKE HEBERTSON. PROCEDURE ALONG W/ ALL PUMP CHARTS WERE SIGNED BY MR. HEBERTSON.
TOTAL HOURS		14.00	

SUMMARY OF RIG HOURS

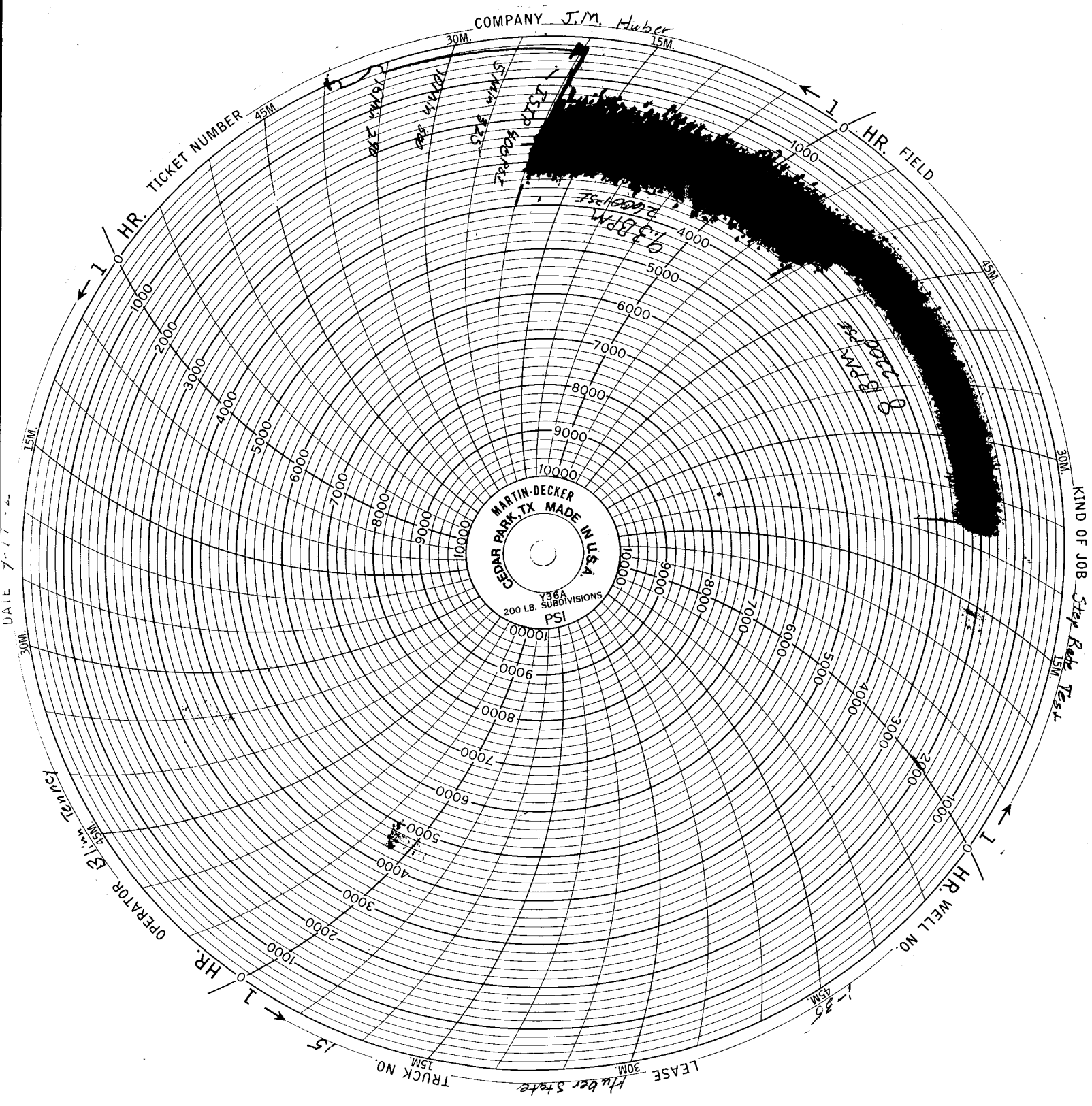
DESC.	DAILY (hrs)	CUM (hrs)
TRAVEL		
MI & RU		
RD & MO		
TRIP		
CIRC		
LOG		
FRAC		
DRILL DV		
PERF		
NU / ND		
PRES TEST		
RIG REPAIR		
SWAB		
ACID		
OTHER		
TOTALS	0.00	0.00

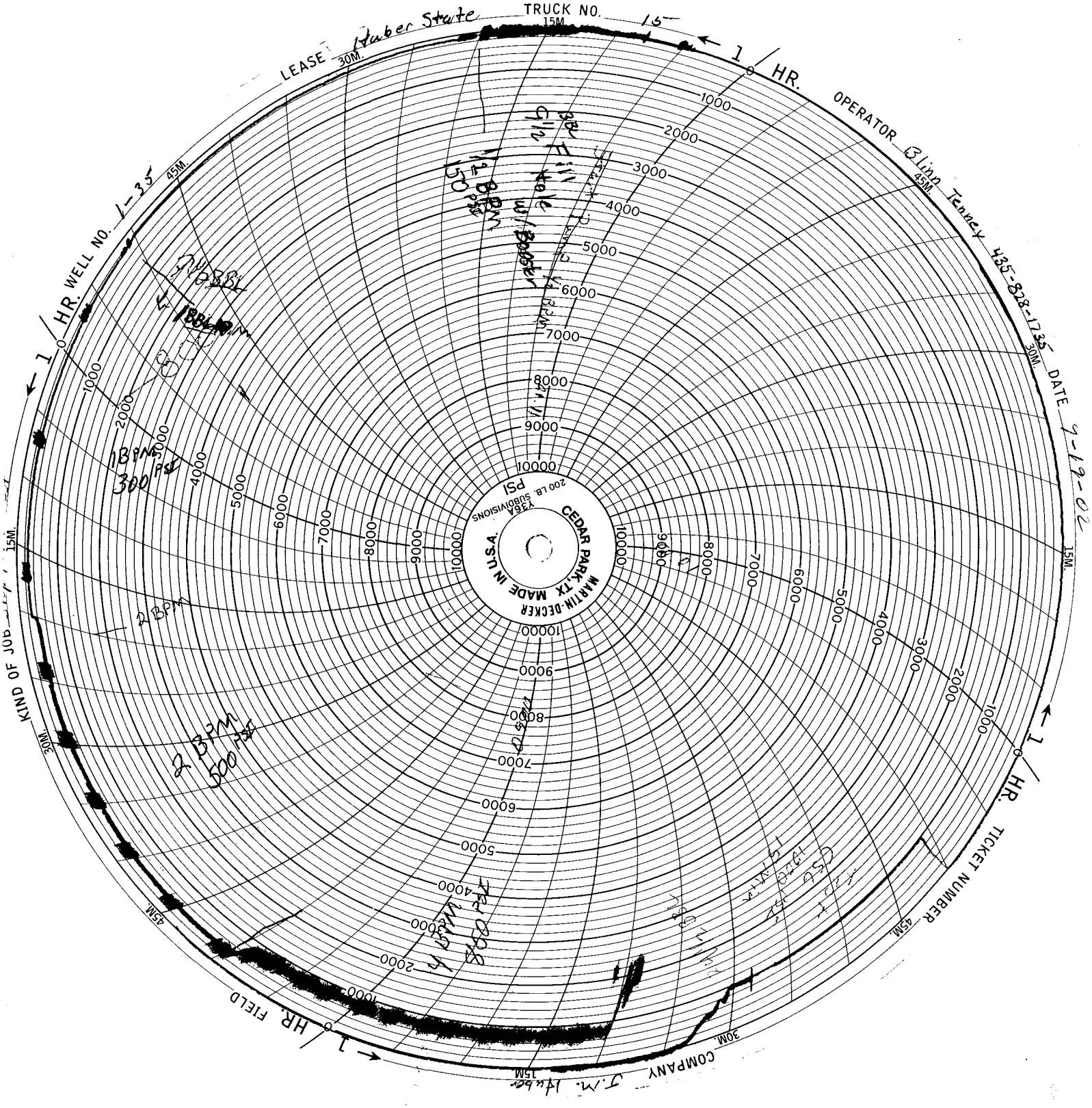
DESCRIPTION OF DAILY & CUMULATIVE COSTS

COST CODE	DESCRIPTION OF DAILY COSTS	DAILY ($)	CUMULATIVE ($)	AFE ($)
860.1 & 302	Surface Acquisition, ROWS, Damages & Building Road & Location		$ 10,450	$ 15,000
860.305	Mobilization/ Demobilization		$ 40,200	$ 96,000
860.319	Completion Rig	$ 1,490	$ 37,405	$ 100,000
860.304	Rig Daywork		$ 283,600	$ 140,000
860.307	Drilling Mud		$ 30,430	$ 12,000
860.308	Cementing Services	$ 3,408	$ 38,927	$ 25,000
860.08	Trucking		$ 1,028	$ 10,000
860.205	Rental Equipment-BOP's, DO & DC's, Choke Manifold, ETC	$ 500	$ 14,392	$ 70,000
860.309	Cement Tools- Float Eqpt, Stage Collars, Centralizer, Etc		$ 4,814	$ 15,000
860.310 & 316	Wire Line Services- Logging & Perforating		$ 29,922	$ 30,000
860.403	Supervision- Wellstie, Engineering		$ -	$ 25,000
860.311	Mud Logging, Data Recording, or Gas Detector		$ 9,500	$ 10,000
860.640	Misc. Intang - Safety, Supplies, Taxes, Welding, Etc.		$ 19,527	$ 10,000
860.240	Water Hauling	$ 2,600	$ 22,325	$ 10,000
860.314	Bits, Reamers, Stabilizers, Shock Subs, Jars, Etc		$ 67,960	$ 50,000
825.100 & 200	Surface and Production Casing		$ 122,623	$ 120,000
860.318	Formation Stimulation - Sand Control	$ 4,691	$ 21,390	$ 15,000
825.300,350,400&500	Other Misc. Tangible Well Eqpt- Wellhead, Artificial Lift Eqpt, Tubing, ETC		$ -	$ 66,000
825.550 , 600 & 650	Other Misc Lease Eqpt			$ 9,000
	Other .			
	TOTAL COSTS	$ 12,689	$ 754,493	$ 828,000



All charts witnessed by
Michael Hubertson Sept 19th 2002


COMPANY J.M. Huber
TICKET NUMBER
FIELD
KIND OF JOB Step Rate Test
WELL NO. I-35
LEASE Huber State
TRUCK NO. 15
OPERATOR Blinn Tennecy
DATE
1 HR.
30M.
15M.
45M.
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
MARTIN-DECKER
CEDAR PARK, TX MADE IN U.S.A.
Y36A
200 LB. SUBDIVISIONS
PSI
ISIP 400 PSI
5 Min 325
10 Min 300
15 Min 290
9.3 BPM 2600 PSI
8 BPM 2200 PSI


TRUCK NO. 15
LEASE Huber State
OPERATOR Blinn Tenney 435-828-1735
DATE 9-19-02
WELL NO. 1-35
KIND OF JOB
TICKET NUMBER
COMPANY J.M. Huber
FIELD
1 HR.
15M.
30M.
45M.
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
PSI
200 LB. SUBDIVISIONS
Y36A
CEDAR PARK, TX
MARTIN-DECKER
MADE IN U.S.A.
1 BPM 300 PSI
2 BPM 500 PSI
4 BPM 800 PSI

HUBER

A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

MEMORANDUM

To: Mr. Scott Zimmerman

From: David Gomendi

cc: Tom Erwin, Larry Sessions, Gary Johnson

Date: October 16, 2002

Regarding: Information in support of Request for Injection Permit for WDW 1-35, Duchesne County, Utah.

J. M. Huber Corporation
Huber State 1-35 WDW
Step Rate Test Analysis
Test run 09/19/02

Pressures recorded:

Injection Rate BPM	Surface Pressure PSIG	Gauge Pressure PSIG	Mid-perf Pressure PSIG (Calculated)
0	0	2292	2333
0.5	200	2640	2681
1.0	300	2748	2789
2.0	490	2807	2848
4.0	890	2858	2899
8.0	2100	2920	2961
9.2	2595	2937	2978

Gauge pressure was measured at 5735' with dual bottomhole pressure gauges. Pressure was corrected to a mid-perf depth of 5828.5'. The specific gravity of the fluid was 1.011 that corresponds to both the formation fluid specific gravity and the 2% KCL water used as the injection fluid.

The zero rate bottomhole pressure illustrates the shut-in bottomhole pressure, or formation pressure in the Spring Canyon Sandstone. The shut-in pressure confirms the formation is under pressured and has a pressure gradient of 0.399 psi/ft. The zero point was dropped from the analyses, as the hole was not full.

Plots were made of surface pressure vs. rate, bottomhole pressure vs. rate and mid-perf pressure vs. rate to determine a "breakover" that would illustrate formation parting pressure. The plots are attached for surface and mid-perf.

The step rate test was pumped utilizing 2-7/8", 6.5#, J-55 tubing with an I.D. of 2.441". The 7" packer was set at 5,746'. The perforated intervals are 5,772'-5,826' and 5,850'-5,885'. PBTD is 6,356'. Gauges were set at 5,735', in the tubing string and above the packer.

The tubing string to be utilized for the injection process will be 3-1/2", 9.3#, J-55, internally plastic coated with an I.D. of 2.992". The larger pipe diameter and the internal plastic coating will serve to reduce friction pressure.

A Mechanical Properties Log was submitted earlier. This log indicates that the Minimum Horizontal Stress Gradient values in the Spring Canyon Sandstone at 5772' to 5826' are 0.73 to 0.84 psi/ft. Values bounding the proposed injection intervals are 0.87 to 0.89 psi/ft below the interval and 0.82 to 0.94 psi/ft above the injection interval. These values indicate that the injection zone will part at a lower pressure than the bounding formations, thereby keeping the injected fluid in the proposed interval.

Using the lower Spring Canyon stress gradient value of 0.73 psi/ft, the expected surface pressure would be 1701 psig assuming no friction pressure. In order to obtain a 0.82 psi/ft pressure, the potential parting pressure in the zone above the injection interval, a surface pressure of 2226 psig would be required, again assuming no friction pressure. Huber proposes to utilize two engineering factors to assure that the injection process will take place at pressures below the parting pressure of the Spring Canyon. Huber proposes to limit the injection pressure to a maximum of 1250 psig. This is approximately a 0.65 psi/ft. gradient, well below the 0.73 psi/ft gradient cited above. Also, this pressure would be the maximum surface pressure at the wellhead during injection. This then ignores any friction pressure in the injection tubing, packer and casing below the packer. Friction pressure would then be a subtraction from the 0.65 psi/ft gradient.

The pump-in Tracer (injection profile) run on the well indicates the injected fluid remained within the Spring Canyon Sandstone during the test with no channeling observed above or below the injection interval. A copy of the log is included in this package.

J. M. HUBER CORPORATION
HUBER STATE 1-35 WDW
STEP RATE TEST DATA

19-Sep-02

Injection Rate BPM	Surface Pressure PSIG	Gauge Pressure PSIG	Mid-perf Pressure PSIG	
0.00	0	2292	2333	Static bottomhole pressure
0.50	200	2640	2681	
1.00	300	2748	2789	
2.00	490	2807	2848	
4.00	890	2858	2899	
8.00	2100	2920	2961	
9.20	2595	2937	2978	

Hydrostatic pressure based on formation water specific gravity of 1.011

Injection fluid was 2% KCl water with specific gravity of 1.011

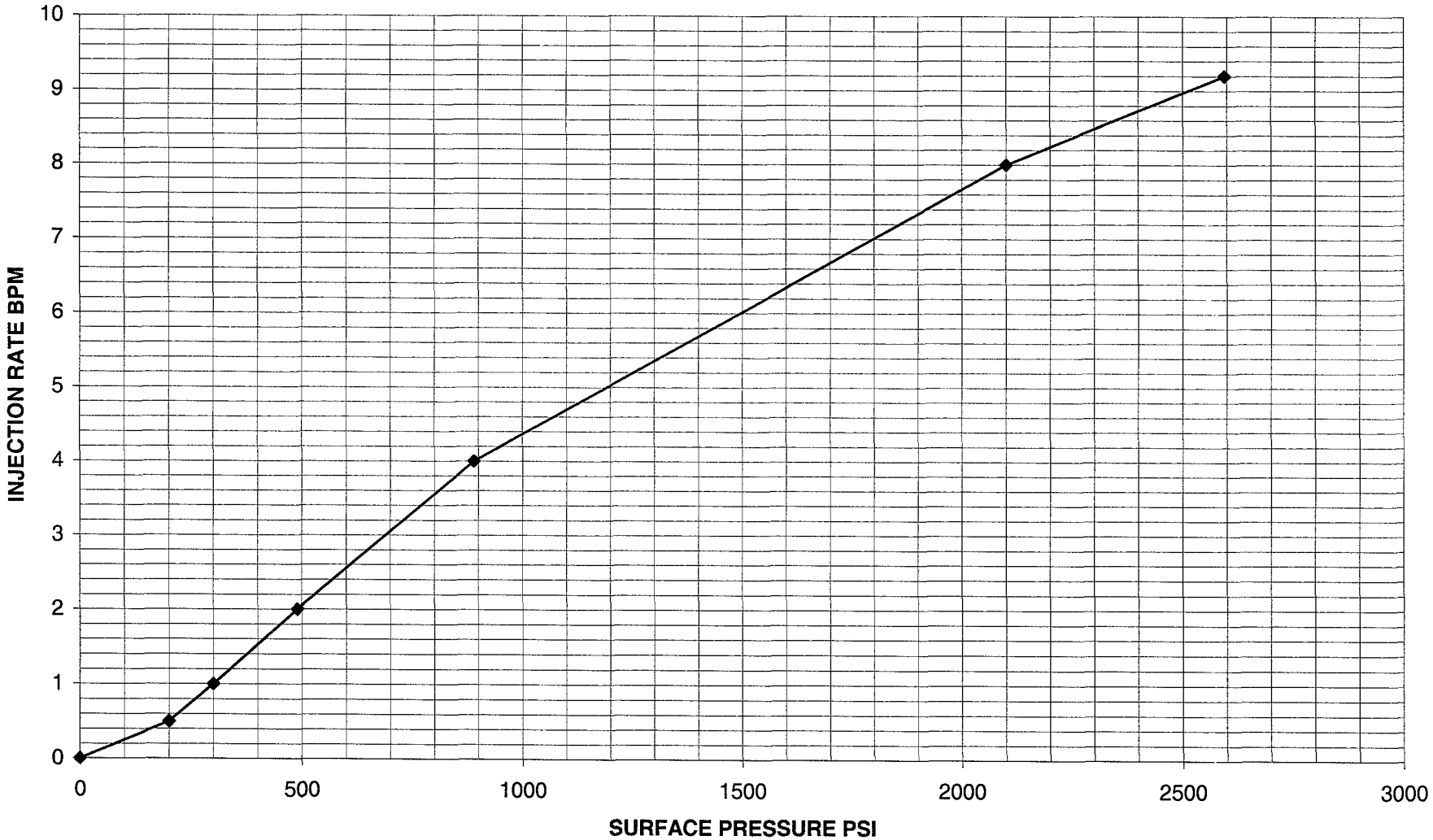
Guage pressure based on setting depth of 5735'

Mid-perf pressure calculated at 5828.5'

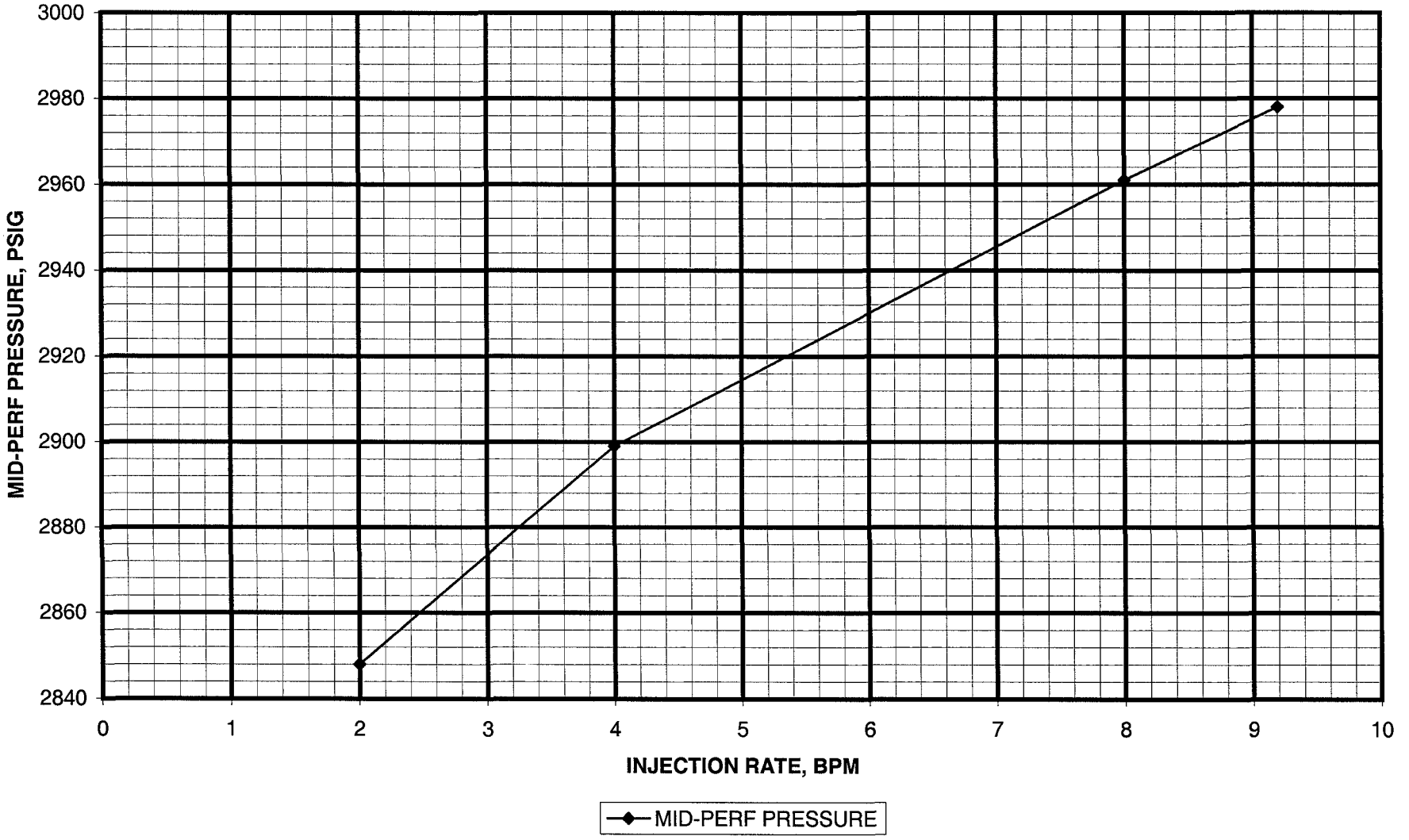
Static bottomhole pressure after = 2292 psig after shut-in since July 4, 2002

Bottomhole pressure gradient at mid perf = .399 psi/ft

HUBER STATE 1-35 WDW
CHART 1



HUBER STATE 1-35 WDW
CHART 3



A FAMILY OF SOLUTIONS

ENERGY

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1050-17th Street
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e-mail: dvdag@huber.com

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October 16, 2002

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn: Mr. John R. Baza
Associate Director

RE: Huber State 1-35 WDW, SE Sec. 35-T11S-R10E, Duchesne County, Utah
Conversion to Class II injection well
Required tests and results

Gentlemen:

In compliance with conditions outlined in your administrative approval for conversion of the referenced well to a Class II injection well dated September 11, 2002, J. M. Huber submits the following data and requests the issuance an injection permit:

1. A Mechanical Integrity Test was performed on September 19, 2002. The test was performed using a pump truck furnished by Big Four Cementing Service. The casing-tubing annulus was pressured to 1000 psig and held for 15 minutes with no leakoff. The test was witnessed by Michael Hebertson of the DOGM.
2. A Step Rate Test was performed using bottomhole pressure gauges furnished by Production Logging Services, Inc. The data from the test is attached along with an analysis by Dr. John Seidle, Senior Reservoir Engineer, Sproule Associates Inc. The test was witnessed by Michael Hebertson of the DOGM.
3. A Pump-in Tracer Survey was run to verify that injection fluids were staying in the approved injection zone. The logging was performed

by Production Logging Services, Inc. A copy of the survey is attached. This survey indicates all fluids injected are staying in the approved injection zone.

Based on the results of the Mechanical Integrity Test, the Step Rate Test, the Pump-inTracer Survey, analysis by a qualified third party engineer and the minimum horizontal stress gradient values determined by the Mechanical Properties Log, J. M. Huber Corporation requests the issuance of an injection permit for the Huber State 1-35 WDW. Huber requests the permit allow injection into the Huber State 1-35 WDW at a maximum surface wellhead injection pressure of 1250 psig. After a period of six months injection, Huber proposes to run Tracer and Temperature surveys to monitor that injection fluids are remaining within the proposed injection interval. Depending upon results of the monitoring process, the requested maximum pressure may be revised.

Should you have any questions, do not hesitate to call me at your convenience.

Sincerely,

David Gomendi, PE
Operations Manager

Sproule
ASSOCIATES
INC.

Geological and Petroleum Engineering Consul

Executive Officers and Managers
K.H. Crowther*, B.S., P.Eng., *President*
R.K. MacLeod*, B.S., P.Eng., *Executive Vice-President*
J.L. Chipperfield*, B.Sc., P.Geol., *Vice-President, Geology; Corporate Secretary*
H.J. Helwerda, B.Sc., P.Eng., *Vice-President, Engineering, Canada and U.S.*
G.C. Barritt, C.G.A., *Controller; Treasurer*
L.S. O'Connor, B.S., C.P.G., *Manager, Denver Office*
H.E. Saul, M.Engr., P.E., *Manager, Houston Office*
J.P. Seidle, Ph.D., P.E., *Denver Office*

**Director*

October 17, 2002

Scott Zimmerman, Vice President
Energy Sector
J. M. Huber Corporation
1050 17th Street – Suite 700
Denver, CO 80265

Subject: Analysis of pressure transient test data from the Huber State 1-35 WDW, Duchesne County, Utah

Dear Scott:

As per your request, Sproule has analyzed test data from the above referenced well. The test was designed and executed as a step rate test but the resulting data yielded an ambiguous frac parting pressure. As detailed below, it is Sproule's opinion that the data are best interpreted as an unstimulated wellbore injecting into a homogenous, uniform reservoir with a permeability of approximately 90 md.

The State 1-35 WDW is perforated in two intervals in the Spring Canyon zone from 5772 to 5826 feet and 5850 to 5885 feet. As part of the completion procedure, a step rate test was done to determine fracture parting pressure. A plot of step rates and pressures, included here as Figure 1, did not exhibit the classic, two straight line behavior of such tests but instead appeared as a concave downward facing curve. Several straight lines could be arbitrarily drawn through selected data points, all yielding frac parting pressures on the order of 0.48 psi/foot and the final step corresponds to a gradient of 0.51 psi/ft. It appears that this test was not run at sufficiently high rates to initiate a fracture. A log-log plot of the data indicated minimal wellbore storage during injection, thus these data probably reflect formation, not wellbore, conditions.

Attempts to interpret the data as a multi-rate falloff test were inconclusive. A log-log plot of the falloff portion of the test, Figure 2, shows the data fall away from the unit slope line early in the shutin and are free of wellbore storage effects after about 0.1 hours. Note the test data after coming out of wellbore storage do not fall on a half-slope line, a further indication that this test failed to initiate a fracture in the formation. A multi-rate

900, 140 Fourth Ave SW; Calgary AB T2P 3N3 Canada; Tel: (403) 294-5500, Fax: (403) 294-5590
1675 Broadway, Suite 1130, Denver CO 80202 U.S.A.; Tel: (303) 592-8770, Fax: (303) 592-8771
1000 Louisiana, Suite 3610, Houston TX 77002 U.S.A.; Tel: (713) 652-5140, Fax: (713) 652-5143
Toll Free: 1-877-777-6135
info@sproule.com, www.sproule.com

injection history was constructed from all rate and pressure data and the falloff portion of the data analyzed. Several semilog straight lines could be discerned in the data, Figure 3, but all yielded permeabilities of several hundred millidarcies and very negative skins. None of these analyses were credible as the data all appeared to be in transient flow.

Lastly, the falloff portion of the test was matched using basic superposition, closed form, transient flow equations. The calculations assumed a constant flowrate, defined as total injected volume divided by test time. The final match, shown in Figure 4, is based on a permeability of 90 md and a wellbore skin of zero. Measured and calculated pressures are in good agreement throughout most of the shutin. As discussed above, data before about 0.1 hours are colored by wellbore storage, something not captured by the closed form equations employed here. The last few data points reflect tool response to the end of shutin.

The permeability and skin values reported here are based on a shutin duration of 34 minutes and should be used with caution. Geological evidence and well completion reports should be used to either confirm or refute them. A rudimentary calculation indicates the radius of investigation of this test is on the order of a hundred feet, at best. Due to normal reservoir heterogeneity, permeability of a large volume of rock will be less than that reported here. Additional testing may be warranted to verify injection capacity.

Thank you for this opportunity to be of service to J. M. Huber corporation. If you have questions on this analysis or wish to discuss it further, I would be pleased to meet with you at your convenience or feel free to contact me at 303-592-8770.

Very truly yours,

SPROULE ASSOCIATES INC.

John Seidle

John Seidle
Senior Reservoir Engineer

Figure 1. STATE 1-35 WDW-Step Rate Test Data

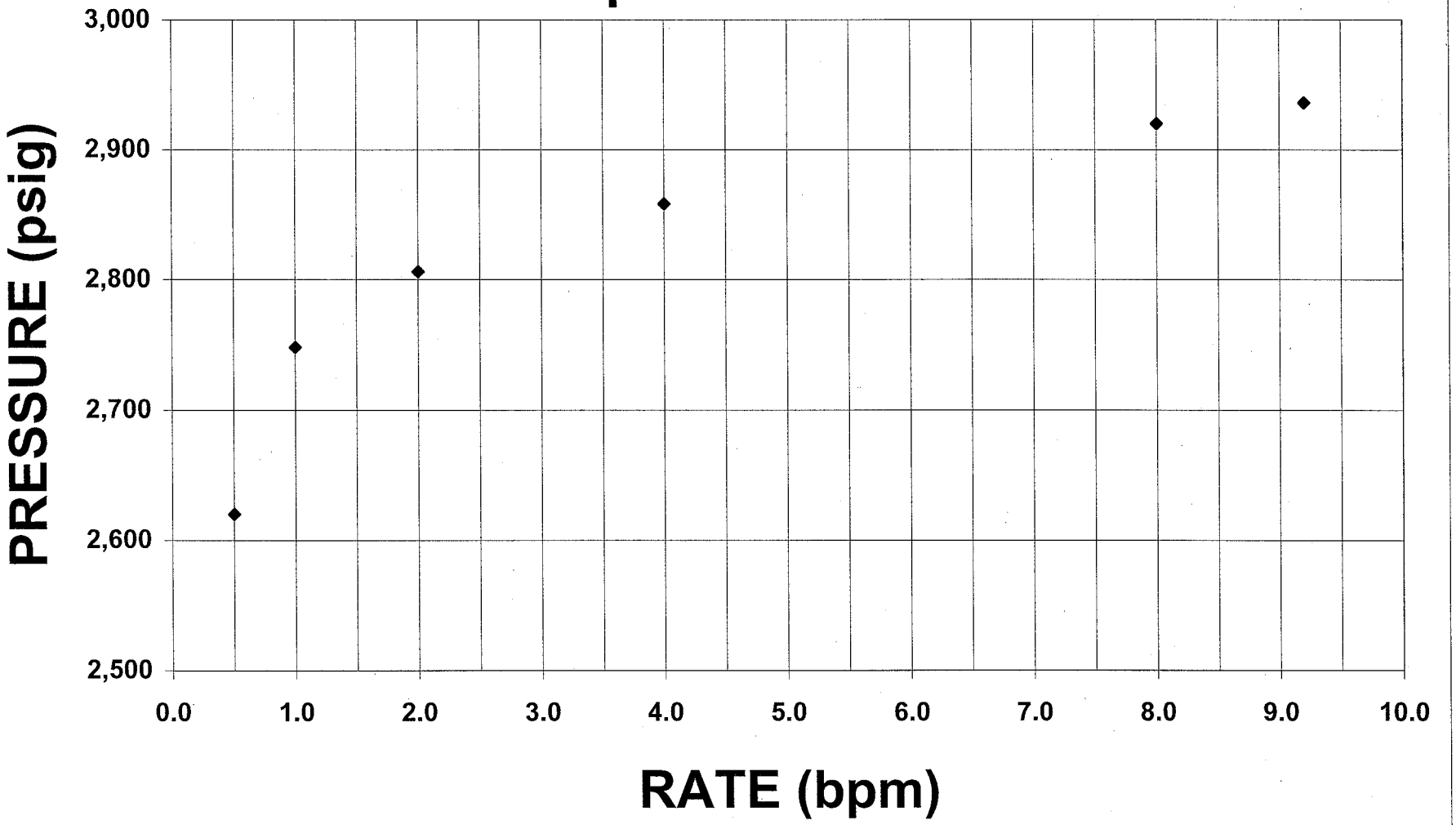


Figure 2. State 1-35 WIW Multi-Rate PFOT - Raw Data

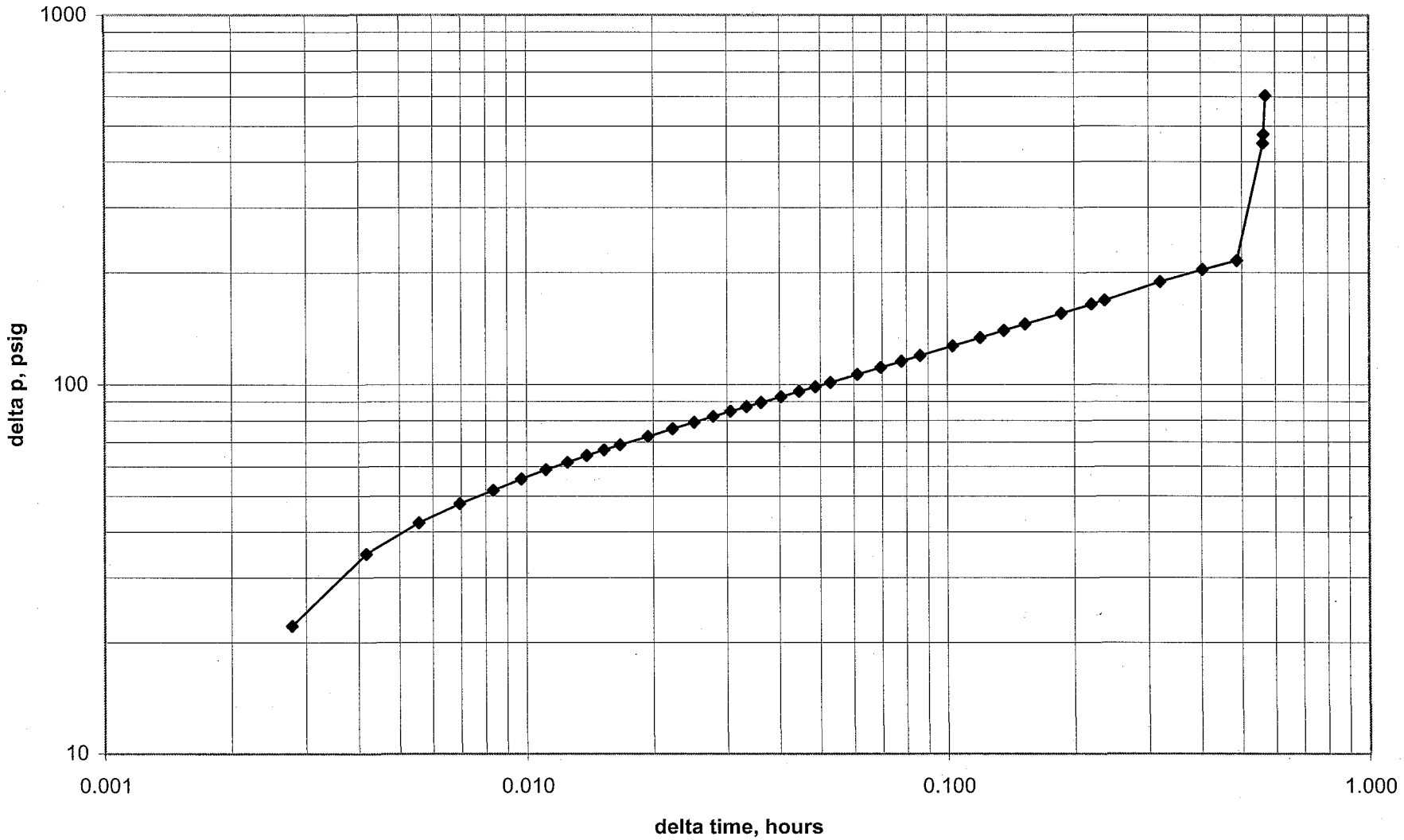


Figure 3. State 1-35 WIW Multi-Rate PFOT

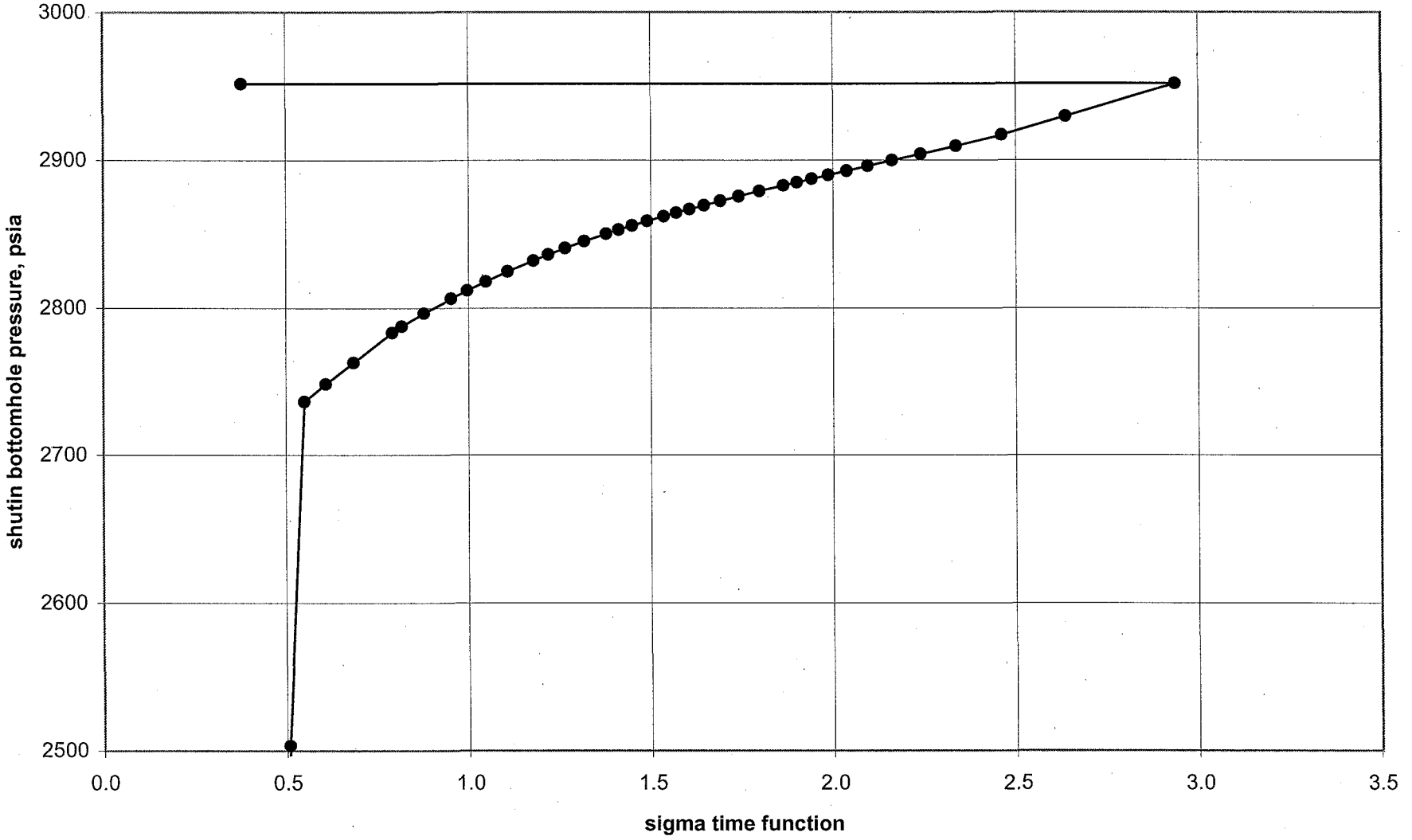
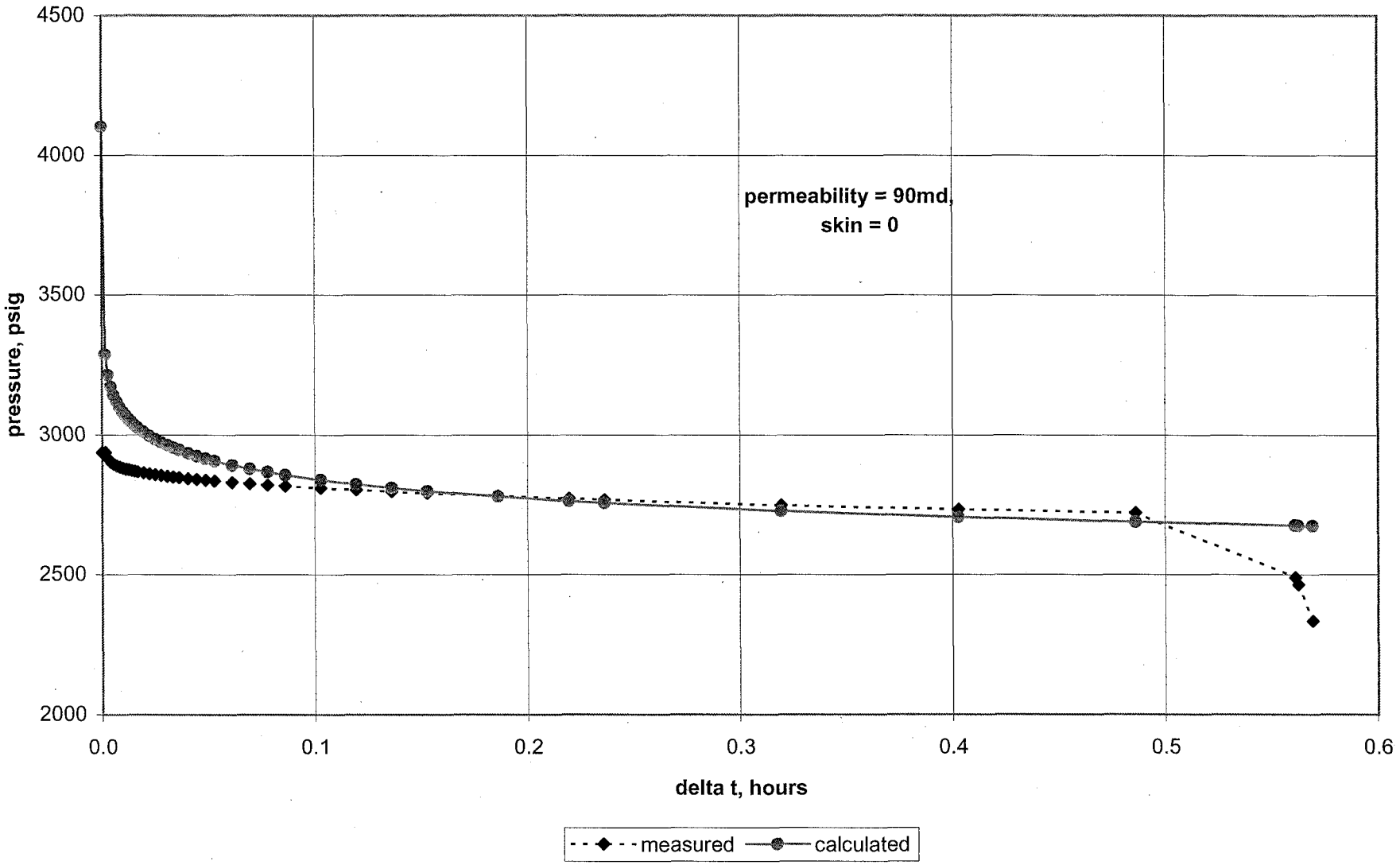


Figure 4. State 1-35 WIW - Measured and Calculated Pressure Falloff



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT [X] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

6. IF INDIAN,ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

8. WELL NAME and NUMBER: Huber-State 1-35 WDW

1a. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] DRY [ ] OTHER Water Disposal

b. TYPE OF WORK
NEW [X] HORIZ. [ ] DEEP- [ ] RE- [ ] DIFF. [ ]

2. NAME OF OPERATOR: J.M. Huber Corporation

9. API NUMBER: 43-013-32308

3. ADDRESS OF OPERATOR: 1050 17th St. Suite 700, Denver, CO 80265
PHONE NUMBER: 303-825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL (FOOTAGES): 540' FSL, 1135' FWL

AT TOP PRODUCING INTERVAL REPORTED BELOW: Same

AT TOTAL DEPTH: Same

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW Sec 35 11S 10E SL

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 4/12/2002

15. DATE T.D.. REACHED: 5/14/2002

16. DATE COMPLETED: 6/13/2002 ABANDONED [ ] READY TO PRODUCE [X]

17. ELEVATIONS (DF, RKB, RT, GL): 7250' GL 7265' KB

18. TOTAL DEPTH: MD 6,400' TVD 6,400'

19. PLUG BACK T.D.: MD 6,356' TVD 6,356'

20. IF MULTIPLE COMPLETIONS, HOW MANY?*

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Induction, Neutron-Density, Gamma Ray, Di-pole Sonic, Caliper Cement Bond

23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis)
WAS DST RUN? NO [X] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [X] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/FT.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP**	AMOUNT PULLED
12-1/4"	9-5/8" K-55	36	0	2,006		G 1070	225	0	0
8-3/4"	7" N-80	26	0	6,398		G 200	51	5465	0
					5,465	Lite 750	246	3790	0
						G 100	21	3790	0
								CBL	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SETR (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5,740	5,740						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) U. Spring Canyon	5,772	5,826	5,772	5,826
(B) L. Spring Canyon	5,850	5,885	5,850	5,885
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS			
5,772	5,826	0.4	216	OPEN	X	SQUEEZED	
5,850	5,885	0.4	140	OPEN	X	SQUEEZED	
				OPEN		SQUEEZED	
				OPEN		SQUEEZED	

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5772' to 5885'	5000 gallons 15% HCl

29. ENCLOSED ATTACHMENTS:

[X] ELECTRICAL/MECHANICAL LOGS [X] GEOLOGIC REPORT [ ] DST REPORT [ ] DIRECTIONAL SURVEY
[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [ ] CORE ANALYSIS [ ] OTHER:

30. WELL STATUS: SI

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE	HOURS TESTED:	TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
6/4/2002	6/5/2002	10		0	0	131	Swab

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:
N/A	0	0								

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE	HOURS TESTED:	TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE	HOURS TESTED:	TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:	TEST DATE	HOURS TESTED:	TEST PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: -->	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.
Castlegate	4,220	4,702	Sands, and Shales, Water in sandstones
Blackhawk	4,702	5,531	Sands, shales, and coals, Water, Gas
Kenilworth	5,370	5,430	Sandstone, Water
Aberdeen	5,578	5,632	Sandstone, Water
Spring Canyon	5,772	5,885	Sandstone, Water

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Blackhawk	4,702
Kenilworth	5,370
Aberdeen	5,578
Spring Canyon	5,772
Mancos	6,318

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Thomas M. Erwin, P.E. TITLE Southern Rky Mtn Operations Manager

SIGNATURE Thomas M. Erwin DATE 10/24/2002

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* Item 20: Show the number of completions if production is measured separately from two or more formations.

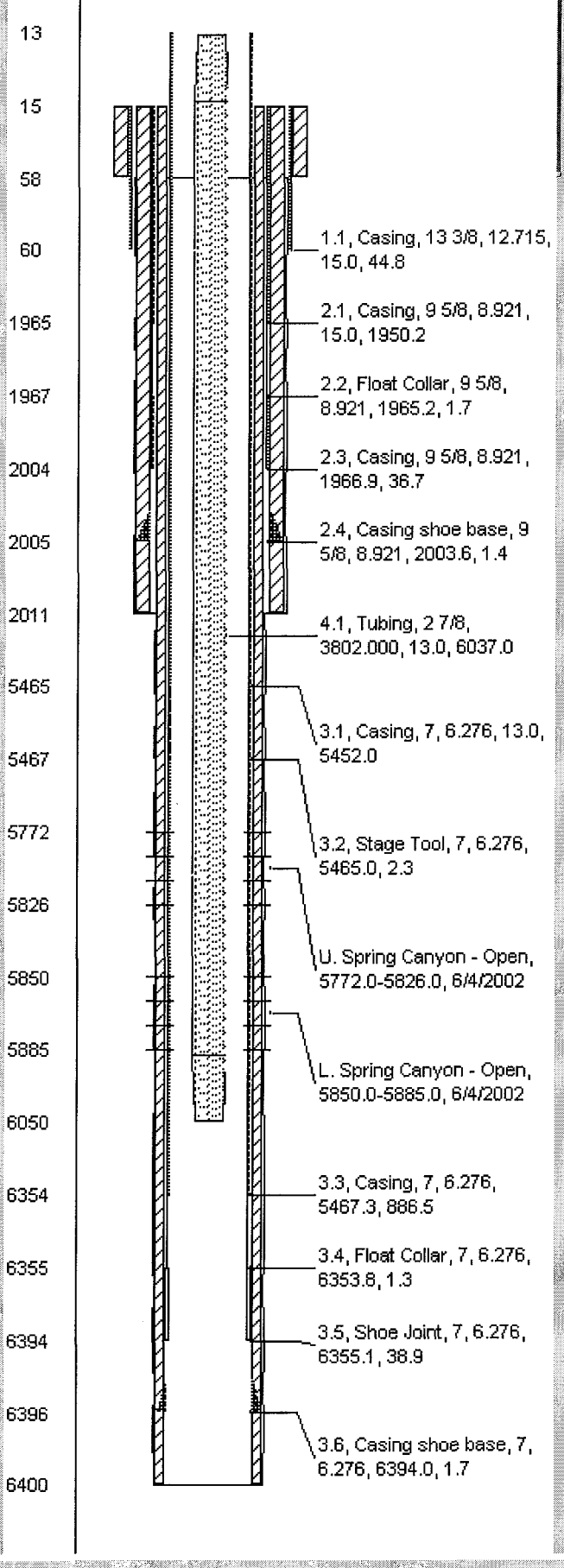
** Item 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Huber State 1-35 WDW: 10/24/2002 (KB-Grd: 15.0ft)



WellName	WellUserID
Huber State 1-35 WDW	9189

APICode	County
43-013-32308	Duchesne, UT

Sec	Twn	Rge	Qtr1	Qtr2	Qtr3	XLoc	YLoc	Latitude	Longitud
35	11S	10E	SW	SW					

1135	Feet Fro	W	Line	540	Feet Fro	S	Line

Engineer	Technician	Pumper
Gary Johnson		Oman, Rick

SpudDate	Comp Date	KB Height	TD Drill Dep	TD Log Dept	TVD
4/12/2002	6/13/2002	7265	6400	6400	6400

Casing

Date In	Casing Type	Hole Dia	Size	Wt	Grade	Depth	Jts	Ft
4/13/2002	. Conducto	17.500	17.500	55	H-40	60	1	45
4/15/2002	2. Surface	12.250	9.625	36	K-55	2005	47	1987
5/16/2002	. Productioi	8.750	8.625	26	N-80	6396	153	6339

Tubing

Date In	Size	Wt	Grade	Cou OD	ID	Depth	Avg Jt	Intake
6/5/2002	2.875	6.5	J-55	0	0.000	6050	31.94	0

Sucker Rods

Formations

Perforations

Upper	Lower	Formation	Date	Status	Gun Sz	Shot/Ft	Phasg
5772	5826	Spring Cany	6/4/2002	Open	4"	4	90
5850	5885	Spring Cany	6/4/2002	Open	4"	4	90

Underreams

UIC FORM 1

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL

Name of Operator	Utah Account Number	Well Name and Number
J. M. Huber Corporatiom	N 2380	State 1-35 WDW
Address of Operator: 1050 17th Street, #700 CITY Denver STATE CO ZIP 80265	Phone Number: (303) 825-7900	API Number: 4301332308
Location of Well: Footage: 540'FSL, 1135' FWL; County: Duchesne; QQ, Section, Township, Range: SWSW 35 116 10E; State: UTAH		Field or Unit Name: Castlegate; Lease Designation and Number: ML-48822

Is this application for expansion of an existing project?	Yes ☐	No ☑
Will the proposed well be used for: Enhanced Recovery?	Yes ☐	No ☐
Disposal?	Yes ☑	No ☐
Storage?	Yes ☐	No ☐
Is this application for a new well to be drilled?	Yes ☐	No ☑
If this application is for an existing well, has a casing test been performed? Date of test: 6/4/2002	Yes ☑	No ☐

Proposed injection interval: from 5,772 to 5,885

Proposed maximum injection: rate 10,000 bpd pressure 1,250 psig

Proposed injection zone contains oil ☐, gas ☐, and / or fresh water ☐ within ½ mile of the well.

List of attachments: Logs, Mechanical Stress Analysis were submitted 6/19/02

ATTACH ADDITIONAL INFORMATION AS REQUIRED BY CURRENT UTAH OIL AND GAS CONSERVATION GENERAL RULES

I hereby certify that this report is true and complete to the best of my knowledge.

Name (Please Print) Thomas M. Erwin, P.E. Title Southern Rky Mtn Operations Manager

Signature Thomas M. Erwin Date 10/24/2002

(5/2002)

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-295.1

Operator: J. M. Huber Corporation

Wells: Huber State #1-35 WDW

Location: Section 35, Township 11 South, Range 10 East, County: Duchesne

API No.: 43-013-32308

Well Type: Disposal

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on 11 September 2002
2. Maximum Allowable Injection Pressure: 1,250 psig
3. Maximum Allowable Injection Rate: 10,000 BPD
4. Injection Interval: 5,772 feet to 5,885 feet (Spring Canyon Sandstone)

Approved by: John R. Baza
Associate Director

10/25/02
Date

KMH:er

Cc: Dan Jackson, Environmental Protection Agency
School and Institutional Trust Lands Administration
Bureau of Land Management, Vernal Field Office
Duchesne County Commission

Utah!
Where ideas connect

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
STATEMENT OF BASIS

Applicant: J.M. Huber Corporation **Well:** Huber State 1-35 WDW

Location: Sec. 35, T11S, R10E Duchesne County **API:** 43-007-32308

Ownership Issues:

J.M. Huber Corporation is the Mineral owner of the lease where this well is located. The company has notified all of the surface and mineral owners within a one half-mile radius of this well that it is being applied for. The well has been published in the Sun Advocate, the Salt Lake Tribune, and the Uintah Basin Standard. There were no objections or comments received concerning this well.

Well Integrity:

Description of the Casings and Cement:

CASING PROGRAM

String Type	Hole Size	Depth	Feet	Casing Diameter	Weight	Grade	Connection Type
Conductor	17 1/2"	43	43	13 3/8'	42#		
Surface	12 1/4"	2006'	1996'	9 5/8"	36#	K-55	ST&C
Intermediate							
Production	8 3/4"	6398'	6398'	7"	26#	N-80	LT&C

CEMENT PROGRAM

String Type	DV Depth	Stage Lead/Tail	Cement Bottom	Cement Top	Number Sacks	Cement Type	Cement Yield	Cement Weight
Surface			2006'	Surface	1070	G 2% CaCl	1.20	15.6
Intermediate								
Production	5465'	2nd Stage	5465'	3794'	750 100	65/35 POZ G	1.84 1.18	12.70 15.6
	6398'	1st Stage	5465'	5465'	200	G	1.43	14.5

Ground Water Protection:

The geology for this location would indicate that one or more near surface sand members of the North Horn formation have aquifer qualities high enough to be

considered as potable water. There is one known water well that produces from a depth of ~385'. No water was encountered in any of these near surface sands while drilling. The surface casing was set to 1,996 feet and cement was circulated back to surface. The production casing was set to 6,398 feet and cement was circulated to 3,794'.

There is one known Underground Supply of Drinking Water in this area, however the probability that there will be any contamination of water supplies is negligible, as the well is over a mile away and the surface casing cement in the injection well covers this zone. The surface casing and cementing program is adequate insurance against the migration of water from the injection zone to the surface. The casing, cement program and confining beds above the injection zone should provide a suitable barrier for the containment of injected water.

The Spring Canyon Sandstone formation water at the subject well was tested at 11,017 mg/l TDS by BJ Unichem Services of Roosevelt, Utah. Samples were taken 5 August 2002. The Spring Canyon Sandstone is a regional aquifer in the Book Cliffs and Wasatch Plateau (Weiss & Others 1990). It is the Upper two sands of the Star Point Sandstone, that is made up of the Spring Canyon and Panther Sandstone, all of which intertongue with the Mancos Shale. The three separate units of the Spring Canyon and Panther Sands coalesce into one body to the west and south, and thin to the east finally pinching out as individual units. The Spring Canyon extends farthest east terminating just west of the Sunny Side area.

The proposed operation is expected to have little effect on the overall hydrology of the aquifer because of its great extent compared to the volume of fluid that will likely be injected. There are no known water calculations for this aquifer, however the aerial extent of these sands suggest the overall effect of injecting fluids would be minimal. Injection at a rate of 10,000 barrels per day for 10 years would result in approximately 4,700 acre-feet of water being injected. As stated by the operator on the application, the maximum injection rate proposed 10,000 BPD at a maximum of 1,250 psig

The step rate test for this well was run 19-September-2002, and was conducted in a manner acceptable to the information required for said test. The Spring Canyon Sandstone has a 0.73 - 0.84 psi/ft Horizontal Stress Gradient as indicated on the Mechanical Properties Log. Using the 0.73 psi/ft gradient the expected surface pressure would be 1701 psig assuming that no friction pressure. The zone above the injection interval has a 0.82 - 0.94 psi/ft Horizontal Stress Gradient, which indicate the injection zone will potentially part before the upper confining layer.

In order to assure that the injection fluids remain in the zone intended, the operator has proposed to limit injection pressure to 1,250 psig or 0.65 psi/ft, this being well below the 0.73 lower parting pressure limit. The injection string will also be changed out to 3-1/2" 9.3# J-55 internally plastic coated pipe which will reduce the friction gradient in the tubulars.

An independent analysis of the Step Rate Test was performed by Sproule and Associates concluded that the Test failed to achieve injection rates sufficient to part, or fracture the formation. It was also determined that in the injection zone parting pressures may have been lower than those calculated from the Mechanical Stress Log. The Operator has therefore suggested that the well be Temperature Logged and another Tracer Survey be run after 6 months of operation.

Oil/Gas & Other Mineral Resources Protection:

The hydrocarbon and mineral resources of this location consist of the mineral coal that contains methane gas and water. These resources lie at such a depth that current technology will not allow the mining of the coal due to the excessive amount of overburden that would need to be propped up, or removed to extract the coal. The methane cannot be developed without the ability to dispose of the water that is entrained in the Blackhawk coal and the associated Sands. There is no known hydrocarbon potential in the Spring Canyon Sands and the development of this well as a disposal well is of utmost importance to the future development of the field.

The coal and methane resource are protected by the casing and cement, placed such that the casing and cement cover the entire productive zone of the Blackhawk Coal and Sand. No other known potentially producible mineral or hydrocarbon zones were encountered during the drilling of the well. The injection zone is isolated nearly 700' below the productive interval of the Blackhawk Formation.

Bonding:

J.M. Huber Corporation has an $80,000 Surety Bond, held by SITLA that provides coverage for this well.

Actions Taken and Further Approvals Needed:

It is noted that the integrity of the cement bond above the injection zone is suspect as there is only 28 feet of 90% or better continuous bond. To assure that

the injected fluids were staying in zone a Radioactive Tracer Survey was run in the well to confirm that the injected fluids were not invading the casing or the confining layers. Log analysis of this procedure confirm that the fluids stayed in zone.

Notice of this application was published in the Salt Lake Tribune and The (Price, UT) Sun Advocate and the Uintah Basin Standard. In addition, copies of the notice were provided to the EPA, BLM (Moab, UT), and School & Institutional Trust Lands Administration. The notice was published the weeks of August 5th &13th of 2002.

It is noted that by changing out the tubing string for 3-1/2" rather than 2-7/8" tubing the well will have to be tested again for Mechanical Integrity. The test will be witnessed by Division Personnel, and/or appropriate charts will be submitted to the Division prior to the final approval for injection.

Reviewer(s): K. Michael Hebertson Date: 22 - October - 2002

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: Huber State 1-35 WDW API Number: 43-013-32308

Qtr/Qtr: SW/SW Section: 35 Township: 11S Range: 10E

Company Name: J M Huber Corporation

Lease: State X Fee ____ Federal ____ Indian ____

Inspector: Dennis L Ingram Date: 11-26-02

Initial Conditions:

Tubing - Rate: ____ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1440	0
5	1440	0
10	1440	0
15	1445	0
20	1445	0
25	1445	0
30	1445	0

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: ____ psi

COMMENTS: Tested @ 6:00pm After Replacing 2 7/8" tubing w/ 3 1/2". Pressure up w/ Pump truck.

Operator Representative

INSPECTION FORM 6

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: Huber State 1-35 WDW API Number: 43-013-32308

Qtr/Qtr: SW/SW Section: 35 Township: 11S Range: 10E

Company Name: J M Huber Corporation

Lease: State X Fee ____ Federal ____ Indian ____

Inspector: Dennis L Ingram Date: 11-26-02

Initial Conditions:

Tubing - Rate: ____ Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	1440	0
5	1440	0
10	1440	0
15	1445	0
20	1445	0
25	1445	0
30	1445	0

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: ____ psi

COMMENTS: Tested @ 6:00pm After Replacing 2 7/8" tubing w/ 3 1/2". Pressure UP w/ Pump truck.

Operator Representative

RECEIVED

DEC 2 2002

DIV. OF OIL, GAS & MINING

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom -hole, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PEMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

6. IF INDIAN,ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL [ ] GAS WELL [ ] OTHER Water Disposal

8. WELL NAME and NUMBER: Huber State 1-35 WDW

2. NAME OF OPERATOR: J.M. Huber Corporation

9. API NUMBER: 43-013-32308

3. ADDRESS OF OPERATOR: 1050 17th St., Suite 700, Denver, CO 80265 PHONE NUMBER: 303-825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP,RANGE, MERIDIAN: SWSW Sec 35-T11S-R10E SL STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPEERFORATE CURRENT FORMATION
	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAAIR WELL
Approximate date work will start	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPARI
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLARE
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[X] WATER DISPOSAL
	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/RESUME)	[ ] WAER SHUT-OFF
Date of work completion:	[ ] COMMNGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER
	[ ] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depth, volumes, etc.

Water disposal into this well commenced at 10:00 am on December 6, 2002.
Initial rate is approximately 3000 BWPD at 300 psig.

RECEIVED

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Gary J. Johnson TITLE Consulting Petroleum Engineer

SIGNATURE Gary J. Johnson DATE December 6, 2002

(This space for State use only)

43 013 32308 HUBER STATE 1-35

There were logs included in the file. They were noted to be Exhibits, and have been removed and placed with the other logs. Logs removed are:

EXHIBIT #

2.2.1 Dipole Sonic Imager/ Sonic Porosity/ Gamma Ray, Run 05/15/2002 (Duplicate)
2.2.1 Array Induction with Linear Correlation/ Gamma Ray, Run 05/15/2002 (Duplicate)
2.2.1 #3 Compensated Neutron/ Triple Lithodensity/ Gamma Ray, Run 05/15/2002 (Duplicate)
2.2.2 Cement Bond Log, Run 05/31/2002
2.2.1 Mechanical Stress & Full Waveform VDL, 5" presentation, Run 05/15/2002
2.9.1 Formation Evaluation Summary, Run 05/15/2002
2.10.3 Digital Hydrocarbon Well Log, Run 04/29/02-05/15/02
TDS (from Rwa) and Gamma Ray vs Depth, no date
2.10.2 Cross Section, June 2002

February 8, 2006
VLDyson

PLEASE LEAVE
ALL OF THESE
IN THIS SPOT.
THANKS

HUBER

A FAMILY OF SOLUTIONS

ENERGY

J.M. Huber Corporation

1050 17th St., Ste. 700
Denver, CO 80265

phone: (303) 825-7900
fax: (303) 825-8300
e-mail: dv_cpjaw@huber.cc
www.huber.com

December 10, 2002

Utah Division of Oil, Gas and Mining
Carol Daniels
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114

RE: Form 9, Sundry Notice – Huber-State 1-35 WDW
SWSW Sec 35-T11S-R10E
API # 43-013-32308

Dear Carol,

Enclosed you will find the Form 9 for the above mentioned well, water disposal commenced at 10:00 am on December 6, 2002.

If you have any other questions or concerns please do not hesitate to call me at 303-825-7900.

Respectfully yours,

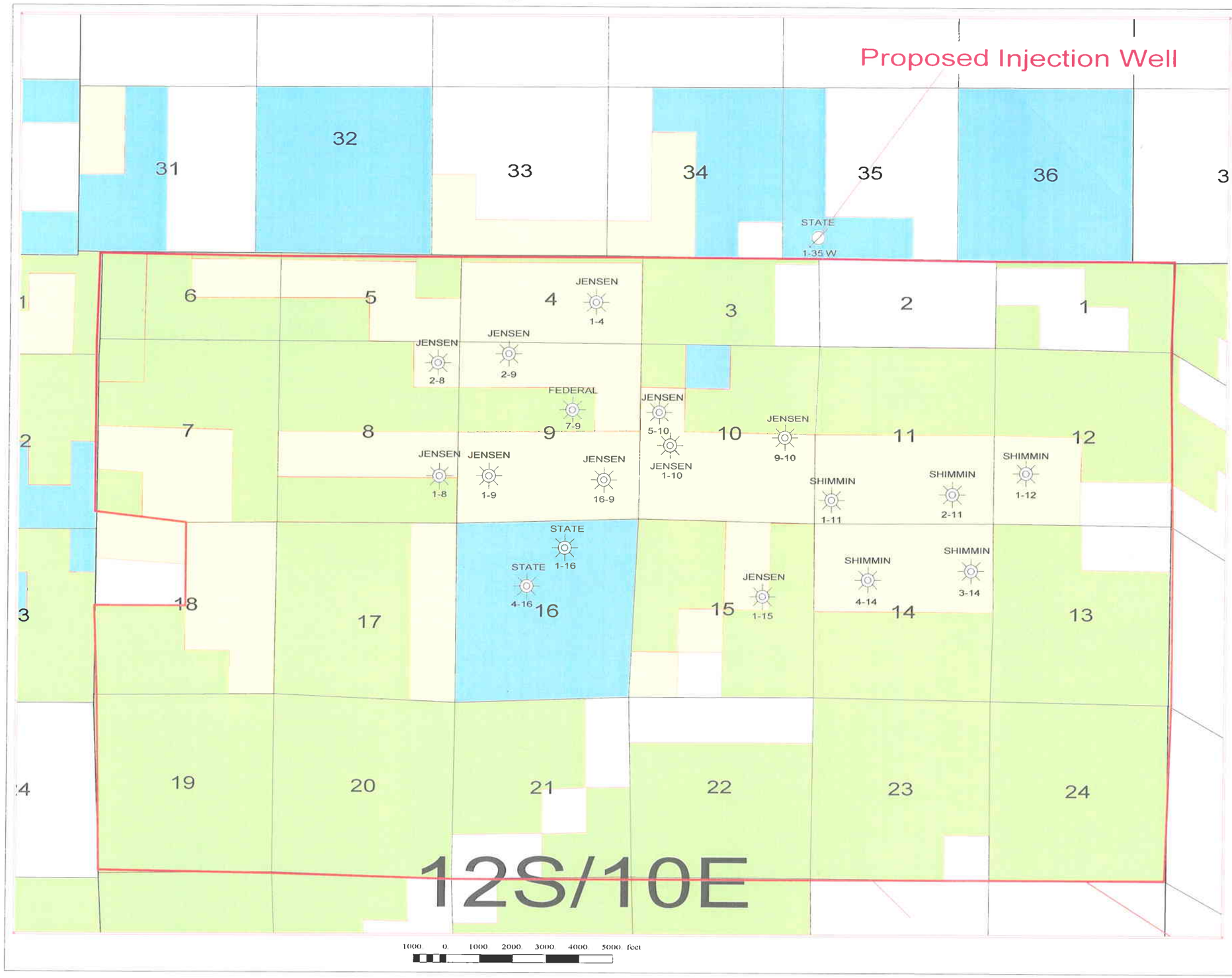
Judith A. Walter

Judith A. Walter
Regulatory Compliance – Contract Agent

Cc: J.M. Huber Field Office – Larry Sessions, 212 East 100 North, PO Box 551, Price, UT 84501
Patina Oil & Gas Corp., 1625 Broadway, Suite 2000, Denver, CO 80202
Correspondence
Well File – 3 (Tom Erwin, Gary Johnson, WF)

RECEIVED

DIV. OF OIL, GAS & MINING



RECEIVED
JUL 23 2002
DIVISION OF
OIL, GAS AND MINING

LEGEND

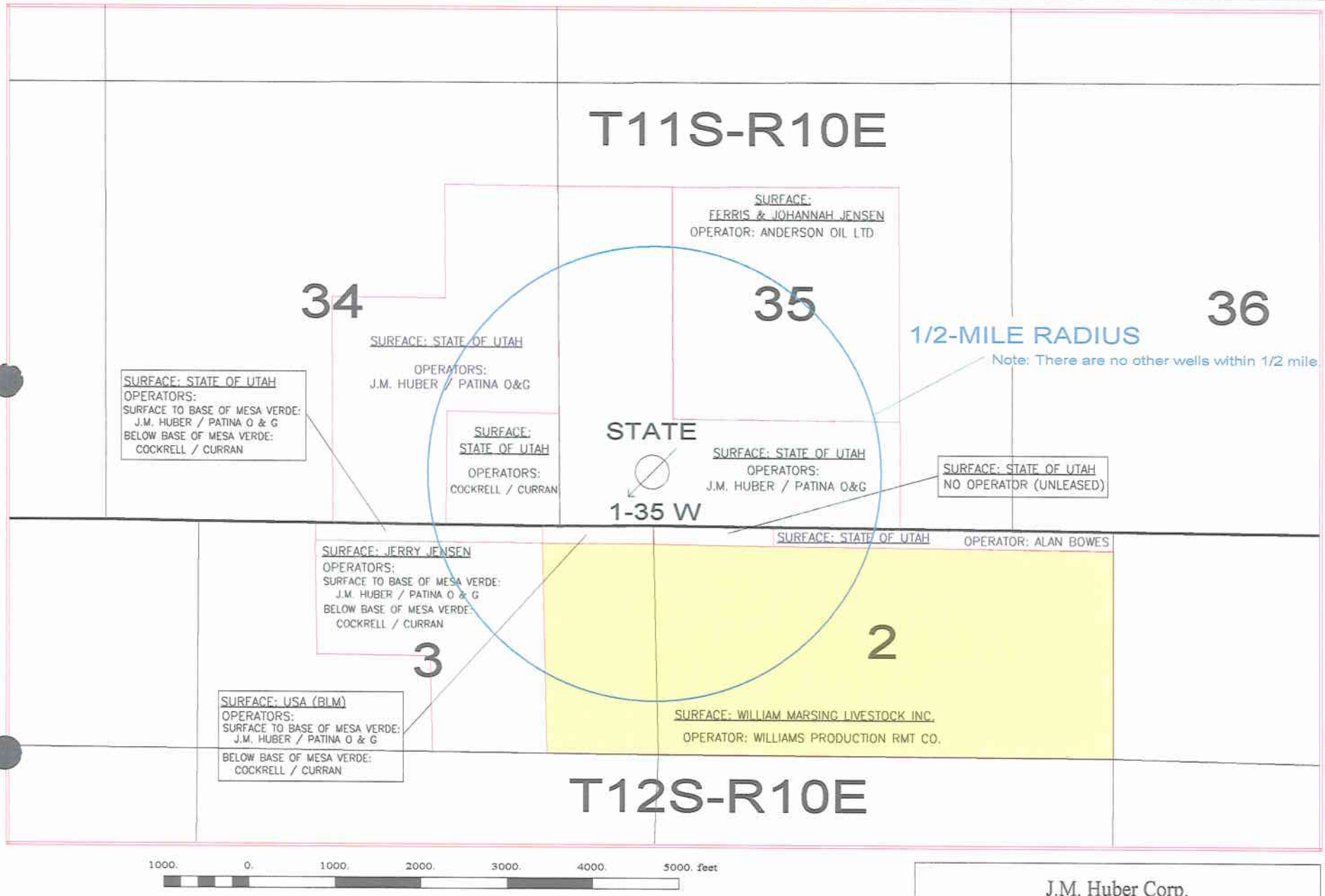
- Producing Gas
- Injection Well
- State Leases
- Federal Leases
- Fee Leases

J.M. Huber Corp.

Castlegate Project
Uinta Basin
Carbon, Utah & Duchesne Counties, Utah

TLK		7/19/2002
exb-lrg.gpf	Scale 1:36272.62	UTM Zone 12

EXHIBIT 1



LEGEND

- Producing Gas
- Injection Well
- State Leases
- Federal Leases
- Fee Leases

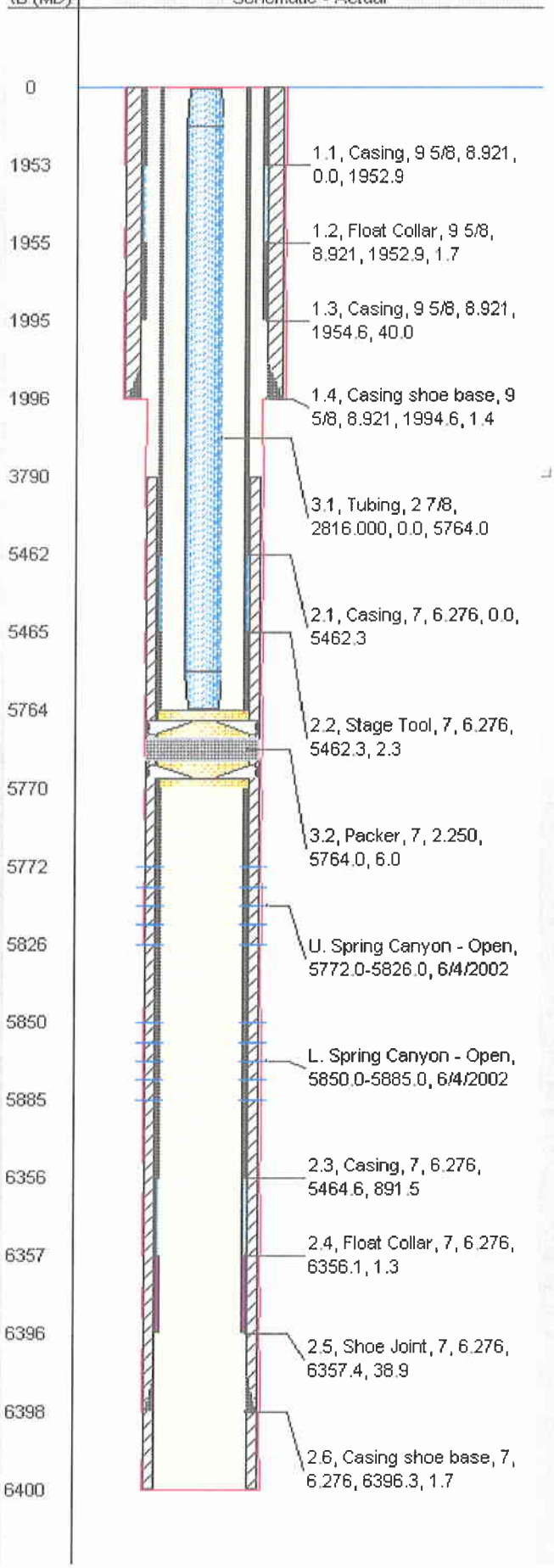
EXHIBIT 2 and EXHIBIT 2.1.1

J.M. Huber Corp.

State #1-35 Proposed Injection Well
Surface Owners & Operators
Duchesne County, Utah

TLK		7/19/2002
exb-sml.gpf	Scale 1:18870.62	UTM Zone 12

Huber State 1-35 WDW: 6/20/2002 ([illegible]rd: -7250.0ft)



WellName	WellUserID
Huber State 1-35 WDW	9189

APICode	County
43-013-32308	Duchesne, UT

Sec	Twn	Rge	Qtr1	Qtr2	Qtr3	XLoc	YLoc	Latitude	Longitude
35	11S	10E	SW	SW					

1135	Feet From	W	Line	540	Feet From	S	Line

Engineer	Technician	Pumper
Gary Johnson		Oman, Rick

SpudDate	Comp Date	KB Height	TD Drill Dept	TD Log Dept	TVD
4/12/2002	6/13/2002	0	6400	6400	0

Casing

Date In	Casing Type	Hole Dia	Size	Wt	Grade	Depth	Jts	Ft
4/15/2002	2. Surface	12.250	9.625	36	K-55	1996	47	1993
5/16/2002	1. Productior	8.750	7.000	26	N-80	6398	152	6354

Tubing

Date In	Size	Wt	Grade	Cou OD	ID	Depth	Avg Jt	Intake
6/4/2002	2.875	6.5	J-55	3.668	2.441	5770	32.02	0

Sucker Rods

Formations

Formation	Tops Ref Well	Tops Cur Well	Tops Subsea	Tops Elec	Thick	Porosity	Perm
L. Spring Canyon	0	5850	0	5850	35	12	0
U. Spring Canyon	0	5772	0	5772	54	12	0

Perforations

Upper	Lower	Formation	Date	Status	Gun Sz	Shot/Ft	Phasg
5772	5826	Spring Canyo	6/4/2002	Open	4"	4	90
5850	5885	Spring Canyo	6/4/2002	Open	4"	4	90

Underreams

EXHIBIT 2.5.1

EXHIBIT 4 and EXHIBIT 2.7.1

Water Analysis Data

Revised: 19-July-02

Name	Date	TDS	Na	Ca	Mg	Ba	Sr	K	Cl	SO4	HCO3	CO3	Fe	Mn	Cu	Zn	Si	pH	SP Gr	NTU	Lab
Fed 7-9	11-Jan-02	10,356	3100	80	24	0	0	80	2500	0	4636		16	0.2				7.6	1.008		Unichem
Fed 7-9	3-Oct-00	8,696		880	316				4250	0	1525	0	25	2.8				6.5	1.007		Unichem
Fed 7-9	28-Aug-95	8,092																			
Fed 7-9																					
Fed 7-9	18-Apr-95	7,144	2384	74	31	57	3	40	2032	2	2195	330	4.5	0.1	1.3	3.3	4.4	8.4	1.008	16	Nalco
Fed 7-9	5-Apr-95	7,357	2206						1850		3090							7.4			No Rpt
Fed 7-9	8-Dec-94	6,961	2076	90	36.6	13.1			1700	55	2989	0	1.6					7.5			Exxon
Fed 7-9	4-Jan-94	6,427	1904	92	37	12.4			1594	40	2745		2.5					7.5	1.005		
Fed 7-9	10-Jun-93		2500						740		2547							9			No Rpt
Fed 4-13	18-Apr-95	8,903	2749	49	16	32	2	44	1007	28	4657	318	1.3	0.1	0.4	0.1	2.5	8.4	1.013	6.3	Naclo
Fed 4-13	8-Dec-94	12,372	3922	80	12.2	45			3400	29	4880	0	3.4					7.4			Exxon
Fed 4-13	18-Mar-94	13,075	4036	72	126.9	25			3700	25	5020	54	0.1					7.4	1.0095		
Fed 14-13	8-Dec-94	5,598	1565	80	12.2	7.2			800	11.6	3111	0	10.6					7.6			Exxon
Fed 14-13	4-Jan-94	5,066	1383	68	10	6.4			526	12	3050		10.9					7.6	1.0037		
Fed 14-14	18-Apr-95	4,913	1494	46	10	12	1	26	408	2	2670	246	1.7	0.1	0.2	0.1	7.6	8.5	1.001	5.1	Naclo
Fed 14-14	8-Dec-94	5,967	1707	60	12.2	8.1			900	92	3172	0	15.6					7.6			Exxon
Fed 14-14	4-Jan-94	5,445	1510	64	10	7.4			644	80	3111		18.8					7.6	1.0039		
Fed 16-14	18-Apr-95	5,407	1521	47	9	12	1	30	540	2	3085	162	3.1	0.1	0.1	0.1	11	8.2	1.005	16	Nalco
Fed 16-14	4-Jan-94	5,031	1621	56	10	7.8			752	25	1891	660	8.4					7.8	1.0036		
Fed 4-15	18-Apr-95	8,569	2732	100	27	26	2	51	1874	82	3511	162	10	0.2	1.5	0.5	7	8	1.01	55	Nalco
Fed 4-15	8-Dec-94	8,795	2668	100	24.4	5.8			2100	50	3843	0	3.5					7.6			Exxon
Fed 4-15	4-Jan-94	8,446	2558	100	17	4			1982		3782		2.9					7.6	1.0061		
Fed 16-15	18-Apr-95	5,338	1623	51	14	9	1	20	594	2	2829	198	1.7	0.1	0.1	0.1	12	8.4	1.006	15	Nalco
Fed 16-15	8-Dec-94	8,164	2541	100	24.4	36			2300	50	3050	60	2.3					7.3			Exxon
Fed 16-15	18-Mar-94	10,074	3245	60	134	15			3800	25	2702	78	0.6					7.1	1.0073		
Jen 1-9	1-Dec-00	12,105		120	29				3540	0	4575	0	19	0.3				7.3	1.012		Unichem
Jen 1-9	24-Sep-00	14,412		400	0				5310	0	4148	0	7	0.2				7.5	1.014		Unichem
Jen 16-9	1-Dec-00	7,923		48	10				1060	0	4482	0	3.7	0.2				7.6	1.008		Unichem
Jen 16-9	1-Oct-00	9,494		200	0.6				1700	0	4880	0	95	0				7.8	1.024		Unichem
Jen 16-9	21-Aug-00	6,190		62.5		27.1							45								
Jen 16-9	27-Jul-00	8,344		160	0				1400	0	4392	0	56	0				8.1	1.008		Unichem
Jen 16-9	20-Jun-00	6,410	2240	89.2	18.9			57.7	1230	0	3640	0	21.3					7.2	1.005		Acculabs
Jen 16-9	18-Apr-95	8,188	2585	57	17	38	2	58	1249	2	3804	378	2.2	0.1	0.2	0.1	11	8.4	1.003	16	Nalco

Name	Date	TDS	Na	Ca	Mg	Ba	Sr	K	Cl	SO4	HCO3	CO3	Fe	Mn	Cu	Zn	Si	pH	SP Gr	NTU	Lab
Jen 16-9	8-Dec-94	8,043	2439	80	24.2	11.6			1400	61	3660	360	7.3					7.8			Exxon
Jen 16-9	4-Jan-94	7,779	2345	80	22	9.7			1300	50	3599	360	13.3					8	1.0056		
Jen 1-10	11-Jan-02	9,713	2841	64	58	6	1	95	2100	0	4636	0	6.5	0.1				7.8	1.007		Unichem
Jen 1-10	1-Dec-00	7,918		120	0				1400	0	4075	0	4	0.1				7.5	1.007		Unichem
Jen 1-10	21-Aug-00	6,880		75.1		25.7							24.5								Acculabs
Jen 1-10	28-Jul-00	11,495		64	19				2500	0	5370	0	43	0.2				8.5	1.011		Unichem
Jen 1-10	24-Jun-00	6,240	1980	97	20.9			53.4	1560	0	3200	0	20.2					7.67	1.003		Acculabs
Jen 1-10	24-Apr-00	10,780	3018	232	190				3200	108	4026	0	6					6.92	1.01		Champion
Jen 5-10	11-Jan-02	9,260	2576	80	49	0	0	75	1060	0	5490	0	4.8	0.2				7.4	1.007		Unichem
Jen 5-10	21-Aug-00	5,190		73.9		27.6							32.5								
Jen 5-10	24-Jun-00	4,170	1580	82.3	16.5			36.4	500	0	3200	0	28.9					7.49	1.002		Acculabs
Jen 5-10	18-Apr-95	6,929	2096	64	15	34	2	36	855	2	3694	132	9.4	0.1	2.5	1.2	5.4	8.3	1.008	94	Nalco
Jen 5-10	8-Dec-94	5,165	1456	80	18.3	12.6			850	60	2684	0	4.4					7.4			Exxon
Jen 5-10	18-Mar-94	9,118	2788	36	173	30			2900		2989	186	1.4					7.3	1.0066		
Jen 5-10	4-Jan-94	4,746	1310	84	17	10.2			717	40	2562		5.5					7.3	1.0034		
Jen 9-10	29-Jan-02	10,564	3174	120	0	0	1	78	2100	0	5124		45	0.3			0	7.6	1.008		Unichem
Jen 9-10	11-Jan-02	14,115	4050	88	44	0	1	90	2100	0	7808	0	24	0.3	0	0	0	7.5	1.01		Unichem
Jen 9-10	18-Apr-95	10,192	3179	85	23	18	3	94	2396	2	4340	54	4.4	0.1	0.1	0.1	6.7	8	1.004	53	Nalco
Jen 9-10	8-Dec-94	8,261	2607	80	24.4	10.8			1800	75	3172	480	13.6					7.4			Exxon
Jen 9-10	4-Jan-94	8,013	2474	68	12	9.4			1666	50	3477	240	16					7.8	1.0058		
Jen 11-10	18-Apr-95	8,859	3295	48	23	49	2	88	5034	2	158	162	31	0.2	0.3	0.4	7.4	8.3	1.005	160	Nalco
Jen 11-10	8-Feb-94	10,317	3186	120	12.2	10.6			2700	67	4209	0	12.7					7.5			Exxon
Jen 11-10	4-Jan-94	8,091	2552	56	7	8.2			1793	70	3355	240	8.9					7.9	1.0059		
Jen 16-10	18-Apr-95	12,642	3826	87	35	14	4	69	4203	209	3950	246	13	0.1	0.1	0.1	14	8.1	1.008	42	Nalco
Jen 16-10	8-Dec-94	7,297	2147	80	24.4	7.8			1500	50	3477	0	10.4					7.6			Exxon
Jen 16-10	4-Jan-94	7,194	2139	60	24	8.2			1483	50	3416		13.2					7.7	1.0052		
Jen 7-15	18-Apr-95	4,751	1385	38	10	19	1	26	196	2	2926	150	34	0.2	0.1	0.1	1.7	8.2	1.007	370	Nalco
Jen 7-15	8-Dec-94	9,103	2850	120	49.6	12			2700	200	3050	120	1.8					7.3			Exxon
Jen 7-15	18-Mar-94	14,921	5121	28	129.3	10			6100	300	3044	174	0.2					7.2	1.0109		
Jen 11-15	8-Dec-94	6,878	2002	60	18.3	6.5			1200	50	3538	0	3.2					7.5			Exxon
Jen 11-15	4-Jan-94	6,571	1929	56	17	6.2			1147	55	3355		5.3					7.5	1.0048		
Shim 1	18-Apr-95	10,622	3282	110	32	22	2	66	1962	144	4840	162	11	0.1	0.2	0.1	4.6	7.9	1.011	90	Nalco
Shim 1	8-Dec-94		4009	140	36.6	6.4			3000	610	5368	0	15.3								Exxon
Shim 1	4-Jan-94	13,290	4075	116	41	5.6			3052	680	5307		13.1					7.4	1.0097		
Shim 2	18-Apr-95	7,954	2482	54	15	19	2	39	894	165	3889	396	3.5	0.1	0.2	0.1		8.2	1.001	16	Nalco
Shim 2	8-Dec-94	8,705	2531	90	24.4	5.3			1400	260	4392	0	2.6					7.4			Exxon

Name	Date	TDS	Na	Ca	Mg	Ba	Sr	K	Cl	SO4	HCO3	CO3	Fe	Mn	Cu	Zn	Si	pH	SP Gr	NTU	Lab
Shim 2	4-Jan-94	8,072	2361	80	10	4.8			1246	220	4148		2.5					7.4	1.0059		
Shim 3	18-Apr-95	5,641	1724	61	22	14	2	22	522	184	2780	312	7	0.1	1	1.4	5.5	8.4	1.004	18	Nalco
Shim 3	8-Dec-94	8,722	2531	120	18.3	6			1500	390	4148	0	8.4					7.4			Exxon
Shim 3	4-Jan-94	8,388	2441	112	17	4.6			1398	500	3904		11.3					7.3	1.0061		
Shim 4	18-Apr-94	10,722	3517	72	30	20	2	82	2123	173	4182	522	8.3	0.1	0.9	0.4	3.4	8.4	1.01	40	Nalco
Shim 4	8-Dec-94	9,780	2967	100	24.4	6.8			2300	100	4270	0	12.9					7.4			Exxon
Shim 4	4-Jan-94	9,335	2826	100	15	4.7			2144	80	4148		16.6					7.4	1.0068		
Shim 5	18-Apr-95	8,520	2618	32	14	14	1	46	788	60	4718	228	1.2	0.1	0.6	0.2	1.5	8.2	1.009	7.4	Nalco
Shim 5	8-Dec-94	9,294	2746	80	24.4	5.9			1700	95	4636	0	7.4					7.5			Exxon
Shim 5	4-Jan-94	9,452	2767	80	20	4.7			1548	85	4941		6.8					7.6	1.0069		
Shim 1-11	1-Dec-00	9,485		72	17				1700	0	4890	0	5.7	0.1				7.8	1.009		Unichem
Shim 1-11	25-Sep-00	9,339		104	58				1700	0	4940	0	4.4	0.2				7.8	1.009		Unichem
Shim 1-11	24-Sep-00	11,215		280	49				3540	0	3965	0	21	0.1				7.6	1.01		Unichem
Shim 10-11	4-Jan-94	8,091	2553	56	7	8.2			1793	70	3355	240	8.9					7.9	1.0059		
Shim 11-11	18-Apr-95	11,149	3312	93	37	16	4	77	3184	99	4328	1	10	0.1	0.3	0.6	7.8	7.9	1.005	29	Nalco
Shim 11-11	8-Dec-94	8,364	2486	80	12.2	9.8			1600	80	4087	0	8.6					7.5			Exxon
Shim 11-11	4-Jan-94	7,887	2319	76	15	7.6			1428	65	3965		10.9					7.6	1.0057		
Shim 1-12	15-Jan-02	17,836	5732	120	24	0	0	110	5700	100	6100		60	0.2			0	8.5	1.013		Unichem
Shim 1-12	30-Mar-01	14,013	5350	86	46			140	5079	790	5168										CTS
Shim 1-12	1-Dec-00	15,992		160	10				5300	375	4880	0	1.6	0				7.8	1.015		Unichem
Shim 1-12	1-Dec-00	16,845		160	0				5300	375	5490	0	1.3	0				7.8	1.014		Unichem
Shim 1-12	8-Oct-00	17,265		240	24				5000	750	5800	0	7	0				7.6	1.015		Unichem
Shim 1-12	20-Sep-00	11,684		240	0				3540	0	4270	0	7.2	0				7.3	1.01		Unichem
Shim 1-12	20-Sep-00	14,942		440	24				7100	525	4392	0	20	0.2				7.4	1.014		Unichem
Shim 12-12	18-Apr-95	14,933	4516	65	29	38	3	88	4312	90	5791	1	16	0.2	0.3	0.2	7.6	8.1			Nalco
Shim 12-12	8-Dec-94	12,331	3789	100	36.6	48			3000	50	5246	60	1.7					7.4			Exxon
Shim 12-12	18-Mar-94	18,716	6139	100	134.2	40			6800	50	5386	54	0.5					7	1.0138		
Shim 14-12 (PR)	3-Apr-01	5,340	2040	21	8			35	2977	96	676	52									CTS
Shim 14-12 (PR)	2-Apr-01	6,256	2380	17	9			34	2413	76	625	32									CTS
Shim 14-12 (PR)	30-Mar-01	6,818	2600	25	10			44	3939	132	1173										CTS
Shim 14-12	18-Apr-95	12,720	3682	62	24	7	2	68	3136	131	5608	1	8.4	0.1	0.3	0.1	9.7	7.7	1.004	65	Nalco
Shim 14-12	8-Dec-94	12,335	3800	120	24.2	7.4			2900	420	5063	0	7.6					7.4			Exxon
Shim 14-12	4-Jan-94	14,334	4561	124	17	6.9			3989	440	5185		10.4					7.5	1.0105		
State 1-16	29-Jan-02	10,127	2944	80	0	0	0	82	1400	0	5612		90	0.5			0	7.8	1.008		Unichem
State 1-16	11-Jan-02	11,683	3335	56	36	0	0	94	1400	0	6830		25	1.1			0	7.5	1.009		Unichem

Name	Date	TDS	Na	Ca	Mg	Ba	Sr	K	Cl	SO4	HCO3	CO3	Fe	Mn	Cu	Zn	Si	pH	SP Gr	NTU	Lab
State 1-16	1-Dec-00	8,770		80	5				1400	0	4636	0	35					7.5	1.008		Unichem
State 1-16	1-Oct-00	10,346		120	0				1700	0	5490	0	54	0				7.7	1.01		Unichem
State 1-16	21-Aug-00	6,850		67.3		17.1							60								Acculabs
State 1-16	20-Jun-00	6,700	2490	78.6	18.3			103	1500	0	3880	0	9.6					7.29	1.005		Acculabs
State 1-16	7-Apr-00	11,341	3218	240	204				3600	108	3965	0	5					7.33	1.01		Champion
State 1-16	17-Dec-99	8,350	2640	94.7	32.4			509	2860	0	3700	0	15.6					7.37	1.007		Acculabs
State 2-16	18-Apr-95	11,338	3753	57	20	35	2	72	2341	2	4584	474	7.9	0.1	9.5	2.2		8.2	1.013	18	Nalco
State 2-16	8-Dec-94	12,175	3708	100	24.4	9.6			2700	78	5551	0	4.1					7.4			Exxon
State 2-16	4-Jan-94	12,438	3845	96	17	8.5			2958	65	5441		7.3					7.4	1.0091		
State 9-16	18-Apr-95	7,579	2700	125	30	18	2	70	4127	268	238	1	94	1.1	0.2	0.4	1	7.6	1.01	500	Nalco
State 9-16	4-Jan-94	6,520	2011	116	17	9.2			1982	175	2196		13.6					7.5	1.0047		
	Averages	9,286	2799	104	32	15	2	75.0	2319	108.4	3936	96	15	0.2	0.9	0.5	5.3	7.68	1.008		

Water Tank Inlet	28-Jul-00			160	0				1700		4575	0	30	0.7				7.7			Unichem
Prod Composite	17-Feb-97	8,239	2386	160	12	5	0		1480	50	4026	120	8.6					7.3	1		Nalco
Prod Composite	10-Jun-96	8,309	2490	80	36	15	0		1800	210	3678	0	3.8					7.8	1		Nalco
Summit Creek	8-Aug-00	1,115		60	32				177	250	366	0	1.1	0				7.5	1.001		Unichem
CPF Water Well	9-Jun-00	665	242	2.1	0.5			0.6	40	76	334	60	0.2					8.94	0.996		Acculab
CPF Water Well	9-Sep-93	1,123	168	60	12	9.6			300	48	488	0	37.5					7.5			Exxon
Shim Water Well	20-Sep-93	1,807	216	80	24.4	40			300	150	240	720	37.5					8			Exxon
RO Permeate	3-Jul-96	138	47	2	0	2	0		62	1	24	0	0.1					6	1		Nalco
RO Concentrate	3-Jul-96	24,855	7527	200	105	27	0		5232	850	10794	120	7.6					8.8	1		Nalco
Shim 10-11																					
Price River Swab	16-Jan-94	29,484	11555	28	14.6	16			17000	300	0	480	0.65					10.5			

Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report Celebrating 16 Years

July 11, 2002

Mr. Gary Johnson
JM Huber
212 E. 100 North
PO Box 551
Price, UT 84501
(303) 825-7900 Fax:

Project: State I-35 Work Order: 0207041

Dear Mr. Gary Johnson,

Thank you for using Mountain States Analytical, LLC (MSA) as your environmental information resource. Our reports are designed to meet the Certified Laboratory Reporting Requirements of Utah Administrative Code R444-14-12(10) and the National Environmental Laboratory Accreditation Program (NELAP), Section 5.13.

This is Report Number 0207041-1 and contains 24 pages of information for the 2 samples submitted to MSA on Wednesday, July 03, 2002. Any sample receipt documentation detailed in the Work Order Receipt Summary of this report (e.g., Chain-of-Custody, Work Order Authorization, etc.) and/or analytical results noted as "see attached " are included by reference as attachments following page 24. For regulatory compliance reporting, individual pages or portions of this report may not be separated.

If you have any questions regarding the information contained in this report, please feel free to contact me at (801)973-0050 ext. 3007 or by e-mail at medwards@msalabs.net.

Mountain States Analytical, LLC

Monica R Edwards

Monica Edwards
Project Manager

EXHIBIT 2.7.2

Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Sample Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

Lab Sample ID	Client Sample ID	Additional Sample Information	Matrix	Date Collected
0207041-01A	State I-35 (Sample 1)		Water	07/02/02
0207041-01B	State I-35 (Sample 1)		Water	07/02/02
0207041-01C	State I-35 (Sample 1)		Water	07/02/02
0207041-02A	State I-35 (Sample 2)		Water	07/03/02
0207041-02B	State I-35 (Sample 2)		Water	07/03/02
0207041-02C	State I-35 (Sample 2)		Water	07/03/02

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report Celebrating 10 Years

Holding Time Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

Sample ID	Client Sample ID						Date Collected	
0207041-01A	State I-35 (Sample 1)						07/02/02 16:00	
		Leachate						
Parameter		**Start Date**	**End Date**	**HT**	**Prep Date**	**HT**	**Analysis Date**	**HT**
Metals by ICP					07/08/02 18:01		07/09/02 08:52	180
0207041-01B	State I-35 (Sample 1)						07/02/02 16:00	
		Leachate						
Parameter		**Start Date**	**End Date**	**HT**	**Prep Date**	**HT**	**Analysis Date**	**HT**
Alkalinity as CaCO3							07/10/02 13:00	14
Anions by I. C. (Br, Cl, F, SO4)							07/03/02 16:04	28
Anions by I. C. (Br, Cl, F, SO4)							07/03/02 16:20	28
Anions by I. C. (Br, Cl, F, SO4)							07/03/02 16:36	28
Anions by I. C. (Br, Cl, F, SO4)							07/03/02 16:52	28
Anions by I. C. (Br, Cl, F, SO4)							07/08/02 10:12	28
Anions by I.C. (NO2, NO3, PO4)							07/03/02 16:20	2
Anions by I.C. (NO2, NO3, PO4)							07/03/02 16:36	2
Anions by I.C. (NO2, NO3, PO4)							07/03/02 16:52	2
Solids, Total Dissolved (TDS)							07/05/02 13:00	7
Specific Conductance							07/03/02 15:30	28
0207041-01C	State I-35 (Sample 1)						07/02/02 16:00	
		Leachate						
Parameter		**Start Date**	**End Date**	**HT**	**Prep Date**	**HT**	**Analysis Date**	**HT**
Oil & Grease (HEM)							07/10/02	28
0207041-02A	State I-35 (Sample 2)						07/03/02 10:00	
		Leachate						
Parameter		**Start Date**	**End Date**	**HT**	**Prep Date**	**HT**	**Analysis Date**	**HT**
Metals by ICP					07/08/02 18:01		07/09/02 09:08	180
0207041-02B	State I-35 (Sample 2)						07/03/02 10:00	
		Leachate						
Parameter		**Start Date**	**End Date**	**HT**	**Prep Date**	**HT**	**Analysis Date**	**HT**
Alkalinity as CaCO3							07/10/02 13:00	14
Anions by I. C. (Br, Cl, F, SO4)							07/03/02 17:24	28

* - The recommended holding time was exceeded

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report Celebrating 16 Years

Holding Time Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

Sample ID	Client Sample ID	Date Collected	
Anions by I. C. (Br, Cl, F, SO4)		07/03/02 17:40	28
Anions by I. C. (Br, Cl, F, SO4)		07/03/02 17:56	28
Anions by I. C. (Br, Cl, F, SO4)		07/08/02 11:17	28
Anions by I. C. (Br, Cl, F, SO4)		07/08/02 11:33	28
Anions by I. C. (Br, Cl, F, SO4)		07/03/02 17:08	28
Anions by I.C. (NO2, NO3, PO4)		07/03/02 17:24	2
Anions by I.C. (NO2, NO3, PO4)		07/03/02 17:40	2
Anions by I.C. (NO2, NO3, PO4)		07/03/02 17:56	2
Solids, Total Dissolved (TDS)		07/05/02 13:00	7
Specific Conductance		07/03/02 15:30	28

0207041-02C State I-35 (Sample 2) 07/03/02 10:00

Leachate

Parameter	Start Date	End Date	HT	Prep Date	HT	Analysis Date	HT
Oil & Grease (HEM)						07/10/02	28

* - The recommended holding time was exceeded

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-01A
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 1)
	(435) 613-9490	**Date Collected:**	07/02/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
SW-846 3005A: Flame/ICP Prep, Water							
Prep Batch ID: 9315						07/08/02 18:01	BBO
SW-846 6010B: Metals by ICP, Water							
Calcium	782 B	0.5	2.5	mg/L	5	07/09/02 08:52	DGW
Magnesium	106 B	0.25	1.25	mg/L	5	07/09/02 08:52	DGW
Potassium	62.8	1.5	7.5	mg/L	5	07/09/02 08:52	DGW
Sodium	3300	1.5	7.5	mg/L	5	07/09/02 08:52	DGW

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
* - Result is greater than the associated action level

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-01B
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 1)
	(435) 613-9490	**Date Collected:**	07/02/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
EPA 310.1: Alkalinity as CaCO3, Water							
Bicarbonate	2600	2	10	mg/L	1	07/10/02 13:00	RH
Total alkalinity	2600	2	10	mg/L	1	07/10/02 13:00	RH
EPA 300.0: Anions by I. C. (Br, Cl, F, SO4), Water							
Chloride	4780	180	900	mg/L	2000	07/08/02 10:12	NWL
Fluoride	6.39	1.2	6	mg/L	40	07/03/02 16:52	NWL
Sulfate	70.4	1.2	6	mg/L	40	07/03/02 16:52	NWL
EPA 300.0: Anions by I.C. (NO2, NO3, PO4), Water							
Nitrate Nitrogen	10.2	0.2	1	mg/L	40	07/03/02 16:52	NWL
Nitrite Nitrogen	U	0.3	1.5	mg/L	100	07/03/02 16:36	NWL
EPA 160.1: Solids, Total Dissolved (TDS), Water							
Total dissolved solids	11600	10	50	mg/L	1	07/05/02 13:00	RH
EPA 120.1: Specific Conductance, Water							
Conductivity	20900	1	3	µmhos/cm	1	07/03/02 15:30	NWL

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J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
* - Result is greater than the associated action level

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-01C
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 1)
	(435) 613-9490	**Date Collected:**	07/02/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
EPA 1664; Revision A: Oil & Grease (HEM), Water							
Oil & Grease	4.1 J	1.8	9.6	mg/L	1	07/10/02	TJ

Note for 07/10/02 00:00 analysis: Original volume of 1040 ml.

U - Not detected above the MDL
J - Analyte detected below the PQL
* - Result is greater than the associated action level
B - Analyte detected in the associated Method Blank
E - Result is outside of quantitation range
S -Results outside normal recovery limits
R - RPD outside normal precision limits

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-02A
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 2)
	(435) 613-9490	**Date Collected:**	07/03/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
SW-846 3005A: Flame/ICP Prep, Water							
Prep Batch ID: 9315						07/08/02 18:01	BBO
SW-846 6010B: Metals by ICP, Water							
Calcium	576 B	0.5	2.5	mg/L	5	07/09/02 09:08	DGW
Magnesium	82.8 B	0.25	1.25	mg/L	5	07/09/02 09:08	DGW
Potassium	55.7	1.5	7.5	mg/L	5	07/09/02 09:08	DGW
Sodium	2980	1.5	7.5	mg/L	5	07/09/02 09:08	DGW

U - Not detected above the MDL
J - Analyte detected below the PQL
* - Result is greater than the associated action level
B - Analyte detected in the associated Method Blank
E - Result is outside of quantitation range
S -Results outside normal recovery limits
R - RPD outside normal precision limits

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-02B
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 2)
	(435) 613-9490	**Date Collected:**	07/03/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
EPA 310.1: Alkalinity as CaCO3, Water							
Bicarbonate	2800	2	10	mg/L	1	07/10/02 13:00	RH
Total alkalinity	2800	2	10	mg/L	1	07/10/02 13:00	RH
EPA 300.0: Anions by I. C. (Br, Cl, F, SO4), Water							
Chloride	4450	110	562	mg/L	1250	07/08/02 11:17	NWL
Fluoride	6.35	1.2	6	mg/L	40	07/03/02 17:56	NWL
Sulfate	60.0	1.2	6	mg/L	40	07/03/02 17:56	NWL
EPA 300.0: Anions by I.C. (NO2, NO3, PO4), Water							
Nitrate Nitrogen	U	0.2	1	mg/L	40	07/03/02 17:56	NWL
Nitrite Nitrogen	U	0.3	1.5	mg/L	100	07/03/02 17:40	NWL
EPA 160.1: Solids, Total Dissolved (TDS), Water							
Total dissolved solids	10700	10	50	mg/L	1	07/05/02 13:00	RH
EPA 120.1: Specific Conductance, Water							
Conductivity	19100	1	3	µmhos/cm	1	07/03/02 15:30	NWL

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
* - Result is greater than the associated action level

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Mountain States Analytical, LLC

1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Client:	Mr. Gary Johnson	**Report Number:**	0207041-1
	JM Huber	**Date Reported:**	07/11/02
	212 E. 100 North	**Work Order:**	0207041
	PO Box 551	**Lab Sample ID:**	0207041-02C
	Price, UT 84501	**Client Sample ID:**	State I-35 (Sample 2)
	(435) 613-9490	**Date Collected:**	07/03/02
Project:	State I-35	**Date Received:**	07/03/02 13:13
Project ID:		**Matrix:**	Water
Purchase Order:		**COC ID:**	25106

Parameter	Result	MDL	PQL	Units	DF	Date Analyzed	Analyst
EPA 1664; Revision A: Oil & Grease (HEM), Water							
Oil & Grease	7.6 J	1.8	9.6	mg/L	1	07/10/02	TJ

Note for 07/10/02 00:00 analysis: Original volume of 1040 ml.

U - Not detected above the MDL
J - Analyte detected below the PQL
* - Result is greater than the associated action level
B - Analyte detected in the associated Method Blank
E - Result is outside of quantitation range
S -Results outside normal recovery limits
R - RPD outside normal precision limits

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

EPA 120.1: Specific Conductance, Water

QC Type: Laboratory Control Spike
Sample ID: LCS 020703-01 **Analysis Date:** 07/03/02 15:30 **Units:** µmhos/cm
Run ID: WC_020703E **Prep Batch ID:** WC_020703E **Seq No:** 358873

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Conductivity	1390		1410	98.1	94.5	104.5			

QC Type: Laboratory Control Spike
Sample ID: LCS 020703-02 **Analysis Date:** 07/03/02 15:30 **Units:** µmhos/cm
Run ID: WC_020703E **Prep Batch ID:** WC_020703E **Seq No:** 358874

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Conductivity	109000		112000	97.7	94.5	104.5			

QC Type: Method Blank
Sample ID: BLK 020703-01 **Analysis Date:** 07/03/02 15:30 **Units:** µmhos/cm
Run ID: WC_020703E **Prep Batch ID:** WC_020703E **Seq No:** 358875

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Conductivity	U	0	0	0		1			

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
NC - Not Calculated: Duplicate value(s) are less than the MDL

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report Celebrating 16 Years

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Method Blank
Sample ID: BLK 020703-02
Run ID: WC_020703E
Analysis Date: 07/03/02 15:30
Prep Batch ID: WC_020703E
Units: µmhos/cm
Seq No: 358876

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Conductivity	U	0	0	0		1			

QC Type: Sample Duplicate
Sample ID: 0207041-02B DUP
Run ID: WC_020703E
Analysis Date: 07/03/02 15:30
Prep Batch ID: WC_020703E
Units: µmhos/cm
Seq No: 358879

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Conductivity	18900						19100	1.0	1.24

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
NC - Not Calculated: Duplicate value(s) are less than the MDL

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

EPA 160.1: Solids, Total Dissolved (TDS), Water

QC Type: Method Blank
Sample ID: BLK 020705-01 **Analysis Date:** 07/05/02 13:00 **Units:** mg/L
Run ID: WC_020705D **Prep Batch ID:** WC_020705D **Seq No:** 359381

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Total dissolved solids	U	0	0	0		10			

QC Type: Laboratory Control Spike
Sample ID: LCS 020705-01 **Analysis Date:** 07/05/02 13:00 **Units:** mg/L
Run ID: WC_020705D **Prep Batch ID:** WC_020705D **Seq No:** 359382

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Total dissolved solids	249		250	99.6	90	110			

QC Type: Sample Duplicate
Sample ID: 0207042-03A DUP **Analysis Date:** 07/05/02 13:00 **Units:** mg/L
Run ID: WC_020705D **Prep Batch ID:** WC_020705D **Seq No:** 359388

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Total dissolved solids	1000						980	2.4	20

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
NC - Not Calculated: Duplicate value(s) are less than the MDL

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

EPA 300.0: Anions by I.C. (NO2, NO3, PO4), Water

QC Type: Laboratory Reagent Blank
Sample ID: LRB 020703-01 **Analysis Date:** 07/03/02 09:55 **Units:** mg/L
Run ID: IC 1_020703A **Prep Batch ID:** R31616 **Seq No:** 358963

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Nitrate Nitrogen	U	0	0	0		0.05			
Nitrite Nitrogen	U	0	0	0		0.01			

QC Type: Laboratory Fortified Blank
Sample ID: LFB 020703-01 **Analysis Date:** 07/03/02 10:11 **Units:** mg/L
Run ID: IC 1_020703A **Prep Batch ID:** R31616 **Seq No:** 358964

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Nitrate Nitrogen	87.7	U	90.8	96.6	90	110			
Nitrite Nitrogen	111	U	121	91.5	90	110			

QC Type: Matrix Spike
Sample ID: 0207027-01A MS **Analysis Date:** 07/03/02 11:15 **Units:** mg/L
Run ID: IC 1_020703A **Prep Batch ID:** R31616 **Seq No:** 358968

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Nitrate Nitrogen	108	4.6 J	90.8	113	80	120			
Nitrite Nitrogen	122	U	121	100	80	120			

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B - Analyte detected in the associated Method Blank
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NC - Not Calculated: Duplicate value(s) are less than the MDL

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Matrix Spike Duplicate
Sample ID: 0207027-01A MSD
Run ID: IC 1_020703A
Analysis Date: 07/03/02 11:31
Prep Batch ID: R31616
Units: mg/L
Seq No: 358969

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Nitrate Nitrogen	108	4.6 J	90.8	113	80	120	108	0.13	20
Nitrite Nitrogen	124	U	121	102	80	120	122	1.8	20

QC Type: Laboratory Reagent Blank
Sample ID: LRB 020703-01
Run ID: IC 1_020703B
Analysis Date: 07/03/02 09:55
Prep Batch ID: R31617
Units: mg/L
Seq No: 358998

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Fluoride	U	0	0	0		0.05			
Sulfate	U	0	0	0		0.35			

QC Type: Laboratory Fortified Blank
Sample ID: LFB 020703-01
Run ID: IC 1_020703B
Analysis Date: 07/03/02 10:11
Prep Batch ID: R31617
Units: mg/L
Seq No: 358999

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Fluoride	93.2	U	100	93.2	90	110			
Sulfate	373	U	400	93.2	90	110			

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B - Analyte detected in the associated Method Blank
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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Matrix Spike
Sample ID: 0207027-01A MS
Run ID: IC 1_020703B
Analysis Date: 07/03/02 11:15
Prep Batch ID: R31617
Units: mg/L
Seq No: 359003

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Fluoride	109	U	100	109	80	120			
Sulfate	435	80.4	400	88.7	80	120			

QC Type: Matrix Spike Duplicate
Sample ID: 0207027-01A MSD
Run ID: IC 1_020703B
Analysis Date: 07/03/02 11:31
Prep Batch ID: R31617
Units: mg/L
Seq No: 359004

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Fluoride	109	U	100	109	80	120	109	0.64	20
Sulfate	445	80.4	400	91.1	80	120	435	2.2	20

QC Type: Laboratory Reagent Blank
Sample ID: LRB 020708-01
Run ID: IC 1_020708A
Analysis Date: 07/08/02 09:41
Prep Batch ID: R31639
Units: mg/L
Seq No: 359391

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Chloride	U	0	0	0		0.45			

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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Laboratory Fortified Blank
Sample ID: LFB 020708-01 **Analysis Date:** 07/08/02 09:56 **Units:** mg/L
Run ID: IC 1_020708A **Prep Batch ID:** R31639 **Seq No:** 359392

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Chloride	192	U	200	96.0	90	110			

QC Type: Matrix Spike
Sample ID: 0207041-02B MS **Analysis Date:** 07/08/02 12:21 **Units:** mg/L
Run ID: IC 1_020708A **Prep Batch ID:** R31639 **Seq No:** 359401

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Chloride	5580	4450	1000	113	80	120			

QC Type: Matrix Spike Duplicate
Sample ID: 0207041-02B MSD **Analysis Date:** 07/08/02 12:37 **Units:** mg/L
Run ID: IC 1_020708A **Prep Batch ID:** R31639 **Seq No:** 359402

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Chloride	5630	4450	1000	119	80	120	5580	0.95	20

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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

EPA 310.1: Alkalinity as CaCO3, Water

QC Type: Laboratory Control Spike
Sample ID: LCS 020710-01
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360178

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	192		188	102	90	110			
Total alkalinity	192		188	102	90	110			

QC Type: Matrix Spike
Sample ID: 0207085-01A MS
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360182

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	420	220	188	106	82.9	118.4			
Carbonate	U								
Hydroxide	U								
Total alkalinity	420	220	188	106	82.9	118.4			

QC Type: Matrix Spike Duplicate
Sample ID: 0207085-01A MSD
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360183

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	402	220	188	96.8	82.9	118.4	420	4.4	7.97
Carbonate	U								
Hydroxide	U								
Total alkalinity	402	220	188	96.8	82.9	118.4	420	4.4	7.97

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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Method Blank
Sample ID: BLK 020710-02
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360185

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	U	0	0	0		2			
Carbonate	U	0	0	0		2			
Hydroxide	U	0	0	0		2			
Total alkalinity	U	0	0	0		2			

QC Type: Laboratory Control Spike
Sample ID: LCS 020710-02
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360186

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	192		188	102	90	110			
Carbonate	U								
Hydroxide	U								
Total alkalinity	192		188	102	90	110			

QC Type: Method Blank
Sample ID: BLK 020710-01
Run ID: WC_020710A
Analysis Date: 07/10/02 13:00
Prep Batch ID: WC_020710A
Units: mg/L
Seq No: 360187

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Bicarbonate	U	0	0	0		2			
Carbonate	U	0	0	0		2			
Hydroxide	U	0	0	0		2			
Total alkalinity	U	0	0	0		2			

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R - RPD outside normal precision limits
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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

SW-846 6010B: Metals by ICP, Water

QC Type: Method Blank
Sample ID: PBW-9315 **Analysis Date:** 07/09/02 08:47 **Units:** mg/L
Run ID: TJA61E_020709A **Prep Batch ID:** 9315 **Seq No:** 359474

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	0.15JS(1a)	0	0	0	-0.2	0.1			
Magnesium	0.051JS(1a)	0	0	0	-0.1	0.05			
Potassium	-0.016	0	0	0	-0.6	0.3			
Sodium	-0.30	0	0	0	-0.6	0.3			

1a: The concentration in the blank is less than 5% of the measured concentration of the reported samples.

QC Type: Laboratory Control Sample (Water)
Sample ID: LCSW-9315 **Analysis Date:** 07/09/02 08:49 **Units:** mg/L
Run ID: TJA61E_020709A **Prep Batch ID:** 9315 **Seq No:** 359475

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	10.4B		10.0	104	75	125			
Magnesium	4.16B		4.00	104	75	125			
Potassium	10.1		10.0	101	75	125			
Sodium	9.70		10.0	97.0	75	125			

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B - Analyte detected in the associated Method Blank
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Analytical Report Celebrating 16 Years

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Sample Duplicate
Sample ID: 0207041-01A D
Run ID: TJA61E_020709A
Analysis Date: 07/09/02 08:55
Prep Batch ID: 9315
Units: mg/L
Seq No: 359477

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	792B						782	1.3	20
Magnesium	107B						106	1.3	20
Potassium	63.7						62.8	1.5	20
Sodium	3320						3300	0.67	20

QC Type: Matrix Spike
Sample ID: 0207041-01A MS
Run ID: TJA61E_020709A
Analysis Date: 07/09/02 08:57
Prep Batch ID: 9315
Units: mg/L
Seq No: 359478

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	786BS(2c)	782	10.0	37.8	75	125			
Magnesium	109B	106	4.00	76.5	75	125			
Potassium	72.9	62.8	10.0	101	75	125			
Sodium	3250S(2c)	3300	10.0	-419	75	125			

2c: Matrix concentration >4x spike concentration - Serial dilution is within 10% limits

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B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
J - Analyte detected below the PQL
E - Result is outside of quantitation range
R - RPD outside normal precision limits
NC - Not Calculated: Duplicate value(s) are less than the MDL

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Mountain States Analytical, LLC
1645 West 2200 South · Salt Lake City, Utah 84119 · 800-973-6724

Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Matrix Spike Duplicate
Sample ID: 0207041-01A MSD
Run ID: TJA61E_020709A
Analysis Date: 07/09/02 08:59
Prep Batch ID: 9315
Units: mg/L
Seq No: 359479

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	804BS(2c)	782	10.0	227	75	125	786	2.4	20
Magnesium	111BS(2c)	106	4.00	139	75	125	109	2.3	20
Potassium	73.9	62.8	10.0	111	75	125	72.9	1.4	20
Sodium	3300S(2c)	3300	10.0	11.9	75	125	3250	1.3	20

2c: Matrix concentration >4x spike concentration - Serial dilution is within 10% limits

QC Type: Post Digestion/Distillation Spike
Sample ID: 0207041-01A A
Run ID: TJA61E_020709A
Analysis Date: 07/09/02 09:01
Prep Batch ID: 9315
Units: mg/L
Seq No: 359480

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Calcium	832B	782	50.0	99.9	75	125			
Magnesium	125B	106	20.0	97.2	75	125			
Potassium	113	62.8	50.0	101	75	125			
Sodium	3320S(2c)	3300	50.0	39.4	75	125			

2c: Matrix concentration >4x spike concentration - Serial dilution is within 10% limits

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S -Results outside normal recovery limits
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Analytical Report

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

QC Type: Serial Dilution
Sample ID: 0207041-01A L
Run ID: TJA61E_020709A

Analysis Date: 07/09/02 09:05
Prep Batch ID: 9315

Units: mg/L
Seq No: 359481

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	%D	%D Limit
Calcium	785B						782	0.45	10
Magnesium	107B						106	1.5	10
Potassium	62.5						62.8	0.51	10
Sodium	3460						3300	4.9	10

U - Not detected above the MDL
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S -Results outside normal recovery limits
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E - Result is outside of quantitation range
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Analytical Report Celebrating 16 Years

Quality Control Summary

Client: JM Huber
Project: State I-35
Project ID:

Report Number: 0207041-1
Date Reported: 07/11/02
Work Order: 0207041

EPA 1664; Revision A: Oil & Grease (HEM), Water

QC Type: Method Blank
Sample ID: MB-020710 **Analysis Date:** 07/10/02 **Units:** mg/L
Run ID: EXT LAB_020710A **Prep Batch ID:** EXT LAB_020710A **Seq No:** 360197

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Oil & Grease	0.30	0	0	0		1.9			

QC Type: Laboratory Control Spike
Sample ID: LCS-020710 **Analysis Date:** 07/10/02 **Units:** mg/L
Run ID: EXT LAB_020710A **Prep Batch ID:** EXT LAB_020710A **Seq No:** 360198

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Oil & Grease	37.4		40.0	93.5	79	114			

QC Type: Laboratory Control Spike Duplicate
Sample ID: LCSD-020710 **Analysis Date:** 07/10/02 **Units:** mg/L
Run ID: EXT LAB_020710A **Prep Batch ID:** EXT LAB_020710A **Seq No:** 360199

Parameter	Result	Spike Parent	True Value	Percent Recovery	Low Limit	High Limit	Duplicate Parent	RPD	RPD Limit
Oil & Grease	38.7		40.0	96.8	79	114	37.4	3.4	24

Sample Comments: LCSD was extracted in lieu of MS due to volume limitations.

U - Not detected above the MDL
B - Analyte detected in the associated Method Blank
S -Results outside normal recovery limits
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R - RPD outside normal precision limits
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Cation-Anion Balance

Client: Mr. Gary Johnson
JM Huber
212 E. 100 North
PO Box 551
Price, UT 84501
(435) 613-9490

Report Number: 0207041-CAB
Date Reported: 07/11/02
Work Order: 0207041

Sample ID: 0207041-01 **Client Sample ID(s):** State I-35 (Sample 1)

Analyte	mg/L	meq/L	Analyte	mg/L	meq/L
Calcium	781.8	39.0	Bicarbonate	2600.0	52.0
Magnesium	105.6	8.7	Chloride	4777.7	134.8
Potassium	62.8	1.6	Sulfate	70.4	1.5
Sodium	3295.5	143.4			
Total Cations (meq/L):		192.7	**Total Anions (meq/L):**		188.2

Cation-Anion Balance: 1.2%

Sample ID: 0207041-02 **Client Sample ID(s):** State I-35 (Sample 2)

Analyte	mg/L	meq/L	Analyte	mg/L	meq/L
Calcium	575.5	28.7	Bicarbonate	2800.0	56.0
Magnesium	82.8	6.8	Chloride	4446.8	125.4
Potassium	55.7	1.4	Sulfate	60.0	1.2
Sodium	2979.9	129.6			
Total Cations (meq/L):		166.6	**Total Anions (meq/L):**		182.7

Cation-Anion Balance: -4.6%

Notes: Only analytes that contribute at least 1 meq/L are used in the calculation
Iron concentrations are presumed to be Fe+++
Chromium concentrations are presumed to be Cr+++
Maganese concentrations are presumed to be Mn++
Calculation: (cations - anions)/(cations + anions) x 100 %
Reference: ASTM D 596-83

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1645 West 2200 South • Salt Lake City, UT 84119 • 800-973-6724 • Fax 801-972-6278
Website: www.msailabs E-mail: service@msailabs.com

25106

Sample Chain of Custody Analysis Request Form

Company/Client: J.M. Huber Sampler(s): 2-Day

Project Name: STATE I-35 Quote #:

Project No.: P.O.#:

	Sample Identification	Date Collected	Time Collected	Type: Grab	Type: Composite	Matrix: Solid	Matrix: Aqueous	Matrix: Organic Liquid	Matrix: Multi-phase	Number of Containers	Analysis Request
1	I-SJ @ 4 Pm 7-2-02 4PM										
2	6 Samples										
3											
4	I-SJ 7-3-02		1000								
5	6 Samples										
6											
7											
8											
9											
10											
11											
12											
13											

Analysis Request: Pres. 1 2 3 4 5 6 7 8

	Relinquished By	Date	Time	Received By
1	Larry Sc[illegible]	7/3/02	1313	[illegible]
2				
3				

	Relinquished By	Date	Time	Received By
4				
5				
6				

Contact Information

Reports To:
E-mail:
Phone:
Fax:
Address:

Turnaround Time:

Standard ☐
Rush* ☐ ____ Day(s)

*RUSH TAT is subject to MSAI approval and surcharges will apply. ALL TAT's are based on WORKING days. Samples received after 4:00 PM will not be processed until the next business day.

Preservative:
1 - Chilled to 4°C
2 - HNO_3
3 - H_2SO_4
4 - $Na_2S_2O_3$
5 - HCl
6 - NaOH
7 - NaOH/ZnAC
8 - Other

Comments/Special Instructions:

MSAI Use
W.O. # 0207041
LOC 13-B1

Mountain States Analytical, LLC

Sample Receipt Checklist

Client Name: JM Huber Work Order No. 0207041
Carrier: Client Carrier Number:

Cooler Information: Non-Rad ☑ Exempt ☐ White I ☐ Yellow II ☐ Yellow III ☐ ALARA: α_____/β_____
Ludlum Model 3 Serial #_____ Ludlum Model 2929 Scaler Serial #_____
Smear Results: **Cooler:** α_____/β_____ **Inner Pkg:** α_____/β_____ **Samples:** α_____/β_____
Transport Index (1 meter reading for Yellow II & III only) _____mR/hr

Cooler Number/ID: E-581 Surface Radioactivity Reading (if required) _____ mR/hr
Condition of Shipping Container: Good ☑ Fair ☐ Damaged (explain) _____
Cooler Sealed (taped): Yes ☐ No ☑ Not Applicable ☐ PID Reading _____ ppm
Custody Seals Present: Yes ☐ No ☑ Not Applicable ☐
Intact ☐ Broken ☐ Seal Number: _____

Coolant: Ice ☑ Blue Ice ☐ None ☐ Other: _____
State of Coolant: Frozen ☐ Partially Frozen ☑ Melted ☐
Temperature: 2°C Thermometer ID: 2018 Correction Factor: 0 Temp Blank Included: Yes ☑ No ☐

Packing Description: Ice, Bubble Wrap

Chain-Of-Custody Information:
COC Present: Yes ☑ No ☐ Other: _____
COC Number(s): 25106
COC signed (relinquished and received): Yes ☑ No ☐ Not Applicable ☐
COC agrees with sample labels: Yes ☐ No ☑ Not Applicable ☐
Notes: No analyses requested on COC

Sample Information:
Samples included in cooler: Bottles: State I-35 COC: 1 set

Custody Seals Present: Yes ☐ No ☑ Not Applicable ☐ Other _____
Intact ☐ Broken ☐ Seal Number(s) _____

Sample containers intact: Yes ☑ No ☐ Notes: _____
Samples in proper containers: Yes ☑ No ☐
Sufficient sample volume: Yes ☑ No ☐
All samples received in hold time: Yes ☑ No ☐

Water – VOA's have zero headspace: Yes ☐ No ☑ Not Applicable ☐
Pre-preserved with HCl: ☑ Pre-preserved with Na2S2O3: ☐ Non-Preserved: ☐
Notes: Large Bubbles in VOA (Dissolved Gasses) Containers

Water – pH acceptable upon receipt: Yes ☐ Adjusted (see comments below) ☑ Not Applicable ☐
HNO_3 = _____ H_2SO_4 = <2 NaOH = _____ ZnAC /NaOH = _____ HCL = _____

Water - pH adjusted: (MSAI Tracking No.)
HNO_3 ~~401040~~ 5466 COP H_2SO_4 4545 NaOH _____
ZnAC _____ $Na_2SO_2O_3$ _____ Other _____

Notes: Both Metals Bottles - added 1 mL HNO_3 <2 pH (pH was 7) 1 of the oil & Grease Bottles (1/3) added 2mL H_2SO_4 <2 pH (pH was 7)

Cooler Contents Inspected & Verified By:
[signature] Date: 7/3/02 Time: 1335 Reviewed by: [signature] Date: 7/3/02

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) All Wells
2) 1-35 5:00
3) 1-35 3;30
4) 1-35 2;00

Report Date: 06-07-2002

SATURATION LEVEL	
Calcite (CaCO3)	80.00
Aragonite (CaCO3)	67.79
Anhydrite (CaSO4)	0.00126
Gypsum (CaSO4*2H2O)	0.00152
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	295581
Siderite (FeCO3)	56870
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)	
Calcite (CaCO3)	13.96
Aragonite (CaCO3)	13.92
Witherite (BaCO3)	-0.306
Strontianite (SrCO3)	-0.0559
Anhydrite (CaSO4)	-693.62
Gypsum (CaSO4*2H2O)	-705.49
Barite (BaSO4)	-0.418
Hydroxyapatite	-309.23
Iron hydroxide (Fe(OH)3)	< 0.001
Siderite (FeCO3)	4.25
Iron sulfide (FeS)	>-0.001

SIMPLE INDICES	
Langelier	2.59
Stiff Davis Index	2.45

BOUND IONS	TOTAL	FREE
Calcium	56.57	16.25
Barium	0.00	0.00
Carbonate	1707	488.62
Phosphate	0.00	0.00
Sulfate	78.75	68.75

OPERATING CONDITIONS

Temperature (°F)	100.00
Time(mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

EXHIBIT 2.7.3

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) All Wells
2) 1-35 5;00
3) 1-35 3;30
4) 1-35 2;00

Report Date: 06-07-2002

SATURATION LEVEL	
Calcite (CaCO3)	80.00
Aragonite (CaCO3)	67.79
Anhydrite (CaSO4)	0.00126
Gypsum (CaSO4*2H2O)	0.00152
Barite (BaSO4)	0.00
Hydroxyapatite	0.00
Iron hydroxide (Fe(OH)3)	295581
Siderite (FeCO3)	56870
Iron sulfide (FeS)	0.00

MOMENTARY EXCESS (Lbs/1000 Barrels)	
Calcite (CaCO3)	13.96
Aragonite (CaCO3)	13.92
Witherite (BaCO3)	-0.306
Strontianite (SrCO3)	-0.0559
Anhydrite (CaSO4)	-693.62
Gypsum (CaSO4*2H2O)	-705.49
Barite (BaSO4)	-0.418
Hydroxyapatite	-309.23
Iron hydroxide (Fe(OH)3)	< 0.001
Siderite (FeCO3)	4.25
Iron sulfide (FeS)	>-0.001

SIMPLE INDICES	
Langelier	2.59
Stiff Davis Index	2.45

BOUND IONS	TOTAL	FREE
Calcium	56.57	16.25
Barium	0.00	0.00
Carbonate	1707	488.62
Phosphate	0.00	0.00
Sulfate	78.75	68.75

OPERATING CONDITIONS

Temperature (°F)	100.00
Time(mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

Spring and Well Survey
of the
Spring Canyon Sandstone

For

J. M. Huber Corporation
Coalbed Methane Business Unit
Castlegate Field, Carbon County, UT

LASR Geo Consulting
50 East 970 North
Castle Dale, UT
(435) 381-5359

EXHIBIT 2.10.1

STUDY OBJECTIVE

J. M. Huber Corporation extracts methane from buried coalbeds in the Castlegate field north of Price. These gas wells produce saline water, which is a by-product of coalbed methane wells. J. M. Huber Corporation plans to collect and dispose of coalbed methane water by injecting it into a well drilled into the Spring Canyon Sandstone, thereby using the Spring Canyon Sandstone as a reservoir. The objective of this study was to identify any spring(s) or well(s) that have as their source the Spring Canyon Sandstone. It is important that these sources be identified to understand groundwater flow in the aquifer, for the possible establishment of monitoring stations, and to identify any users of this source.

HYDROGEOLOGY OF THE SPRING CANYON SANDSTONE

The Spring Canyon Sandstone is the upper member of the Star Point Sandstone. It is a regional aquifer in the Book Cliffs area and the Wasatch Plateau (Weiss and others, 1990). The Star Point Sandstone consists of three sandstone units (Spring Canyon, Storrs, and Panther Sandstones) intertongued with Mancos Shale. These sandstone units coalesce into a single sandstone body to the west and south, and thin successively to the east pinching out as individual units. The Spring Canyon Member extends the farthest east and terminates between Soldier Canyon and Sunny Side.

The Spring Canyon Sandstone is medium to fine grained composed of quartz cemented with calcite. Historically, early miners recognized this unit by the hummocky white cap found on weathered outcrops along the top of the unit. Speiker and Reeside (1925) included the Spring Canyon Sandstone with the Star Point Sandstone, but Young (1955) reassigned it as the basal member of the Blackhawk Formation in the Book Cliffs to the east. The Spring Canyon Sandstone merges with the Star Point Sandstone and becomes the upper member of it in the Wasatch Plateau (Russon and Carrol, 1987). Most of the quadrangles along the Book Cliffs from Helper to Sunny Side show the Star Point Sandstone pinching out east along the Book Cliffs, which it does; however, the Spring Canyon Sandstone is included with the Blackhawk creating some ambiguity where it actually pinches out because of its inclusion with the Blackhawk Formation. The Star Point Sandstone in the Wasatch Plateau, which includes the Spring Canyon Sandstone, is an important regional aquifer (Grace 1987); it is unknown as to how important an aquifer the Spring Canyon is in the Book Cliffs area.

Formations along the Book Cliffs dip to the north at 7 degrees. No faults exist in the Book Cliffs area. Jointing in the cliff faces appear to be a result of differential settling along the edge of the outcrop and do not penetrate deep into the plateau. Therefore, groundwater movement is inhibited laterally along the sandstone aquifer.

WATER SOURCES OF THE SPRING CANYON SANDSTONE

The State of Utah Water Rights data base was perused to determine whether there were any proved water rights having their source in the Spring Canyon Sandstone in the area of question. Springs and Wells having approved or perfected water rights in the area of concern are listed in the table below. None of these springs or wells have their source in the Spring Canyon

Sandstone. The water rights for the wells are owned by AMCA Coal Leasing Inc., and only one of the four appears to have been actually drilled. This well is recognized by the State of Utah as having been perfected, whereas the other three are not yet drilled but the water rights are approved.

According to Nethercott (1985), the well is spudded into the Kenilworth Member of the Blackhawk Formation. The well is 130 feet deep and the Kenilworth Member is 144 feet thick and the Aberdeen Member of the Blackhawk is about 60 feet. If the well is drilled into the lower part of the Kenilworth Member, there is a slight chance that it may penetrate the upper Spring Canyon Sandstone. It appears from the map of Nethercott (1985) the well is spudded approximately in the middle of the Kenilworth Member suggesting the aquifer is a combination of the Kenilworth and Aberbeen Sandstones.

Table 1.

Spring or Well	Source	Depth	Section	Township/ UTM Coords	Range	
Spring	Price River Formation	N/A	6	13 S/ 4396759.91	11 E/ 523881.87	Perfected
Well	Kenilworth /Aberbeen	130'	7	13 S/ 4394976.58	11 E/ 523195.44	Perfected
Well	N/A	N/A	7	13 S/ 4394742.49	11 E/ 523110.71	Approved
Well	N/A	N/A	7	13 S/ 4395069.54	11 E/ 523049.75	Approved
Well	N/A	N/A	7	13 S/ 4394606.25	11 E/ 523292.98	Approved
Spring	Mancos	N/A	22	13 S/ 4392662.38	11E/ 527420.02	Perfected
Spring	Kenilworth Tunnel	N/A	6	13 S/ 4397815.22	10 E/ 512712.17	Perfected
Stream	Willow Creek	N/A	32	13 S/ 4388040.56	10 E/ 514333.07	Approved

After looking in the State of Utah Division of Water Resources (DWR) point of diversion data base, the well log data base was checked to see if any wells were drilled in the area of concern without having water approval. Two wells were drilled by Cyprus Plateau Mining Corporation as monitoring wells for the Willow Creek mine (Table 2). The well in section 5 has a TD of 360 feet and appears to be in the Aberdeen Sandstone and the well in section 12 has a TD of 540 feet and is logged to be in the Aberdeen Sandstone. Static water level for the well in section 5 was measured to be 311.60 feet and 315 .0 feet for the well in section 12. Logs for these wells are included in the appendix.

Table 2.

Spring or Well	Source	Depth	Section	Township/ UTM	Range/ UTM	
Well #1	Aberdeen Ss	360	5	13 S/ 4396398.12	10 E/ 514895.30	Monitoring
Well #2	Aberdeen Ss	540	12	13 S/ 4395610.12	10 E/ 520736.53	Monitoring

The Division of Oil Gas and Mining (DOGM) coal mine-water quality data base was perused for springs or wells not listed on the Division of Water Rights web sight. DOGM has an extensive water quality program where the coal mining companies have sampled wells, streams, and springs while mining coal in the State of Utah. All of the springs listed in the data base for the Centennial mine operated by Andalex in Deadman Canyon did not have a location or a description. Some of the springs and wells in the DOGM coal-water quality data base of monitoring site for Willow Creek Mine did have locations and descriptions. One spring worth mentioning was a spring located below the old Kenilworth Mine portal. No geologic information was given for any of these springs or wells.

Two springs were noted on the Price 30 X 60 map in section 34 of township 13 south, Range 10 east. These springs are a along the contact between the alluvial pediment and Mancos Great Blue and they are 3 miles south of the Book Cliffs region.

A field survey of the Spring Canyon Sandstone along the Book Cliffs was done on 5 July, 2002. This was done to identify any springs not mentioned or discovered in the research and to verify information discovered. Outcrops of Spring Canyon Sandstone near the Centennial Mine in Deadman Canyon were examined wet, damp, green or grassy areas suggesting the presence of a seep or small spring. All locations checked in the Deadman Canyon area were dry and showed no previous spring activity.

The Spring Canyon Sandstone was traced to the west continuing to the town of Kenilworth and the canyons north of Kenilworth. As mentioned above, there is a small flow below the old Kenilworth portal. A search of the canyons near Kenilworth and the old Kenilworth portal revealed no springs or seeps in either the Aberdeen or the Spring Canyon Sandstones. There was a water tank above Kenilworth and the source for it was not evident.

The Price River Improvement District was contacted to verify that none of the communities in the Price area (Helper, Kenilworth, Spring Glen, Carbonville, Price, or Wellington) has a water source in the Spring Canyon Sandstone. Sources of water for the varying communities are as follows: Helper, Spring Canyon from the North Horn Formation and Fish Springs; Price, one well near Colton source in the North Horn Formation and Colton Spring source in the Colton Formation; and all of the communities including Kenilworth and Spring Glen utilize the Price River.

CONCLUSION

There were no springs, seeps, or wells listed on the State of Utah Division of Water Rights (DWR) point of diversion or well data bases that intercepted the Spring Canyon Sandstone in the Book Cliffs area. Although there were a few approved and perfected water rights, none of these get water from the Spring Canyon Sandstone. The Aberdeen/Kenilworth Sandstone lying above the Spring Canyon Sandstone was the source for wells in section 7. The Price River Formation and the Mancos Shale are probable sources for springs in Township 13 south, Range 11 east. Drainage from the Kenilworth tunnel is thought to be from roof drippers and old mine workings that flow out of the tunnel. Mention of flow below the old Kenilworth portal was dry and would probably have its source in the Aberdeen Sandstone, as described by the monitoring records. Two monitoring well drilled by Cyprus Plateau Mining Corporation were monitoring groundwater in the Aberdeen Sandstone. None of the communities in the Price area obtain water from springs or wells that have as their source the Spring Canyon Sandstone. The Spring Canyon Sandstone is not an important aquifer along the Book Cliffs.

References Cited

Carroll, R. E., 1987, Geology of the Standardville 7 ½' quadrangle, Carbon County, Utah: Brigham Young University Geology Studies, v. 34,pt.1, p.1-31.

Grace, S. R., 19xx, Hydrogeology of the Blackhawk/Star Point aquifer system northern Wasatch Plateau coal field, Central Utah

Nethercott, M. A., 1985, Geologic map and coal resources of the Deadman Canyon Quadrangle, Carbon County, Utah: Utah Geological and Mineral Survey, Map 76

., 1987, Geology, deposional environments, and coal resources of the Helper 7 ½' Quadrangle, Carbon County central Utah: Brigham Young University Geology Studies, v. 34, pt. 1, p. 131-68.

Speiker, E. M. and Reeside, J. B., Jr., 1925, Cretaceous and Tertiary formations of the Wasatch Plateau, Utah: Geology Society of America Bulletin, v. 36, no. 3, p. 435-54.

Young, R. G., 1955, Sedimentary facies and intertonguing in the upper Cretaceous of the Book Cliffs, Utah-Colorado: Geological Society of America Bulletin, v. 66, p. 177-201.

Weiss, M. P., Witkind, I. J., and Cashion, W. B., 1990, Geologic map of the Price 30' x 60' Quadrangle, Carbon, Duchesne, Uintah, Utah, and Wasatch Counties, Utah: U. S. Geological Survey, I-1981

TAKE COPY - MARKED

Schlumberger

Company: J. M. HUBER CO.

Well: HUBER STATE # 1-35
Field: WATER DISPOSAL
County: DUCHESNE State: UTAH

COMPENSATED NEUTRON
TRIPLE LITHODENSITY
GAMMA RAY

County: DUCHESNE
Field: WATER DISPOSAL
Location: SW/SW 540' FSL, 1135' FWL
Well: HUBER STATE # 1-35
Company: J. M. HUBER CO.

LOCATION: SW/SW 540' FSL, 1135' FWL

Elev.: K.B. 7265 ft
G.L. 7250 ft
D.F. 7264 ft

Permanent Datum: GROUND LEVEL — Elev.: 7250 ft
Log Measured From: KELLY BUSHING — 15.0 ft above Perm. Datum
Drilling Measured From: KELLY BUSHING

API Serial No.	Section	Township	Range
43013323080000	35	11S	10E

Logging Date		15-May-2002			
Run Number		ONE			
Depth Driller		6400 ft			
Schlumberger Depth		6403 ft			
Bottom Log Interval		6403 ft			
Top Log Interval		2004 ft			
Casing Driller Size @ Depth		9.625 in	@ 2000 ft		@
Casing Schlumberger		2004 ft			
Bit Size		8.750 in			
Type Fluid In Hole		LSND			
MUD Density	Viscosity	9 lbm/gal	50 s		
MUD Fluid Loss	PH	11.2 cm3	10		
MUD Source Of Sample		MUD TANK			
RM @ Measured Temperature		1.940 ohm.m	@ 58 degF		@
RMF @ Measured Temperature		1.455 ohm.m	@ 58 degF		@
RMC @ Measured Temperature		2.910 ohm.m	@ 58 degF		@
Source RMF	RMC	CALCULATED	CALCULATED		
RM @ MRT	RMF @ MRT	0.886 @ 135	0.665 @ 135	@	@
Maximum Recorded Temperatures		135 degF	135	135	
Circulation Stopped	Time	15-May-2002		11:30	
Logger On Bottom	Time	15-May-2002		18:30	
Unit Number	Location	3031	VERNAL, UTAH		
Recorded By		SHERIF LABIB			
Witnessed By		G. JOHNSON / G. HAMPTON			

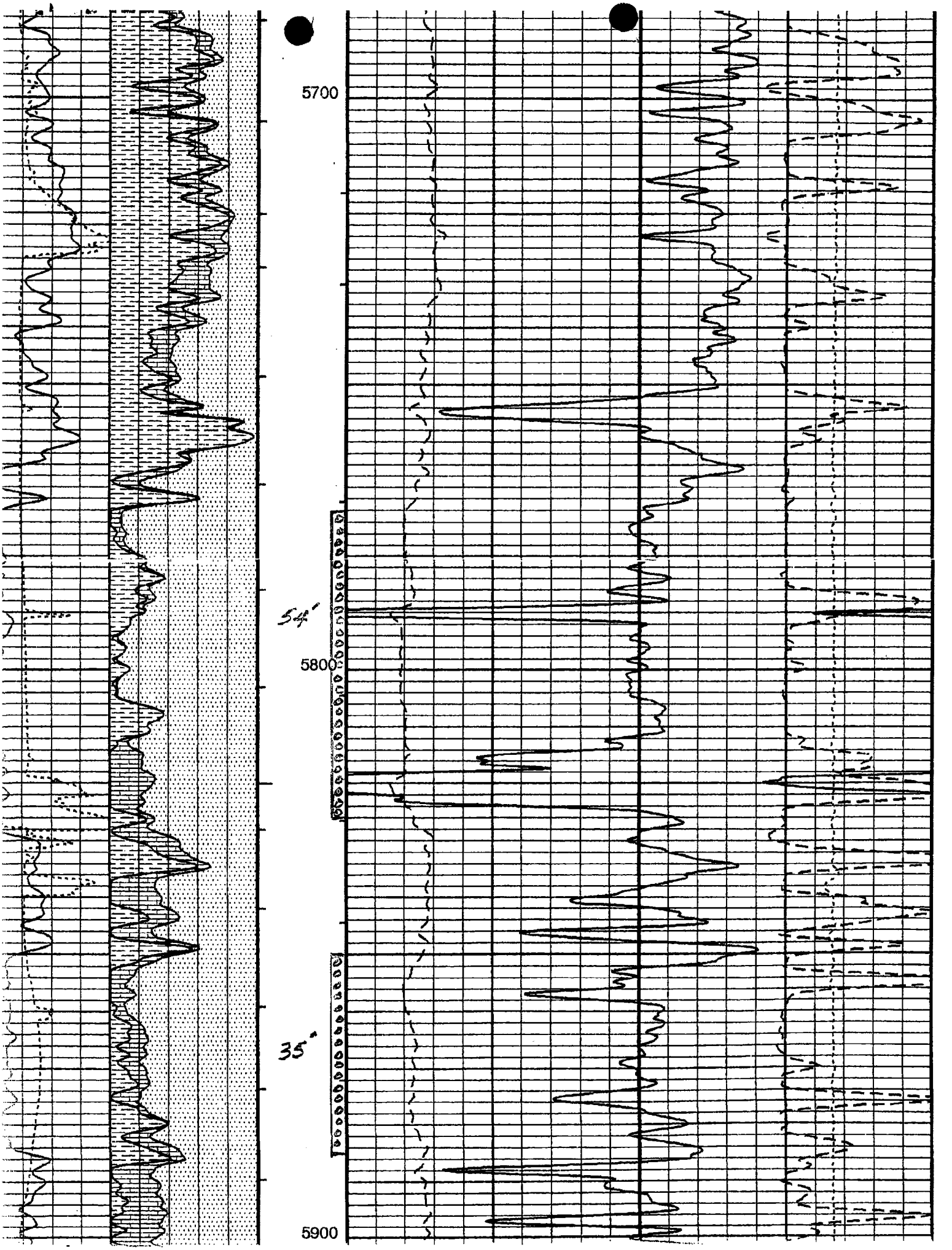

5700
54'
5800
35'
5900

EXHIBIT 5

J.M. HUBER CORPORATION
SURFACE OWNERS, MINERAL OWNERS AND OPERATORS
WITHIN ½ MILE OF THE HUBER STATE 1-35 WDW

Township 11 South, Range 10 East, SLM, Duchesne County, Utah
Section 34: Lot 1 (SESE)

Mineral Owner:	United States of America Bureau of Land Management PO Box 45155 Salt Lake City, UT 84145 Lease Number UTU-74384	
Surface Owner:	State of Utah School and Institutional Trust Lands Administration 675 East 500 South Salt Lake City, UT 84102	
Operators:	Ernest H. Cockrell 1600 Smith Street, Suite 4600 Houston, TX 77002-7348	50.00%
	Carol C. Curran 1600 Smith Street, Suite 4600 Houston, TX 77002-7348	50.00%

Section 34: Lot 2 (SWSE), N1/2SE, SENE

Mineral Owner:	State of Utah School and Institutional Trust Lands Administration Lease Number ML-47989	
Surface Owner:	State of Utah School and Institutional Trust Lands Administration	
Operators:	J.M. Huber Corporation 1050 17th Street, Suite 700 Denver, CO 80265	50.00%
	Patina Oil & Gas Corporation 1625 Broadway, Suite 2000 Denver, CO 80202	50.00%

Section 35: Lots 2 (SWSE), 3 (SESW), 4 (SWSW), NWSW, SWNW

Mineral Owner:	State of Utah School and Institutional Trust Lands Administration Lease Number ML-48822	
Surface Owner:	State of Utah School and Institutional Trust Lands Administration	
Operators:	J.M. Huber Corporation	50.00%
	Patina Oil & Gas Corporation	50.00%

Section 35: SWNE, SENW, NESW, NWSE

Mineral Owner:	United States of America Bureau of Land Management Lease Number UTU-77090	
Surface Owner:	Ferris Alan Jensen and Johannah Jensen PO Box 205 Cleveland, UT 84518-0205	
Operators:	Anderson Oil LTD 5005 Woodway, Suite 300 Houston, TX 77056	100.00%

Township 12 South, Range 10 East, SLM, Carbon County, Utah
Section 2: Lots 1, 2, and 3

Mineral Owner:	State of Utah School and Institutional Trust Lands Administration Lease Number ML-46675
Surface Owner:	State of Utah School and Institutional Trust Lands Administration
Operators:	Alan R. Bowes 705 10th Avenue Salt Lake City, UT 84103

Section 2: Lot 4

Mineral Owner:	State of Utah School and Institutional Trust Lands Administration Unleased
Surface Owner:	State of Utah School and Institutional Trust Lands Administration
Operators:	None – Unleased

Section 2: S1/2

Mineral Owners:	William Marsing Livestock Inc. 4330 East 8900 South Price, UT 84501	43.75%
	Paula M. Butcher 4330 East 8900 South Price, UT 84501	4.6875%
	Paula M. Butcher, as Personal Representative of the Estate of Joyce A. Marsing, deceased 4330 East 8900 South Price, UT 84501	4.6875%
	Duane E. Quinn, as Personal Representative of the Estate of Ver Marsing Quinn, deceased 4100 East 8900 South Price, UT 84501	4.6875%

	Marilyn Steines 132 Manaqianui Bastrop, TX 78602	4.6875%
	Lois Marie Marsing 5325 South Beacon Hill Circle Murray, UT 84123	4.6875%
	Troy Lane Marsing 1783 East Sitz Mark Sandy, UT 84092	4.6875%
	Allen Kirt Marsing 735 North 700 East Price, UT 84501	4.6875%
	Fiscal Dynamics Limited Partnership c/o Richard Lynn Marsing 3562 Avondale Drive Salt Lake City, UT 84121 (Unleased)	4.6875%
	Phillip Gregory Marsing PO Box 190 Price, UT 84501	4.6875%
	Boyd Kent Marsing PO Box 2 Price, UT 84501	4.6875%
	Tama Gordon PO Box 575 Price, UT 84501	4.6875%
	Nick L. Marsing PO Box 806 Price, UT 84501	4.6875%
Surface Owner:	William Marsing Livestock, Inc. 4330 East 8900 South Price, UT 84501	
Operators:	Williams Production RMT Company 1515 Arapahoe Street, Tower 3, Suite 1000 Denver, CO 80202	100.00%

Section 3: Lot 1

Mineral Owner:	United States of America Bureau of Land Management UTU-65948	
Surface Owner:	United States of America Bureau of Land Management	
Operators:	<u>Surface to Base of Mesa Verde</u> J.M. Huber Corporation Patina Oil & Gas Corporation	 50.00% 50.00%

	Below Base of Mesa Verde	
	Ernest H. Cockrell	75.00%
	Carol C. Curran	25.00%

Section 3: Lots 2 and 3

Mineral Owner:	United States of America Bureau of Land Management Lease Number UTU-65948	
Surface Owner:	State of Utah School and Institutional Trust Lands Administration	
Operators:	Surface to Base of Mesa Verde	
	J.M. Huber Corporation	50.00%
	Patina Oil & Gas Corporation	50.00%
	Below Base of Mesa Verde	
	Ernest H. Cockrell	75.00%
	Carol C. Curran	25.00%

Section 3: NESW, W1/2SE

Mineral Owner:	United States of America Bureau of Land Management Lease Number UTU-65948	
Surface Owner:	Jerry J. Jensen 1155 Carbonville Road Price, UT 84501	
Operators:	Surface to Base of Mesa Verde	
	J.M. Huber Corporation	50.00%
	Patina Oil & Gas Corporation	50.00%
	Below Base of Mesa Verde	
	Ernest H. Cockrell	75.00%
	Carol C. Curran	25.00%

Section 3: E1/2SE

Mineral Owner:	Same as for Section 2: S1/2 above	
Surface Owner:	William Marsing Livestock, Inc.	
Operators:	Williams Production RMT Company	100.00%

Dated: June 27, 2002

Clint W. Turner, CPL

PRODUCTION
LOGGING
SERVICES, INC.

1340 EAST 1100 SOUTH / VERNAL, UTAH 84078
(435) 789-6940

J.M. Huber

State 1-35 WIW

Castle Gate

09/19/02

STEP RATE TEST

STEP RATE TEST

COMPANY..... :	J.M. Huber
WELL NO..... :	State 1-35 WIW
FIELD..... :	Castle Gate
TEST DATES..... :	09/19/02
KB ELEVATION ... :	7265′
GL ELEVATION ... :	7250′
DATUM..... :	N/A
CASING SIZE..... :	7″ 26#
PERFS..... :	5772′-5826′
	5850′-5885′
T.D. / P.B.T.D..... :	6400′
TUBING..... :	2-7/8″ 15.5#

GAUGES SET AT ..... :	2-7/8″ Ball Test Sub at 5735′
TIME ENGAGE BATTERY AT. :	10:21:30 on 09/19/02
TIME AT DEPTH..... :	10:45:45 on 09/19/02
TIME STARTED PUMPING.... :	11:01:25 on 09/19/02
TIME STOPPED PUMPING.... :	14:16:00 on 09/19/02
TIME OFF DEPTH..... :	14:48:02 on 09/19/02
SURFACE PRESSURE AT SWI:	N/A
SURFACE PRESSURE AT EOS:	N/A

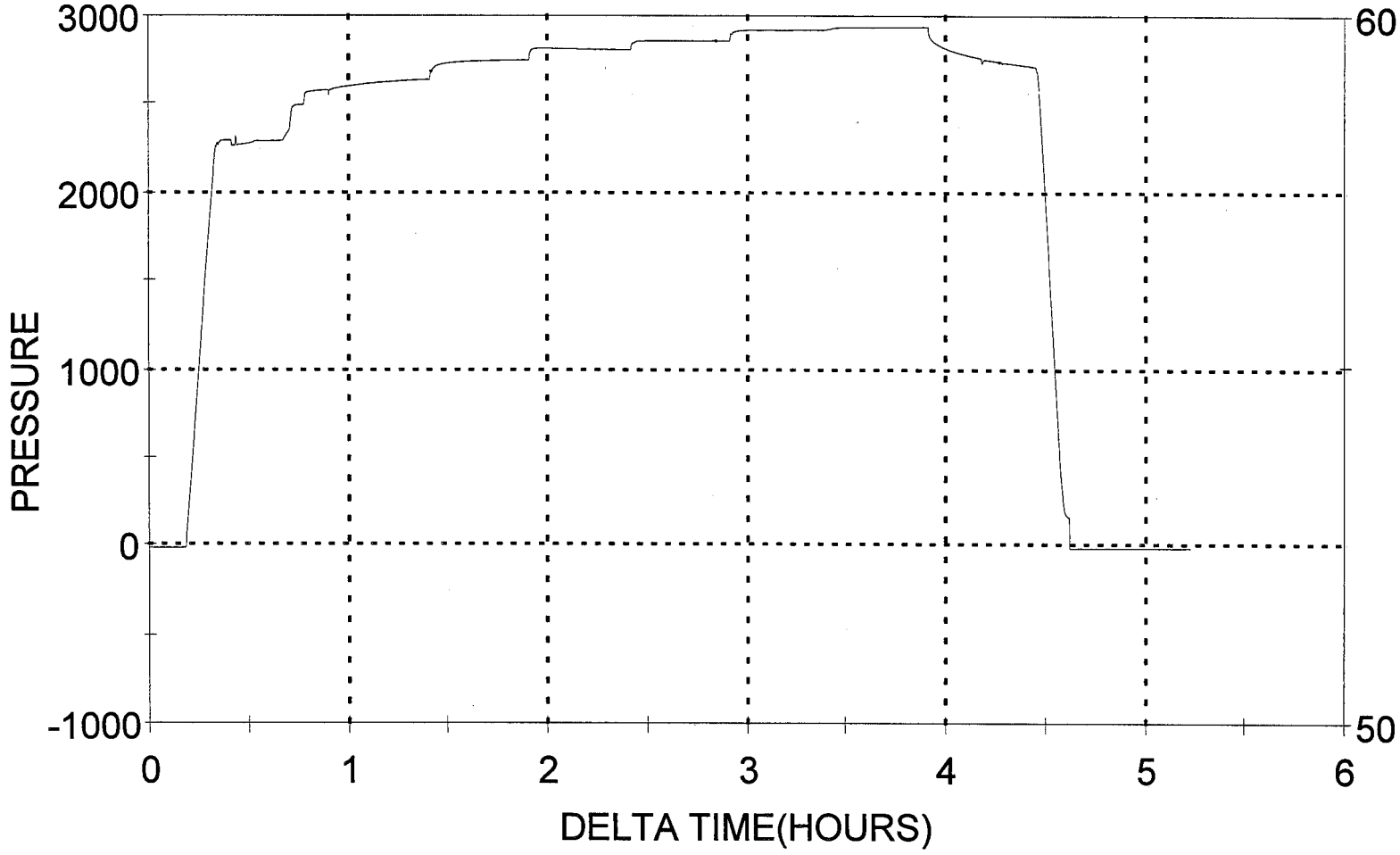
COMMENTS:

WAITED 15 MINUTES BEFORE RIGGING UP TO RETREIVE GAUGES
(15 MINUTES SHUT-IN)

THANK YOU FOR USING PRODUCTION LOGGING SERVICES, INC.

PRESSURE AND TEMPERATURE VS DELTA TIME

Company: J. M. Huber
Location: State 1-35 WIW
Date: 09/19/02
Serial# E1073
Max. Pressure: 2937.059 psig Max. Temperature: 129.644 F



Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:01:00	0.658333	474	2292.930	129.644
09/20/2002 11:01:05	0.659722	475	2292.950	129.640
09/20/2002 11:01:10	0.661111	476	2293.229	129.633
09/20/2002 11:01:15	0.662500	477	2293.430	129.640
09/20/2002 11:01:20	0.663889	478	2293.624	129.637
09/20/2002 11:01:25	0.665278	479	2293.737	129.633
09/20/2002 11:01:30	0.666667	480	2293.950	129.631
09/20/2002 11:01:35	0.668056	481	2294.116	129.638
09/20/2002 11:01:40	0.669444	482	2294.370	129.638
09/20/2002 11:01:45	0.670833	483	2294.561	129.639
09/20/2002 11:01:50	0.672222	484	2294.861	129.639
09/20/2002 11:01:55	0.673611	485	2295.173	129.639
09/20/2002 11:02:00	0.675000	486	2295.788	129.627
09/20/2002 11:02:05	0.676389	487	2298.323	129.631
09/20/2002 11:02:10	0.677778	488	2301.945	129.631
09/20/2002 11:02:15	0.679167	489	2305.069	129.632
09/20/2002 11:02:20	0.680556	490	2307.713	129.636
09/20/2002 11:02:25	0.681944	491	2309.847	129.633
09/20/2002 11:02:30	0.683333	492	2311.850	129.639
09/20/2002 11:02:35	0.684722	493	2314.166	129.637
09/20/2002 11:02:40	0.686111	494	2316.551	129.637
09/20/2002 11:02:45	0.687500	495	2319.044	129.631
09/20/2002 11:02:50	0.688889	496	2321.494	129.616
09/20/2002 11:02:55	0.690278	497	2324.168	129.600
09/20/2002 11:03:00	0.691667	498	2326.693	129.594
09/20/2002 11:03:05	0.693056	499	2329.146	129.579
09/20/2002 11:03:10	0.694444	500	2331.684	129.562
09/20/2002 11:03:15	0.695833	501	2333.999	129.551
09/20/2002 11:03:20	0.697222	502	2336.455	129.527
09/20/2002 11:03:25	0.698611	503	2338.769	129.515
09/20/2002 11:03:30	0.700000	504	2341.015	129.495
09/20/2002 11:03:35	0.701389	505	2343.308	129.480
09/20/2002 11:03:40	0.702778	506	2345.314	129.461
09/20/2002 11:03:45	0.704167	507	2348.459	129.442
09/20/2002 11:03:50	0.705556	508	2352.451	129.421
09/20/2002 11:03:55	0.706944	509	2357.958	129.404
09/20/2002 11:04:00	0.708333	510	2366.883	129.382
09/20/2002 11:04:05	0.709722	511	2381.761	129.359
09/20/2002 11:04:10	0.711111	512	2398.830	129.331
09/20/2002 11:04:15	0.712500	513	2412.061	129.313
09/20/2002 11:04:20	0.713889	514	2425.527	129.279
09/20/2002 11:04:25	0.715278	515	2437.909	129.238
09/20/2002 11:04:30	0.716667	516	2457.094	129.201
09/20/2002 11:04:35	0.718056	517	2470.829	129.147
09/20/2002 11:04:40	0.719444	518	2474.797	129.097
09/20/2002 11:04:45	0.720833	519	2477.329	129.043
09/20/2002 11:04:50	0.722222	520	2481.220	128.978
09/20/2002 11:04:55	0.723611	521	2483.229	128.917

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:05:00	0.725000	522	2484.565	128.860
09/20/2002 11:05:05	0.726389	523	2485.786	128.799
09/20/2002 11:05:10	0.727778	524	2487.192	128.739
09/20/2002 11:05:15	0.729167	525	2487.922	128.679
09/20/2002 11:05:20	0.730556	526	2488.822	128.613
09/20/2002 11:05:25	0.731944	527	2489.533	128.559
09/20/2002 11:05:30	0.733333	528	2490.241	128.496
09/20/2002 11:05:35	0.734722	529	2490.932	128.443
09/20/2002 11:05:40	0.736111	530	2491.437	128.390
09/20/2002 11:05:45	0.737500	531	2491.806	128.339
09/20/2002 11:05:50	0.738889	532	2492.523	128.292
09/20/2002 11:05:55	0.740278	533	2493.065	128.246
09/20/2002 11:06:00	0.741667	534	2493.567	128.191
09/20/2002 11:06:05	0.743056	535	2493.998	128.153
09/20/2002 11:06:10	0.744444	536	2494.293	128.097
09/20/2002 11:06:15	0.745833	537	2494.331	128.065
09/20/2002 11:06:20	0.747222	538	2494.696	128.014
09/20/2002 11:06:25	0.748611	539	2495.149	127.972
09/20/2002 11:06:30	0.750000	540	2495.542	127.934
09/20/2002 11:06:35	0.751389	541	2496.009	127.883
09/20/2002 11:06:40	0.752778	542	2496.087	127.852
09/20/2002 11:06:45	0.754167	543	2496.347	127.818
09/20/2002 11:06:50	0.755556	544	2496.678	127.780
09/20/2002 11:06:55	0.756944	545	2496.869	127.736
09/20/2002 11:07:00	0.758333	546	2497.156	127.708
09/20/2002 11:07:05	0.759722	547	2496.584	127.669
09/20/2002 11:07:10	0.761111	548	2495.382	127.634
09/20/2002 11:07:15	0.762500	549	2495.255	127.592
09/20/2002 11:07:20	0.763889	550	2495.349	127.561
09/20/2002 11:07:25	0.765278	551	2495.530	127.531
09/20/2002 11:07:30	0.766667	552	2495.902	127.500
09/20/2002 11:07:35	0.768056	553	2495.987	127.460
09/20/2002 11:07:40	0.769444	554	2496.148	127.437
09/20/2002 11:07:45	0.770833	555	2496.449	127.403
09/20/2002 11:07:50	0.772222	556	2496.550	127.372
09/20/2002 11:07:55	0.773611	557	2496.795	127.344
09/20/2002 11:08:00	0.775000	558	2497.107	127.313
09/20/2002 11:08:05	0.776389	559	2497.351	127.286
09/20/2002 11:08:10	0.777778	560	2497.439	127.258
09/20/2002 11:08:15	0.779167	561	2497.493	127.222
09/20/2002 11:08:20	0.780556	562	2497.546	127.186
09/20/2002 11:08:25	0.781944	563	2497.517	127.161
09/20/2002 11:08:30	0.783333	564	2531.992	127.134
09/20/2002 11:08:35	0.784722	565	2552.948	127.097
09/20/2002 11:08:40	0.786111	566	2557.777	127.067
09/20/2002 11:08:45	0.787500	567	2560.221	127.014
09/20/2002 11:08:50	0.788889	568	2562.050	126.953
09/20/2002 11:08:55	0.790278	569	2563.610	126.891

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:09:00	0.791667	570	2564.720	126.822
09/20/2002 11:09:05	0.793056	571	2565.331	126.742
09/20/2002 11:09:10	0.794444	572	2565.895	126.669
09/20/2002 11:09:15	0.795833	573	2566.715	126.600
09/20/2002 11:09:20	0.797222	574	2567.288	126.515
09/20/2002 11:09:25	0.798611	575	2567.907	126.447
09/20/2002 11:09:30	0.800000	576	2568.412	126.368
09/20/2002 11:09:35	0.801389	577	2568.767	126.296
09/20/2002 11:09:40	0.802778	578	2569.258	126.224
09/20/2002 11:09:45	0.804167	579	2569.708	126.157
09/20/2002 11:09:50	0.805556	580	2570.234	126.093
09/20/2002 11:09:55	0.806944	581	2570.560	126.026
09/20/2002 11:10:00	0.808333	582	2570.906	125.962
09/20/2002 11:10:05	0.809722	583	2571.194	125.896
09/20/2002 11:10:10	0.811111	584	2571.561	125.839
09/20/2002 11:10:15	0.812500	585	2571.778	125.778
09/20/2002 11:10:20	0.813889	586	2571.991	125.725
09/20/2002 11:10:25	0.815278	587	2572.342	125.665
09/20/2002 11:10:30	0.816667	588	2572.606	125.611
09/20/2002 11:10:35	0.818056	589	2572.875	125.557
09/20/2002 11:10:40	0.819444	590	2573.102	125.511
09/20/2002 11:10:45	0.820833	591	2573.383	125.464
09/20/2002 11:10:50	0.822222	592	2573.513	125.413
09/20/2002 11:10:55	0.823611	593	2573.720	125.365
09/20/2002 11:11:00	0.825000	594	2573.945	125.313
09/20/2002 11:11:05	0.826389	595	2574.053	125.275
09/20/2002 11:11:10	0.827778	596	2574.304	125.226
09/20/2002 11:11:15	0.829167	597	2574.545	125.184
09/20/2002 11:11:20	0.830556	598	2574.762	125.141
09/20/2002 11:11:25	0.831944	599	2574.853	125.102
09/20/2002 11:11:30	0.833333	600	2574.988	125.065
09/20/2002 11:11:35	0.834722	601	2575.149	125.021
09/20/2002 11:11:40	0.836111	602	2575.239	124.985
09/20/2002 11:11:45	0.837500	603	2575.558	124.956
09/20/2002 11:11:50	0.838889	604	2575.484	124.917
09/20/2002 11:11:55	0.840278	605	2575.729	124.882
09/20/2002 11:12:00	0.841667	606	2575.873	124.850
09/20/2002 11:12:05	0.843056	607	2576.104	124.815
09/20/2002 11:12:10	0.844444	608	2576.171	124.786
09/20/2002 11:12:15	0.845833	609	2576.356	124.751
09/20/2002 11:12:20	0.847222	610	2576.443	124.721
09/20/2002 11:12:25	0.848611	611	2576.514	124.696
09/20/2002 11:12:30	0.850000	612	2576.455	124.665
09/20/2002 11:12:35	0.851389	613	2576.885	124.632
09/20/2002 11:12:40	0.852778	614	2577.017	124.610
09/20/2002 11:12:45	0.854167	615	2577.072	124.577
09/20/2002 11:12:50	0.855556	616	2577.176	124.558
09/20/2002 11:12:55	0.856944	617	2577.347	124.527

Company Name: J. M. HUBER
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:13:00	0.858333	618	2577.579	124.506
09/20/2002 11:13:05	0.859722	619	2577.548	124.474
09/20/2002 11:13:10	0.861111	620	2577.769	124.449
09/20/2002 11:13:15	0.862500	621	2577.844	124.433
09/20/2002 11:13:20	0.863889	622	2577.936	124.406
09/20/2002 11:13:25	0.865278	623	2578.153	124.389
09/20/2002 11:13:30	0.866667	624	2578.273	124.364
09/20/2002 11:13:35	0.868056	625	2578.330	124.347
09/20/2002 11:13:40	0.869444	626	2578.283	124.319
09/20/2002 11:13:45	0.870833	627	2578.378	124.307
09/20/2002 11:13:50	0.872222	628	2578.447	124.285
09/20/2002 11:13:55	0.873611	629	2578.567	124.266
09/20/2002 11:14:00	0.875000	630	2578.794	124.248
09/20/2002 11:14:05	0.876389	631	2578.901	124.221
09/20/2002 11:14:10	0.877778	632	2579.030	124.211
09/20/2002 11:14:15	0.879167	633	2579.199	124.195
09/20/2002 11:14:20	0.880556	634	2579.172	124.173
09/20/2002 11:14:25	0.881944	635	2579.429	124.162
09/20/2002 11:14:30	0.883333	636	2579.487	124.145
09/20/2002 11:14:35	0.884722	637	2579.559	124.132
09/20/2002 11:14:40	0.886111	638	2579.653	124.109
09/20/2002 11:14:45	0.887500	639	2579.658	124.093
09/20/2002 11:14:50	0.888889	640	2579.649	124.075
09/20/2002 11:14:55	0.890278	641	2579.961	124.061
09/20/2002 11:15:00	0.891667	642	2579.930	124.039
09/20/2002 11:15:05	0.893056	643	2580.093	124.027
09/20/2002 11:15:10	0.894444	644	2580.219	124.013
09/20/2002 11:15:15	0.895833	645	2580.208	124.001
09/20/2002 11:15:20	0.897222	646	2580.363	123.987
09/20/2002 11:15:25	0.898611	647	2580.371	123.975
09/20/2002 11:15:30	0.900000	648	2580.464	123.956
09/20/2002 11:15:35	0.901389	649	2580.711	123.946
09/20/2002 11:15:40	0.902778	650	2580.677	123.924
09/20/2002 11:15:45	0.904167	651	2580.670	123.916
09/20/2002 11:15:50	0.905556	652	2552.452	123.901
09/20/2002 11:15:55	0.906944	653	2568.396	123.893
09/20/2002 11:16:00	0.908333	654	2575.298	123.876
09/20/2002 11:16:05	0.909722	655	2577.280	123.875
09/20/2002 11:16:10	0.911111	656	2577.869	123.866
09/20/2002 11:16:15	0.912500	657	2578.918	123.861
09/20/2002 11:16:20	0.913889	658	2580.507	123.856
09/20/2002 11:16:25	0.915278	659	2581.594	123.853
09/20/2002 11:16:30	0.916667	660	2582.506	123.844
09/20/2002 11:16:35	0.918056	661	2583.061	123.828
09/20/2002 11:16:40	0.919444	662	2583.064	123.821
09/20/2002 11:16:45	0.920833	663	2583.533	123.813
09/20/2002 11:16:50	0.922222	664	2584.740	123.804
09/20/2002 11:16:55	0.923611	665	2585.333	123.790

Company Name: J. M. RUBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:17:00	0.925000	666	2586.053	123.783
09/20/2002 11:17:05	0.926389	667	2586.784	123.767
09/20/2002 11:17:10	0.927778	668	2586.706	123.756
09/20/2002 11:17:15	0.929167	669	2586.657	123.738
09/20/2002 11:17:20	0.930556	670	2587.697	123.721
09/20/2002 11:17:25	0.931944	671	2587.730	123.713
09/20/2002 11:17:30	0.933333	672	2588.166	123.696
09/20/2002 11:17:35	0.934722	673	2589.208	123.678
09/20/2002 11:17:40	0.936111	674	2589.104	123.663
09/20/2002 11:17:45	0.937500	675	2588.624	123.643
09/20/2002 11:17:50	0.938889	676	2588.950	123.627
09/20/2002 11:17:55	0.940278	677	2589.536	123.612
09/20/2002 11:18:00	0.941667	678	2589.837	123.595
09/20/2002 11:18:05	0.943056	679	2590.844	123.580
09/20/2002 11:18:10	0.944444	680	2590.971	123.569
09/20/2002 11:18:15	0.945833	681	2590.810	123.545
09/20/2002 11:18:20	0.947222	682	2590.777	123.531
09/20/2002 11:18:25	0.948611	683	2591.713	123.515
09/20/2002 11:18:30	0.950000	684	2591.728	123.498
09/20/2002 11:18:35	0.951389	685	2592.178	123.490
09/20/2002 11:18:40	0.952778	686	2593.689	123.467
09/20/2002 11:18:45	0.954167	687	2593.644	123.452
09/20/2002 11:18:50	0.955556	688	2593.387	123.432
09/20/2002 11:18:55	0.956944	689	2593.305	123.420
09/20/2002 11:19:00	0.958333	690	2593.596	123.402
09/20/2002 11:19:05	0.959722	691	2593.600	123.385
09/20/2002 11:19:10	0.961111	692	2594.026	123.368
09/20/2002 11:19:15	0.962500	693	2595.387	123.353
09/20/2002 11:19:20	0.963889	694	2595.347	123.335
09/20/2002 11:19:25	0.965278	695	2595.138	123.318
09/20/2002 11:19:30	0.966667	696	2595.097	123.301
09/20/2002 11:19:35	0.968056	697	2595.469	123.294
09/20/2002 11:19:40	0.969444	698	2595.557	123.269
09/20/2002 11:19:45	0.970833	699	2595.979	123.252
09/20/2002 11:19:50	0.972222	700	2597.391	123.237
09/20/2002 11:19:55	0.973611	701	2597.362	123.221
09/20/2002 11:20:00	0.975000	702	2597.158	123.205
09/20/2002 11:20:05	0.976389	703	2597.059	123.186
09/20/2002 11:20:10	0.977778	704	2597.407	123.174
09/20/2002 11:20:15	0.979167	705	2597.691	123.153
09/20/2002 11:20:20	0.980556	706	2597.979	123.141
09/20/2002 11:20:25	0.981944	707	2599.470	123.116
09/20/2002 11:20:30	0.983333	708	2599.489	123.108
09/20/2002 11:20:35	0.984722	709	2599.257	123.090
09/20/2002 11:20:40	0.986111	710	2598.706	123.077
09/20/2002 11:20:45	0.987500	711	2598.860	123.066
09/20/2002 11:20:50	0.988889	712	2599.115	123.044
09/20/2002 11:20:55	0.990278	713	2599.380	123.029

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:21:00	0.991667	714	2600.046	123.005
09/20/2002 11:21:05	0.993056	715	2600.530	122.993
09/20/2002 11:21:10	0.994444	716	2600.430	122.982
09/20/2002 11:21:15	0.995833	717	2600.076	122.963
09/20/2002 11:21:20	0.997222	718	2600.115	122.948
09/20/2002 11:21:25	0.998611	719	2600.514	122.932
09/20/2002 11:21:30	1.000000	720	2600.639	122.910
09/20/2002 11:21:35	1.001389	721	2601.040	122.891
09/20/2002 11:21:40	1.002778	722	2602.314	122.877
09/20/2002 11:21:45	1.004167	723	2602.298	122.857
09/20/2002 11:21:50	1.005556	724	2602.127	122.845
09/20/2002 11:21:55	1.006944	725	2602.006	122.828
09/20/2002 11:22:00	1.008333	726	2602.206	122.819
09/20/2002 11:22:05	1.009722	727	2602.580	122.799
09/20/2002 11:22:10	1.011111	728	2602.908	122.784
09/20/2002 11:22:15	1.012500	729	2604.162	122.767
09/20/2002 11:22:20	1.013889	730	2604.174	122.750
09/20/2002 11:22:25	1.015278	731	2604.012	122.731
09/20/2002 11:22:30	1.016667	732	2603.543	122.716
09/20/2002 11:22:35	1.018056	733	2603.572	122.706
09/20/2002 11:22:40	1.019444	734	2603.941	122.688
09/20/2002 11:22:45	1.020833	735	2604.225	122.668
09/20/2002 11:22:50	1.022222	736	2604.618	122.653
09/20/2002 11:22:55	1.023611	737	2605.611	122.639
09/20/2002 11:23:00	1.025000	738	2605.575	122.623
09/20/2002 11:23:05	1.026389	739	2605.358	122.601
09/20/2002 11:23:10	1.027778	740	2604.964	122.588
09/20/2002 11:23:15	1.029167	741	2604.960	122.574
09/20/2002 11:23:20	1.030556	742	2605.302	122.558
09/20/2002 11:23:25	1.031944	743	2605.707	122.543
09/20/2002 11:23:30	1.033333	744	2606.684	122.529
09/20/2002 11:23:35	1.034722	745	2607.088	122.521
09/20/2002 11:23:40	1.036111	746	2606.982	122.497
09/20/2002 11:23:45	1.037500	747	2606.773	122.480
09/20/2002 11:23:50	1.038889	748	2606.675	122.467
09/20/2002 11:23:55	1.040278	749	2606.731	122.452
09/20/2002 11:24:00	1.041667	750	2607.283	122.442
09/20/2002 11:24:05	1.043056	751	2607.649	122.424
09/20/2002 11:24:10	1.044444	752	2608.658	122.407
09/20/2002 11:24:15	1.045833	753	2609.015	122.385
09/20/2002 11:24:20	1.047222	754	2608.931	122.377
09/20/2002 11:24:25	1.048611	755	2608.339	122.353
09/20/2002 11:24:30	1.050000	756	2608.345	122.345
09/20/2002 11:24:35	1.051389	757	2608.354	122.328
09/20/2002 11:24:40	1.052778	758	2609.063	122.315
09/20/2002 11:24:45	1.054167	759	2609.319	122.293
09/20/2002 11:24:50	1.055556	760	2610.242	122.277
09/20/2002 11:24:55	1.056944	761	2610.553	122.266

Company Name: J. M. [illegible]UBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:25:00	1.058333	762	2610.425	122.252
09/20/2002 11:25:05	1.059722	763	2609.991	122.231
09/20/2002 11:25:10	1.061111	764	2609.940	122.219
09/20/2002 11:25:15	1.062500	765	2609.951	122.201
09/20/2002 11:25:20	1.063889	766	2610.656	122.187
09/20/2002 11:25:25	1.065278	767	2610.919	122.178
09/20/2002 11:25:30	1.066667	768	2612.254	122.159
09/20/2002 11:25:35	1.068056	769	2612.262	122.142
09/20/2002 11:25:40	1.069444	770	2612.115	122.123
09/20/2002 11:25:45	1.070833	771	2611.596	122.114
09/20/2002 11:25:50	1.072222	772	2611.581	122.096
09/20/2002 11:25:55	1.073611	773	2611.638	122.086
09/20/2002 11:26:00	1.075000	774	2612.437	122.067
09/20/2002 11:26:05	1.076389	775	2612.802	122.054
09/20/2002 11:26:10	1.077778	776	2613.852	122.032
09/20/2002 11:26:15	1.079167	777	2613.910	122.027
09/20/2002 11:26:20	1.080556	778	2613.751	122.009
09/20/2002 11:26:25	1.081944	779	2613.130	121.991
09/20/2002 11:26:30	1.083333	780	2613.062	121.975
09/20/2002 11:26:35	1.084722	781	2613.065	121.963
09/20/2002 11:26:40	1.086111	782	2613.741	121.954
09/20/2002 11:26:45	1.087500	783	2613.944	121.937
09/20/2002 11:26:50	1.088889	784	2614.728	121.921
09/20/2002 11:26:55	1.090278	785	2614.999	121.900
09/20/2002 11:27:00	1.091667	786	2614.918	121.895
09/20/2002 11:27:05	1.093056	787	2614.399	121.872
09/20/2002 11:27:10	1.094444	788	2614.305	121.867
09/20/2002 11:27:15	1.095833	789	2614.265	121.848
09/20/2002 11:27:20	1.097222	790	2614.743	121.834
09/20/2002 11:27:25	1.098611	791	2615.051	121.826
09/20/2002 11:27:30	1.100000	792	2616.191	121.806
09/20/2002 11:27:35	1.101389	793	2616.544	121.793
09/20/2002 11:27:40	1.102778	794	2616.494	121.783
09/20/2002 11:27:45	1.104167	795	2616.245	121.761
09/20/2002 11:27:50	1.105556	796	2615.839	121.747
09/20/2002 11:27:55	1.106944	797	2615.800	121.733
09/20/2002 11:28:00	1.108333	798	2616.041	121.716
09/20/2002 11:28:05	1.109722	799	2616.566	121.711
09/20/2002 11:28:10	1.111111	800	2617.124	121.692
09/20/2002 11:28:15	1.112500	801	2618.050	121.677
09/20/2002 11:28:20	1.113889	802	2618.074	121.664
09/20/2002 11:28:25	1.115278	803	2617.872	121.651
09/20/2002 11:28:30	1.116667	804	2617.300	121.634
09/20/2002 11:28:35	1.118056	805	2617.263	121.622
09/20/2002 11:28:40	1.119444	806	2617.285	121.607
09/20/2002 11:28:45	1.120833	807	2617.821	121.587
09/20/2002 11:28:50	1.122222	808	2618.154	121.576
09/20/2002 11:28:55	1.123611	809	2618.985	121.553

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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:29:00	1.125000	810	2619.066	121.549
09/20/2002 11:29:05	1.126389	811	2618.948	121.530
09/20/2002 11:29:10	1.127778	812	2618.496	121.515
09/20/2002 11:29:15	1.129167	813	2618.399	121.500
09/20/2002 11:29:20	1.130556	814	2618.324	121.488
09/20/2002 11:29:25	1.131944	815	2618.677	121.472
09/20/2002 11:29:30	1.133333	816	2619.054	121.455
09/20/2002 11:29:35	1.134722	817	2619.989	121.442
09/20/2002 11:29:40	1.136111	818	2620.362	121.426
09/20/2002 11:29:45	1.137500	819	2620.359	121.417
09/20/2002 11:29:50	1.138889	820	2620.131	121.402
09/20/2002 11:29:55	1.140278	821	2619.545	121.386
09/20/2002 11:30:00	1.141667	822	2619.533	121.375
09/20/2002 11:30:05	1.143056	823	2619.722	121.360
09/20/2002 11:30:10	1.144444	824	2620.352	121.349
09/20/2002 11:30:15	1.145833	825	2620.639	121.332
09/20/2002 11:30:20	1.147222	826	2621.671	121.320
09/20/2002 11:30:25	1.148611	827	2621.697	121.308
09/20/2002 11:30:30	1.150000	828	2621.551	121.288
09/20/2002 11:30:35	1.151389	829	2620.933	121.280
09/20/2002 11:30:40	1.152778	830	2620.831	121.264
09/20/2002 11:30:45	1.154167	831	2620.798	121.254
09/20/2002 11:30:50	1.155556	832	2621.099	121.233
09/20/2002 11:30:55	1.156944	833	2621.346	121.224
09/20/2002 11:31:00	1.158333	834	2622.092	121.209
09/20/2002 11:31:05	1.159722	835	2622.822	121.202
09/20/2002 11:31:10	1.161111	836	2622.804	121.183
09/20/2002 11:31:15	1.162500	837	2622.620	121.168
09/20/2002 11:31:20	1.163889	838	2621.844	121.157
09/20/2002 11:31:25	1.165278	839	2621.753	121.142
09/20/2002 11:31:30	1.166667	840	2621.724	121.124
09/20/2002 11:31:35	1.168056	841	2622.246	121.116
09/20/2002 11:31:40	1.169444	842	2622.656	121.106
09/20/2002 11:31:45	1.170833	843	2623.292	121.089
09/20/2002 11:31:50	1.172222	844	2624.129	121.073
09/20/2002 11:31:55	1.173611	845	2624.124	121.064
09/20/2002 11:32:00	1.175000	846	2623.926	121.047
09/20/2002 11:32:05	1.176389	847	2623.403	121.034
09/20/2002 11:32:10	1.177778	848	2623.363	121.027
09/20/2002 11:32:15	1.179167	849	2623.332	121.006
09/20/2002 11:32:20	1.180556	850	2623.870	120.994
09/20/2002 11:32:25	1.181944	851	2624.189	120.981
09/20/2002 11:32:30	1.183333	852	2625.093	120.969
09/20/2002 11:32:35	1.184722	853	2625.537	120.956
09/20/2002 11:32:40	1.186111	854	2625.507	120.938
09/20/2002 11:32:45	1.187500	855	2625.297	120.927
09/20/2002 11:32:50	1.188889	856	2624.571	120.915
09/20/2002 11:32:55	1.190278	857	2624.470	120.901

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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:33:00	1.191667	858	2624.487	120.894
09/20/2002 11:33:05	1.193056	859	2624.792	120.873
09/20/2002 11:33:10	1.194444	860	2625.136	120.859
09/20/2002 11:33:15	1.195833	861	2625.745	120.849
09/20/2002 11:33:20	1.197222	862	2626.258	120.832
09/20/2002 11:33:25	1.198611	863	2626.283	120.827
09/20/2002 11:33:30	1.200000	864	2626.133	120.810
09/20/2002 11:33:35	1.201389	865	2625.455	120.801
09/20/2002 11:33:40	1.202778	866	2625.370	120.784
09/20/2002 11:33:45	1.204167	867	2625.317	120.772
09/20/2002 11:33:50	1.205556	868	2625.368	120.761
09/20/2002 11:33:55	1.206944	869	2625.724	120.743
09/20/2002 11:34:00	1.208333	870	2626.269	120.730
09/20/2002 11:34:05	1.209722	871	2627.361	120.719
09/20/2002 11:34:10	1.211111	872	2627.403	120.707
09/20/2002 11:34:15	1.212500	873	2627.333	120.695
09/20/2002 11:34:20	1.213889	874	2627.097	120.679
09/20/2002 11:34:25	1.215278	875	2626.486	120.671
09/20/2002 11:34:30	1.216667	876	2626.433	120.655
09/20/2002 11:34:35	1.218056	877	2626.473	120.646
09/20/2002 11:34:40	1.219444	878	2627.040	120.626
09/20/2002 11:34:45	1.220833	879	2627.405	120.621
09/20/2002 11:34:50	1.222222	880	2628.297	120.608
09/20/2002 11:34:55	1.223611	881	2628.785	120.588
09/20/2002 11:35:00	1.225000	882	2628.742	120.575
09/20/2002 11:35:05	1.226389	883	2628.513	120.565
09/20/2002 11:35:10	1.227778	884	2627.581	120.552
09/20/2002 11:35:15	1.229167	885	2627.500	120.542
09/20/2002 11:35:20	1.230556	886	2627.458	120.530
09/20/2002 11:35:25	1.231944	887	2627.688	120.510
09/20/2002 11:35:30	1.233333	888	2628.063	120.500
09/20/2002 11:35:35	1.234722	889	2628.682	120.489
09/20/2002 11:35:40	1.236111	890	2629.384	120.479
09/20/2002 11:35:45	1.237500	891	2629.418	120.466
09/20/2002 11:35:50	1.238889	892	2629.287	120.454
09/20/2002 11:35:55	1.240278	893	2628.712	120.443
09/20/2002 11:36:00	1.241667	894	2628.392	120.434
09/20/2002 11:36:05	1.243056	895	2628.339	120.417
09/20/2002 11:36:10	1.244444	896	2628.414	120.408
09/20/2002 11:36:15	1.245833	897	2628.901	120.386
09/20/2002 11:36:20	1.247222	898	2629.485	120.382
09/20/2002 11:36:25	1.248611	899	2630.425	120.366
09/20/2002 11:36:30	1.250000	900	2630.458	120.355
09/20/2002 11:36:35	1.251389	901	2630.362	120.343
09/20/2002 11:36:40	1.252778	902	2630.141	120.332
09/20/2002 11:36:45	1.254167	903	2629.458	120.326
09/20/2002 11:36:50	1.255556	904	2629.390	120.307
09/20/2002 11:36:55	1.256944	905	2629.438	120.284

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09/20/2002 11:37:00	1.258333	906	2630.160	120.281
09/20/2002 11:37:05	1.259722	907	2630.320	120.263
09/20/2002 11:37:10	1.261111	908	2631.205	120.249
09/20/2002 11:37:15	1.262500	909	2631.663	120.238
09/20/2002 11:37:20	1.263889	910	2631.647	120.227
09/20/2002 11:37:25	1.265278	911	2631.428	120.214
09/20/2002 11:37:30	1.266667	912	2630.563	120.201
09/20/2002 11:37:35	1.268056	913	2630.485	120.189
09/20/2002 11:37:40	1.269444	914	2630.468	120.174
09/20/2002 11:37:45	1.270833	915	2630.836	120.164
09/20/2002 11:37:50	1.272222	916	2631.255	120.160
09/20/2002 11:37:55	1.273611	917	2631.785	120.136
09/20/2002 11:38:00	1.275000	918	2632.343	120.126
09/20/2002 11:38:05	1.276389	919	2632.371	120.116
09/20/2002 11:38:10	1.277778	920	2632.259	120.106
09/20/2002 11:38:15	1.279167	921	2631.635	120.092
09/20/2002 11:38:20	1.280556	922	2631.372	120.080
09/20/2002 11:38:25	1.281944	923	2631.309	120.069
09/20/2002 11:38:30	1.283333	924	2631.306	120.050
09/20/2002 11:38:35	1.284722	925	2631.763	120.039
09/20/2002 11:38:40	1.286111	926	2631.910	120.030
09/20/2002 11:38:45	1.287500	927	2633.041	120.016
09/20/2002 11:38:50	1.288889	928	2633.403	120.003
09/20/2002 11:38:55	1.290278	929	2633.388	119.992
09/20/2002 11:39:00	1.291667	930	2633.197	119.984
09/20/2002 11:39:05	1.293056	931	2632.381	119.969
09/20/2002 11:39:10	1.294444	932	2632.278	119.958
09/20/2002 11:39:15	1.295833	933	2632.229	119.947
09/20/2002 11:39:20	1.297222	934	2632.433	119.933
09/20/2002 11:39:25	1.298611	935	2632.901	119.926
09/20/2002 11:39:30	1.300000	936	2633.194	119.911
09/20/2002 11:39:35	1.301389	937	2634.119	119.906
09/20/2002 11:39:40	1.302778	938	2634.332	119.887
09/20/2002 11:39:45	1.304167	939	2634.282	119.877
09/20/2002 11:39:50	1.305556	940	2634.031	119.866
09/20/2002 11:39:55	1.306944	941	2633.238	119.855
09/20/2002 11:40:00	1.308333	942	2633.148	119.844
09/20/2002 11:40:05	1.309722	943	2633.097	119.826
09/20/2002 11:40:10	1.311111	944	2633.470	119.813
09/20/2002 11:40:15	1.312500	945	2633.583	119.803
09/20/2002 11:40:20	1.313889	946	2634.303	119.795
09/20/2002 11:40:25	1.315278	947	2634.782	119.778
09/20/2002 11:40:30	1.316667	948	2634.810	119.768
09/20/2002 11:40:35	1.318056	949	2634.696	119.755
09/20/2002 11:40:40	1.319444	950	2634.470	119.749
09/20/2002 11:40:45	1.320833	951	2633.689	119.731
09/20/2002 11:40:50	1.322222	952	2633.596	119.719
09/20/2002 11:40:55	1.323611	953	2633.576	119.707

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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:41:00	1.325000	954	2634.017	119.697
09/20/2002 11:41:05	1.326389	955	2634.312	119.686
09/20/2002 11:41:10	1.327778	956	2635.083	119.677
09/20/2002 11:41:15	1.329167	957	2635.842	119.666
09/20/2002 11:41:20	1.330556	958	2635.835	119.652
09/20/2002 11:41:25	1.331944	959	2635.736	119.644
09/20/2002 11:41:30	1.333333	960	2635.195	119.631
09/20/2002 11:41:35	1.334722	961	2634.818	119.623
09/20/2002 11:41:40	1.336111	962	2634.697	119.603
09/20/2002 11:41:45	1.337500	963	2634.720	119.591
09/20/2002 11:41:50	1.338889	964	2635.191	119.585
09/20/2002 11:41:55	1.340278	965	2635.533	119.567
09/20/2002 11:42:00	1.341667	966	2636.180	119.565
09/20/2002 11:42:05	1.343056	967	2636.761	119.545
09/20/2002 11:42:10	1.344444	968	2636.794	119.540
09/20/2002 11:42:15	1.345833	969	2636.649	119.527
09/20/2002 11:42:20	1.347222	970	2635.919	119.514
09/20/2002 11:42:25	1.348611	971	2635.689	119.505
09/20/2002 11:42:30	1.350000	972	2635.615	119.496
09/20/2002 11:42:35	1.351389	973	2635.610	119.484
09/20/2002 11:42:40	1.352778	974	2635.909	119.468
09/20/2002 11:42:45	1.354167	975	2636.178	119.460
09/20/2002 11:42:50	1.355556	976	2636.896	119.446
09/20/2002 11:42:55	1.356944	977	2637.301	119.436
09/20/2002 11:43:00	1.358333	978	2637.314	119.421
09/20/2002 11:43:05	1.359722	979	2637.222	119.410
09/20/2002 11:43:10	1.361111	980	2636.965	119.397
09/20/2002 11:43:15	1.362500	981	2636.069	119.388
09/20/2002 11:43:20	1.363889	982	2636.000	119.377
09/20/2002 11:43:25	1.365278	983	2635.996	119.364
09/20/2002 11:43:30	1.366667	984	2636.413	119.353
09/20/2002 11:43:35	1.368056	985	2636.759	119.341
09/20/2002 11:43:40	1.369444	986	2637.357	119.325
09/20/2002 11:43:45	1.370833	987	2638.146	119.313
09/20/2002 11:43:50	1.372222	988	2638.205	119.308
09/20/2002 11:43:55	1.373611	989	2638.120	119.296
09/20/2002 11:44:00	1.375000	990	2637.854	119.283
09/20/2002 11:44:05	1.376389	991	2636.914	119.269
09/20/2002 11:44:10	1.377778	992	2636.840	119.263
09/20/2002 11:44:15	1.379167	993	2636.816	119.253
09/20/2002 11:44:20	1.380556	994	2637.115	119.239
09/20/2002 11:44:25	1.381944	995	2637.581	119.230
09/20/2002 11:44:30	1.383333	996	2637.991	119.221
09/20/2002 11:44:35	1.384722	997	2638.962	119.212
09/20/2002 11:44:40	1.386111	998	2639.253	119.193
09/20/2002 11:44:45	1.387500	999	2639.229	119.192
09/20/2002 11:44:50	1.388889	1000	2638.964	119.177
09/20/2002 11:44:55	1.390278	1001	2638.085	119.166

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09/20/2002 11:45:00	1.391667	1002	2637.975	119.154
09/20/2002 11:45:05	1.393056	1003	2637.889	119.139
09/20/2002 11:45:10	1.394444	1004	2637.971	119.134
09/20/2002 11:45:15	1.395833	1005	2638.426	119.119
09/20/2002 11:45:20	1.397222	1006	2638.865	119.112
09/20/2002 11:45:25	1.398611	1007	2639.567	119.098
09/20/2002 11:45:30	1.400000	1008	2639.697	119.086
09/20/2002 11:45:35	1.401389	1009	2639.692	119.075
09/20/2002 11:45:40	1.402778	1010	2639.521	119.066
09/20/2002 11:45:45	1.404167	1011	2638.738	119.050
09/20/2002 11:45:50	1.405556	1012	2638.525	119.043
09/20/2002 11:45:55	1.406944	1013	2638.440	119.029
09/20/2002 11:46:00	1.408333	1014	2638.479	119.019
09/20/2002 11:46:05	1.409722	1015	2650.255	119.012
09/20/2002 11:46:10	1.411111	1016	2656.217	119.006
09/20/2002 11:46:15	1.412500	1017	2667.875	118.984
09/20/2002 11:46:20	1.413889	1018	2672.730	118.972
09/20/2002 11:46:25	1.415278	1019	2677.907	118.946
09/20/2002 11:46:30	1.416667	1020	2681.521	118.919
09/20/2002 11:46:35	1.418056	1021	2684.916	118.878
09/20/2002 11:46:40	1.419444	1022	2686.894	118.832
09/20/2002 11:46:45	1.420833	1023	2691.830	118.782
09/20/2002 11:46:50	1.422222	1024	2694.433	118.724
09/20/2002 11:46:55	1.423611	1025	2696.758	118.658
09/20/2002 11:47:00	1.425000	1026	2697.465	118.589
09/20/2002 11:47:05	1.426389	1027	2699.865	118.521
09/20/2002 11:47:10	1.427778	1028	2702.263	118.440
09/20/2002 11:47:15	1.429167	1029	2704.424	118.368
09/20/2002 11:47:20	1.430556	1030	2705.667	118.293
09/20/2002 11:47:25	1.431944	1031	2707.275	118.209
09/20/2002 11:47:30	1.433333	1032	2709.094	118.133
09/20/2002 11:47:35	1.434722	1033	2710.385	118.051
09/20/2002 11:47:40	1.436111	1034	2711.336	117.972
09/20/2002 11:47:45	1.437500	1035	2712.232	117.893
09/20/2002 11:47:50	1.438889	1036	2713.038	117.816
09/20/2002 11:47:55	1.440278	1037	2714.632	117.742
09/20/2002 11:48:00	1.441667	1038	2715.606	117.667
09/20/2002 11:48:05	1.443056	1039	2716.297	117.588
09/20/2002 11:48:10	1.444444	1040	2716.287	117.523
09/20/2002 11:48:15	1.445833	1041	2717.133	117.447
09/20/2002 11:48:20	1.447222	1042	2718.384	117.377
09/20/2002 11:48:25	1.448611	1043	2719.225	117.311
09/20/2002 11:48:30	1.450000	1044	2719.746	117.245
09/20/2002 11:48:35	1.451389	1045	2719.665	117.175
09/20/2002 11:48:40	1.452778	1046	2720.020	117.110
09/20/2002 11:48:45	1.454167	1047	2720.807	117.051
09/20/2002 11:48:50	1.455556	1048	2721.901	116.986
09/20/2002 11:48:55	1.456944	1049	2722.351	116.925

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:49:00	1.458333	1050	2722.812	116.865
09/20/2002 11:49:05	1.459722	1051	2722.758	116.805
09/20/2002 11:49:10	1.461111	1052	2723.171	116.757
09/20/2002 11:49:15	1.462500	1053	2723.701	116.692
09/20/2002 11:49:20	1.463889	1054	2724.375	116.645
09/20/2002 11:49:25	1.465278	1055	2724.983	116.588
09/20/2002 11:49:30	1.466667	1056	2725.012	116.537
09/20/2002 11:49:35	1.468056	1057	2724.980	116.484
09/20/2002 11:49:40	1.469444	1058	2725.027	116.432
09/20/2002 11:49:45	1.470833	1059	2726.048	116.387
09/20/2002 11:49:50	1.472222	1060	2726.515	116.344
09/20/2002 11:49:55	1.473611	1061	2727.124	116.296
09/20/2002 11:50:00	1.475000	1062	2727.109	116.254
09/20/2002 11:50:05	1.476389	1063	2727.080	116.206
09/20/2002 11:50:10	1.477778	1064	2727.134	116.161
09/20/2002 11:50:15	1.479167	1065	2728.074	116.122
09/20/2002 11:50:20	1.480556	1066	2728.383	116.082
09/20/2002 11:50:25	1.481944	1067	2728.465	116.042
09/20/2002 11:50:30	1.483333	1068	2728.459	116.005
09/20/2002 11:50:35	1.484722	1069	2728.446	115.960
09/20/2002 11:50:40	1.486111	1070	2728.865	115.923
09/20/2002 11:50:45	1.487500	1071	2729.517	115.891
09/20/2002 11:50:50	1.488889	1072	2729.802	115.848
09/20/2002 11:50:55	1.490278	1073	2729.851	115.812
09/20/2002 11:51:00	1.491667	1074	2729.781	115.777
09/20/2002 11:51:05	1.493056	1075	2729.765	115.740
09/20/2002 11:51:10	1.494444	1076	2729.844	115.708
09/20/2002 11:51:15	1.495833	1077	2730.568	115.682
09/20/2002 11:51:20	1.497222	1078	2730.931	115.640
09/20/2002 11:51:25	1.498611	1079	2731.165	115.608
09/20/2002 11:51:30	1.500000	1080	2731.129	115.579
09/20/2002 11:51:35	1.501389	1081	2731.097	115.543
09/20/2002 11:51:40	1.502778	1082	2731.188	115.518
09/20/2002 11:51:45	1.504167	1083	2731.766	115.490
09/20/2002 11:51:50	1.505556	1084	2732.113	115.460
09/20/2002 11:51:55	1.506944	1085	2732.374	115.429
09/20/2002 11:52:00	1.508333	1086	2732.346	115.400
09/20/2002 11:52:05	1.509722	1087	2732.361	115.375
09/20/2002 11:52:10	1.511111	1088	2732.428	115.347
09/20/2002 11:52:15	1.512500	1089	2733.052	115.320
09/20/2002 11:52:20	1.513889	1090	2733.267	115.285
09/20/2002 11:52:25	1.515278	1091	2733.374	115.262
09/20/2002 11:52:30	1.516667	1092	2733.347	115.230
09/20/2002 11:52:35	1.518056	1093	2733.406	115.209
09/20/2002 11:52:40	1.519444	1094	2733.531	115.181
09/20/2002 11:52:45	1.520833	1095	2734.397	115.156
09/20/2002 11:52:50	1.522222	1096	2734.678	115.128
09/20/2002 11:52:55	1.523611	1097	2734.769	115.106

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:53:00	1.525000	1098	2734.702	115.071
09/20/2002 11:53:05	1.526389	1099	2734.729	115.047
09/20/2002 11:53:10	1.527778	1100	2734.808	115.020
09/20/2002 11:53:15	1.529167	1101	2735.472	114.998
09/20/2002 11:53:20	1.530556	1102	2735.708	114.976
09/20/2002 11:53:25	1.531944	1103	2735.759	114.946
09/20/2002 11:53:30	1.533333	1104	2735.745	114.925
09/20/2002 11:53:35	1.534722	1105	2735.706	114.891
09/20/2002 11:53:40	1.536111	1106	2735.831	114.870
09/20/2002 11:53:45	1.537500	1107	2736.379	114.846
09/20/2002 11:53:50	1.538889	1108	2736.582	114.819
09/20/2002 11:53:55	1.540278	1109	2736.672	114.797
09/20/2002 11:54:00	1.541667	1110	2736.620	114.772
09/20/2002 11:54:05	1.543056	1111	2736.636	114.745
09/20/2002 11:54:10	1.544444	1112	2736.767	114.722
09/20/2002 11:54:15	1.545833	1113	2737.407	114.703
09/20/2002 11:54:20	1.547222	1114	2737.470	114.675
09/20/2002 11:54:25	1.548611	1115	2737.544	114.657
09/20/2002 11:54:30	1.550000	1116	2737.519	114.635
09/20/2002 11:54:35	1.551389	1117	2737.512	114.603
09/20/2002 11:54:40	1.552778	1118	2737.944	114.587
09/20/2002 11:54:45	1.554167	1119	2738.237	114.565
09/20/2002 11:54:50	1.555556	1120	2738.500	114.550
09/20/2002 11:54:55	1.556944	1121	2738.467	114.514
09/20/2002 11:55:00	1.558333	1122	2738.440	114.497
09/20/2002 11:55:05	1.559722	1123	2738.454	114.478
09/20/2002 11:55:10	1.561111	1124	2738.821	114.455
09/20/2002 11:55:15	1.562500	1125	2738.865	114.434
09/20/2002 11:55:20	1.563889	1126	2739.277	114.412
09/20/2002 11:55:25	1.565278	1127	2739.236	114.389
09/20/2002 11:55:30	1.566667	1128	2739.129	114.365
09/20/2002 11:55:35	1.568056	1129	2739.088	114.340
09/20/2002 11:55:40	1.569444	1130	2739.121	114.320
09/20/2002 11:55:45	1.570833	1131	2739.344	114.306
09/20/2002 11:55:50	1.572222	1132	2739.585	114.278
09/20/2002 11:55:55	1.573611	1133	2739.633	114.262
09/20/2002 11:56:00	1.575000	1134	2739.539	114.237
09/20/2002 11:56:05	1.576389	1135	2739.528	114.213
09/20/2002 11:56:10	1.577778	1136	2739.647	114.186
09/20/2002 11:56:15	1.579167	1137	2739.941	114.173
09/20/2002 11:56:20	1.580556	1138	2740.000	114.152
09/20/2002 11:56:25	1.581944	1139	2740.044	114.130
09/20/2002 11:56:30	1.583333	1140	2739.970	114.111
09/20/2002 11:56:35	1.584722	1141	2739.942	114.089
09/20/2002 11:56:40	1.586111	1142	2740.003	114.070
09/20/2002 11:56:45	1.587500	1143	2740.293	114.053
09/20/2002 11:56:50	1.588889	1144	2740.507	114.036
09/20/2002 11:56:55	1.590278	1145	2740.577	114.020

Company Name: J. M. [illegible]UBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 11:57:00	1.591667	1146	2740.504	114.005
09/20/2002 11:57:05	1.593056	1147	2740.474	113.982
09/20/2002 11:57:10	1.594444	1148	2740.505	113.963
09/20/2002 11:57:15	1.595833	1149	2740.561	113.942
09/20/2002 11:57:20	1.597222	1150	2740.809	113.922
09/20/2002 11:57:25	1.598611	1151	2740.924	113.912
09/20/2002 11:57:30	1.600000	1152	2740.857	113.887
09/20/2002 11:57:35	1.601389	1153	2740.819	113.871
09/20/2002 11:57:40	1.602778	1154	2740.862	113.851
09/20/2002 11:57:45	1.604167	1155	2741.077	113.829
09/20/2002 11:57:50	1.605556	1156	2741.132	113.814
09/20/2002 11:57:55	1.606944	1157	2741.210	113.789
09/20/2002 11:58:00	1.608333	1158	2741.215	113.774
09/20/2002 11:58:05	1.609722	1159	2741.193	113.747
09/20/2002 11:58:10	1.611111	1160	2741.258	113.736
09/20/2002 11:58:15	1.612500	1161	2741.570	113.713
09/20/2002 11:58:20	1.613889	1162	2741.679	113.695
09/20/2002 11:58:25	1.615278	1163	2741.762	113.675
09/20/2002 11:58:30	1.616667	1164	2741.723	113.656
09/20/2002 11:58:35	1.618056	1165	2741.683	113.646
09/20/2002 11:58:40	1.619444	1166	2741.672	113.626
09/20/2002 11:58:45	1.620833	1167	2741.724	113.607
09/20/2002 11:58:50	1.622222	1168	2742.003	113.583
09/20/2002 11:58:55	1.623611	1169	2742.092	113.571
09/20/2002 11:59:00	1.625000	1170	2742.121	113.550
09/20/2002 11:59:05	1.626389	1171	2742.069	113.530
09/20/2002 11:59:10	1.627778	1172	2742.043	113.510
09/20/2002 11:59:15	1.629167	1173	2742.101	113.496
09/20/2002 11:59:20	1.630556	1174	2742.276	113.475
09/20/2002 11:59:25	1.631944	1175	2742.511	113.448
09/20/2002 11:59:30	1.633333	1176	2742.606	113.436
09/20/2002 11:59:35	1.634722	1177	2742.542	113.420
09/20/2002 11:59:40	1.636111	1178	2742.495	113.403
09/20/2002 11:59:45	1.637500	1179	2742.536	113.385
09/20/2002 11:59:50	1.638889	1180	2742.804	113.372
09/20/2002 11:59:55	1.640278	1181	2742.889	113.344
09/20/2002 12:00:00	1.641667	1182	2742.963	113.328
09/20/2002 12:00:05	1.643056	1183	2742.884	113.308
09/20/2002 12:00:10	1.644444	1184	2742.827	113.289
09/20/2002 12:00:15	1.645833	1185	2742.857	113.276
09/20/2002 12:00:20	1.647222	1186	2742.900	113.255
09/20/2002 12:00:25	1.648611	1187	2743.104	113.235
09/20/2002 12:00:30	1.650000	1188	2743.270	113.222
09/20/2002 12:00:35	1.651389	1189	2743.262	113.204
09/20/2002 12:00:40	1.652778	1190	2743.150	113.182
09/20/2002 12:00:45	1.654167	1191	2743.145	113.168
09/20/2002 12:00:50	1.655556	1192	2743.137	113.143
09/20/2002 12:00:55	1.656944	1193	2743.315	113.126

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:01:00	1.658333	1194	2743.401	113.112
09/20/2002 12:01:05	1.659722	1195	2743.435	113.091
09/20/2002 12:01:10	1.661111	1196	2743.342	113.072
09/20/2002 12:01:15	1.662500	1197	2743.304	113.051
09/20/2002 12:01:20	1.663889	1198	2743.342	113.040
09/20/2002 12:01:25	1.665278	1199	2743.441	113.019
09/20/2002 12:01:30	1.666667	1200	2743.475	113.000
09/20/2002 12:01:35	1.668056	1201	2743.568	112.987
09/20/2002 12:01:40	1.669444	1202	2743.502	112.966
09/20/2002 12:01:45	1.670833	1203	2743.459	112.949
09/20/2002 12:01:50	1.672222	1204	2743.461	112.928
09/20/2002 12:01:55	1.673611	1205	2743.590	112.916
09/20/2002 12:02:00	1.675000	1206	2743.650	112.898
09/20/2002 12:02:05	1.676389	1207	2743.968	112.879
09/20/2002 12:02:10	1.677778	1208	2743.900	112.858
09/20/2002 12:02:15	1.679167	1209	2743.824	112.841
09/20/2002 12:02:20	1.680556	1210	2743.790	112.823
09/20/2002 12:02:25	1.681944	1211	2743.914	112.804
09/20/2002 12:02:30	1.683333	1212	2743.966	112.790
09/20/2002 12:02:35	1.684722	1213	2744.206	112.771
09/20/2002 12:02:40	1.686111	1214	2744.194	112.751
09/20/2002 12:02:45	1.687500	1215	2744.116	112.739
09/20/2002 12:02:50	1.688889	1216	2744.087	112.718
09/20/2002 12:02:55	1.690278	1217	2744.102	112.697
09/20/2002 12:03:00	1.691667	1218	2744.290	112.677
09/20/2002 12:03:05	1.693056	1219	2744.344	112.661
09/20/2002 12:03:10	1.694444	1220	2744.380	112.639
09/20/2002 12:03:15	1.695833	1221	2744.332	112.632
09/20/2002 12:03:20	1.697222	1222	2744.283	112.608
09/20/2002 12:03:25	1.698611	1223	2744.301	112.588
09/20/2002 12:03:30	1.700000	1224	2744.613	112.576
09/20/2002 12:03:35	1.701389	1225	2744.654	112.556
09/20/2002 12:03:40	1.702778	1226	2744.749	112.545
09/20/2002 12:03:45	1.704167	1227	2744.669	112.522
09/20/2002 12:03:50	1.705556	1228	2744.636	112.504
09/20/2002 12:03:55	1.706944	1229	2744.666	112.491
09/20/2002 12:04:00	1.708333	1230	2744.883	112.469
09/20/2002 12:04:05	1.709722	1231	2744.949	112.452
09/20/2002 12:04:10	1.711111	1232	2745.043	112.436
09/20/2002 12:04:15	1.712500	1233	2744.992	112.415
09/20/2002 12:04:20	1.713889	1234	2744.974	112.402
09/20/2002 12:04:25	1.715278	1235	2745.028	112.385
09/20/2002 12:04:30	1.716667	1236	2745.104	112.364
09/20/2002 12:04:35	1.718056	1237	2745.401	112.354
09/20/2002 12:04:40	1.719444	1238	2745.434	112.330
09/20/2002 12:04:45	1.720833	1239	2745.364	112.318
09/20/2002 12:04:50	1.722222	1240	2745.304	112.301
09/20/2002 12:04:55	1.723611	1241	2745.334	112.285

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Location: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:05:00	1.725000	1242	2745.385	112.260
09/20/2002 12:05:05	1.726389	1243	2745.477	112.254
09/20/2002 12:05:10	1.727778	1244	2745.542	112.228
09/20/2002 12:05:15	1.729167	1245	2745.514	112.215
09/20/2002 12:05:20	1.730556	1246	2745.482	112.201
09/20/2002 12:05:25	1.731944	1247	2745.503	112.183
09/20/2002 12:05:30	1.733333	1248	2745.669	112.161
09/20/2002 12:05:35	1.734722	1249	2745.847	112.147
09/20/2002 12:05:40	1.736111	1250	2745.937	112.134
09/20/2002 12:05:45	1.737500	1251	2745.922	112.124
09/20/2002 12:05:50	1.738889	1252	2745.859	112.103
09/20/2002 12:05:55	1.740278	1253	2745.873	112.082
09/20/2002 12:06:00	1.741667	1254	2746.090	112.066
09/20/2002 12:06:05	1.743056	1255	2746.107	112.048
09/20/2002 12:06:10	1.744444	1256	2746.304	112.033
09/20/2002 12:06:15	1.745833	1257	2746.275	112.014
09/20/2002 12:06:20	1.747222	1258	2746.196	111.997
09/20/2002 12:06:25	1.748611	1259	2746.158	111.983
09/20/2002 12:06:30	1.750000	1260	2746.253	111.970
09/20/2002 12:06:35	1.751389	1261	2746.483	111.953
09/20/2002 12:06:40	1.752778	1262	2746.542	111.932
09/20/2002 12:06:45	1.754167	1263	2746.572	111.920
09/20/2002 12:06:50	1.755556	1264	2746.485	111.901
09/20/2002 12:06:55	1.756944	1265	2746.457	111.891
09/20/2002 12:07:00	1.758333	1266	2746.487	111.873
09/20/2002 12:07:05	1.759722	1267	2746.595	111.854
09/20/2002 12:07:10	1.761111	1268	2746.698	111.841
09/20/2002 12:07:15	1.762500	1269	2746.762	111.822
09/20/2002 12:07:20	1.763889	1270	2746.682	111.808
09/20/2002 12:07:25	1.765278	1271	2746.661	111.794
09/20/2002 12:07:30	1.766667	1272	2746.692	111.777
09/20/2002 12:07:35	1.768056	1273	2746.951	111.762
09/20/2002 12:07:40	1.769444	1274	2747.165	111.747
09/20/2002 12:07:45	1.770833	1275	2747.200	111.727
09/20/2002 12:07:50	1.772222	1276	2747.108	111.708
09/20/2002 12:07:55	1.773611	1277	2747.062	111.695
09/20/2002 12:08:00	1.775000	1278	2747.075	111.678
09/20/2002 12:08:05	1.776389	1279	2747.181	111.666
09/20/2002 12:08:10	1.777778	1280	2747.285	111.644
09/20/2002 12:08:15	1.779167	1281	2747.348	111.626
09/20/2002 12:08:20	1.780556	1282	2747.309	111.614
09/20/2002 12:08:25	1.781944	1283	2747.227	111.595
09/20/2002 12:08:30	1.783333	1284	2747.231	111.583
09/20/2002 12:08:35	1.784722	1285	2747.306	111.567
09/20/2002 12:08:40	1.786111	1286	2747.430	111.553
09/20/2002 12:08:45	1.787500	1287	2747.488	111.538
09/20/2002 12:08:50	1.788889	1288	2747.466	111.519
09/20/2002 12:08:55	1.790278	1289	2747.396	111.503

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Location: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:09:00	1.791667	1290	2747.372	111.487
09/20/2002 12:09:05	1.793056	1291	2747.422	111.474
09/20/2002 12:09:10	1.794444	1292	2747.539	111.460
09/20/2002 12:09:15	1.795833	1293	2747.577	111.444
09/20/2002 12:09:20	1.797222	1294	2747.576	111.423
09/20/2002 12:09:25	1.798611	1295	2747.511	111.415
09/20/2002 12:09:30	1.800000	1296	2747.437	111.392
09/20/2002 12:09:35	1.801389	1297	2747.477	111.381
09/20/2002 12:09:40	1.802778	1298	2747.618	111.362
09/20/2002 12:09:45	1.804167	1299	2747.667	111.348
09/20/2002 12:09:50	1.805556	1300	2747.748	111.334
09/20/2002 12:09:55	1.806944	1301	2747.697	111.317
09/20/2002 12:10:00	1.808333	1302	2747.625	111.300
09/20/2002 12:10:05	1.809722	1303	2747.660	111.290
09/20/2002 12:10:10	1.811111	1304	2747.716	111.269
09/20/2002 12:10:15	1.812500	1305	2747.883	111.252
09/20/2002 12:10:20	1.813889	1306	2747.918	111.236
09/20/2002 12:10:25	1.815278	1307	2747.912	111.225
09/20/2002 12:10:30	1.816667	1308	2747.817	111.210
09/20/2002 12:10:35	1.818056	1309	2747.791	111.197
09/20/2002 12:10:40	1.819444	1310	2747.812	111.178
09/20/2002 12:10:45	1.820833	1311	2747.908	111.161
09/20/2002 12:10:50	1.822222	1312	2748.083	111.151
09/20/2002 12:10:55	1.823611	1313	2748.101	111.133
09/20/2002 12:11:00	1.825000	1314	2748.000	111.118
09/20/2002 12:11:05	1.826389	1315	2747.969	111.110
09/20/2002 12:11:10	1.827778	1316	2747.945	111.088
09/20/2002 12:11:15	1.829167	1317	2747.992	111.071
09/20/2002 12:11:20	1.830556	1318	2748.047	111.058
09/20/2002 12:11:25	1.831944	1319	2748.136	111.048
09/20/2002 12:11:30	1.833333	1320	2748.047	111.027
09/20/2002 12:11:35	1.834722	1321	2747.998	111.015
09/20/2002 12:11:40	1.836111	1322	2747.995	110.999
09/20/2002 12:11:45	1.837500	1323	2748.047	110.984
09/20/2002 12:11:50	1.838889	1324	2748.093	110.964
09/20/2002 12:11:55	1.840278	1325	2748.409	110.951
09/20/2002 12:12:00	1.841667	1326	2748.378	110.933
09/20/2002 12:12:05	1.843056	1327	2748.288	110.921
09/20/2002 12:12:10	1.844444	1328	2748.225	110.904
09/20/2002 12:12:15	1.845833	1329	2748.223	110.892
09/20/2002 12:12:20	1.847222	1330	2748.272	110.877
09/20/2002 12:12:25	1.848611	1331	2748.392	110.862
09/20/2002 12:12:30	1.850000	1332	2748.450	110.851
09/20/2002 12:12:35	1.851389	1333	2748.340	110.838
09/20/2002 12:12:40	1.852778	1334	2748.249	110.819
09/20/2002 12:12:45	1.854167	1335	2748.227	110.804
09/20/2002 12:12:50	1.855556	1336	2748.269	110.790
09/20/2002 12:12:55	1.856944	1337	2748.320	110.779

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:13:00	1.858333	1338	2748.375	110.760
09/20/2002 12:13:05	1.859722	1339	2748.305	110.752
09/20/2002 12:13:10	1.861111	1340	2748.238	110.733
09/20/2002 12:13:15	1.862500	1341	2748.259	110.721
09/20/2002 12:13:20	1.863889	1342	2748.302	110.699
09/20/2002 12:13:25	1.865278	1343	2748.358	110.685
09/20/2002 12:13:30	1.866667	1344	2748.457	110.673
09/20/2002 12:13:35	1.868056	1345	2748.396	110.656
09/20/2002 12:13:40	1.869444	1346	2748.354	110.648
09/20/2002 12:13:45	1.870833	1347	2748.365	110.632
09/20/2002 12:13:50	1.872222	1348	2748.434	110.617
09/20/2002 12:13:55	1.873611	1349	2748.450	110.598
09/20/2002 12:14:00	1.875000	1350	2748.537	110.588
09/20/2002 12:14:05	1.876389	1351	2748.438	110.570
09/20/2002 12:14:10	1.877778	1352	2748.378	110.557
09/20/2002 12:14:15	1.879167	1353	2748.394	110.544
09/20/2002 12:14:20	1.880556	1354	2748.431	110.526
09/20/2002 12:14:25	1.881944	1355	2748.506	110.519
09/20/2002 12:14:30	1.883333	1356	2748.541	110.497
09/20/2002 12:14:35	1.884722	1357	2748.525	110.488
09/20/2002 12:14:40	1.886111	1358	2748.431	110.469
09/20/2002 12:14:45	1.887500	1359	2748.427	110.458
09/20/2002 12:14:50	1.888889	1360	2748.451	110.438
09/20/2002 12:14:55	1.890278	1361	2748.617	110.427
09/20/2002 12:15:00	1.891667	1362	2748.682	110.414
09/20/2002 12:15:05	1.893056	1363	2748.639	110.398
09/20/2002 12:15:10	1.894444	1364	2748.548	110.383
09/20/2002 12:15:15	1.895833	1365	2748.566	110.372
09/20/2002 12:15:20	1.897222	1366	2748.644	110.358
09/20/2002 12:15:25	1.898611	1367	2748.680	110.345
09/20/2002 12:15:30	1.900000	1368	2748.721	110.328
09/20/2002 12:15:35	1.901389	1369	2748.658	110.311
09/20/2002 12:15:40	1.902778	1370	2748.593	110.302
09/20/2002 12:15:45	1.904167	1371	2748.594	110.290
09/20/2002 12:15:50	1.905556	1372	2748.640	110.272
09/20/2002 12:15:55	1.906944	1373	2752.224	110.259
09/20/2002 12:16:00	1.908333	1374	2776.212	110.245
09/20/2002 12:16:05	1.909722	1375	2782.310	110.230
09/20/2002 12:16:10	1.911111	1376	2787.974	110.203
09/20/2002 12:16:15	1.912500	1377	2792.399	110.157
09/20/2002 12:16:20	1.913889	1378	2795.827	110.101
09/20/2002 12:16:25	1.915278	1379	2800.440	110.031
09/20/2002 12:16:30	1.916667	1380	2800.545	109.946
09/20/2002 12:16:35	1.918056	1381	2803.274	109.844
09/20/2002 12:16:40	1.919444	1382	2804.624	109.745
09/20/2002 12:16:45	1.920833	1383	2807.055	109.626
09/20/2002 12:16:50	1.922222	1384	2807.390	109.507
09/20/2002 12:16:55	1.923611	1385	2807.479	109.386

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:17:00	1.925000	1386	2809.310	109.252
09/20/2002 12:17:05	1.926389	1387	2809.332	109.129
09/20/2002 12:17:10	1.927778	1388	2810.041	108.995
09/20/2002 12:17:15	1.929167	1389	2809.994	108.878
09/20/2002 12:17:20	1.930556	1390	2812.582	108.747
09/20/2002 12:17:25	1.931944	1391	2812.218	108.623
09/20/2002 12:17:30	1.933333	1392	2812.084	108.502
09/20/2002 12:17:35	1.934722	1393	2812.026	108.386
09/20/2002 12:17:40	1.936111	1394	2813.334	108.276
09/20/2002 12:17:45	1.937500	1395	2813.248	108.162
09/20/2002 12:17:50	1.938889	1396	2813.061	108.060
09/20/2002 12:17:55	1.940278	1397	2813.123	107.949
09/20/2002 12:18:00	1.941667	1398	2813.175	107.848
09/20/2002 12:18:05	1.943056	1399	2814.028	107.750
09/20/2002 12:18:10	1.944444	1400	2813.884	107.655
09/20/2002 12:18:15	1.945833	1401	2813.963	107.557
09/20/2002 12:18:20	1.947222	1402	2814.495	107.469
09/20/2002 12:18:25	1.948611	1403	2814.531	107.382
09/20/2002 12:18:30	1.950000	1404	2814.381	107.298
09/20/2002 12:18:35	1.951389	1405	2814.219	107.224
09/20/2002 12:18:40	1.952778	1406	2814.440	107.141
09/20/2002 12:18:45	1.954167	1407	2814.802	107.071
09/20/2002 12:18:50	1.955556	1408	2814.780	106.999
09/20/2002 12:18:55	1.956944	1409	2814.613	106.922
09/20/2002 12:19:00	1.958333	1410	2814.767	106.860
09/20/2002 12:19:05	1.959722	1411	2814.679	106.788
09/20/2002 12:19:10	1.961111	1412	2814.755	106.722
09/20/2002 12:19:15	1.962500	1413	2814.746	106.660
09/20/2002 12:19:20	1.963889	1414	2814.784	106.597
09/20/2002 12:19:25	1.965278	1415	2815.596	106.539
09/20/2002 12:19:30	1.966667	1416	2815.424	106.475
09/20/2002 12:19:35	1.968056	1417	2815.171	106.416
09/20/2002 12:19:40	1.969444	1418	2815.218	106.358
09/20/2002 12:19:45	1.970833	1419	2815.223	106.305
09/20/2002 12:19:50	1.972222	1420	2815.070	106.245
09/20/2002 12:19:55	1.973611	1421	2814.927	106.188
09/20/2002 12:20:00	1.975000	1422	2814.838	106.138
09/20/2002 12:20:05	1.976389	1423	2815.140	106.083
09/20/2002 12:20:10	1.977778	1424	2814.955	106.025
09/20/2002 12:20:15	1.979167	1425	2814.792	105.972
09/20/2002 12:20:20	1.980556	1426	2814.870	105.924
09/20/2002 12:20:25	1.981944	1427	2814.884	105.873
09/20/2002 12:20:30	1.983333	1428	2814.976	105.823
09/20/2002 12:20:35	1.984722	1429	2815.089	105.771
09/20/2002 12:20:40	1.986111	1430	2815.170	105.720
09/20/2002 12:20:45	1.987500	1431	2815.288	105.672
09/20/2002 12:20:50	1.988889	1432	2815.339	105.619
09/20/2002 12:20:55	1.990278	1433	2815.434	105.572

Company Name: J. M. HUBER
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:21:00	1.991667	1434	2815.375	105.519
09/20/2002 12:21:05	1.993056	1435	2815.352	105.466
09/20/2002 12:21:10	1.994444	1436	2815.365	105.421
09/20/2002 12:21:15	1.995833	1437	2815.344	105.369
09/20/2002 12:21:20	1.997222	1438	2815.302	105.315
09/20/2002 12:21:25	1.998611	1439	2815.306	105.271
09/20/2002 12:21:30	2.000000	1440	2815.288	105.225
09/20/2002 12:21:35	2.001389	1441	2815.289	105.179
09/20/2002 12:21:40	2.002778	1442	2815.243	105.128
09/20/2002 12:21:45	2.004167	1443	2815.214	105.085
09/20/2002 12:21:50	2.005556	1444	2815.062	105.035
09/20/2002 12:21:55	2.006944	1445	2814.872	104.988
09/20/2002 12:22:00	2.008333	1446	2814.566	104.944
09/20/2002 12:22:05	2.009722	1447	2814.534	104.897
09/20/2002 12:22:10	2.011111	1448	2814.451	104.853
09/20/2002 12:22:15	2.012500	1449	2814.390	104.816
09/20/2002 12:22:20	2.013889	1450	2814.347	104.779
09/20/2002 12:22:25	2.015278	1451	2814.370	104.734
09/20/2002 12:22:30	2.016667	1452	2814.285	104.693
09/20/2002 12:22:35	2.018056	1453	2814.139	104.648
09/20/2002 12:22:40	2.019444	1454	2814.009	104.606
09/20/2002 12:22:45	2.020833	1455	2814.054	104.577
09/20/2002 12:22:50	2.022222	1456	2813.879	104.533
09/20/2002 12:22:55	2.023611	1457	2813.698	104.500
09/20/2002 12:23:00	2.025000	1458	2813.696	104.459
09/20/2002 12:23:05	2.026389	1459	2813.765	104.422
09/20/2002 12:23:10	2.027778	1460	2813.549	104.381
09/20/2002 12:23:15	2.029167	1461	2813.552	104.343
09/20/2002 12:23:20	2.030556	1462	2813.605	104.307
09/20/2002 12:23:25	2.031944	1463	2813.693	104.278
09/20/2002 12:23:30	2.033333	1464	2813.546	104.237
09/20/2002 12:23:35	2.034722	1465	2813.340	104.195
09/20/2002 12:23:40	2.036111	1466	2813.373	104.158
09/20/2002 12:23:45	2.037500	1467	2813.426	104.119
09/20/2002 12:23:50	2.038889	1468	2813.249	104.082
09/20/2002 12:23:55	2.040278	1469	2813.209	104.043
09/20/2002 12:24:00	2.041667	1470	2813.214	104.012
09/20/2002 12:24:05	2.043056	1471	2813.176	103.972
09/20/2002 12:24:10	2.044444	1472	2813.069	103.939
09/20/2002 12:24:15	2.045833	1473	2812.924	103.897
09/20/2002 12:24:20	2.047222	1474	2813.003	103.859
09/20/2002 12:24:25	2.048611	1475	2813.033	103.825
09/20/2002 12:24:30	2.050000	1476	2812.821	103.783
09/20/2002 12:24:35	2.051389	1477	2812.843	103.754
09/20/2002 12:24:40	2.052778	1478	2812.819	103.708
09/20/2002 12:24:45	2.054167	1479	2812.841	103.672
09/20/2002 12:24:50	2.055556	1480	2812.793	103.642
09/20/2002 12:24:55	2.056944	1481	2812.773	103.606

Company Name: J. M. HUBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:25:00	2.058333	1482	2812.773	103.570
09/20/2002 12:25:05	2.059722	1483	2812.727	103.534
09/20/2002 12:25:10	2.061111	1484	2812.716	103.499
09/20/2002 12:25:15	2.062500	1485	2812.775	103.464
09/20/2002 12:25:20	2.063889	1486	2812.780	103.436
09/20/2002 12:25:25	2.065278	1487	2812.624	103.388
09/20/2002 12:25:30	2.066667	1488	2812.749	103.360
09/20/2002 12:25:35	2.068056	1489	2812.588	103.321
09/20/2002 12:25:40	2.069444	1490	2812.644	103.289
09/20/2002 12:25:45	2.070833	1491	2812.698	103.256
09/20/2002 12:25:50	2.072222	1492	2812.762	103.225
09/20/2002 12:25:55	2.073611	1493	2812.715	103.188
09/20/2002 12:26:00	2.075000	1494	2812.815	103.152
09/20/2002 12:26:05	2.076389	1495	2812.781	103.118
09/20/2002 12:26:10	2.077778	1496	2812.826	103.084
09/20/2002 12:26:15	2.079167	1497	2812.634	103.051
09/20/2002 12:26:20	2.080556	1498	2812.639	103.016
09/20/2002 12:26:25	2.081944	1499	2812.659	102.983
09/20/2002 12:26:30	2.083333	1500	2812.702	102.947
09/20/2002 12:26:35	2.084722	1501	2812.605	102.920
09/20/2002 12:26:40	2.086111	1502	2812.467	102.882
09/20/2002 12:26:45	2.087500	1503	2812.488	102.844
09/20/2002 12:26:50	2.088889	1504	2812.535	102.812
09/20/2002 12:26:55	2.090278	1505	2812.581	102.777
09/20/2002 12:27:00	2.091667	1506	2812.449	102.738
09/20/2002 12:27:05	2.093056	1507	2812.314	102.706
09/20/2002 12:27:10	2.094444	1508	2812.354	102.664
09/20/2002 12:27:15	2.095833	1509	2812.368	102.636
09/20/2002 12:27:20	2.097222	1510	2812.392	102.597
09/20/2002 12:27:25	2.098611	1511	2812.431	102.562
09/20/2002 12:27:30	2.100000	1512	2812.359	102.531
09/20/2002 12:27:35	2.101389	1513	2812.736	102.496
09/20/2002 12:27:40	2.102778	1514	2812.556	102.465
09/20/2002 12:27:45	2.104167	1515	2812.589	102.428
09/20/2002 12:27:50	2.105556	1516	2812.539	102.402
09/20/2002 12:27:55	2.106944	1517	2812.547	102.363
09/20/2002 12:28:00	2.108333	1518	2812.445	102.332
09/20/2002 12:28:05	2.109722	1519	2812.474	102.298
09/20/2002 12:28:10	2.111111	1520	2812.497	102.272
09/20/2002 12:28:15	2.112500	1521	2812.549	102.233
09/20/2002 12:28:20	2.113889	1522	2812.497	102.197
09/20/2002 12:28:25	2.115278	1523	2812.863	102.165
09/20/2002 12:28:30	2.116667	1524	2812.788	102.133
09/20/2002 12:28:35	2.118056	1525	2812.819	102.100
09/20/2002 12:28:40	2.119444	1526	2812.838	102.067
09/20/2002 12:28:45	2.120833	1527	2812.760	102.028
09/20/2002 12:28:50	2.122222	1528	2812.838	101.991
09/20/2002 12:28:55	2.123611	1529	2812.752	101.964

Company Name: J. M. HUBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:29:00	2.125000	1530	2812.885	101.930
09/20/2002 12:29:05	2.126389	1531	2812.722	101.895
09/20/2002 12:29:10	2.127778	1532	2812.725	101.859
09/20/2002 12:29:15	2.129167	1533	2812.545	101.827
09/20/2002 12:29:20	2.130556	1534	2812.450	101.790
09/20/2002 12:29:25	2.131944	1535	2812.301	101.757
09/20/2002 12:29:30	2.133333	1536	2812.189	101.726
09/20/2002 12:29:35	2.134722	1537	2812.111	101.695
09/20/2002 12:29:40	2.136111	1538	2811.938	101.662
09/20/2002 12:29:45	2.137500	1539	2812.003	101.634
09/20/2002 12:29:50	2.138889	1540	2811.884	101.600
09/20/2002 12:29:55	2.140278	1541	2811.818	101.571
09/20/2002 12:30:00	2.141667	1542	2811.745	101.542
09/20/2002 12:30:05	2.143056	1543	2811.580	101.506
09/20/2002 12:30:10	2.144444	1544	2811.542	101.475
09/20/2002 12:30:15	2.145833	1545	2811.395	101.449
09/20/2002 12:30:20	2.147222	1546	2811.382	101.416
09/20/2002 12:30:25	2.148611	1547	2811.208	101.392
09/20/2002 12:30:30	2.150000	1548	2811.102	101.355
09/20/2002 12:30:35	2.151389	1549	2810.927	101.327
09/20/2002 12:30:40	2.152778	1550	2810.638	101.300
09/20/2002 12:30:45	2.154167	1551	2810.616	101.272
09/20/2002 12:30:50	2.155556	1552	2810.500	101.240
09/20/2002 12:30:55	2.156944	1553	2810.522	101.217
09/20/2002 12:31:00	2.158333	1554	2810.396	101.187
09/20/2002 12:31:05	2.159722	1555	2810.134	101.154
09/20/2002 12:31:10	2.161111	1556	2810.167	101.131
09/20/2002 12:31:15	2.162500	1557	2810.085	101.101
09/20/2002 12:31:20	2.163889	1558	2810.130	101.073
09/20/2002 12:31:25	2.165278	1559	2810.117	101.049
09/20/2002 12:31:30	2.166667	1560	2809.945	101.015
09/20/2002 12:31:35	2.168056	1561	2809.949	100.982
09/20/2002 12:31:40	2.169444	1562	2809.928	100.960
09/20/2002 12:31:45	2.170833	1563	2810.025	100.932
09/20/2002 12:31:50	2.172222	1564	2810.008	100.901
09/20/2002 12:31:55	2.173611	1565	2809.932	100.876
09/20/2002 12:32:00	2.175000	1566	2810.010	100.845
09/20/2002 12:32:05	2.176389	1567	2810.043	100.821
09/20/2002 12:32:10	2.177778	1568	2810.159	100.794
09/20/2002 12:32:15	2.179167	1569	2810.032	100.765
09/20/2002 12:32:20	2.180556	1570	2809.927	100.731
09/20/2002 12:32:25	2.181944	1571	2809.911	100.706
09/20/2002 12:32:30	2.183333	1572	2809.944	100.679
09/20/2002 12:32:35	2.184722	1573	2810.098	100.656
09/20/2002 12:32:40	2.186111	1574	2810.109	100.622
09/20/2002 12:32:45	2.187500	1575	2810.447	100.595
09/20/2002 12:32:50	2.188889	1576	2810.326	100.559
09/20/2002 12:32:55	2.190278	1577	2810.303	100.533

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:33:00	2.191667	1578	2810.433	100.508
09/20/2002 12:33:05	2.193056	1579	2810.400	100.478
09/20/2002 12:33:10	2.194444	1580	2810.421	100.444
09/20/2002 12:33:15	2.195833	1581	2810.355	100.412
09/20/2002 12:33:20	2.197222	1582	2810.297	100.383
09/20/2002 12:33:25	2.198611	1583	2810.623	100.361
09/20/2002 12:33:30	2.200000	1584	2810.479	100.327
09/20/2002 12:33:35	2.201389	1585	2810.486	100.294
09/20/2002 12:33:40	2.202778	1586	2810.419	100.267
09/20/2002 12:33:45	2.204167	1587	2810.348	100.235
09/20/2002 12:33:50	2.205556	1588	2810.428	100.212
09/20/2002 12:33:55	2.206944	1589	2810.333	100.174
09/20/2002 12:34:00	2.208333	1590	2810.227	100.145
09/20/2002 12:34:05	2.209722	1591	2810.064	100.119
09/20/2002 12:34:10	2.211111	1592	2809.783	100.090
09/20/2002 12:34:15	2.212500	1593	2809.765	100.060
09/20/2002 12:34:20	2.213889	1594	2809.691	100.024
09/20/2002 12:34:25	2.215278	1595	2809.743	99.998
09/20/2002 12:34:30	2.216667	1596	2809.694	99.971
09/20/2002 12:34:35	2.218056	1597	2809.644	99.944
09/20/2002 12:34:40	2.219444	1598	2809.694	99.918
09/20/2002 12:34:45	2.220833	1599	2809.547	99.891
09/20/2002 12:34:50	2.222222	1600	2809.460	99.864
09/20/2002 12:34:55	2.223611	1601	2809.312	99.840
09/20/2002 12:35:00	2.225000	1602	2809.132	99.812
09/20/2002 12:35:05	2.226389	1603	2809.090	99.784
09/20/2002 12:35:10	2.227778	1604	2809.197	99.756
09/20/2002 12:35:15	2.229167	1605	2809.165	99.728
09/20/2002 12:35:20	2.230556	1606	2809.261	99.705
09/20/2002 12:35:25	2.231944	1607	2809.222	99.682
09/20/2002 12:35:30	2.233333	1608	2809.246	99.648
09/20/2002 12:35:35	2.234722	1609	2809.116	99.621
09/20/2002 12:35:40	2.236111	1610	2808.975	99.597
09/20/2002 12:35:45	2.237500	1611	2808.886	99.572
09/20/2002 12:35:50	2.238889	1612	2808.711	99.543
09/20/2002 12:35:55	2.240278	1613	2808.774	99.515
09/20/2002 12:36:00	2.241667	1614	2808.799	99.490
09/20/2002 12:36:05	2.243056	1615	2809.074	99.469
09/20/2002 12:36:10	2.244444	1616	2809.000	99.434
09/20/2002 12:36:15	2.245833	1617	2808.985	99.413
09/20/2002 12:36:20	2.247222	1618	2808.975	99.387
09/20/2002 12:36:25	2.248611	1619	2808.992	99.362
09/20/2002 12:36:30	2.250000	1620	2808.899	99.333
09/20/2002 12:36:35	2.251389	1621	2808.983	99.308
09/20/2002 12:36:40	2.252778	1622	2808.928	99.285
09/20/2002 12:36:45	2.254167	1623	2808.995	99.252
09/20/2002 12:36:50	2.255556	1624	2808.866	99.232
09/20/2002 12:36:55	2.256944	1625	2808.716	99.204

Company Name: J. M. HUBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:37:00	2.258333	1626	2808.675	99.172
09/20/2002 12:37:05	2.259722	1627	2808.604	99.155
09/20/2002 12:37:10	2.261111	1628	2808.662	99.126
09/20/2002 12:37:15	2.262500	1629	2808.601	99.101
09/20/2002 12:37:20	2.263889	1630	2808.627	99.067
09/20/2002 12:37:25	2.265278	1631	2808.498	99.050
09/20/2002 12:37:30	2.266667	1632	2808.450	99.017
09/20/2002 12:37:35	2.268056	1633	2808.429	98.993
09/20/2002 12:37:40	2.269444	1634	2808.469	98.971
09/20/2002 12:37:45	2.270833	1635	2808.383	98.941
09/20/2002 12:37:50	2.272222	1636	2808.486	98.917
09/20/2002 12:37:55	2.273611	1637	2808.407	98.887
09/20/2002 12:38:00	2.275000	1638	2808.506	98.862
09/20/2002 12:38:05	2.276389	1639	2808.399	98.837
09/20/2002 12:38:10	2.277778	1640	2808.400	98.803
09/20/2002 12:38:15	2.279167	1641	2808.386	98.779
09/20/2002 12:38:20	2.280556	1642	2808.371	98.754
09/20/2002 12:38:25	2.281944	1643	2808.434	98.723
09/20/2002 12:38:30	2.283333	1644	2808.416	98.703
09/20/2002 12:38:35	2.284722	1645	2808.357	98.677
09/20/2002 12:38:40	2.286111	1646	2808.445	98.653
09/20/2002 12:38:45	2.287500	1647	2808.302	98.624
09/20/2002 12:38:50	2.288889	1648	2808.386	98.606
09/20/2002 12:38:55	2.290278	1649	2808.189	98.569
09/20/2002 12:39:00	2.291667	1650	2808.259	98.548
09/20/2002 12:39:05	2.293056	1651	2808.137	98.519
09/20/2002 12:39:10	2.294444	1652	2808.046	98.492
09/20/2002 12:39:15	2.295833	1653	2808.056	98.468
09/20/2002 12:39:20	2.297222	1654	2807.996	98.443
09/20/2002 12:39:25	2.298611	1655	2808.051	98.420
09/20/2002 12:39:30	2.300000	1656	2807.957	98.387
09/20/2002 12:39:35	2.301389	1657	2807.925	98.367
09/20/2002 12:39:40	2.302778	1658	2807.809	98.343
09/20/2002 12:39:45	2.304167	1659	2807.635	98.317
09/20/2002 12:39:50	2.305556	1660	2807.675	98.291
09/20/2002 12:39:55	2.306944	1661	2807.688	98.267
09/20/2002 12:40:00	2.308333	1662	2807.693	98.238
09/20/2002 12:40:05	2.309722	1663	2807.761	98.218
09/20/2002 12:40:10	2.311111	1664	2807.663	98.190
09/20/2002 12:40:15	2.312500	1665	2807.600	98.163
09/20/2002 12:40:20	2.313889	1666	2807.524	98.132
09/20/2002 12:40:25	2.315278	1667	2807.692	98.110
09/20/2002 12:40:30	2.316667	1668	2807.894	98.094
09/20/2002 12:40:35	2.318056	1669	2807.950	98.058
09/20/2002 12:40:40	2.319444	1670	2807.938	98.034
09/20/2002 12:40:45	2.320833	1671	2807.924	98.005
09/20/2002 12:40:50	2.322222	1672	2807.841	97.981
09/20/2002 12:40:55	2.323611	1673	2807.806	97.951

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:41:00	2.325000	1674	2807.985	97.926
09/20/2002 12:41:05	2.326389	1675	2807.928	97.896
09/20/2002 12:41:10	2.327778	1676	2807.985	97.872
09/20/2002 12:41:15	2.329167	1677	2807.944	97.844
09/20/2002 12:41:20	2.330556	1678	2807.843	97.819
09/20/2002 12:41:25	2.331944	1679	2807.829	97.788
09/20/2002 12:41:30	2.333333	1680	2807.760	97.765
09/20/2002 12:41:35	2.334722	1681	2807.809	97.735
09/20/2002 12:41:40	2.336111	1682	2807.817	97.714
09/20/2002 12:41:45	2.337500	1683	2807.672	97.685
09/20/2002 12:41:50	2.338889	1684	2807.720	97.658
09/20/2002 12:41:55	2.340278	1685	2807.633	97.632
09/20/2002 12:42:00	2.341667	1686	2807.695	97.604
09/20/2002 12:42:05	2.343056	1687	2807.491	97.577
09/20/2002 12:42:10	2.344444	1688	2807.529	97.553
09/20/2002 12:42:15	2.345833	1689	2807.482	97.536
09/20/2002 12:42:20	2.347222	1690	2807.373	97.504
09/20/2002 12:42:25	2.348611	1691	2807.373	97.479
09/20/2002 12:42:30	2.350000	1692	2807.331	97.458
09/20/2002 12:42:35	2.351389	1693	2807.306	97.434
09/20/2002 12:42:40	2.352778	1694	2807.268	97.409
09/20/2002 12:42:45	2.354167	1695	2807.102	97.382
09/20/2002 12:42:50	2.355556	1696	2807.212	97.365
09/20/2002 12:42:55	2.356944	1697	2807.098	97.337
09/20/2002 12:43:00	2.358333	1698	2807.200	97.319
09/20/2002 12:43:05	2.359722	1699	2807.011	97.291
09/20/2002 12:43:10	2.361111	1700	2806.989	97.270
09/20/2002 12:43:15	2.362500	1701	2806.846	97.246
09/20/2002 12:43:20	2.363889	1702	2806.695	97.222
09/20/2002 12:43:25	2.365278	1703	2806.688	97.196
09/20/2002 12:43:30	2.366667	1704	2806.643	97.178
09/20/2002 12:43:35	2.368056	1705	2806.696	97.152
09/20/2002 12:43:40	2.369444	1706	2806.607	97.128
09/20/2002 12:43:45	2.370833	1707	2806.511	97.101
09/20/2002 12:43:50	2.372222	1708	2806.505	97.084
09/20/2002 12:43:55	2.373611	1709	2806.343	97.055
09/20/2002 12:44:00	2.375000	1710	2806.435	97.036
09/20/2002 12:44:05	2.376389	1711	2806.455	97.015
09/20/2002 12:44:10	2.377778	1712	2806.385	96.991
09/20/2002 12:44:15	2.379167	1713	2806.286	96.967
09/20/2002 12:44:20	2.380556	1714	2806.155	96.941
09/20/2002 12:44:25	2.381944	1715	2806.181	96.918
09/20/2002 12:44:30	2.383333	1716	2806.179	96.898
09/20/2002 12:44:35	2.384722	1717	2806.273	96.874
09/20/2002 12:44:40	2.386111	1718	2806.404	96.852
09/20/2002 12:44:45	2.387500	1719	2806.443	96.825
09/20/2002 12:44:50	2.388889	1720	2806.492	96.801
09/20/2002 12:44:55	2.390278	1721	2806.503	96.776

Company Name: J. M. HUBER
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Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:45:00	2.391667	1722	2806.482	96.752
09/20/2002 12:45:05	2.393056	1723	2806.485	96.727
09/20/2002 12:45:10	2.394444	1724	2806.627	96.703
09/20/2002 12:45:15	2.395833	1725	2806.578	96.677
09/20/2002 12:45:20	2.397222	1726	2806.666	96.653
09/20/2002 12:45:25	2.398611	1727	2806.654	96.623
09/20/2002 12:45:30	2.400000	1728	2806.594	96.601
09/20/2002 12:45:35	2.401389	1729	2806.573	96.572
09/20/2002 12:45:40	2.402778	1730	2806.425	96.552
09/20/2002 12:45:45	2.404167	1731	2806.410	96.529
09/20/2002 12:45:50	2.405556	1732	2806.314	96.506
09/20/2002 12:45:55	2.406944	1733	2806.310	96.482
09/20/2002 12:46:00	2.408333	1734	2806.115	96.455
09/20/2002 12:46:05	2.409722	1735	2805.988	96.441
09/20/2002 12:46:10	2.411111	1736	2805.955	96.409
09/20/2002 12:46:15	2.412500	1737	2805.992	96.392
09/20/2002 12:46:20	2.413889	1738	2808.152	96.367
09/20/2002 12:46:25	2.415278	1739	2818.417	96.352
09/20/2002 12:46:30	2.416667	1740	2828.591	96.321
09/20/2002 12:46:35	2.418056	1741	2834.661	96.298
09/20/2002 12:46:40	2.419444	1742	2836.964	96.249
09/20/2002 12:46:45	2.420833	1743	2840.540	96.186
09/20/2002 12:46:50	2.422222	1744	2842.633	96.093
09/20/2002 12:46:55	2.423611	1745	2842.816	95.985
09/20/2002 12:47:00	2.425000	1746	2845.493	95.857
09/20/2002 12:47:05	2.426389	1747	2845.356	95.724
09/20/2002 12:47:10	2.427778	1748	2845.497	95.573
09/20/2002 12:47:15	2.429167	1749	2846.133	95.429
09/20/2002 12:47:20	2.430556	1750	2846.901	95.275
09/20/2002 12:47:25	2.431944	1751	2846.878	95.116
09/20/2002 12:47:30	2.433333	1752	2846.978	94.974
09/20/2002 12:47:35	2.434722	1753	2849.975	94.824
09/20/2002 12:47:40	2.436111	1754	2850.890	94.670
09/20/2002 12:47:45	2.437500	1755	2852.280	94.525
09/20/2002 12:47:50	2.438889	1756	2852.338	94.385
09/20/2002 12:47:55	2.440278	1757	2853.486	94.243
09/20/2002 12:48:00	2.441667	1758	2853.335	94.105
09/20/2002 12:48:05	2.443056	1759	2853.414	93.962
09/20/2002 12:48:10	2.444444	1760	2854.834	93.826
09/20/2002 12:48:15	2.445833	1761	2854.891	93.693
09/20/2002 12:48:20	2.447222	1762	2854.671	93.555
09/20/2002 12:48:25	2.448611	1763	2854.759	93.431
09/20/2002 12:48:30	2.450000	1764	2854.808	93.299
09/20/2002 12:48:35	2.451389	1765	2854.969	93.172
09/20/2002 12:48:40	2.452778	1766	2855.122	93.050
09/20/2002 12:48:45	2.454167	1767	2856.090	92.931
09/20/2002 12:48:50	2.455556	1768	2856.167	92.817
09/20/2002 12:48:55	2.456944	1769	2856.134	92.701

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:49:00	2.458333	1770	2856.231	92.590
09/20/2002 12:49:05	2.459722	1771	2856.177	92.482
09/20/2002 12:49:10	2.461111	1772	2856.294	92.370
09/20/2002 12:49:15	2.462500	1773	2857.820	92.266
09/20/2002 12:49:20	2.463889	1774	2857.486	92.163
09/20/2002 12:49:25	2.465278	1775	2857.579	92.065
09/20/2002 12:49:30	2.466667	1776	2857.514	91.963
09/20/2002 12:49:35	2.468056	1777	2857.498	91.866
09/20/2002 12:49:40	2.469444	1778	2857.451	91.775
09/20/2002 12:49:45	2.470833	1779	2857.398	91.678
09/20/2002 12:49:50	2.472222	1780	2857.462	91.588
09/20/2002 12:49:55	2.473611	1781	2857.311	91.496
09/20/2002 12:50:00	2.475000	1782	2857.491	91.409
09/20/2002 12:50:05	2.476389	1783	2857.545	91.325
09/20/2002 12:50:10	2.477778	1784	2857.526	91.233
09/20/2002 12:50:15	2.479167	1785	2857.496	91.153
09/20/2002 12:50:20	2.480556	1786	2857.500	91.072
09/20/2002 12:50:25	2.481944	1787	2857.568	90.990
09/20/2002 12:50:30	2.483333	1788	2857.453	90.909
09/20/2002 12:50:35	2.484722	1789	2857.690	90.826
09/20/2002 12:50:40	2.486111	1790	2857.802	90.750
09/20/2002 12:50:45	2.487500	1791	2857.798	90.671
09/20/2002 12:50:50	2.488889	1792	2857.896	90.599
09/20/2002 12:50:55	2.490278	1793	2857.848	90.512
09/20/2002 12:51:00	2.491667	1794	2857.905	90.443
09/20/2002 12:51:05	2.493056	1795	2857.843	90.364
09/20/2002 12:51:10	2.494444	1796	2857.906	90.293
09/20/2002 12:51:15	2.495833	1797	2858.043	90.223
09/20/2002 12:51:20	2.497222	1798	2858.131	90.152
09/20/2002 12:51:25	2.498611	1799	2858.271	90.080
09/20/2002 12:51:30	2.500000	1800	2858.302	90.014
09/20/2002 12:51:35	2.501389	1801	2858.241	89.945
09/20/2002 12:51:40	2.502778	1802	2858.365	89.872
09/20/2002 12:51:45	2.504167	1803	2858.469	89.807
09/20/2002 12:51:50	2.505556	1804	2858.443	89.739
09/20/2002 12:51:55	2.506944	1805	2858.567	89.666
09/20/2002 12:52:00	2.508333	1806	2858.633	89.607
09/20/2002 12:52:05	2.509722	1807	2858.554	89.539
09/20/2002 12:52:10	2.511111	1808	2858.587	89.476
09/20/2002 12:52:15	2.512500	1809	2858.605	89.412
09/20/2002 12:52:20	2.513889	1810	2858.514	89.349
09/20/2002 12:52:25	2.515278	1811	2858.407	89.286
09/20/2002 12:52:30	2.516667	1812	2858.677	89.227
09/20/2002 12:52:35	2.518056	1813	2858.788	89.167
09/20/2002 12:52:40	2.519444	1814	2858.703	89.102
09/20/2002 12:52:45	2.520833	1815	2858.736	89.046
09/20/2002 12:52:50	2.522222	1816	2858.748	88.990
09/20/2002 12:52:55	2.523611	1817	2858.757	88.930

Company Name: J. M. [redacted]UBER
Run Depth: 5735'

Loca[redacted]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:53:00	2.525000	1818	2858.691	88.874
09/20/2002 12:53:05	2.526389	1819	2858.715	88.817
09/20/2002 12:53:10	2.527778	1820	2858.739	88.761
09/20/2002 12:53:15	2.529167	1821	2858.762	88.709
09/20/2002 12:53:20	2.530556	1822	2858.857	88.659
09/20/2002 12:53:25	2.531944	1823	2858.928	88.605
09/20/2002 12:53:30	2.533333	1824	2858.958	88.549
09/20/2002 12:53:35	2.534722	1825	2859.002	88.501
09/20/2002 12:53:40	2.536111	1826	2859.048	88.451
09/20/2002 12:53:45	2.537500	1827	2858.945	88.396
09/20/2002 12:53:50	2.538889	1828	2858.979	88.348
09/20/2002 12:53:55	2.540278	1829	2858.848	88.293
09/20/2002 12:54:00	2.541667	1830	2858.879	88.245
09/20/2002 12:54:05	2.543056	1831	2858.896	88.197
09/20/2002 12:54:10	2.544444	1832	2858.940	88.153
09/20/2002 12:54:15	2.545833	1833	2858.967	88.104
09/20/2002 12:54:20	2.547222	1834	2858.901	88.047
09/20/2002 12:54:25	2.548611	1835	2858.859	88.006
09/20/2002 12:54:30	2.550000	1836	2858.801	87.963
09/20/2002 12:54:35	2.551389	1837	2858.992	87.918
09/20/2002 12:54:40	2.552778	1838	2858.984	87.876
09/20/2002 12:54:45	2.554167	1839	2858.843	87.826
09/20/2002 12:54:50	2.555556	1840	2858.826	87.783
09/20/2002 12:54:55	2.556944	1841	2858.926	87.739
09/20/2002 12:55:00	2.558333	1842	2858.958	87.699
09/20/2002 12:55:05	2.559722	1843	2858.913	87.650
09/20/2002 12:55:10	2.561111	1844	2858.973	87.606
09/20/2002 12:55:15	2.562500	1845	2859.089	87.563
09/20/2002 12:55:20	2.563889	1846	2859.110	87.520
09/20/2002 12:55:25	2.565278	1847	2859.011	87.477
09/20/2002 12:55:30	2.566667	1848	2859.073	87.436
09/20/2002 12:55:35	2.568056	1849	2859.045	87.393
09/20/2002 12:55:40	2.569444	1850	2858.947	87.352
09/20/2002 12:55:45	2.570833	1851	2858.993	87.314
09/20/2002 12:55:50	2.572222	1852	2858.974	87.269
09/20/2002 12:55:55	2.573611	1853	2858.908	87.227
09/20/2002 12:56:00	2.575000	1854	2859.040	87.190
09/20/2002 12:56:05	2.576389	1855	2859.062	87.155
09/20/2002 12:56:10	2.577778	1856	2858.892	87.111
09/20/2002 12:56:15	2.579167	1857	2858.852	87.071
09/20/2002 12:56:20	2.580556	1858	2858.803	87.031
09/20/2002 12:56:25	2.581944	1859	2858.668	86.997
09/20/2002 12:56:30	2.583333	1860	2858.606	86.961
09/20/2002 12:56:35	2.584722	1861	2858.594	86.920
09/20/2002 12:56:40	2.586111	1862	2858.501	86.878
09/20/2002 12:56:45	2.587500	1863	2858.526	86.846
09/20/2002 12:56:50	2.588889	1864	2858.591	86.809
09/20/2002 12:56:55	2.590278	1865	2858.544	86.765

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 12:57:00	2.591667	1866	2858.549	86.733
09/20/2002 12:57:05	2.593056	1867	2858.473	86.696
09/20/2002 12:57:10	2.594444	1868	2858.526	86.657
09/20/2002 12:57:15	2.595833	1869	2858.606	86.624
09/20/2002 12:57:20	2.597222	1870	2858.526	86.580
09/20/2002 12:57:25	2.598611	1871	2858.721	86.550
09/20/2002 12:57:30	2.600000	1872	2858.682	86.513
09/20/2002 12:57:35	2.601389	1873	2858.563	86.476
09/20/2002 12:57:40	2.602778	1874	2858.636	86.437
09/20/2002 12:57:45	2.604167	1875	2858.581	86.403
09/20/2002 12:57:50	2.605556	1876	2858.637	86.372
09/20/2002 12:57:55	2.606944	1877	2858.602	86.329
09/20/2002 12:58:00	2.608333	1878	2858.554	86.294
09/20/2002 12:58:05	2.609722	1879	2858.619	86.262
09/20/2002 12:58:10	2.611111	1880	2858.698	86.228
09/20/2002 12:58:15	2.612500	1881	2858.725	86.197
09/20/2002 12:58:20	2.613889	1882	2858.574	86.164
09/20/2002 12:58:25	2.615278	1883	2858.637	86.127
09/20/2002 12:58:30	2.616667	1884	2858.662	86.096
09/20/2002 12:58:35	2.618056	1885	2858.631	86.067
09/20/2002 12:58:40	2.619444	1886	2858.727	86.032
09/20/2002 12:58:45	2.620833	1887	2858.660	86.004
09/20/2002 12:58:50	2.622222	1888	2858.567	85.967
09/20/2002 12:58:55	2.623611	1889	2858.593	85.939
09/20/2002 12:59:00	2.625000	1890	2858.572	85.908
09/20/2002 12:59:05	2.626389	1891	2858.657	85.869
09/20/2002 12:59:10	2.627778	1892	2858.622	85.843
09/20/2002 12:59:15	2.629167	1893	2858.539	85.810
09/20/2002 12:59:20	2.630556	1894	2858.504	85.773
09/20/2002 12:59:25	2.631944	1895	2858.549	85.736
09/20/2002 12:59:30	2.633333	1896	2858.691	85.711
09/20/2002 12:59:35	2.634722	1897	2858.677	85.678
09/20/2002 12:59:40	2.636111	1898	2858.513	85.641
09/20/2002 12:59:45	2.637500	1899	2858.501	85.610
09/20/2002 12:59:50	2.638889	1900	2858.545	85.579
09/20/2002 12:59:55	2.640278	1901	2858.657	85.541
09/20/2002 13:00:00	2.641667	1902	2858.691	85.513
09/20/2002 13:00:05	2.643056	1903	2858.434	85.480
09/20/2002 13:00:10	2.644444	1904	2858.447	85.445
09/20/2002 13:00:15	2.645833	1905	2858.469	85.410
09/20/2002 13:00:20	2.647222	1906	2858.391	85.377
09/20/2002 13:00:25	2.648611	1907	2858.481	85.350
09/20/2002 13:00:30	2.650000	1908	2858.431	85.317
09/20/2002 13:00:35	2.651389	1909	2858.279	85.284
09/20/2002 13:00:40	2.652778	1910	2858.305	85.253
09/20/2002 13:00:45	2.654167	1911	2858.276	85.227
09/20/2002 13:00:50	2.655556	1912	2858.142	85.193
09/20/2002 13:00:55	2.656944	1913	2858.114	85.165

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:01:00	2.658333	1914	2858.092	85.137
09/20/2002 13:01:05	2.659722	1915	2857.896	85.105
09/20/2002 13:01:10	2.661111	1916	2858.102	85.076
09/20/2002 13:01:15	2.662500	1917	2858.044	85.038
09/20/2002 13:01:20	2.663889	1918	2857.996	85.012
09/20/2002 13:01:25	2.665278	1919	2858.061	84.987
09/20/2002 13:01:30	2.666667	1920	2858.111	84.952
09/20/2002 13:01:35	2.668056	1921	2857.950	84.922
09/20/2002 13:01:40	2.669444	1922	2858.090	84.896
09/20/2002 13:01:45	2.670833	1923	2858.074	84.864
09/20/2002 13:01:50	2.672222	1924	2858.034	84.838
09/20/2002 13:01:55	2.673611	1925	2858.109	84.810
09/20/2002 13:02:00	2.675000	1926	2858.112	84.784
09/20/2002 13:02:05	2.676389	1927	2857.960	84.742
09/20/2002 13:02:10	2.677778	1928	2857.994	84.723
09/20/2002 13:02:15	2.679167	1929	2858.026	84.692
09/20/2002 13:02:20	2.680556	1930	2858.199	84.662
09/20/2002 13:02:25	2.681944	1931	2858.129	84.638
09/20/2002 13:02:30	2.683333	1932	2858.143	84.611
09/20/2002 13:02:35	2.684722	1933	2858.153	84.584
09/20/2002 13:02:40	2.686111	1934	2858.033	84.551
09/20/2002 13:02:45	2.687500	1935	2858.114	84.524
09/20/2002 13:02:50	2.688889	1936	2858.055	84.491
09/20/2002 13:02:55	2.690278	1937	2858.051	84.465
09/20/2002 13:03:00	2.691667	1938	2857.949	84.435
09/20/2002 13:03:05	2.693056	1939	2857.959	84.408
09/20/2002 13:03:10	2.694444	1940	2858.016	84.380
09/20/2002 13:03:15	2.695833	1941	2857.976	84.347
09/20/2002 13:03:20	2.697222	1942	2857.839	84.320
09/20/2002 13:03:25	2.698611	1943	2857.878	84.294
09/20/2002 13:03:30	2.700000	1944	2857.879	84.268
09/20/2002 13:03:35	2.701389	1945	2857.850	84.238
09/20/2002 13:03:40	2.702778	1946	2857.838	84.212
09/20/2002 13:03:45	2.704167	1947	2857.772	84.184
09/20/2002 13:03:50	2.705556	1948	2857.709	84.161
09/20/2002 13:03:55	2.706944	1949	2857.716	84.133
09/20/2002 13:04:00	2.708333	1950	2857.624	84.108
09/20/2002 13:04:05	2.709722	1951	2857.654	84.078
09/20/2002 13:04:10	2.711111	1952	2857.538	84.053
09/20/2002 13:04:15	2.712500	1953	2857.565	84.022
09/20/2002 13:04:20	2.713889	1954	2857.515	83.999
09/20/2002 13:04:25	2.715278	1955	2857.480	83.972
09/20/2002 13:04:30	2.716667	1956	2857.574	83.948
09/20/2002 13:04:35	2.718056	1957	2857.655	83.923
09/20/2002 13:04:40	2.719444	1958	2857.558	83.891
09/20/2002 13:04:45	2.720833	1959	2857.597	83.870
09/20/2002 13:04:50	2.722222	1960	2857.588	83.849
09/20/2002 13:04:55	2.723611	1961	2857.675	83.822

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:05:00	2.725000	1962	2857.673	83.794
09/20/2002 13:05:05	2.726389	1963	2857.658	83.767
09/20/2002 13:05:10	2.727778	1964	2857.729	83.743
09/20/2002 13:05:15	2.729167	1965	2857.771	83.719
09/20/2002 13:05:20	2.730556	1966	2857.657	83.696
09/20/2002 13:05:25	2.731944	1967	2857.618	83.669
09/20/2002 13:05:30	2.733333	1968	2857.491	83.640
09/20/2002 13:05:35	2.734722	1969	2857.612	83.616
09/20/2002 13:05:40	2.736111	1970	2857.642	83.593
09/20/2002 13:05:45	2.737500	1971	2857.640	83.563
09/20/2002 13:05:50	2.738889	1972	2857.601	83.538
09/20/2002 13:05:55	2.740278	1973	2857.567	83.510
09/20/2002 13:06:00	2.741667	1974	2857.625	83.491
09/20/2002 13:06:05	2.743056	1975	2857.594	83.468
09/20/2002 13:06:10	2.744444	1976	2857.494	83.444
09/20/2002 13:06:15	2.745833	1977	2857.603	83.423
09/20/2002 13:06:20	2.747222	1978	2857.552	83.398
09/20/2002 13:06:25	2.748611	1979	2857.503	83.373
09/20/2002 13:06:30	2.750000	1980	2857.522	83.340
09/20/2002 13:06:35	2.751389	1981	2857.521	83.326
09/20/2002 13:06:40	2.752778	1982	2857.402	83.303
09/20/2002 13:06:45	2.754167	1983	2857.499	83.275
09/20/2002 13:06:50	2.755556	1984	2857.485	83.254
09/20/2002 13:06:55	2.756944	1985	2857.462	83.227
09/20/2002 13:07:00	2.758333	1986	2857.521	83.205
09/20/2002 13:07:05	2.759722	1987	2857.481	83.182
09/20/2002 13:07:10	2.761111	1988	2857.423	83.156
09/20/2002 13:07:15	2.762500	1989	2857.435	83.132
09/20/2002 13:07:20	2.763889	1990	2857.411	83.112
09/20/2002 13:07:25	2.765278	1991	2857.372	83.087
09/20/2002 13:07:30	2.766667	1992	2857.258	83.065
09/20/2002 13:07:35	2.768056	1993	2857.271	83.038
09/20/2002 13:07:40	2.769444	1994	2857.285	83.012
09/20/2002 13:07:45	2.770833	1995	2857.277	82.996
09/20/2002 13:07:50	2.772222	1996	2857.373	82.969
09/20/2002 13:07:55	2.773611	1997	2857.498	82.952
09/20/2002 13:08:00	2.775000	1998	2857.493	82.931
09/20/2002 13:08:05	2.776389	1999	2857.497	82.902
09/20/2002 13:08:10	2.777778	2000	2857.426	82.881
09/20/2002 13:08:15	2.779167	2001	2857.619	82.859
09/20/2002 13:08:20	2.780556	2002	2857.618	82.833
09/20/2002 13:08:25	2.781944	2003	2857.505	82.812
09/20/2002 13:08:30	2.783333	2004	2857.563	82.790
09/20/2002 13:08:35	2.784722	2005	2857.628	82.775
09/20/2002 13:08:40	2.786111	2006	2857.681	82.752
09/20/2002 13:08:45	2.787500	2007	2857.502	82.724
09/20/2002 13:08:50	2.788889	2008	2857.534	82.702
09/20/2002 13:08:55	2.790278	2009	2857.411	82.681

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:09:00	2.791667	2010	2857.371	82.654
09/20/2002 13:09:05	2.793056	2011	2857.362	82.633
09/20/2002 13:09:10	2.794444	2012	2857.264	82.610
09/20/2002 13:09:15	2.795833	2013	2857.401	82.594
09/20/2002 13:09:20	2.797222	2014	2857.413	82.565
09/20/2002 13:09:25	2.798611	2015	2857.316	82.546
09/20/2002 13:09:30	2.800000	2016	2857.457	82.526
09/20/2002 13:09:35	2.801389	2017	2857.556	82.510
09/20/2002 13:09:40	2.802778	2018	2857.486	82.485
09/20/2002 13:09:45	2.804167	2019	2857.623	82.463
09/20/2002 13:09:50	2.805556	2020	2857.608	82.444
09/20/2002 13:09:55	2.806944	2021	2857.506	82.419
09/20/2002 13:10:00	2.808333	2022	2857.597	82.399
09/20/2002 13:10:05	2.809722	2023	2857.590	82.381
09/20/2002 13:10:10	2.811111	2024	2857.580	82.364
09/20/2002 13:10:15	2.812500	2025	2857.598	82.341
09/20/2002 13:10:20	2.813889	2026	2857.566	82.318
09/20/2002 13:10:25	2.815278	2027	2857.520	82.296
09/20/2002 13:10:30	2.816667	2028	2857.661	82.280
09/20/2002 13:10:35	2.818056	2029	2857.690	82.259
09/20/2002 13:10:40	2.819444	2030	2857.674	82.235
09/20/2002 13:10:45	2.820833	2031	2857.715	82.218
09/20/2002 13:10:50	2.822222	2032	2857.774	82.196
09/20/2002 13:10:55	2.823611	2033	2857.763	82.172
09/20/2002 13:11:00	2.825000	2034	2857.850	82.153
09/20/2002 13:11:05	2.826389	2035	2857.830	82.135
09/20/2002 13:11:10	2.827778	2036	2857.889	82.110
09/20/2002 13:11:15	2.829167	2037	2857.936	82.100
09/20/2002 13:11:20	2.830556	2038	2857.734	82.070
09/20/2002 13:11:25	2.831944	2039	2857.790	82.056
09/20/2002 13:11:30	2.833333	2040	2857.822	82.031
09/20/2002 13:11:35	2.834722	2041	2857.780	82.013
09/20/2002 13:11:40	2.836111	2042	2857.830	81.993
09/20/2002 13:11:45	2.837500	2043	2857.901	81.973
09/20/2002 13:11:50	2.838889	2044	2857.727	81.953
09/20/2002 13:11:55	2.840278	2045	2857.940	81.941
09/20/2002 13:12:00	2.841667	2046	2857.870	81.912
09/20/2002 13:12:05	2.843056	2047	2857.810	81.902
09/20/2002 13:12:10	2.844444	2048	2857.791	81.876
09/20/2002 13:12:15	2.845833	2049	2857.760	81.858
09/20/2002 13:12:20	2.847222	2050	2857.668	81.836
09/20/2002 13:12:25	2.848611	2051	2857.699	81.822
09/20/2002 13:12:30	2.850000	2052	2857.544	81.802
09/20/2002 13:12:35	2.851389	2053	2857.601	81.780
09/20/2002 13:12:40	2.852778	2054	2857.519	81.762
09/20/2002 13:12:45	2.854167	2055	2857.614	81.748
09/20/2002 13:12:50	2.855556	2056	2857.672	81.724
09/20/2002 13:12:55	2.856944	2057	2857.747	81.709

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:13:00	2.858333	2058	2857.814	81.686
09/20/2002 13:13:05	2.859722	2059	2857.908	81.670
09/20/2002 13:13:10	2.861111	2060	2857.898	81.656
09/20/2002 13:13:15	2.862500	2061	2857.871	81.635
09/20/2002 13:13:20	2.863889	2062	2857.848	81.616
09/20/2002 13:13:25	2.865278	2063	2857.980	81.600
09/20/2002 13:13:30	2.866667	2064	2858.044	81.582
09/20/2002 13:13:35	2.868056	2065	2858.175	81.561
09/20/2002 13:13:40	2.869444	2066	2858.257	81.545
09/20/2002 13:13:45	2.870833	2067	2858.231	81.524
09/20/2002 13:13:50	2.872222	2068	2858.234	81.504
09/20/2002 13:13:55	2.873611	2069	2858.161	81.488
09/20/2002 13:14:00	2.875000	2070	2858.006	81.463
09/20/2002 13:14:05	2.876389	2071	2857.978	81.449
09/20/2002 13:14:10	2.877778	2072	2858.094	81.429
09/20/2002 13:14:15	2.879167	2073	2858.108	81.411
09/20/2002 13:14:20	2.880556	2074	2857.972	81.390
09/20/2002 13:14:25	2.881944	2075	2858.089	81.373
09/20/2002 13:14:30	2.883333	2076	2858.111	81.352
09/20/2002 13:14:35	2.884722	2077	2858.016	81.329
09/20/2002 13:14:40	2.886111	2078	2857.927	81.318
09/20/2002 13:14:45	2.887500	2079	2857.949	81.302
09/20/2002 13:14:50	2.888889	2080	2858.026	81.281
09/20/2002 13:14:55	2.890278	2081	2858.100	81.263
09/20/2002 13:15:00	2.891667	2082	2858.084	81.248
09/20/2002 13:15:05	2.893056	2083	2858.182	81.230
09/20/2002 13:15:10	2.894444	2084	2858.286	81.217
09/20/2002 13:15:15	2.895833	2085	2858.198	81.201
09/20/2002 13:15:20	2.897222	2086	2858.179	81.185
09/20/2002 13:15:25	2.898611	2087	2858.164	81.167
09/20/2002 13:15:30	2.900000	2088	2858.246	81.150
09/20/2002 13:15:35	2.901389	2089	2858.258	81.134
09/20/2002 13:15:40	2.902778	2090	2858.320	81.118
09/20/2002 13:15:45	2.904167	2091	2858.326	81.100
09/20/2002 13:15:50	2.905556	2092	2858.401	81.091
09/20/2002 13:15:55	2.906944	2093	2858.502	81.072
09/20/2002 13:16:00	2.908333	2094	2858.496	81.062
09/20/2002 13:16:05	2.909722	2095	2858.513	81.047
09/20/2002 13:16:10	2.911111	2096	2861.459	81.023
09/20/2002 13:16:15	2.912500	2097	2875.223	81.019
09/20/2002 13:16:20	2.913889	2098	2881.565	81.031
09/20/2002 13:16:25	2.915278	2099	2884.553	81.051
09/20/2002 13:16:30	2.916667	2100	2897.952	81.041
09/20/2002 13:16:35	2.918056	2101	2896.368	80.992
09/20/2002 13:16:40	2.919444	2102	2895.615	80.891
09/20/2002 13:16:45	2.920833	2103	2895.352	80.775
09/20/2002 13:16:50	2.922222	2104	2895.628	80.654
09/20/2002 13:16:55	2.923611	2105	2896.182	80.537

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:17:00	2.925000	2106	2900.418	80.418
09/20/2002 13:17:05	2.926389	2107	2904.921	80.308
09/20/2002 13:17:10	2.927778	2108	2905.362	80.202
09/20/2002 13:17:15	2.929167	2109	2905.802	80.098
09/20/2002 13:17:20	2.930556	2110	2906.154	79.982
09/20/2002 13:17:25	2.931944	2111	2908.793	79.868
09/20/2002 13:17:30	2.933333	2112	2908.822	79.754
09/20/2002 13:17:35	2.934722	2113	2909.240	79.636
09/20/2002 13:17:40	2.936111	2114	2909.232	79.508
09/20/2002 13:17:45	2.937500	2115	2911.615	79.386
09/20/2002 13:17:50	2.938889	2116	2911.418	79.268
09/20/2002 13:17:55	2.940278	2117	2911.374	79.147
09/20/2002 13:18:00	2.941667	2118	2911.818	79.032
09/20/2002 13:18:05	2.943056	2119	2912.135	78.917
09/20/2002 13:18:10	2.944444	2120	2912.027	78.805
09/20/2002 13:18:15	2.945833	2121	2912.013	78.703
09/20/2002 13:18:20	2.947222	2122	2913.318	78.599
09/20/2002 13:18:25	2.948611	2123	2913.836	78.497
09/20/2002 13:18:30	2.950000	2124	2913.642	78.394
09/20/2002 13:18:35	2.951389	2125	2913.836	78.302
09/20/2002 13:18:40	2.952778	2126	2914.129	78.210
09/20/2002 13:18:45	2.954167	2127	2914.230	78.124
09/20/2002 13:18:50	2.955556	2128	2914.219	78.041
09/20/2002 13:18:55	2.956944	2129	2914.469	77.951
09/20/2002 13:19:00	2.958333	2130	2914.392	77.873
09/20/2002 13:19:05	2.959722	2131	2915.116	77.794
09/20/2002 13:19:10	2.961111	2132	2915.003	77.719
09/20/2002 13:19:15	2.962500	2133	2915.234	77.649
09/20/2002 13:19:20	2.963889	2134	2915.506	77.575
09/20/2002 13:19:25	2.965278	2135	2915.604	77.506
09/20/2002 13:19:30	2.966667	2136	2915.791	77.443
09/20/2002 13:19:35	2.968056	2137	2915.907	77.379
09/20/2002 13:19:40	2.969444	2138	2915.847	77.325
09/20/2002 13:19:45	2.970833	2139	2916.184	77.270
09/20/2002 13:19:50	2.972222	2140	2916.002	77.220
09/20/2002 13:19:55	2.973611	2141	2916.421	77.170
09/20/2002 13:20:00	2.975000	2142	2916.250	77.121
09/20/2002 13:20:05	2.976389	2143	2916.536	77.078
09/20/2002 13:20:10	2.977778	2144	2916.530	77.039
09/20/2002 13:20:15	2.979167	2145	2916.433	77.003
09/20/2002 13:20:20	2.980556	2146	2916.743	76.967
09/20/2002 13:20:25	2.981944	2147	2916.854	76.936
09/20/2002 13:20:30	2.983333	2148	2916.573	76.908
09/20/2002 13:20:35	2.984722	2149	2916.656	76.884
09/20/2002 13:20:40	2.986111	2150	2916.901	76.854
09/20/2002 13:20:45	2.987500	2151	2916.799	76.836
09/20/2002 13:20:50	2.988889	2152	2916.782	76.813
09/20/2002 13:20:55	2.990278	2153	2916.445	76.794

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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:21:00	2.991667	2154	2917.033	76.781
09/20/2002 13:21:05	2.993056	2155	2916.977	76.763
09/20/2002 13:21:10	2.994444	2156	2917.233	76.750
09/20/2002 13:21:15	2.995833	2157	2917.412	76.739
09/20/2002 13:21:20	2.997222	2158	2917.423	76.730
09/20/2002 13:21:25	2.998611	2159	2917.539	76.713
09/20/2002 13:21:30	3.000000	2160	2917.761	76.706
09/20/2002 13:21:35	3.001389	2161	2917.955	76.695
09/20/2002 13:21:40	3.002778	2162	2917.838	76.681
09/20/2002 13:21:45	3.004167	2163	2918.350	76.676
09/20/2002 13:21:50	3.005556	2164	2918.143	76.670
09/20/2002 13:21:55	3.006944	2165	2918.439	76.666
09/20/2002 13:22:00	3.008333	2166	2918.605	76.666
09/20/2002 13:22:05	3.009722	2167	2918.639	76.659
09/20/2002 13:22:10	3.011111	2168	2918.760	76.658
09/20/2002 13:22:15	3.012500	2169	2918.452	76.652
09/20/2002 13:22:20	3.013889	2170	2919.018	76.654
09/20/2002 13:22:25	3.015278	2171	2918.913	76.650
09/20/2002 13:22:30	3.016667	2172	2918.968	76.649
09/20/2002 13:22:35	3.018056	2173	2919.048	76.644
09/20/2002 13:22:40	3.019444	2174	2919.066	76.639
09/20/2002 13:22:45	3.020833	2175	2918.885	76.632
09/20/2002 13:22:50	3.022222	2176	2918.807	76.628
09/20/2002 13:22:55	3.023611	2177	2919.162	76.623
09/20/2002 13:23:00	3.025000	2178	2918.825	76.614
09/20/2002 13:23:05	3.026389	2179	2918.971	76.612
09/20/2002 13:23:10	3.027778	2180	2918.981	76.602
09/20/2002 13:23:15	3.029167	2181	2918.967	76.596
09/20/2002 13:23:20	3.030556	2182	2918.651	76.588
09/20/2002 13:23:25	3.031944	2183	2918.704	76.577
09/20/2002 13:23:30	3.033333	2184	2918.693	76.572
09/20/2002 13:23:35	3.034722	2185	2918.741	76.562
09/20/2002 13:23:40	3.036111	2186	2918.634	76.552
09/20/2002 13:23:45	3.037500	2187	2918.582	76.540
09/20/2002 13:23:50	3.038889	2188	2918.839	76.532
09/20/2002 13:23:55	3.040278	2189	2918.813	76.518
09/20/2002 13:24:00	3.041667	2190	2918.930	76.507
09/20/2002 13:24:05	3.043056	2191	2918.531	76.498
09/20/2002 13:24:10	3.044444	2192	2918.491	76.488
09/20/2002 13:24:15	3.045833	2193	2918.605	76.475
09/20/2002 13:24:20	3.047222	2194	2918.638	76.465
09/20/2002 13:24:25	3.048611	2195	2918.369	76.449
09/20/2002 13:24:30	3.050000	2196	2918.471	76.442
09/20/2002 13:24:35	3.051389	2197	2918.238	76.431
09/20/2002 13:24:40	3.052778	2198	2918.419	76.430
09/20/2002 13:24:45	3.054167	2199	2918.449	76.413
09/20/2002 13:24:50	3.055556	2200	2918.474	76.404
09/20/2002 13:24:55	3.056944	2201	2918.711	76.389

Company Name: J. M. [illegible]UBER
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:25:00	3.058333	2202	2918.424	76.380
09/20/2002 13:25:05	3.059722	2203	2918.100	76.368
09/20/2002 13:25:10	3.061111	2204	2918.061	76.361
09/20/2002 13:25:15	3.062500	2205	2918.719	76.349
09/20/2002 13:25:20	3.063889	2206	2918.709	76.337
09/20/2002 13:25:25	3.065278	2207	2918.235	76.337
09/20/2002 13:25:30	3.066667	2208	2918.178	76.325
09/20/2002 13:25:35	3.068056	2209	2918.607	76.317
09/20/2002 13:25:40	3.069444	2210	2918.477	76.307
09/20/2002 13:25:45	3.070833	2211	2918.596	76.292
09/20/2002 13:25:50	3.072222	2212	2918.328	76.284
09/20/2002 13:25:55	3.073611	2213	2918.230	76.270
09/20/2002 13:26:00	3.075000	2214	2918.474	76.263
09/20/2002 13:26:05	3.076389	2215	2918.644	76.255
09/20/2002 13:26:10	3.077778	2216	2918.326	76.247
09/20/2002 13:26:15	3.079167	2217	2918.546	76.242
09/20/2002 13:26:20	3.080556	2218	2918.585	76.231
09/20/2002 13:26:25	3.081944	2219	2918.619	76.216
09/20/2002 13:26:30	3.083333	2220	2918.707	76.213
09/20/2002 13:26:35	3.084722	2221	2918.496	76.198
09/20/2002 13:26:40	3.086111	2222	2918.761	76.190
09/20/2002 13:26:45	3.087500	2223	2919.007	76.182
09/20/2002 13:26:50	3.088889	2224	2918.963	76.174
09/20/2002 13:26:55	3.090278	2225	2918.618	76.160
09/20/2002 13:27:00	3.091667	2226	2918.880	76.154
09/20/2002 13:27:05	3.093056	2227	2918.767	76.145
09/20/2002 13:27:10	3.094444	2228	2918.798	76.137
09/20/2002 13:27:15	3.095833	2229	2918.754	76.127
09/20/2002 13:27:20	3.097222	2230	2918.299	76.113
09/20/2002 13:27:25	3.098611	2231	2918.319	76.106
09/20/2002 13:27:30	3.100000	2232	2918.585	76.094
09/20/2002 13:27:35	3.101389	2233	2918.647	76.089
09/20/2002 13:27:40	3.102778	2234	2918.946	76.077
09/20/2002 13:27:45	3.104167	2235	2918.876	76.068
09/20/2002 13:27:50	3.105556	2236	2918.900	76.060
09/20/2002 13:27:55	3.106944	2237	2918.990	76.052
09/20/2002 13:28:00	3.108333	2238	2918.829	76.041
09/20/2002 13:28:05	3.109722	2239	2919.042	76.032
09/20/2002 13:28:10	3.111111	2240	2919.042	76.023
09/20/2002 13:28:15	3.112500	2241	2919.070	76.015
09/20/2002 13:28:20	3.113889	2242	2919.234	76.006
09/20/2002 13:28:25	3.115278	2243	2919.125	75.993
09/20/2002 13:28:30	3.116667	2244	2919.253	75.991
09/20/2002 13:28:35	3.118056	2245	2919.132	75.977
09/20/2002 13:28:40	3.119444	2246	2919.036	75.971
09/20/2002 13:28:45	3.120833	2247	2919.190	75.962
09/20/2002 13:28:50	3.122222	2248	2918.892	75.953
09/20/2002 13:28:55	3.123611	2249	2919.064	75.944

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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:29:00	3.125000	2250	2918.739	75.933
09/20/2002 13:29:05	3.126389	2251	2919.079	75.928
09/20/2002 13:29:10	3.127778	2252	2919.051	75.922
09/20/2002 13:29:15	3.129167	2253	2918.971	75.917
09/20/2002 13:29:20	3.130556	2254	2918.868	75.903
09/20/2002 13:29:25	3.131944	2255	2918.992	75.901
09/20/2002 13:29:30	3.133333	2256	2918.972	75.891
09/20/2002 13:29:35	3.134722	2257	2919.037	75.886
09/20/2002 13:29:40	3.136111	2258	2919.086	75.881
09/20/2002 13:29:45	3.137500	2259	2918.860	75.872
09/20/2002 13:29:50	3.138889	2260	2918.941	75.866
09/20/2002 13:29:55	3.140278	2261	2918.824	75.859
09/20/2002 13:30:00	3.141667	2262	2918.625	75.852
09/20/2002 13:30:05	3.143056	2263	2918.796	75.841
09/20/2002 13:30:10	3.144444	2264	2918.704	75.839
09/20/2002 13:30:15	3.145833	2265	2918.681	75.831
09/20/2002 13:30:20	3.147222	2266	2918.434	75.825
09/20/2002 13:30:25	3.148611	2267	2918.345	75.814
09/20/2002 13:30:30	3.150000	2268	2918.365	75.805
09/20/2002 13:30:35	3.151389	2269	2918.519	75.802
09/20/2002 13:30:40	3.152778	2270	2918.717	75.797
09/20/2002 13:30:45	3.154167	2271	2918.659	75.784
09/20/2002 13:30:50	3.155556	2272	2918.698	75.786
09/20/2002 13:30:55	3.156944	2273	2918.559	75.774
09/20/2002 13:31:00	3.158333	2274	2918.615	75.767
09/20/2002 13:31:05	3.159722	2275	2918.542	75.766
09/20/2002 13:31:10	3.161111	2276	2918.744	75.749
09/20/2002 13:31:15	3.162500	2277	2918.493	75.750
09/20/2002 13:31:20	3.163889	2278	2918.503	75.744
09/20/2002 13:31:25	3.165278	2279	2918.431	75.735
09/20/2002 13:31:30	3.166667	2280	2918.348	75.725
09/20/2002 13:31:35	3.168056	2281	2918.350	75.719
09/20/2002 13:31:40	3.169444	2282	2918.468	75.719
09/20/2002 13:31:45	3.170833	2283	2918.640	75.713
09/20/2002 13:31:50	3.172222	2284	2918.498	75.705
09/20/2002 13:31:55	3.173611	2285	2918.476	75.702
09/20/2002 13:32:00	3.175000	2286	2918.405	75.700
09/20/2002 13:32:05	3.176389	2287	2918.315	75.697
09/20/2002 13:32:10	3.177778	2288	2918.387	75.691
09/20/2002 13:32:15	3.179167	2289	2918.379	75.682
09/20/2002 13:32:20	3.180556	2290	2918.383	75.684
09/20/2002 13:32:25	3.181944	2291	2918.730	75.677
09/20/2002 13:32:30	3.183333	2292	2918.642	75.666
09/20/2002 13:32:35	3.184722	2293	2918.551	75.661
09/20/2002 13:32:40	3.186111	2294	2918.186	75.659
09/20/2002 13:32:45	3.187500	2295	2918.337	75.654
09/20/2002 13:32:50	3.188889	2296	2918.218	75.644
09/20/2002 13:32:55	3.190278	2297	2918.674	75.646

Company Name: J. M. [illegible]UBER
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Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:33:00	3.191667	2298	2918.475	75.637
09/20/2002 13:33:05	3.193056	2299	2918.548	75.632
09/20/2002 13:33:10	3.194444	2300	2918.694	75.625
09/20/2002 13:33:15	3.195833	2301	2918.628	75.626
09/20/2002 13:33:20	3.197222	2302	2918.768	75.626
09/20/2002 13:33:25	3.198611	2303	2918.286	75.610
09/20/2002 13:33:30	3.200000	2304	2918.469	75.604
09/20/2002 13:33:35	3.201389	2305	2918.409	75.601
09/20/2002 13:33:40	3.202778	2306	2918.216	75.597
09/20/2002 13:33:45	3.204167	2307	2918.455	75.594
09/20/2002 13:33:50	3.205556	2308	2918.488	75.583
09/20/2002 13:33:55	3.206944	2309	2918.555	75.583
09/20/2002 13:34:00	3.208333	2310	2918.864	75.575
09/20/2002 13:34:05	3.209722	2311	2918.539	75.573
09/20/2002 13:34:10	3.211111	2312	2918.490	75.564
09/20/2002 13:34:15	3.212500	2313	2918.513	75.560
09/20/2002 13:34:20	3.213889	2314	2918.451	75.556
09/20/2002 13:34:25	3.215278	2315	2918.676	75.550
09/20/2002 13:34:30	3.216667	2316	2918.617	75.548
09/20/2002 13:34:35	3.218056	2317	2918.911	75.540
09/20/2002 13:34:40	3.219444	2318	2918.742	75.543
09/20/2002 13:34:45	3.220833	2319	2918.807	75.537
09/20/2002 13:34:50	3.222222	2320	2919.077	75.529
09/20/2002 13:34:55	3.223611	2321	2919.074	75.527
09/20/2002 13:35:00	3.225000	2322	2918.722	75.530
09/20/2002 13:35:05	3.226389	2323	2918.542	75.518
09/20/2002 13:35:10	3.227778	2324	2918.754	75.519
09/20/2002 13:35:15	3.229167	2325	2918.823	75.517
09/20/2002 13:35:20	3.230556	2326	2918.624	75.507
09/20/2002 13:35:25	3.231944	2327	2918.893	75.504
09/20/2002 13:35:30	3.233333	2328	2918.890	75.499
09/20/2002 13:35:35	3.234722	2329	2919.337	75.493
09/20/2002 13:35:40	3.236111	2330	2919.208	75.490
09/20/2002 13:35:45	3.237500	2331	2919.358	75.491
09/20/2002 13:35:50	3.238889	2332	2919.552	75.480
09/20/2002 13:35:55	3.240278	2333	2919.252	75.480
09/20/2002 13:36:00	3.241667	2334	2918.828	75.475
09/20/2002 13:36:05	3.243056	2335	2918.760	75.471
09/20/2002 13:36:10	3.244444	2336	2918.924	75.472
09/20/2002 13:36:15	3.245833	2337	2919.136	75.467
09/20/2002 13:36:20	3.247222	2338	2919.028	75.457
09/20/2002 13:36:25	3.248611	2339	2919.328	75.456
09/20/2002 13:36:30	3.250000	2340	2919.168	75.451
09/20/2002 13:36:35	3.251389	2341	2919.280	75.444
09/20/2002 13:36:40	3.252778	2342	2919.469	75.447
09/20/2002 13:36:45	3.254167	2343	2919.431	75.439
09/20/2002 13:36:50	3.255556	2344	2919.231	75.439
09/20/2002 13:36:55	3.256944	2345	2918.814	75.435

Company Name: J. M. [redacted]UBER
Run Depth: 5735'

Loca[redacted]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:37:00	3.258333	2346	2919.045	75.433
09/20/2002 13:37:05	3.259722	2347	2919.028	75.431
09/20/2002 13:37:10	3.261111	2348	2919.315	75.429
09/20/2002 13:37:15	3.262500	2349	2919.354	75.425
09/20/2002 13:37:20	3.263889	2350	2919.205	75.418
09/20/2002 13:37:25	3.265278	2351	2919.262	75.417
09/20/2002 13:37:30	3.266667	2352	2919.444	75.417
09/20/2002 13:37:35	3.268056	2353	2919.422	75.415
09/20/2002 13:37:40	3.269444	2354	2919.448	75.413
09/20/2002 13:37:45	3.270833	2355	2919.403	75.403
09/20/2002 13:37:50	3.272222	2356	2919.567	75.407
09/20/2002 13:37:55	3.273611	2357	2919.205	75.402
09/20/2002 13:38:00	3.275000	2358	2919.436	75.398
09/20/2002 13:38:05	3.276389	2359	2919.377	75.399
09/20/2002 13:38:10	3.277778	2360	2919.498	75.396
09/20/2002 13:38:15	3.279167	2361	2919.731	75.393
09/20/2002 13:38:20	3.280556	2362	2919.708	75.389
09/20/2002 13:38:25	3.281944	2363	2919.899	75.389
09/20/2002 13:38:30	3.283333	2364	2919.587	75.386
09/20/2002 13:38:35	3.284722	2365	2919.726	75.378
09/20/2002 13:38:40	3.286111	2366	2919.724	75.378
09/20/2002 13:38:45	3.287500	2367	2919.660	75.371
09/20/2002 13:38:50	3.288889	2368	2919.128	75.372
09/20/2002 13:38:55	3.290278	2369	2919.136	75.369
09/20/2002 13:39:00	3.291667	2370	2919.286	75.365
09/20/2002 13:39:05	3.293056	2371	2919.349	75.357
09/20/2002 13:39:10	3.294444	2372	2919.195	75.355
09/20/2002 13:39:15	3.295833	2373	2919.200	75.351
09/20/2002 13:39:20	3.297222	2374	2919.462	75.347
09/20/2002 13:39:25	3.298611	2375	2919.595	75.343
09/20/2002 13:39:30	3.300000	2376	2919.726	75.344
09/20/2002 13:39:35	3.301389	2377	2919.491	75.340
09/20/2002 13:39:40	3.302778	2378	2919.613	75.339
09/20/2002 13:39:45	3.304167	2379	2919.425	75.334
09/20/2002 13:39:50	3.305556	2380	2919.556	75.331
09/20/2002 13:39:55	3.306944	2381	2919.459	75.331
09/20/2002 13:40:00	3.308333	2382	2919.476	75.328
09/20/2002 13:40:05	3.309722	2383	2919.914	75.328
09/20/2002 13:40:10	3.311111	2384	2919.805	75.322
09/20/2002 13:40:15	3.312500	2385	2919.812	75.315
09/20/2002 13:40:20	3.313889	2386	2920.031	75.315
09/20/2002 13:40:25	3.315278	2387	2919.999	75.312
09/20/2002 13:40:30	3.316667	2388	2919.993	75.312
09/20/2002 13:40:35	3.318056	2389	2919.533	75.312
09/20/2002 13:40:40	3.319444	2390	2919.728	75.306
09/20/2002 13:40:45	3.320833	2391	2919.680	75.306
09/20/2002 13:40:50	3.322222	2392	2919.577	75.302
09/20/2002 13:40:55	3.323611	2393	2919.765	75.299

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:41:00	3.325000	2394	2919.613	75.303
09/20/2002 13:41:05	3.326389	2395	2920.163	75.298
09/20/2002 13:41:10	3.327778	2396	2919.960	75.298
09/20/2002 13:41:15	3.329167	2397	2920.108	75.298
09/20/2002 13:41:20	3.330556	2398	2920.124	75.296
09/20/2002 13:41:25	3.331944	2399	2919.859	75.292
09/20/2002 13:41:30	3.333333	2400	2919.590	75.294
09/20/2002 13:41:35	3.334722	2401	2919.525	75.299
09/20/2002 13:41:40	3.336111	2402	2919.609	75.291
09/20/2002 13:41:45	3.337500	2403	2919.781	75.293
09/20/2002 13:41:50	3.338889	2404	2919.776	75.287
09/20/2002 13:41:55	3.340278	2405	2920.242	75.289
09/20/2002 13:42:00	3.341667	2406	2920.026	75.274
09/20/2002 13:42:05	3.343056	2407	2920.122	75.270
09/20/2002 13:42:10	3.344444	2408	2919.794	75.258
09/20/2002 13:42:15	3.345833	2409	2919.963	75.245
09/20/2002 13:42:20	3.347222	2410	2919.979	75.227
09/20/2002 13:42:25	3.348611	2411	2919.723	75.218
09/20/2002 13:42:30	3.350000	2412	2919.833	75.202
09/20/2002 13:42:35	3.351389	2413	2919.670	75.182
09/20/2002 13:42:40	3.352778	2414	2920.106	75.169
09/20/2002 13:42:45	3.354167	2415	2920.009	75.145
09/20/2002 13:42:50	3.355556	2416	2919.988	75.134
09/20/2002 13:42:55	3.356944	2417	2920.278	75.116
09/20/2002 13:43:00	3.358333	2418	2920.180	75.097
09/20/2002 13:43:05	3.359722	2419	2920.111	75.070
09/20/2002 13:43:10	3.361111	2420	2920.184	75.052
09/20/2002 13:43:15	3.362500	2421	2920.005	75.034
09/20/2002 13:43:20	3.363889	2422	2919.714	74.998
09/20/2002 13:43:25	3.365278	2423	2919.514	74.971
09/20/2002 13:43:30	3.366667	2424	2919.668	74.927
09/20/2002 13:43:35	3.368056	2425	2919.708	74.885
09/20/2002 13:43:40	3.369444	2426	2919.922	74.840
09/20/2002 13:43:45	3.370833	2427	2919.902	74.783
09/20/2002 13:43:50	3.372222	2428	2919.691	74.724
09/20/2002 13:43:55	3.373611	2429	2919.658	74.665
09/20/2002 13:44:00	3.375000	2430	2919.653	74.614
09/20/2002 13:44:05	3.376389	2431	2919.477	74.555
09/20/2002 13:44:10	3.377778	2432	2919.497	74.506
09/20/2002 13:44:15	3.379167	2433	2919.497	74.449
09/20/2002 13:44:20	3.380556	2434	2919.806	74.400
09/20/2002 13:44:25	3.381944	2435	2919.739	74.354
09/20/2002 13:44:30	3.383333	2436	2919.820	74.321
09/20/2002 13:44:35	3.384722	2437	2919.992	74.286
09/20/2002 13:44:40	3.386111	2438	2919.983	74.255
09/20/2002 13:44:45	3.387500	2439	2920.058	74.224
09/20/2002 13:44:50	3.388889	2440	2919.658	74.203
09/20/2002 13:44:55	3.390278	2441	2919.861	74.185

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:45:00	3.391667	2442	2919.973	74.164
09/20/2002 13:45:05	3.393056	2443	2919.911	74.147
09/20/2002 13:45:10	3.394444	2444	2919.944	74.131
09/20/2002 13:45:15	3.395833	2445	2920.350	74.120
09/20/2002 13:45:20	3.397222	2446	2920.242	74.104
09/20/2002 13:45:25	3.398611	2447	2920.267	74.091
09/20/2002 13:45:30	3.400000	2448	2920.574	74.082
09/20/2002 13:45:35	3.401389	2449	2921.173	74.076
09/20/2002 13:45:40	3.402778	2450	2921.844	74.072
09/20/2002 13:45:45	3.404167	2451	2922.355	74.073
09/20/2002 13:45:50	3.405556	2452	2922.916	74.069
09/20/2002 13:45:55	3.406944	2453	2923.919	74.060
09/20/2002 13:46:00	3.408333	2454	2924.039	74.053
09/20/2002 13:46:05	3.409722	2455	2924.013	74.031
09/20/2002 13:46:10	3.411111	2456	2924.188	74.013
09/20/2002 13:46:15	3.412500	2457	2924.097	73.985
09/20/2002 13:46:20	3.413889	2458	2924.426	73.958
09/20/2002 13:46:25	3.415278	2459	2924.515	73.934
09/20/2002 13:46:30	3.416667	2460	2924.606	73.912
09/20/2002 13:46:35	3.418056	2461	2924.716	73.882
09/20/2002 13:46:40	3.419444	2462	2924.780	73.864
09/20/2002 13:46:45	3.420833	2463	2925.206	73.837
09/20/2002 13:46:50	3.422222	2464	2926.214	73.823
09/20/2002 13:46:55	3.423611	2465	2926.729	73.811
09/20/2002 13:47:00	3.425000	2466	2926.497	73.804
09/20/2002 13:47:05	3.426389	2467	2926.844	73.784
09/20/2002 13:47:10	3.427778	2468	2927.153	73.769
09/20/2002 13:47:15	3.429167	2469	2927.975	73.749
09/20/2002 13:47:20	3.430556	2470	2928.707	73.733
09/20/2002 13:47:25	3.431944	2471	2929.160	73.731
09/20/2002 13:47:30	3.433333	2472	2929.825	73.711
09/20/2002 13:47:35	3.434722	2473	2930.182	73.691
09/20/2002 13:47:40	3.436111	2474	2930.174	73.673
09/20/2002 13:47:45	3.437500	2475	2930.512	73.647
09/20/2002 13:47:50	3.438889	2476	2930.770	73.628
09/20/2002 13:47:55	3.440278	2477	2931.033	73.609
09/20/2002 13:48:00	3.441667	2478	2931.383	73.583
09/20/2002 13:48:05	3.443056	2479	2931.559	73.560
09/20/2002 13:48:10	3.444444	2480	2931.535	73.543
09/20/2002 13:48:15	3.445833	2481	2931.636	73.519
09/20/2002 13:48:20	3.447222	2482	2931.861	73.493
09/20/2002 13:48:25	3.448611	2483	2931.892	73.472
09/20/2002 13:48:30	3.450000	2484	2932.205	73.455
09/20/2002 13:48:35	3.451389	2485	2932.340	73.431
09/20/2002 13:48:40	3.452778	2486	2932.813	73.406
09/20/2002 13:48:45	3.454167	2487	2933.076	73.379
09/20/2002 13:48:50	3.455556	2488	2933.020	73.356
09/20/2002 13:48:55	3.456944	2489	2933.132	73.342

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:49:00	3.458333	2490	2933.069	73.311
09/20/2002 13:49:05	3.459722	2491	2932.974	73.298
09/20/2002 13:49:10	3.461111	2492	2933.263	73.281
09/20/2002 13:49:15	3.462500	2493	2933.270	73.264
09/20/2002 13:49:20	3.463889	2494	2933.112	73.244
09/20/2002 13:49:25	3.465278	2495	2933.207	73.227
09/20/2002 13:49:30	3.466667	2496	2933.385	73.214
09/20/2002 13:49:35	3.468056	2497	2933.225	73.202
09/20/2002 13:49:40	3.469444	2498	2933.527	73.193
09/20/2002 13:49:45	3.470833	2499	2933.552	73.181
09/20/2002 13:49:50	3.472222	2500	2933.669	73.174
09/20/2002 13:49:55	3.473611	2501	2933.722	73.162
09/20/2002 13:50:00	3.475000	2502	2933.643	73.159
09/20/2002 13:50:05	3.476389	2503	2933.875	73.153
09/20/2002 13:50:10	3.477778	2504	2934.027	73.147
09/20/2002 13:50:15	3.479167	2505	2933.904	73.141
09/20/2002 13:50:20	3.480556	2506	2934.156	73.139
09/20/2002 13:50:25	3.481944	2507	2934.260	73.139
09/20/2002 13:50:30	3.483333	2508	2934.036	73.137
09/20/2002 13:50:35	3.484722	2509	2934.189	73.129
09/20/2002 13:50:40	3.486111	2510	2934.192	73.127
09/20/2002 13:50:45	3.487500	2511	2934.088	73.130
09/20/2002 13:50:50	3.488889	2512	2934.085	73.128
09/20/2002 13:50:55	3.490278	2513	2933.817	73.129
09/20/2002 13:51:00	3.491667	2514	2933.798	73.131
09/20/2002 13:51:05	3.493056	2515	2933.815	73.137
09/20/2002 13:51:10	3.494444	2516	2933.794	73.136
09/20/2002 13:51:15	3.495833	2517	2934.015	73.132
09/20/2002 13:51:20	3.497222	2518	2934.159	73.144
09/20/2002 13:51:25	3.498611	2519	2933.875	73.133
09/20/2002 13:51:30	3.500000	2520	2933.933	73.139
09/20/2002 13:51:35	3.501389	2521	2933.888	73.143
09/20/2002 13:51:40	3.502778	2522	2934.096	73.143
09/20/2002 13:51:45	3.504167	2523	2934.050	73.139
09/20/2002 13:51:50	3.505556	2524	2933.915	73.139
09/20/2002 13:51:55	3.506944	2525	2934.080	73.144
09/20/2002 13:52:00	3.508333	2526	2933.805	73.143
09/20/2002 13:52:05	3.509722	2527	2933.845	73.146
09/20/2002 13:52:10	3.511111	2528	2933.579	73.146
09/20/2002 13:52:15	3.512500	2529	2933.719	73.144
09/20/2002 13:52:20	3.513889	2530	2933.518	73.153
09/20/2002 13:52:25	3.515278	2531	2933.747	73.149
09/20/2002 13:52:30	3.516667	2532	2933.697	73.154
09/20/2002 13:52:35	3.518056	2533	2933.709	73.148
09/20/2002 13:52:40	3.519444	2534	2933.967	73.149
09/20/2002 13:52:45	3.520833	2535	2933.637	73.146
09/20/2002 13:52:50	3.522222	2536	2933.773	73.150
09/20/2002 13:52:55	3.523611	2537	2933.516	73.145

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:53:00	3.525000	2538	2933.870	73.142
09/20/2002 13:53:05	3.526389	2539	2933.668	73.141
09/20/2002 13:53:10	3.527778	2540	2933.912	73.143
09/20/2002 13:53:15	3.529167	2541	2933.745	73.142
09/20/2002 13:53:20	3.530556	2542	2933.883	73.142
09/20/2002 13:53:25	3.531944	2543	2934.118	73.135
09/20/2002 13:53:30	3.533333	2544	2933.863	73.137
09/20/2002 13:53:35	3.534722	2545	2934.004	73.138
09/20/2002 13:53:40	3.536111	2546	2933.744	73.139
09/20/2002 13:53:45	3.537500	2547	2933.993	73.136
09/20/2002 13:53:50	3.538889	2548	2933.749	73.132
09/20/2002 13:53:55	3.540278	2549	2934.037	73.124
09/20/2002 13:54:00	3.541667	2550	2933.967	73.133
09/20/2002 13:54:05	3.543056	2551	2933.925	73.136
09/20/2002 13:54:10	3.544444	2552	2934.045	73.128
09/20/2002 13:54:15	3.545833	2553	2933.822	73.125
09/20/2002 13:54:20	3.547222	2554	2933.984	73.132
09/20/2002 13:54:25	3.548611	2555	2933.999	73.127
09/20/2002 13:54:30	3.550000	2556	2934.091	73.124
09/20/2002 13:54:35	3.551389	2557	2933.922	73.126
09/20/2002 13:54:40	3.552778	2558	2934.219	73.122
09/20/2002 13:54:45	3.554167	2559	2934.315	73.122
09/20/2002 13:54:50	3.555556	2560	2934.141	73.118
09/20/2002 13:54:55	3.556944	2561	2934.229	73.117
09/20/2002 13:55:00	3.558333	2562	2934.219	73.118
09/20/2002 13:55:05	3.559722	2563	2934.278	73.121
09/20/2002 13:55:10	3.561111	2564	2934.059	73.122
09/20/2002 13:55:15	3.562500	2565	2934.329	73.124
09/20/2002 13:55:20	3.563889	2566	2934.186	73.115
09/20/2002 13:55:25	3.565278	2567	2934.411	73.115
09/20/2002 13:55:30	3.566667	2568	2934.541	73.111
09/20/2002 13:55:35	3.568056	2569	2934.311	73.113
09/20/2002 13:55:40	3.569444	2570	2934.347	73.114
09/20/2002 13:55:45	3.570833	2571	2934.237	73.110
09/20/2002 13:55:50	3.572222	2572	2934.384	73.111
09/20/2002 13:55:55	3.573611	2573	2934.482	73.109
09/20/2002 13:56:00	3.575000	2574	2934.443	73.107
09/20/2002 13:56:05	3.576389	2575	2934.418	73.106
09/20/2002 13:56:10	3.577778	2576	2934.164	73.102
09/20/2002 13:56:15	3.579167	2577	2934.290	73.101
09/20/2002 13:56:20	3.580556	2578	2934.412	73.103
09/20/2002 13:56:25	3.581944	2579	2934.330	73.101
09/20/2002 13:56:30	3.583333	2580	2934.327	73.093
09/20/2002 13:56:35	3.584722	2581	2934.371	73.097
09/20/2002 13:56:40	3.586111	2582	2934.510	73.095
09/20/2002 13:56:45	3.587500	2583	2934.619	73.091
09/20/2002 13:56:50	3.588889	2584	2934.391	73.088
09/20/2002 13:56:55	3.590278	2585	2934.447	73.089

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:01:00	3.658333	2634	2934.582	72.962
09/20/2002 14:01:05	3.659722	2635	2934.586	72.962
09/20/2002 14:01:10	3.661111	2636	2934.817	72.958
09/20/2002 14:01:15	3.662500	2637	2934.594	72.950
09/20/2002 14:01:20	3.663889	2638	2934.719	72.951
09/20/2002 14:01:25	3.665278	2639	2934.698	72.948
09/20/2002 14:01:30	3.666667	2640	2934.895	72.947
09/20/2002 14:01:35	3.668056	2641	2934.764	72.944
09/20/2002 14:01:40	3.669444	2642	2934.770	72.933
09/20/2002 14:01:45	3.670833	2643	2934.937	72.931
09/20/2002 14:01:50	3.672222	2644	2934.788	72.931
09/20/2002 14:01:55	3.673611	2645	2935.135	72.929
09/20/2002 14:02:00	3.675000	2646	2934.948	72.925
09/20/2002 14:02:05	3.676389	2647	2935.179	72.918
09/20/2002 14:02:10	3.677778	2648	2934.945	72.917
09/20/2002 14:02:15	3.679167	2649	2935.203	72.913
09/20/2002 14:02:20	3.680556	2650	2934.929	72.903
09/20/2002 14:02:25	3.681944	2651	2935.164	72.907
09/20/2002 14:02:30	3.683333	2652	2934.871	72.896
09/20/2002 14:02:35	3.684722	2653	2935.156	72.897
09/20/2002 14:02:40	3.686111	2654	2934.957	72.888
09/20/2002 14:02:45	3.687500	2655	2935.244	72.886
09/20/2002 14:02:50	3.688889	2656	2935.226	72.883
09/20/2002 14:02:55	3.690278	2657	2935.276	72.879
09/20/2002 14:03:00	3.691667	2658	2935.192	72.869
09/20/2002 14:03:05	3.693056	2659	2935.185	72.870
09/20/2002 14:03:10	3.694444	2660	2935.327	72.867
09/20/2002 14:03:15	3.695833	2661	2935.010	72.858
09/20/2002 14:03:20	3.697222	2662	2935.204	72.855
09/20/2002 14:03:25	3.698611	2663	2935.035	72.854
09/20/2002 14:03:30	3.700000	2664	2935.146	72.847
09/20/2002 14:03:35	3.701389	2665	2935.008	72.848
09/20/2002 14:03:40	3.702778	2666	2935.166	72.841
09/20/2002 14:03:45	3.704167	2667	2935.039	72.838
09/20/2002 14:03:50	3.705556	2668	2935.239	72.837
09/20/2002 14:03:55	3.706944	2669	2935.284	72.833
09/20/2002 14:04:00	3.708333	2670	2935.287	72.832
09/20/2002 14:04:05	3.709722	2671	2935.313	72.828
09/20/2002 14:04:10	3.711111	2672	2935.418	72.824
09/20/2002 14:04:15	3.712500	2673	2935.396	72.817
09/20/2002 14:04:20	3.713889	2674	2935.298	72.815
09/20/2002 14:04:25	3.715278	2675	2935.425	72.814
09/20/2002 14:04:30	3.716667	2676	2935.326	72.807
09/20/2002 14:04:35	3.718056	2677	2935.494	72.803
09/20/2002 14:04:40	3.719444	2678	2935.242	72.797
09/20/2002 14:04:45	3.720833	2679	2935.113	72.787
09/20/2002 14:04:50	3.722222	2680	2934.929	72.790
09/20/2002 14:04:55	3.723611	2681	2935.085	72.784

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:05:00	3.725000	2682	2934.929	72.777
09/20/2002 14:05:05	3.726389	2683	2935.238	72.783
09/20/2002 14:05:10	3.727778	2684	2935.274	72.774
09/20/2002 14:05:15	3.729167	2685	2935.194	72.774
09/20/2002 14:05:20	3.730556	2686	2935.232	72.762
09/20/2002 14:05:25	3.731944	2687	2935.281	72.764
09/20/2002 14:05:30	3.733333	2688	2935.443	72.756
09/20/2002 14:05:35	3.734722	2689	2935.305	72.751
09/20/2002 14:05:40	3.736111	2690	2935.468	72.757
09/20/2002 14:05:45	3.737500	2691	2935.443	72.748
09/20/2002 14:05:50	3.738889	2692	2935.631	72.740
09/20/2002 14:05:55	3.740278	2693	2935.454	72.743
09/20/2002 14:06:00	3.741667	2694	2935.518	72.735
09/20/2002 14:06:05	3.743056	2695	2935.338	72.733
09/20/2002 14:06:10	3.744444	2696	2935.441	72.730
09/20/2002 14:06:15	3.745833	2697	2935.167	72.724
09/20/2002 14:06:20	3.747222	2698	2935.382	72.722
09/20/2002 14:06:25	3.748611	2699	2935.232	72.716
09/20/2002 14:06:30	3.750000	2700	2935.399	72.714
09/20/2002 14:06:35	3.751389	2701	2935.437	72.711
09/20/2002 14:06:40	3.752778	2702	2935.475	72.702
09/20/2002 14:06:45	3.754167	2703	2935.369	72.702
09/20/2002 14:06:50	3.755556	2704	2935.594	72.696
09/20/2002 14:06:55	3.756944	2705	2935.606	72.694
09/20/2002 14:07:00	3.758333	2706	2935.670	72.685
09/20/2002 14:07:05	3.759722	2707	2935.503	72.680
09/20/2002 14:07:10	3.761111	2708	2935.605	72.675
09/20/2002 14:07:15	3.762500	2709	2935.448	72.670
09/20/2002 14:07:20	3.763889	2710	2935.714	72.665
09/20/2002 14:07:25	3.765278	2711	2935.659	72.668
09/20/2002 14:07:30	3.766667	2712	2935.900	72.659
09/20/2002 14:07:35	3.768056	2713	2935.844	72.664
09/20/2002 14:07:40	3.769444	2714	2935.800	72.651
09/20/2002 14:07:45	3.770833	2715	2935.765	72.646
09/20/2002 14:07:50	3.772222	2716	2935.638	72.643
09/20/2002 14:07:55	3.773611	2717	2935.816	72.646
09/20/2002 14:08:00	3.775000	2718	2935.577	72.640
09/20/2002 14:08:05	3.776389	2719	2935.822	72.640
09/20/2002 14:08:10	3.777778	2720	2935.546	72.634
09/20/2002 14:08:15	3.779167	2721	2935.673	72.630
09/20/2002 14:08:20	3.780556	2722	2935.420	72.629
09/20/2002 14:08:25	3.781944	2723	2935.594	72.625
09/20/2002 14:08:30	3.783333	2724	2935.422	72.624
09/20/2002 14:08:35	3.784722	2725	2935.647	72.621
09/20/2002 14:08:40	3.786111	2726	2935.431	72.617
09/20/2002 14:08:45	3.787500	2727	2935.654	72.619
09/20/2002 14:08:50	3.788889	2728	2935.470	72.609
09/20/2002 14:08:55	3.790278	2729	2935.738	72.606

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:09:00	3.791667	2730	2935.570	72.607
09/20/2002 14:09:05	3.793056	2731	2935.711	72.599
09/20/2002 14:09:10	3.794444	2732	2935.451	72.592
09/20/2002 14:09:15	3.795833	2733	2935.563	72.587
09/20/2002 14:09:20	3.797222	2734	2935.594	72.591
09/20/2002 14:09:25	3.798611	2735	2935.621	72.581
09/20/2002 14:09:30	3.800000	2736	2935.630	72.579
09/20/2002 14:09:35	3.801389	2737	2935.829	72.576
09/20/2002 14:09:40	3.802778	2738	2935.684	72.573
09/20/2002 14:09:45	3.804167	2739	2935.897	72.567
09/20/2002 14:09:50	3.805556	2740	2935.802	72.567
09/20/2002 14:09:55	3.806944	2741	2936.118	72.564
09/20/2002 14:10:00	3.808333	2742	2935.953	72.561
09/20/2002 14:10:05	3.809722	2743	2936.184	72.557
09/20/2002 14:10:10	3.811111	2744	2936.110	72.554
09/20/2002 14:10:15	3.812500	2745	2936.343	72.550
09/20/2002 14:10:20	3.813889	2746	2936.247	72.551
09/20/2002 14:10:25	3.815278	2747	2936.343	72.550
09/20/2002 14:10:30	3.816667	2748	2936.265	72.552
09/20/2002 14:10:35	3.818056	2749	2936.448	72.547
09/20/2002 14:10:40	3.819444	2750	2936.446	72.546
09/20/2002 14:10:45	3.820833	2751	2936.352	72.544
09/20/2002 14:10:50	3.822222	2752	2936.464	72.540
09/20/2002 14:10:55	3.823611	2753	2936.205	72.535
09/20/2002 14:11:00	3.825000	2754	2936.303	72.534
09/20/2002 14:11:05	3.826389	2755	2936.063	72.534
09/20/2002 14:11:10	3.827778	2756	2936.320	72.533
09/20/2002 14:11:15	3.829167	2757	2936.079	72.529
09/20/2002 14:11:20	3.830556	2758	2936.275	72.523
09/20/2002 14:11:25	3.831944	2759	2936.069	72.527
09/20/2002 14:11:30	3.833333	2760	2936.234	72.519
09/20/2002 14:11:35	3.834722	2761	2936.088	72.523
09/20/2002 14:11:40	3.836111	2762	2936.324	72.519
09/20/2002 14:11:45	3.837500	2763	2936.090	72.513
09/20/2002 14:11:50	3.838889	2764	2936.218	72.517
09/20/2002 14:11:55	3.840278	2765	2936.013	72.510
09/20/2002 14:12:00	3.841667	2766	2936.157	72.511
09/20/2002 14:12:05	3.843056	2767	2936.182	72.511
09/20/2002 14:12:10	3.844444	2768	2936.206	72.508
09/20/2002 14:12:15	3.845833	2769	2936.207	72.503
09/20/2002 14:12:20	3.847222	2770	2936.324	72.503
09/20/2002 14:12:25	3.848611	2771	2936.400	72.509
09/20/2002 14:12:30	3.850000	2772	2936.485	72.508
09/20/2002 14:12:35	3.851389	2773	2936.283	72.501
09/20/2002 14:12:40	3.852778	2774	2936.583	72.503
09/20/2002 14:12:45	3.854167	2775	2936.395	72.501
09/20/2002 14:12:50	3.855556	2776	2936.748	72.505
09/20/2002 14:12:55	3.856944	2777	2936.542	72.503

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:13:00	3.858333	2778	2936.844	72.496
09/20/2002 14:13:05	3.859722	2779	2936.648	72.501
09/20/2002 14:13:10	3.861111	2780	2936.923	72.504
09/20/2002 14:13:15	3.862500	2781	2936.669	72.497
09/20/2002 14:13:20	3.863889	2782	2936.905	72.499
09/20/2002 14:13:25	3.865278	2783	2936.606	72.495
09/20/2002 14:13:30	3.866667	2784	2936.770	72.498
09/20/2002 14:13:35	3.868056	2785	2936.514	72.493
09/20/2002 14:13:40	3.869444	2786	2936.626	72.489
09/20/2002 14:13:45	3.870833	2787	2936.334	72.486
09/20/2002 14:13:50	3.872222	2788	2936.474	72.485
09/20/2002 14:13:55	3.873611	2789	2936.246	72.484
09/20/2002 14:14:00	3.875000	2790	2936.306	72.476
09/20/2002 14:14:05	3.876389	2791	2936.158	72.477
09/20/2002 14:14:10	3.877778	2792	2936.527	72.481
09/20/2002 14:14:15	3.879167	2793	2936.458	72.475
09/20/2002 14:14:20	3.880556	2794	2936.736	72.475
09/20/2002 14:14:25	3.881944	2795	2936.564	72.468
09/20/2002 14:14:30	3.883333	2796	2936.726	72.471
09/20/2002 14:14:35	3.884722	2797	2936.486	72.468
09/20/2002 14:14:40	3.886111	2798	2936.732	72.464
09/20/2002 14:14:45	3.887500	2799	2936.598	72.463
09/20/2002 14:14:50	3.888889	2800	2936.677	72.459
09/20/2002 14:14:55	3.890278	2801	2936.467	72.461
09/20/2002 14:15:00	3.891667	2802	2936.627	72.454
09/20/2002 14:15:05	3.893056	2803	2936.581	72.462
09/20/2002 14:15:10	3.894444	2804	2936.752	72.451
09/20/2002 14:15:15	3.895833	2805	2936.841	72.458
09/20/2002 14:15:20	3.897222	2806	2936.821	72.455
09/20/2002 14:15:25	3.898611	2807	2937.007	72.448
09/20/2002 14:15:30	3.900000	2808	2936.861	72.455
09/20/2002 14:15:35	3.901389	2809	2937.040	72.448
09/20/2002 14:15:40	3.902778	2810	2936.858	72.445
09/20/2002 14:15:45	3.904167	2811	2936.941	72.447
09/20/2002 14:15:50	3.905556	2812	2936.826	72.443
09/20/2002 14:15:55	3.906944	2813	2937.059	72.448
09/20/2002 14:16:00	3.908333	2814	2914.674	72.437
09/20/2002 14:16:05	3.909722	2815	2902.045	72.409
09/20/2002 14:16:10	3.911111	2816	2894.537	72.374
09/20/2002 14:16:15	3.912500	2817	2889.212	72.338
09/20/2002 14:16:20	3.913889	2818	2885.060	72.324
09/20/2002 14:16:25	3.915278	2819	2881.292	72.314
09/20/2002 14:16:30	3.916667	2820	2878.036	72.320
09/20/2002 14:16:35	3.918056	2821	2875.210	72.325
09/20/2002 14:16:40	3.919444	2822	2872.564	72.342
09/20/2002 14:16:45	3.920833	2823	2870.203	72.349
09/20/2002 14:16:50	3.922222	2824	2868.056	72.355
09/20/2002 14:16:55	3.923611	2825	2866.155	72.375

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:17:00	3.925000	2826	2864.315	72.384
09/20/2002 14:17:05	3.926389	2827	2862.635	72.395
09/20/2002 14:17:10	3.927778	2828	2860.797	72.401
09/20/2002 14:17:15	3.929167	2829	2859.229	72.420
09/20/2002 14:17:20	3.930556	2830	2857.718	72.427
09/20/2002 14:17:25	3.931944	2831	2856.308	72.442
09/20/2002 14:17:30	3.933333	2832	2854.806	72.453
09/20/2002 14:17:35	3.934722	2833	2853.513	72.468
09/20/2002 14:17:40	3.936111	2834	2852.156	72.484
09/20/2002 14:17:45	3.937500	2835	2850.916	72.507
09/20/2002 14:17:50	3.938889	2836	2849.668	72.515
09/20/2002 14:17:55	3.940278	2837	2848.578	72.535
09/20/2002 14:18:00	3.941667	2838	2847.384	72.546
09/20/2002 14:18:05	3.943056	2839	2846.303	72.561
09/20/2002 14:18:10	3.944444	2840	2845.148	72.577
09/20/2002 14:18:15	3.945833	2841	2844.176	72.590
09/20/2002 14:18:20	3.947222	2842	2842.987	72.597
09/20/2002 14:18:25	3.948611	2843	2842.060	72.608
09/20/2002 14:18:30	3.950000	2844	2841.070	72.626
09/20/2002 14:18:35	3.951389	2845	2840.136	72.640
09/20/2002 14:18:40	3.952778	2846	2839.134	72.646
09/20/2002 14:18:45	3.954167	2847	2838.288	72.662
09/20/2002 14:18:50	3.955556	2848	2837.242	72.669
09/20/2002 14:18:55	3.956944	2849	2836.433	72.681
09/20/2002 14:19:00	3.958333	2850	2835.553	72.694
09/20/2002 14:19:05	3.959722	2851	2834.752	72.710
09/20/2002 14:19:10	3.961111	2852	2833.865	72.723
09/20/2002 14:19:15	3.962500	2853	2832.920	72.737
09/20/2002 14:19:20	3.963889	2854	2832.078	72.756
09/20/2002 14:19:25	3.965278	2855	2831.247	72.770
09/20/2002 14:19:30	3.966667	2856	2830.456	72.784
09/20/2002 14:19:35	3.968056	2857	2829.627	72.800
09/20/2002 14:19:40	3.969444	2858	2828.856	72.816
09/20/2002 14:19:45	3.970833	2859	2828.041	72.834
09/20/2002 14:19:50	3.972222	2860	2827.185	72.853
09/20/2002 14:19:55	3.973611	2861	2826.514	72.875
09/20/2002 14:20:00	3.975000	2862	2825.793	72.899
09/20/2002 14:20:05	3.976389	2863	2825.045	72.928
09/20/2002 14:20:10	3.977778	2864	2824.367	72.958
09/20/2002 14:20:15	3.979167	2865	2823.472	72.988
09/20/2002 14:20:20	3.980556	2866	2822.923	73.022
09/20/2002 14:20:25	3.981944	2867	2822.152	73.066
09/20/2002 14:20:30	3.983333	2868	2821.481	73.122
09/20/2002 14:20:35	3.984722	2869	2820.744	73.158
09/20/2002 14:20:40	3.986111	2870	2820.030	73.203
09/20/2002 14:20:45	3.987500	2871	2819.413	73.240
09/20/2002 14:20:50	3.988889	2872	2818.601	73.275
09/20/2002 14:20:55	3.990278	2873	2818.086	73.319

Company Name: J. M. HUBER
Run Depth: 5735'

Location: State 1-35 WIW
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Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:21:00	3.991667	2874	2817.302	73.348
09/20/2002 14:21:05	3.993056	2875	2816.732	73.382
09/20/2002 14:21:10	3.994444	2876	2816.143	73.404
09/20/2002 14:21:15	3.995833	2877	2815.485	73.430
09/20/2002 14:21:20	3.997222	2878	2814.783	73.456
09/20/2002 14:21:25	3.998611	2879	2814.248	73.476
09/20/2002 14:21:30	4.000000	2880	2813.518	73.498
09/20/2002 14:21:35	4.001389	2881	2812.932	73.508
09/20/2002 14:21:40	4.002778	2882	2812.359	73.528
09/20/2002 14:21:45	4.004167	2883	2811.829	73.557
09/20/2002 14:21:50	4.005556	2884	2811.119	73.582
09/20/2002 14:21:55	4.006944	2885	2810.609	73.612
09/20/2002 14:22:00	4.008333	2886	2810.029	73.629
09/20/2002 14:22:05	4.009722	2887	2809.475	73.659
09/20/2002 14:22:10	4.011111	2888	2808.839	73.694
09/20/2002 14:22:15	4.012500	2889	2808.284	73.729
09/20/2002 14:22:20	4.013889	2890	2807.712	73.765
09/20/2002 14:22:25	4.015278	2891	2807.115	73.798
09/20/2002 14:22:30	4.016667	2892	2806.592	73.832
09/20/2002 14:22:35	4.018056	2893	2806.087	73.873
09/20/2002 14:22:40	4.019444	2894	2805.526	73.909
09/20/2002 14:22:45	4.020833	2895	2804.984	73.946
09/20/2002 14:22:50	4.022222	2896	2804.469	73.983
09/20/2002 14:22:55	4.023611	2897	2803.884	74.027
09/20/2002 14:23:00	4.025000	2898	2803.374	74.068
09/20/2002 14:23:05	4.026389	2899	2802.866	74.104
09/20/2002 14:23:10	4.027778	2900	2802.349	74.135
09/20/2002 14:23:15	4.029167	2901	2801.875	74.166
09/20/2002 14:23:20	4.030556	2902	2801.339	74.196
09/20/2002 14:23:25	4.031944	2903	2800.742	74.222
09/20/2002 14:23:30	4.033333	2904	2800.318	74.271
09/20/2002 14:23:35	4.034722	2905	2799.711	74.302
09/20/2002 14:23:40	4.036111	2906	2799.265	74.340
09/20/2002 14:23:45	4.037500	2907	2798.753	74.374
09/20/2002 14:23:50	4.038889	2908	2798.267	74.413
09/20/2002 14:23:55	4.040278	2909	2797.774	74.459
09/20/2002 14:24:00	4.041667	2910	2797.356	74.498
09/20/2002 14:24:05	4.043056	2911	2796.786	74.538
09/20/2002 14:24:10	4.044444	2912	2796.338	74.578
09/20/2002 14:24:15	4.045833	2913	2795.849	74.617
09/20/2002 14:24:20	4.047222	2914	2795.352	74.648
09/20/2002 14:24:25	4.048611	2915	2795.029	74.686
09/20/2002 14:24:30	4.050000	2916	2794.405	74.722
09/20/2002 14:24:35	4.051389	2917	2793.937	74.765
09/20/2002 14:24:40	4.052778	2918	2793.504	74.799
09/20/2002 14:24:45	4.054167	2919	2793.019	74.829
09/20/2002 14:24:50	4.055556	2920	2792.604	74.866
09/20/2002 14:24:55	4.056944	2921	2792.163	74.895

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:25:00	4.058333	2922	2791.640	74.929
09/20/2002 14:25:05	4.059722	2923	2791.208	74.963
09/20/2002 14:25:10	4.061111	2924	2790.661	74.988
09/20/2002 14:25:15	4.062500	2925	2790.329	75.013
09/20/2002 14:25:20	4.063889	2926	2789.951	75.042
09/20/2002 14:25:25	4.065278	2927	2789.563	75.063
09/20/2002 14:25:30	4.066667	2928	2789.012	75.087
09/20/2002 14:25:35	4.068056	2929	2788.552	75.115
09/20/2002 14:25:40	4.069444	2930	2788.190	75.145
09/20/2002 14:25:45	4.070833	2931	2787.845	75.177
09/20/2002 14:25:50	4.072222	2932	2787.288	75.207
09/20/2002 14:25:55	4.073611	2933	2786.912	75.242
09/20/2002 14:26:00	4.075000	2934	2786.522	75.275
09/20/2002 14:26:05	4.076389	2935	2786.112	75.307
09/20/2002 14:26:10	4.077778	2936	2785.667	75.344
09/20/2002 14:26:15	4.079167	2937	2785.346	75.388
09/20/2002 14:26:20	4.080556	2938	2784.850	75.424
09/20/2002 14:26:25	4.081944	2939	2784.483	75.472
09/20/2002 14:26:30	4.083333	2940	2784.033	75.524
09/20/2002 14:26:35	4.084722	2941	2783.587	75.563
09/20/2002 14:26:40	4.086111	2942	2783.192	75.598
09/20/2002 14:26:45	4.087500	2943	2782.821	75.628
09/20/2002 14:26:50	4.088889	2944	2782.468	75.657
09/20/2002 14:26:55	4.090278	2945	2781.997	75.686
09/20/2002 14:27:00	4.091667	2946	2781.637	75.712
09/20/2002 14:27:05	4.093056	2947	2781.176	75.743
09/20/2002 14:27:10	4.094444	2948	2780.821	75.766
09/20/2002 14:27:15	4.095833	2949	2780.420	75.794
09/20/2002 14:27:20	4.097222	2950	2780.109	75.834
09/20/2002 14:27:25	4.098611	2951	2779.667	75.863
09/20/2002 14:27:30	4.100000	2952	2779.291	75.894
09/20/2002 14:27:35	4.101389	2953	2778.945	75.920
09/20/2002 14:27:40	4.102778	2954	2778.496	75.942
09/20/2002 14:27:45	4.104167	2955	2778.127	75.981
09/20/2002 14:27:50	4.105556	2956	2777.724	76.017
09/20/2002 14:27:55	4.106944	2957	2777.411	76.052
09/20/2002 14:28:00	4.108333	2958	2777.033	76.093
09/20/2002 14:28:05	4.109722	2959	2776.738	76.119
09/20/2002 14:28:10	4.111111	2960	2776.233	76.149
09/20/2002 14:28:15	4.112500	2961	2775.849	76.177
09/20/2002 14:28:20	4.113889	2962	2775.526	76.208
09/20/2002 14:28:25	4.115278	2963	2775.201	76.245
09/20/2002 14:28:30	4.116667	2964	2774.842	76.278
09/20/2002 14:28:35	4.118056	2965	2774.387	76.309
09/20/2002 14:28:40	4.119444	2966	2774.083	76.349
09/20/2002 14:28:45	4.120833	2967	2773.755	76.397
09/20/2002 14:28:50	4.122222	2968	2773.368	76.435
09/20/2002 14:28:55	4.123611	2969	2773.096	76.480

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

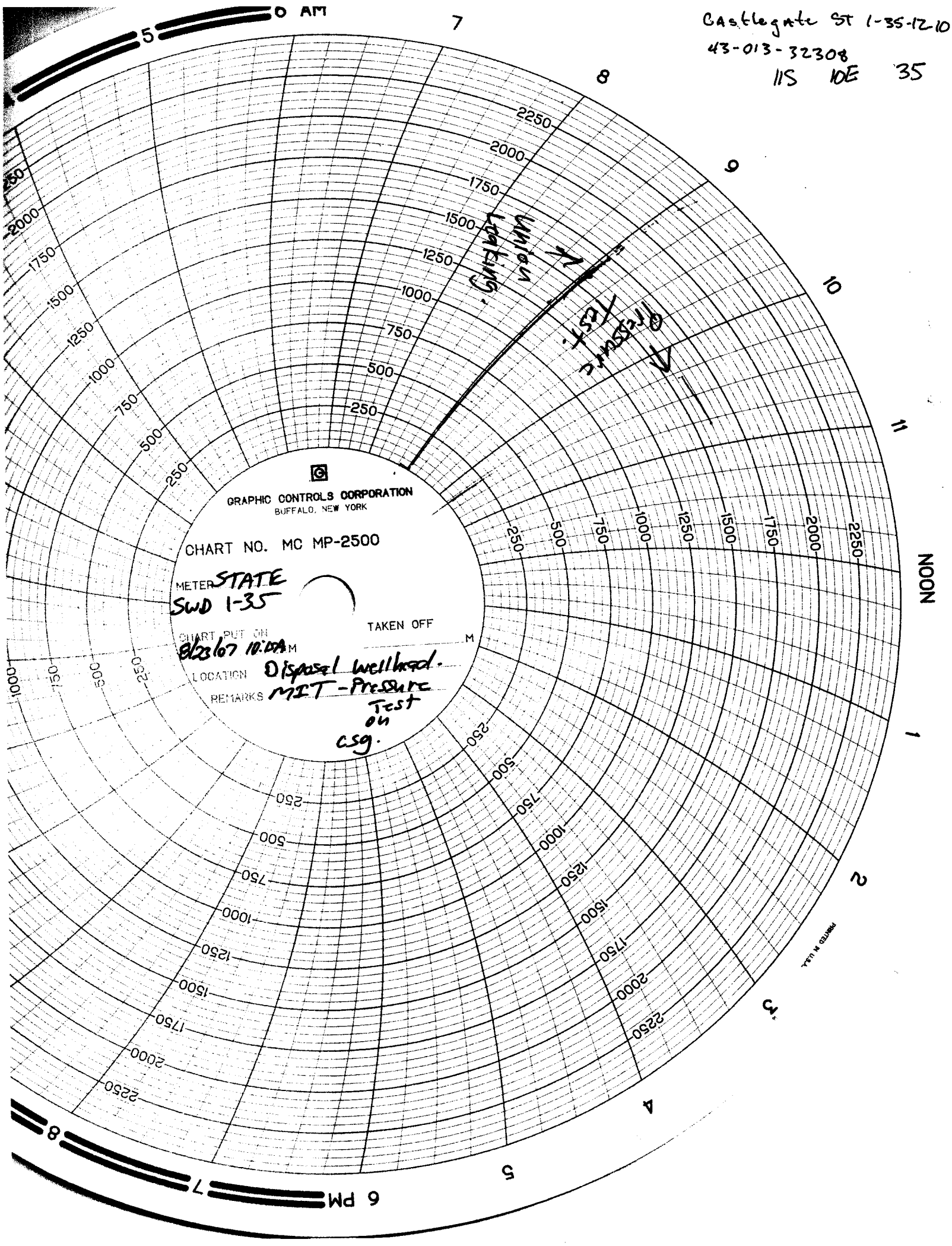
Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 13:57:00	3.591667	2586	2934.302	73.087
09/20/2002 13:57:05	3.593056	2587	2934.575	73.083
09/20/2002 13:57:10	3.594444	2588	2934.772	73.085
09/20/2002 13:57:15	3.595833	2589	2934.414	73.081
09/20/2002 13:57:20	3.597222	2590	2934.607	73.083
09/20/2002 13:57:25	3.598611	2591	2934.457	73.076
09/20/2002 13:57:30	3.600000	2592	2934.495	73.081
09/20/2002 13:57:35	3.601389	2593	2934.594	73.078
09/20/2002 13:57:40	3.602778	2594	2934.598	73.075
09/20/2002 13:57:45	3.604167	2595	2934.563	73.066
09/20/2002 13:57:50	3.605556	2596	2934.449	73.069
09/20/2002 13:57:55	3.606944	2597	2934.707	73.073
09/20/2002 13:58:00	3.608333	2598	2934.738	73.066
09/20/2002 13:58:05	3.609722	2599	2934.506	73.066
09/20/2002 13:58:10	3.611111	2600	2934.609	73.065
09/20/2002 13:58:15	3.612500	2601	2934.328	73.060
09/20/2002 13:58:20	3.613889	2602	2934.541	73.053
09/20/2002 13:58:25	3.615278	2603	2934.317	73.052
09/20/2002 13:58:30	3.616667	2604	2934.431	73.052
09/20/2002 13:58:35	3.618056	2605	2934.373	73.045
09/20/2002 13:58:40	3.619444	2606	2934.575	73.037
09/20/2002 13:58:45	3.620833	2607	2934.575	73.041
09/20/2002 13:58:50	3.622222	2608	2934.496	73.041
09/20/2002 13:58:55	3.623611	2609	2934.680	73.038
09/20/2002 13:59:00	3.625000	2610	2934.420	73.037
09/20/2002 13:59:05	3.626389	2611	2934.518	73.033
09/20/2002 13:59:10	3.627778	2612	2934.236	73.027
09/20/2002 13:59:15	3.629167	2613	2934.391	73.028
09/20/2002 13:59:20	3.630556	2614	2934.149	73.025
09/20/2002 13:59:25	3.631944	2615	2934.286	73.024
09/20/2002 13:59:30	3.633333	2616	2934.109	73.024
09/20/2002 13:59:35	3.634722	2617	2934.381	73.020
09/20/2002 13:59:40	3.636111	2618	2934.445	73.011
09/20/2002 13:59:45	3.637500	2619	2934.407	73.014
09/20/2002 13:59:50	3.638889	2620	2934.608	73.008
09/20/2002 13:59:55	3.640278	2621	2934.430	73.003
09/20/2002 14:00:00	3.641667	2622	2934.659	73.001
09/20/2002 14:00:05	3.643056	2623	2934.660	72.999
09/20/2002 14:00:10	3.644444	2624	2934.735	72.996
09/20/2002 14:00:15	3.645833	2625	2934.650	72.986
09/20/2002 14:00:20	3.647222	2626	2934.612	72.989
09/20/2002 14:00:25	3.648611	2627	2934.470	72.980
09/20/2002 14:00:30	3.650000	2628	2934.520	72.984
09/20/2002 14:00:35	3.651389	2629	2934.289	72.982
09/20/2002 14:00:40	3.652778	2630	2934.346	72.980
09/20/2002 14:00:45	3.654167	2631	2934.369	72.975
09/20/2002 14:00:50	3.655556	2632	2934.666	72.979
09/20/2002 14:00:55	3.656944	2633	2934.456	72.969

Company Name: J. M. [illegible]UBER
Run Depth: 5735'

Loca[illegible]on: State 1-35 WIW
Serial#: E1073

Real Time	Delta Time	Sample#	Pressure(PSIG)	Temperature(DEG.F)
09/20/2002 14:29:00	4.125000	2970	2772.640	76.528
09/20/2002 14:29:05	4.126389	2971	2772.321	76.570
09/20/2002 14:29:10	4.127778	2972	2771.933	76.614
09/20/2002 14:29:15	4.129167	2973	2771.610	76.656
09/20/2002 14:29:20	4.130556	2974	2771.329	76.698
09/20/2002 14:29:25	4.131944	2975	2770.864	76.728
09/20/2002 14:29:30	4.133333	2976	2770.519	76.762
09/20/2002 14:29:35	4.134722	2977	2770.146	76.791
09/20/2002 14:29:40	4.136111	2978	2769.843	76.817
09/20/2002 14:29:45	4.137500	2979	2769.543	76.852
09/20/2002 14:29:50	4.138889	2980	2769.172	76.885
09/20/2002 14:29:55	4.140278	2981	2768.807	76.910
09/20/2002 14:30:00	4.141667	2982	2768.447	76.931
09/20/2002 14:30:05	4.143056	2983	2768.206	76.958
09/20/2002 14:30:10	4.144444	2984	2767.881	76.977
09/20/2002 14:30:15	4.145833	2985	2767.431	77.004
09/20/2002 14:30:20	4.147222	2986	2767.111	77.027
09/20/2002 14:30:25	4.148611	2987	2766.899	77.059
09/20/2002 14:30:30	4.150000	2988	2766.458	77.087
09/20/2002 14:30:35	4.151389	2989	2766.152	77.117
09/20/2002 14:30:40	4.152778	2990	2765.840	77.151
09/20/2002 14:30:45	4.154167	2991	2765.573	77.194
09/20/2002 14:30:50	4.155556	2992	2765.218	77.240
09/20/2002 14:30:55	4.156944	2993	2764.846	77.280
09/20/2002 14:31:00	4.158333	2994	2764.551	77.324

Castlegate St 1-35-12-10
43-013-32308
11S 10E 35



FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: NA

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Water Disposal Well

8. WELL NAME and NUMBER: Huber State 1-35 WDW

2. NAME OF OPERATOR: J. M. Huber Corp.

9. API NUMBER: 43-1332308

3. ADDRESS OF OPERATOR: 1050 17th St, Ste. 700 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 825-7900

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540' FSL, 1135' FWL COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E S STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

See Attached Sheet.

NAME (PLEASE PRINT) Robert F. Unger TITLE V. P.-Northern Business Unit of J. M. Huber Corp.

SIGNATURE [signature] DATE 11/20/03

(This space for State use only)

RECEIVED
NOV 2 2 2003
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Attachment for the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, Form 9, Sundry Notices and Reports on Wells:

Huber State1-35 WDW

J. M. Huber Corporation has sold its interests in this well and property. The new owner will be taking on the responsibility of operator.

Name (please print) Robert F. Unger Title: V. P.-Northern Business Unit

Signature: Date: 11/20/03

New owner information:

Company Name: Evergreen Operating Corp., 1401 17th Street, Ste 1200
Denver, CO 80202

Name (please print) Kevin D. Davis Title: Director of Mergers & Acquisitions

Signature: Date: 1/15/2004

New owner bond number: CD 1101292002 / CD 1101743005 } RLB0006706

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold) Designation of Agent/Operator

Operator Name Change Merger

The operator of the well(s) listed below has changed, effective: **12/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N2380-J.M. Huber Corp 1050 17th St, Ste. 700 Denver, CO 80265	N2545-Evergreen Operating Corp. 1401 17th Street, Suite 1200 Denver, CO 80202
Phone: 1-(303) 825-7900	Phone: 1-(303) 298-8100

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-ST 1-35	35	110S	100E	4301332308	13472	State	WD	A
HUBER-FEDERAL 7-9	09	120S	100E	4300730137	12991	Fed	GW	P
HUBER-FED 6-8	08	120S	100E	4300730140	11272	Fed	GW	PA
HUBER-JENSEN 11-10	10	120S	100E	4300730164	11405	Fee	GW	PA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 2/5/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/5/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 12/29/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5531527-0143
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: In Place

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 2/5/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 2/5/2004
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
5. Injection Projects to new operator in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB0006732

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: RLB0006705

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0006706

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30122-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 5	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNE
43-007-30137-00-00	EVERGREEN OPERATING CORP	HUBER-FEDERAL 7-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SWNE
43-007-30138-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN 4-15	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW
43-007-30140-00-00	EVERGREEN OPERATING CORP	HUBER-FED 6-8	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	SENW
43-007-30159-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 9-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
43-007-30162-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 5-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWNW
43-007-30163-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 16-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	SESE
43-007-30164-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 11-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESW
43-007-30166-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 11-11	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	NESW
43-007-30169-00-00	EVERGREEN OPERATING CORP	SHIMMIN TRUST 14-12	Gas Well	Plugged and Abandoned	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	SESW
43-007-30589-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNE
43-007-30596-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-10	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NWSW
43-007-30640-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 3-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENE
43-007-30659-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 2-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SESE
43-007-30662-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 4-14	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	SENW
~~43-007-30669-00-00~~	~~EVERGREEN OPERATING CORP~~	~~HUBER-ST/F 4-11~~	~~Gas Well~~	~~Location Abandoned~~	~~CASTLEGATE~~	~~CARBON~~	~~12S-10E~~	~~11~~	~~12~~	~~S~~	~~10~~	~~E~~	~~SENW~~
43-007-30673-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-11	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	11	12	S	10	E	SWS
43-007-30674-00-00	EVERGREEN OPERATING CORP	HUBER-SHIMMIN TRUST 1-12	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	12	12	S	10	E	NWSW
43-007-30675-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-10	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	NESE
~~43-007-30708-00-00~~	~~EVERGREEN OPERATING CORP~~	~~HUBER-JENSEN 3-10~~	~~Gas Well~~	~~Location Abandoned~~	~~CASTLEGATE~~	~~CARBON~~	~~12S-10E~~	~~10~~	~~12~~	~~S~~	~~10~~	~~E~~	~~SWNE~~
43-007-30717-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NWSW
43-007-30718-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-18	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NESE
43-007-30733-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-4	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SWSE
43-007-30734-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NENE
43-007-30735-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-9	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENW
43-007-30736-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-15	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	SWNE
43-007-30764-00-00	EVERGREEN OPERATING CORP	HUBER-J/F 2-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENW
43-007-30768-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-8	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NESE
43-007-30769-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 1-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NENE
43-007-30783-00-00	EVERGREEN OPERATING CORP	HUBER-ST 2-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWSE
43-007-30784-00-00	EVERGREEN OPERATING CORP	HUBER-ST 3-16	Gas Well	Approved permit (APD); not yet spudded	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SESW
43-007-30785-00-00	EVERGREEN OPERATING CORP	HUBER-ST 4-16	Gas Well	Producing	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	SENW
43-007-30787-00-00	EVERGREEN OPERATING CORP	H-M FED 2-14	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NESE
43-007-30810-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	NESW
43-007-30858-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-17	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	17	12	S	10	E	NESE
43-007-30859-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 2-18	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	18	12	S	10	E	NENE
43-007-30860-00-00	EVERGREEN OPERATING CORP	HUBER-JENSEN 4-8	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	8	12	S	10	E	NWSW

EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-007-30947-00-00	EVERGREEN OPERATING CORP	HUBER-FRANDSEN/FED 4-15	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	15	12	S	10	E	NWNW*
43-007-30961-00-00	EVERGREEN OPERATING CORP	STATE 11-16	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	16	12	S	10	E	NWNW
43-007-30962-00-00	EVERGREEN OPERATING CORP	SHIMMIN 11-14	Gas Well	Spudded (Drilling commenced: Not yet completed)	CASTLEGATE	CARBON	12S-10E	14	12	S	10	E	NWNW
43-007-30786	***EVERGREEN OPERATING CORP***	***Jensen 7-15 Deep***	***Gas Well***	***Active***	***WILDCAT***	***CARBON***	***12S-10E***	***15***	***12***	***S***	***10***	***E***	***SWNE***
43-007-30977-00-00	EVERGREEN OPERATING CORP	JENSEN 24-4	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	4	12	S	10	E	SESW
43-007-30978-00-00	EVERGREEN OPERATING CORP	JENSEN 34-5	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	5	12	S	10	E	SWSE
43-007-30980-00-00	EVERGREEN OPERATING CORP	JENSEN 41-9	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	9	12	S	10	E	NENE
43-007-30981-00-00	EVERGREEN OPERATING CORP	JENSEN 34-10	Gas Well	New Permit (Not yet approved or drilled)	CASTLEGATE	CARBON	12S-10E	10	12	S	10	E	SWSE
43-013-32308-00-00	EVERGREEN OPERATING CORP	HUBER-ST 1-35	Water Disposal Well	Active	CASTLEGATE	DUCHESNE	11S-10E	35	11	S	10	E	SWS[illegible]
43-013-32317-00-00	EVERGREEN OPERATING CORP	HUBER-STATE 1-27	Gas Well	New Permit (Not yet approved or drilled)	WILDCAT	DUCHESNE	11S-10E	27	11	S	10	E	SWSE
~~43-017-30101-00-00~~	~~EVERGREEN OIL CORP~~	~~POISON SPRINGS U 1-USA~~	~~Oil Well~~	~~Plugged and Abandoned~~	~~WILDCAT~~	~~GARFIELD~~	~~31S-12E~~	~~24~~	~~31~~	~~S~~	~~12~~	E	NESE
~~43-017-30102-00-00~~	~~EVERGREEN OIL CORP~~	~~POISON SPRINGS U 2-U3A~~	~~Oil Well~~	~~Plugged and Abandoned~~	~~WILDCAT~~	~~GARFIELD~~	~~31S-12E~~	~~4~~	~~31~~	~~S~~	~~12~~	E	NENE
43-019-30136-00-00	EVERGREEN OPERATING CORP	ANDERSON FED 2	Gas Well	Producing	EAST CANYON	GRAND	16S-24E	12	16	S	24	E	SWSW
43-019-30955-00-00	EVERGREEN OPERATING CORP	FEDERAL 24-1	Gas Well	Shut-In	EAST CANYON	GRAND	16S-24E	24	16	S	24	E	NWNE
43-019-31077-00-00	EVERGREEN OPERATING CORP	FEDERAL 1-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	NESE
43-019-31078-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-34	Gas Well	Producing	BRYSON CANYON	GRAND	16S-24E	34	16	S	24	E	SESW
43-047-30248-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 2	Gas Well	Shut-In	BLACK HORSE CYN	UINTAH	15S-24E	29	15	S	24	E	SESE
43-047-30284-00-00	EVERGREEN OPERATING CORP	PINE SPRING U 1	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	15	14	S	22	E	NESW
43-047-30325-00-00	EVERGREEN OPERATING CORP	RAT HOLE CYN 1	Gas Well	Shut-In	RAT HOLE CANYON	UINTAH	14S-25E	8	14	S	25	E	NWSE
43-047-30331-00-00	EVERGREEN OPERATING CORP	DRY BURN U 1	Gas Well	Shut-In	DRY BURN	UINTAH	13S-25E	29	13	S	25	E	NWSE
43-047-30332-00-00	EVERGREEN OPERATING CORP	1-L-23	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	23	14	S	24	E	SWNE
43-047-30460-00-00	EVERGREEN OPERATING CORP	SWEETWATER CYN 1	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	14	14	S	24	E	SWNW
43-047-30582-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 4-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SWSW
43-047-30619-00-00	EVERGREEN OPERATING CORP	CROOKED CYN 13-17-14-23	Gas Well	Producing	CROOKED CANYON	UINTAH	14S-23E	17	14	S	23	E	NWNW
43-047-30622-00-00	EVERGREEN OPERATING CORP	WOLF UNIT 3-11-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	11	15	S	21	E	SESW
43-047-30639-00-00	EVERGREEN OPERATING CORP	MAIN CYN 11-10-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	10	15	S	23	E	SENW
43-047-30674-00-00	EVERGREEN OPERATING CORP	MAIN CYN 15-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NWNE
43-047-30735-00-00	EVERGREEN OPERATING CORP	MAIN CYN 2-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	SWSE
43-047-30736-00-00	EVERGREEN OPERATING CORP	MAIN CYN 7-17-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	17	15	S	23	E	NWSE
43-047-30746-00-00	EVERGREEN OPERATING CORP	STATE 11-2-15-22	Gas Well	Plugged and Abandoned	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	SENW
43-047-30791-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 6-35-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	35	14	S	23	E	NESW
43-047-30944-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 8-36-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	36	14	S	23	E	NESE
43-047-30975-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 1-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	SESE
43-047-30977-00-00	EVERGREEN OPERATING CORP	MAIN CYN 8-7-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	7	15	S	23	E	NESE
43-047-31003-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 3-26-14-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	14S-23E	26	14	S	23	E	SESW
43-047-31027-00-00	EVERGREEN OPERATING CORP	FEDERAL 6-14-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	14	15	S	21	E	NESW
43-047-31040-00-00	EVERGREEN OPERATING CORP	SWEETWATER 6-13-14-24	Gas Well	Shut-In	SWEETWATER CYN	UINTAH	14S-24E	13	14	S	24	E	NESW
43-047-31041-00-00	EVERGREEN OPERATING CORP	TRAPP SPRINGS 16-25-14-23	Gas Well	Producing	MAIN CANYON	UINTAH	14S-23E	25	14	S	23	E	NENE
43-047-31042-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 7-21-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWSE
43-047-31043-00-00	EVERGREEN OPERATING CORP	MAIN CYN 4-4-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	SWSW
43-047-31045-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 14-15-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	15	15	S	24	E	NENW
43-047-31063-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 8-20-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	20	14	S	22	E	NESE

EVERGREEN TO PIONEER NATURAL RESOURCES USA, INC. MERGER
WELL LIST 10/15/04

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Location (Twn-Rng)	Sect	Twpn	Twpd	RngN	RngD	Qtr/Qtr
43-047-31071-00-00	EVERGREEN OPERATING CORP	FEDERAL 7-15-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	15	15	S	21	E	NWSE
43-047-31072-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-3-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	3	15	S	23	E	NESW
43-047-31073-00-00	EVERGREEN OPERATING CORP	MAIN CYN 6-8-15-23	Gas Well	Producing	MAIN CANYON	UINTAH	15S-23E	8	15	S	23	E	NESW
43-047-31074-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 13-26-14-22	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	26	14	S	22	E	NWNW
43-047-31091-00-00	EVERGREEN OPERATING CORP	FEDERAL 2-18-15-22	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-22E	18	15	S	22	E	SWSE
43-047-31096-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS 9-12-14-21	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-21E	12	14	S	21	E	SENE
43-047-31104-00-00	EVERGREEN OPERATING CORP	BLACK HORSE 12-8-15-24	Gas Well	Shut-In	SOUTH CANYON	UINTAH	15S-24E	8	15	S	24	E	SWNW
43-047-31111-00-00	EVERGREEN OPERATING CORP	MAIN CYN 16-4-15-23	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-23E	4	15	S	23	E	NENE
43-047-31134-00-00	EVERGREEN OPERATING CORP	FED ENI 7-1	Gas Well	Producing	DAVIS CANYON	UINTAH	13S-26E	7	13	S	26	E	NENE
43-047-31135-00-00	EVERGREEN OPERATING CORP	STATE 8-2-15-22	Gas Well	Shut-In	MAIN CANYON	UINTAH	15S-22E	2	15	S	22	E	NESE
43-047-31137-00-00	EVERGREEN OPERATING CORP	FEDERAL 5-13-15-21	Gas Well	Shut-In	WOLF POINT	UINTAH	15S-21E	13	15	S	21	E	NWSW
43-047-31348-00-00	EVERGREEN OPERATING CORP	FEDERAL 12-18-14-22	Gas Well	Shut-In	PINE SPRINGS	UINTAH	14S-22E	18	14	S	22	E	SWNW
~~43-047-34674-00-00~~	~~EVERGREEN OPERATING CORP~~	~~PINE SPRINGS FED 3-23-14S-22E~~	~~Gas Well~~	~~Location Abandoned~~	~~PINE SPRINGS~~	~~UINTAH~~	~~14S-22E~~	~~23~~	~~14~~	~~S~~	~~22~~	~~E~~	~~SENE~~
43-047-34675-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 3-23-14S-22E	Gas Well	Producing	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SESW
43-047-34676-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 12-23-14S-22E	Gas Well	Temporarily-Abandoned	PINE SPRINGS	UINTAH	14S-22E	23	14	S	22	E	SWNW
43-047-34941-00-00	EVERGREEN OPERATING CORP	BONANZA FED 15-27-10-25	Gas Well	Producing	UNDESIGNATED	UINTAH	10S-25E	27	10	S	25	E	NWNE
43-047-35555-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS ST 6-36-14-22	Gas Well	Spudded (Drilling commenced: Not yet completed)	UNDESIGNATED	UINTAH	14S-22E	36	14	S	22	E	NESW
43-047-35556-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 4-22-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	22	14	S	22	E	SWSW
43-047-35566-00-00	EVERGREEN OPERATING CORP	PINE SPRINGS FED 15-21-14-22	Gas Well	Approved permit (APD); not yet spudded	PINE SPRINGS	UINTAH	14S-22E	21	14	S	22	E	NWNE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Huber State 1-35 WDW	API Number 4301332308
Location of Well Footage : 540' FSL 1135 FWL County : Duchesne QQ, Section, Township, Range: SWSW 35 11S 10E State : UTAH	Field or Unit Name Castlegate Lease Designation and Number ML-48822

EFFECTIVE DATE OF TRANSFER: 12/1/2003

CURRENT OPERATOR

Company: J.M. Huber Corprotation
Address: 1050 17th Street, Suite 700
city Denver state CO zip 80265
Phone: (303) 825-7900
Comments:

Name: Robert F. Unger
Signature: Robert F. Unger
Title: Senior Vice President
Date: 1/20/04

NEW OPERATOR

Company: Evergreen Operating Corporation
Address: 1401 17th Street, Suite 1200
city Denver state CO zip 80202
Phone: (303) 298-8100
Comments:

Name: Scott Zimmerman
Signature: Scott Z
Title: VP Operations & Engineering
Date:

(This space for State use only)

Transfer approved by: M. Hunt
Title: Tech Services Manager

Approval Date: 2-5-04

Comments: UIC-295
next MIT due 11/07

RECEIVED
FEB 05 2004
DIV. OF OIL, GAS & MINING

(5/2000)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

Operator Name Change — **X Merger**

The operator of the well(s) listed below has changed, effective: **9/28/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N2545-Evergreen Operating Corp. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1-(303) 298-8100	N5155-Pioneer Natural Resources USA, Inc. 5205 N O'Connor Blvd Irving, TX 75039 Phone: 1-(972) 444-9001

CA No. **Unit:**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HUBER-ST 1-35	35	110S	100E	4301332308	13472	State	WD	A
HUBER-JENSEN 1-4	04	120S	100E	4300730733	13068	Fee	GW	P
HUBER-JENSEN 2-8	08	120S	100E	4300730734	13275	Fee	GW	P
HUBER-JENSEN 1-8	08	120S	100E	4300730768	13359	Fee	GW	P
HUBER-JENSEN 2-9	09	120S	100E	4300730735	13317	Fee	GW	P
SHIMMIN 11-14	14	120S	100E	4300730962	14223	Fee	GW	DRL K
HUBER-JENSEN 1-15	15	120S	100E	4300730736	13072	Fee	GW	P
JENSON 7-15 DEEP	15	120S	100E	4300730786	13247	Fee	GW	TA
HUBER-STATE 1-16	16	120S	100E	4300730589	12610	State	GW	P
HUBER-ST 4-16	16	120S	100E	4300730785	13318	State	GW	P
STATE 11-16	16	120S	100E	4300730961	14224	State	GW	DRL K
HUBER-JENSEN 1-18	18	120S	100E	4300730718	14226	Fee	GW	DRL
PINE SPRINGS ST 6-36-14-22	36	140S	220E	4304735555	14352	State	GW	DRL K
STATE 8-2-15-22	02	150S	220E	4304731135	8076	State	GW	S
PINE SPRINGS FED 12-23-14S-22E	23	140S	220E	4304734676	13616	Federal	GW	TA K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/21/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 10/21/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 5738462-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:

6b. Inspections of LA PA state/fee well sites complete on: ***

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7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: not yet

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 10/28/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/28/2004
3. Bond information entered in RBDMS on: 10/28/2004
4. Fee/State wells attached to bond in RBDMS on: 10/28/2004
5. Injection Projects to new operator in RBDMS on: 10/28/2004
6. Receipt of Acceptance of Drilling Procedures for APD/New on: ***

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 104091293

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 104319462

2. The **FORMER** operator has requested a release of liability from their bond on: 10/21/2004
The Division sent response by letter on: 10/28/2004

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/1/2004

COMMENTS:

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48822

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: NA

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection Well

8. WELL NAME and NUMBER: Huber St 1-35 WDW

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc.

9. API NUMBER: 4301332~~1~~708

3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039 PHONE NUMBER: (972) 444-9001

10. FIELD AND POOL, OR WILDCAT: Castlegate

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 540S 1135W COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 35 11S 10E 6 STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004 for Underground Injection Control Permit # 295.1.
2. Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
3. UIC Form 5 attached

Name: Dennis R. Carlton Title: Executive Vice President, Evergreen Resources, Inc. N2545

Signature: [signature] Date: 10/18/04

NAME (PLEASE PRINT) Jay Still TITLE Vice President, Western Division(Pioneer Nat. Res)

SIGNATURE [signature] DATE 10/19/04 N5155

(This space for State use only)

APPROVED 10/28/04
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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(5/2000)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Pioneer Natural Resources USA, Inc. N5155

9. API NUMBER:

3. ADDRESS OF OPERATOR: 5205 N. O'Connor Blvd CITY Irving STATE TX ZIP 75039 PHONE NUMBER: (972) 444-9001

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. Operator change due to the merger between Pioneer Natural Resources USA, Inc and Evergreen Resources Inc., effective September 28, 2004.
2. See list attached for all wells currently operated under the name of Evergreen Operating (subsidiary of Evergreen Resources) as listed on the DOGM database on October 15, 2004.
3. Operator will now be Pioneer Natural Resources USA, Inc. Local operation address info and contacts under separate cover.
4. Surety Bond #104319462 (replaces RLB 0006706) attached
5. Copy of Oil & Gas Geothermal Lease Bond - BLM #104091293 attached

Name: Dennis R. Carlton

Title: Executive Vice President, Evergreen Operating Corp. N2545

Signature: _____

Date: 10/18/04

NAME (PLEASE PRINT) Jay Still

TITLE Vice President, Western Division, Pioneer Natural Resources USA Inc.

SIGNATURE _____

DATE 10/19/04

(This space for State use only)

APPROVED 10/28/04
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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(5/2000)

Pioneer Natural Resources
1401 17th Street, Suite 1200
Denver, Colorado 80202
Contact: Kallasandra Boulay
Phone: (303) 675-2719

RECEIVED
JAN 06 2006
DIV. OF OIL, GAS & MINING

State Well Name	Well Name	Q	S	T	R	State	County	Field	Status (State)	API #	Operator	Well Type
Huber-Federal 7-9	Huber Federal 7-9-12-10	SWNE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30137	PNR	Gas Well
Huber-Jensen 1-10	Huber Jensen 1-10-12-10	NWSW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30596	PNR	Gas Well
Huber-Jensen 11-10	Huber Jensen 11-10-12-10	NESW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30164	PNR	Gas Well
Huber-Jensen 1-15	Huber Jensen 1-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30736	PNR	Gas Well
Huber-Jensen 1-4	Huber Jensen 1-4-12-10	SWSE	4	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30733	PNR	Gas Well
Huber-Jensen 16-9	Huber Jensen 16-9-12-10	SESE	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30163	PNR	Gas Well
Huber-Jensen 1-8	Huber Jensen 1-8-12-10	NESE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30768	PNR	Gas Well
Huber-Jensen 1-9	Huber Jensen 1-9-12-10	NWSW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30717	PNR	Gas Well
Huber-Jensen 2-8	Huber Jensen 2-8-12-10	NENE	8	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30734	PNR	Gas Well
Huber-Jensen 2-9	Huber Jensen 2-9-12-10	NENW	9	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30735	PNR	Gas Well
Huber-Jensen 5-10	Huber Jensen 5-10-12-10	SWNW	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30162	PNR	Gas Well
Huber-Jensen 9-10	Huber Jensen 9-10-12-10	NESE	10	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30159	PNR	Gas Well
Huber-Shimmin Trust 1-11	Huber Shimmin Trust 1-11-12-10	SWSW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30673	PNR	Gas Well
Huber-Shimmin Trust 1-12	Huber Shimmin Trust 1-12-12-10	NWSW	12	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30674	PNR	Gas Well
Huber-Shimmin Trust 2-11	Huber Shimmin Trust 2-11-12-10	SESE	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30659	PNR	Gas Well
Huber-Shimmin Trust 3-14	Huber Shimmin Trust 3-14-12-10	SENE	14	12S	10E	Utah	Carbon	Castlegate	SI	43-007-30640	PNR	Gas Well
Huber-Shimmin Trust 4-14	Huber Shimmin Trust 4-14-12-10	SENW	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30662	PNR	Gas Well
Huber-State 1-16	Huber State 1-16-12-10	NWNE	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30589	PNR	Gas Well
Huber -St 4-16	Huber State 4-16-12-10	SENW	16	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30785	PNR	Gas Well
Jenson 7-15 Deep	Jensen Deep 7-15-12-10	SWNE	15	12S	10E	Utah	Carbon	Castlegate	TA	43-007-30786	PNR	Gas Well
Shimmin Trust 11-11	Shimmin Trust 11-11-12-10	NESW	11	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30166	PNR	Gas Well
Shimmin Trust 14-12	Shimmin Trust 14-12-12-10	SESW	12	12S	10E	Utah	Carbon	Castlegate	XX	43-007-30169	PNR	Gas Well
Shimmin Trust 5	Shimmin Trust 5-14-12-10	NWNE	14	12S	10E	Utah	Carbon	Castlegate	PR	43-007-30122	PNR	Gas Well
Huber-St 1-35	Huber State 1-35-12-10 WDW	SWSW	35	12S	10E	Utah	Duchesne	Castlegate	Active	43-013-32308	PNR	WDW
Anderson Fed 2	Anderson Federal 2-12-16S-24E	SWSW	12	16S	24E	Utah	Grand	East Canyon	PR	43-019-30136	PNR	Gas Well
Federal 1-34	Bryson Canyon Federal 1-34-16S-24E	NESE	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31077	PNR	Gas Well
Federal 2-34	Bryson Canyon Federal 2-34-16S-24E	SESW	34	16S	24E	Utah	Grand	Bryson Canyon	PR	43-019-31078	PNR	Gas Well
Federal 24-1	East Canyon Federal 24-1-16S-24E	NWNE	1	16S	24E	Utah	Grand	East Canyon	PA	43-019-30955	PNR	Gas Well
Black Horse 2	Black Horse 2 1-29-15S-24E	SESE	29	15S	24E	Utah	Uintah	Black Horse Canyon	SI	43-047-30248	PNR	Gas Well
Fed ENI 7-1	Davis Canyon Federal ENI 7-1-13S-26E	NENE	1	13S	26E	Utah	Uintah	Davis Canyon	SI	43-047-31134	PNR	Gas Well

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Huber St 1-35 WDW (Permit #UIC 295.1)	API Number 4301332317 08
Location of Well Footage : 540 S 1135 W County : Duchesne QQ, Section, Township, Range: SWSW 35 11S 10E State : UTAH	Field or Unit Name Castlegate Lease Designation and Number ML-48822

EFFECTIVE DATE OF TRANSFER: 9/28/2004

CURRENT OPERATOR

Company: Evergreen Operating Corp.
Address: 1401 17th Street, Ste 1200
city Denver state CO zip 80202
Phone: (303) 298-8100
Comments:

Name: Dennis R. Carlton
Signature:
Title: Executive Vice President
Date: 10/18/04

NEW OPERATOR

Company: Pioneer Natural Resources USA, Inc.
Address: 5205 N. O'Connor Blvd, Ste 1400
city Irving state TX zip 75039
Phone: (972) 444-9001
Comments: Local Operator address: 1401 17th Street, Suite 1200
Denver, CO 80202
ATTN: Dave Holmes

Name: Jay Still
Signature:
Title: Vice President, Western Division
Date: 10/19/04

(This space for State use only)

Transfer approved by:
Title: Field Services Manager
Approval Date: 10-26-04
Comments: Cause # UIC-295

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: See attached list

2. NAME OF OPERATOR: Pioneer Natural Resources

9. API NUMBER: 4301332308

3. ADDRESS OF OPERATOR: 1401 17th St., Suite 1200 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 298-8100

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 11S 10E 35

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
1/13/2006	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☑ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change well name from "State Well Name" (Column 1) to "Well Name" (Column 2). See attached list for wells.

NAME (PLEASE PRINT) Kallasandra M. Boulay TITLE Engineering Analyst

SIGNATURE DATE 1/3/2006

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DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **4/1/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5155-Pioneer Natural Resources USA, Inc. 1401 17th St, Suite 1200 Denver, CO 80202 Phone: 1 (303) 675-2610	N3680-Blue Tip Castlegate, Inc. 15810 Park Ten Place, Suite 160 Houston, TX 77084 Phone: 1 (303) 979-6023

CA No. **Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CASTLEGATE ST 1-35-12-10 WD	35	110S	100E	4301332308	13472	State	WD	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/3/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/3/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 5/10/2010

4a. Is the new operator registered in the State of Utah: Business Number: 7624076-0142

5a. (R649-9-2)Waste Management Plan has been received on: Requested 9/13/2010

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 1/5/2011

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 1/5/2011
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 1/5/2011
3. Bond information entered in RBDMS on: 1/5/2011
4. Fee/State wells attached to bond in RBDMS on: 1/5/2011
5. Injection Projects to new operator in RBDMS on: 1/5/2011
6. Receipt of Acceptance of Drilling Procedures for APD/New on:

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B005638
2. Indian well(s) covered by Bond Number: n/a

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B005639 and B005650

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/30/2010

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: See Attached

2. NAME OF OPERATOR: Blue Tip Castlegate, Inc. N3680

9. API NUMBER:

3. ADDRESS OF OPERATOR: 15810 Park Ten Place - Ste 160 CITY Houston STATE TX ZIP 77084 PHONE NUMBER: (303) 979-6023

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
4/1/2010	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Blue Tip Castlegate, Inc. has acquired all of Pioneer Natural Resources USA, Inc's interest in the Castlegate Field - see attached well list. The effective date of change of operator is April 1, 2010.

Betty Brownson 5/13/10
Betty Brownson Date
Attorney-In-Fact
Pioneer Natural Resources USA, Inc. N5155
1401 17th Street - Suite 1200
Denver, CO 80202
Phone: 303-675-2610

Bruce L Taylor 5/13/10
Bruce L. Taylor Date
~~Manager~~ Vice President BLT
Blue Tip Castlegate, Inc.
15810 Park Ten Place - Suite 160
Houston, TX 77084
Telephone: 303-979-6023
State Bond No.: B005639
BLM Bond No.: B005638

NAME (PLEASE PRINT) Bruce L. Taylor TITLE ~~Manager~~ Vice President BLT

SIGNATURE Bruce L Taylor DATE 5/13/10

(This space for State use only)

APPROVED 1/5/2011
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

(5/2000)

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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Castlegate St 1-35-12-10 WDW	API Number 4301332308
Location of Well Footage : 540' FSL, 1135' FWL QQ, Section, Township, Range: SWSW 35 11S 10E County : Duchesne State : UTAH	Field or Unit Name Castlegate Lease Designation and Number ML-48822

EFFECTIVE DATE OF TRANSFER: 4/1/2010

CURRENT OPERATOR

Company: Pioneer Natural Resources USA, Inc. N5155
Address: 1401 17th Street - Suite 1200
city Denver state CO zip 80202
Phone: (303) 298-8100
Comments:

Name: Betty Brownson
Signature: Betty Brownson
Title: Attorney-In-Fact
Date: 5/13/10

NEW OPERATOR

Company: Blue Tip Castlegate, Inc. N3680
Address: 15810 Park Ten Place - Suite 160
city Houston state TX zip 77084
Phone: (303) 979-6023
Comments:

Name: Bruce L. Taylor
Signature: Bruce L Taylor
Title: ~~Manager~~ Vice President BLT
Date: 5/13/10

(This space for State use only)

Transfer approved by: [signature]
Title: UIC Geologist

Approval Date: 1/3/11

Comments:

RECEIVED
JUN 01 2010
DIV. OF OIL, GAS & MINING

(5/2000)

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 25, 2013

Blue Tip Castlegate, Inc.
14905 120 TH RD
Erie, KS 66733

11S 10E 35

SUBJECT: Pressure Test for Mechanical Integrity, Castlegate St 1-35-12-10 WD Well (43-013-32308), Duchesne County, Utah:

To Whom It May Concern:

The Underground Injection Control Program, which the Division of Oil, Gas and Mining (DOGM) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. Rule R649-5-5.3 of the Oil and Gas Conservation General Rules requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five-year period beginning October 1982. The following wells require a current test:

Castlegate St 1-35-12-10 WD 43-013-32308

Please make arrangements and ready wells for testing during the week of April 15th, 2013, as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), along with personnel to assist in opening valves, etc.

2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.

3. If mechanical difficulties or workover operations make it impossible for the well(s) to be tested on this date the test(s) may be rescheduled.

4. Company personnel should meet a DOGM representative(s) at the field office or other location as negotiated.

5. All bradenhead valves with exception of the tubing on the injection well(s) must be shut-in 24 hours prior to testing.

Please contact me at (435) 820-0862 to arrange a meeting time and place or to negotiate a different date, if the date(s) specified is unacceptable.

Sincerely,

Bart Kettle
Environmental Scientist

bk/dj/js

cc: Dan Jarvis, Operations Manager
Well File

Division of Oil, Gas and Mining
Operator Change/Name Change Worksheet-for State use only

Effective Date: 7/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Blue Tip Castlegate, Inc. 15810 Park Ten Place, Suite 160 Houston TX 77084	Liberty Pioneer Energy Sources, Inc. 1411 East 840 North Orem UT 84097
CA Number(s):	Unit(s): N/A

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 7/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 7/21/2016
3. New operator Division of Corporations Business Number: 6353640-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 8/26/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 8/26/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 8/26/2016
6. Surface Facility(s) included in operator change: N/A
7. Inspections of PA state/fee well sites complete on (only upon operators request): N/A

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ~~N/A~~ UTB000334
2. Indian well(s) covered by Bond Number: N/A
3.State/fee well(s) covered by Bond Number(s): RLB0012097

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 8/26/2016
2. Entity Number(s) updated in **OGIS** on: 8/26/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 8/26/2016
6. Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

From: Blue Tip Castlegate, Inc.
To: Liberty Pioneer Energy Source, Inc.
Effective: 7/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
CASTLEGATE ST 1-35-12-10 WD	35	110S	100E	4301332308	13472	State	State	WD	A
JENSEN 9-10-12-10	10	120S	100E	4300730159	12906	Fee	Fee	GW	P
JENSEN 5-10-12-10	10	120S	100E	4300730162	12905	Fee	Fee	GW	P
JENSEN 16-9-12-10	9	120S	100E	4300730163	12904	Fee	Fee	GW	P
JENSEN 11-10-12-10	10	120S	100E	4300730164	11405	Fee	Fee	GW	P
CASTLEGATE ST 1-16-12-10	16	120S	100E	4300730589	12610	State	State	GW	P
JENSEN 1-10-12-10	10	120S	100E	4300730596	12611	Fee	Fee	GW	P
JENSEN 1-9-12-10	9	120S	100E	4300730717	12903	Fee	Fee	GW	P
JENSEN 2-9-12-10	9	120S	100E	4300730735	13317	Fee	Fee	GW	P
JENSEN 1-15-12-10	15	120S	100E	4300730736	13072	Fee	Fee	GW	P
JENSEN 1-8-12-10	8	120S	100E	4300730768	13359	Fee	Fee	GW	P
JENSEN DEEP 7-15-12-10	15	120S	100E	4300730786	13247	Fee	Fee	GW	P
JENSEN 23C-9-12-10	9	120S	100E	4300731211	15770	Fee	Fee	GW	P
JENSEN 33C-9-12-10	9	120S	100E	4300731212	15769	Fee	Fee	GW	P
JENSEN 43C-9-12-10	9	120S	100E	4300731214	15768	Fee	Fee	GW	P
CASTLEGATE FED 22C-9-12-10	9	120S	100E	4300731225	15767	Federal	Federal	GW	P
JENSEN 41C-9-12-10	9	120S	100E	4300731452	17246	Fee	Fee	GW	P
JENSEN 14C-10-12-10	10	120S	100E	4300731453	17235	Fee	Fee	GW	P
JENSEN FED 6-10-12-10	10	120S	100E	4300750177	18209	Federal	Fee	GW	P
SHIMMIN TRUST 5-14-12-10	14	120S	100E	4300730122	14175	Fee	Fee	GW	S
CASTLEGATE FED 7-9-12-10	9	120S	100E	4300730137	12991	Federal	Federal	GW	S
SHIMMIN TRUST 11-11-12-10	11	120S	100E	4300730166	11410	Fee	Fee	GW	S
SHIMMIN TRUST 2-11-12-10	11	120S	100E	4300730659	13070	Fee	Fee	GW	S
SHIMMIN TRUST 4-14-12-10	14	120S	100E	4300730662	13071	Fee	Fee	GW	S
SHIMMIN TRUST 1-11-12-10	11	120S	100E	4300730673	12901	Fee	Fee	GW	S
JENSEN 1-18-12-10	18	120S	100E	4300730718	14226	Fee	Fee	GW	S
JENSEN 1-4-12-10	4	120S	100E	4300730733	13068	Fee	Fee	GW	S
JENSEN 2-8-12-10	8	120S	100E	4300730734	13275	Fee	Fee	GW	S
CASTLEGATE ST 4-16-12-10	16	120S	100E	4300730785	13318	State	State	GW	S
CASTLEGATE ST 11-16H-12-10	16	120S	100E	4300730961	14224	State	State	GW	S
JENSEN 42C-9-12-10	9	120S	100E	4300731213	15766	Fee	Fee	GW	S
JENSEN 2C-9	9	120S	100E	4300750179	18242	Fee	Fee	GW	S
JENSEN ST 11C-34-11-9	34	110S	090E	4304930024	17071	State	Fee	GW	S

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: SEE ATTACHED LIST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER: SEE ATTACHED LIST
9. API NUMBER: SEE ATTACHED LIST
10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR: Liberty Pioneer Energy Source, Inc.

3. ADDRESS OF OPERATOR: 1411 E 840 N CITY Orem STATE UT ZIP 84097 PHONE NUMBER: (801)224-4771

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED LIST COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

CHANGE OF OPERATOR

PREVIOUS OPERATOR:
Blue Tip Castlegate, Inc. N3680
15810 Park Ten Place - Suite 160
Houston, TX 77084
Phone (281) 994-3800

Operator Number N3680

By: Bruce L. Taylor
Bruce L. Taylor, Vice President

NEW OPERATOR:
Liberty Pioneer Energy Source, Inc. N2855
1411 East 840 North
Orem, UT 84097
Phone (801) 224-4771

Operator Number N2855

RECEIVED
JUL 21 2016
DIV. OF OIL, GAS & MINING

Be advised that Liberty Pioneer Energy Source, Inc. is responsible under the terms and conditions of the related leases for the operations conducted upon the leased lands. Bond coverage is covered by Bond No. RLB0012097.

NAME (PLEASE PRINT) Kimball Hodges TITLE Vice President of Liberty Pioneer Energy Source, Inc.

SIGNATURE _____ DATE 7/18/16

(This space for State use only)

APPROVED
AUG 26 2016
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080001	JENSEN 1-4-12-10	Salt Lake Meridian T12S R10E Sec 04: SWSE	BLUE TIP CASTLEGATE INC.	43-007-30733-0000	CARBON	UTAH
2080002	JENSEN 1-8-12-10	Salt Lake Meridian T12S R10E Sec 08: NESE	BLUE TIP CASTLEGATE INC.	43-007-30768-0000	CARBON	UTAH
2080003	JENSEN 2-8-12-10	Salt Lake Meridian T12S R10E Sec 08: NENE	BLUE TIP CASTLEGATE INC.	43-007-30734-0000	CARBON	UTAH
2080004	CASTLEGATE FED 22C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SENW	BLUE TIP CASTLEGATE INC.	43-007-31225-0000	CARBON	UTAH
2080005	CASTLEGATE FED 7-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30137-0000	CARBON	UTAH
2080006	JENSEN 1-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NWSW	BLUE TIP CASTLEGATE INC.	43-007-30717-0000	CARBON	UTAH
2080007	JENSEN 2-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NENW	BLUE TIP CASTLEGATE INC.	43-007-30735-0000	CARBON	UTAH
2080008	JENSEN 16-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SESE	BLUE TIP CASTLEGATE INC.	43-007-30163-0000	CARBON	UTAH
2080009	JENSEN 23C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NESW	BLUE TIP CASTLEGATE INC.	43-007-31211-0000	CARBON	UTAH
2080010	JENSEN 33C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NWSE	BLUE TIP CASTLEGATE INC.	43-007-31212-0000	CARBON	UTAH
2080011	JENSEN 42C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: SENE	BLUE TIP CASTLEGATE INC.	43-007-31213-0000	CARBON	UTAH
2080012	JENSEN 43C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NESE	BLUE TIP CASTLEGATE INC.	43-007-31214-0000	CARBON	UTAH
2080013	JENSEN 1-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NWSW	BLUE TIP CASTLEGATE INC.	43-007-30596-0000	CARBON	UTAH
2080014	JENSEN 5-10-12-10	Salt Lake Meridian T12S R10E Sec 10: SWNW	BLUE TIP CASTLEGATE INC.	43-007-30162-0000	CARBON	UTAH
2080015	JENSEN 11-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NESW	BLUE TIP CASTLEGATE INC.	43-007-30164-0000	CARBON	UTAH

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ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080016	JENSEN 14C-10-12-10	Salt Lake Meridian T12S R10E Sec 10: SWSW	BLUE TIP CASTLEGATE INC.	43-007-31453-0000	CARBON	UTAH
2080017	SHIMMIN TRUST 1-11-12-10	Salt Lake Meridian T12S R10E Sec 11: SWSW	BLUE TIP CASTLEGATE INC.	43-007-30673-0000	CARBON	UTAH
2080018	SHIMMIN TRUST 2-11-12-10	Salt Lake Meridian T12S R10E Sec 11: SESE	BLUE TIP CASTLEGATE INC.	43-007-30659-0000	CARBON	UTAH
2080019	SHIMMIN TRUST 4-14-12-10	Salt Lake Meridian T12S R10E Sec 14: SENW	BLUE TIP CASTLEGATE INC.	43-007-30662-0000	CARBON	UTAH
2080020	SHIMMIN TRUST 5-14-12-10	Salt Lake Meridian T12S R10E Sec 14: NWNE	BLUE TIP CASTLEGATE INC.	43-007-30122-0000	CARBON	UTAH
2080021	JENSEN 1-15-12-10	Salt Lake Meridian T12S R10E Sec 15: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30736-0000	CARBON	UTAH
2080022	JENSEN DEEP 7-15-12-10	Salt Lake Meridian T12S R10E Sec 15: SWNE	BLUE TIP CASTLEGATE INC.	43-007-30786-0000	CARBON	UTAH
2080023	CASTLEGATE ST 1-16-12-10	Salt Lake Meridian T12S R10E Sec 16: NWNE	BLUE TIP CASTLEGATE INC.	43-007-30589-0000	CARBON	UTAH
2080024	CASTLEGATE ST 4-16-12-10	Salt Lake Meridian T12S R10E Sec 16: SENW	BLUE TIP CASTLEGATE INC.	43-007-30785-0000	CARBON	UTAH
2080025	JENSEN 1-18-12-10	Salt Lake Meridian T12S R10E Sec 18: NESE	BLUE TIP CASTLEGATE INC.	43-007-30718-0000	CARBON	UTAH
2080026	CASTLEGATE ST 1-35-12-10 WD	Salt Lake Meridian T11S R10E Sec 35: SWSW	BLUE TIP CASTLEGATE INC.	43-013-32308-0000	DUCHESNE	UTAH
2080027	CASTLEGATE ST 11-16H-12-10	Salt Lake Meridian T12S R10E Sec 16: NWNW	BLUE TIP CASTLEGATE INC.	43-007-30961-0000	CARBON	UTAH
2080028	JENSEN STATE 11C-34-11-9	Salt Lake Meridian T11S R9E Sec 34: NWNW	BLUE TIP CASTLEGATE INC.	43-049-30024-0000	UTAH	UTAH
2080030	JENSEN 41C-9-12-10	Salt Lake Meridian T12S R10E Sec 09: NENE	BLUE TIP CASTLEGATE INC.	43-007-31452-0000	CARBON	UTAH

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ATTACHED LIST to Change of Operator Sundry Notice

BTC WELL NUMBER	WELL NAME AND NUMBER	LEGAL DESCRIPTION	OPERATOR	API	COUNTY	STATE
2080032	JENSEN 9-10-12-10	Salt Lake Meridian T12S R10E Sec 10: NESE	BLUE TIP CASTLEGATE INC.	43-007-30159-0000	CARBON	UTAH
2080033	SHIMMIN TRUST 11-11-12-10	Salt Lake Meridian T12S R10E Sec 11: NESW	BLUE TIP CASTLEGATE INC.	43-007-30166-0000	CARBON	UTAH
2080042	JENSEN 2C-9-12-10	Salt Lake Meridian T12S R10E Sec 9: NW4NE4	BLUE TIP CASTLEGATE INC.	43-007-01790-0000 50179	CARBON	UTAH
2080043	JENSEN FED 6-10-12-10	Salt Lake Meridian T12S R10E Sec 6: SE4NW4	BLUE TIP CASTLEGATE INC.	43-007-50177-0000	CARBON	UTAH

33

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number Castlegate St 1-35-12-10	API Number 4301332308
Location of Well Footage : 540' FSL, 1135' FWL County : Duchesne QQ, Section, Township, Range: SWSW 35 11S 10E State : UTAH	Field or Unit Name Castlegate Lease Designation and Number ML-48822

EFFECTIVE DATE OF TRANSFER: 7/1/2016

CURRENT OPERATOR

Company: Blue Tip Castlegate, Inc.
Address: P. O. Box 842317
city Houston state TX zip 77284
Phone: (281) 944-3800
Comments:

Name: Bruce L. Taylor
Signature: Bruce L Taylor
Title: Secretary
Date: 7/1/2016

NEW OPERATOR

Company: WEM Castlegate, LLC
Address: 1411 East 840 North
city Orem state UT zip 84097
Phone:
Comments:

Name: Cory Kusen
Signature: Cory
Title: Manager
Date: 7/11/16

(This space for State use only)

Transfer approved by: Dan Jarvis
Title: UIC Geologist

Approval Date: 8/3/16

Comments:

RECEIVED
JUL 21 2016
DIV. OF OIL, GAS & MINING

(5/2000)

LIBERTY PIONEER

ENERGY ★ SOURCE

Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116

RE: Bonding for Castlegate Field Wells

August 15, 2016

Dustin:

Blue Tip Energy Management, LLC was the previous operator and bondholder of the Castle Gate Field and associated wells listed below. Liberty Pioneer Energy Source, Inc. ("LPES") has submitted the necessary paperwork to take over as the new operator of theses wells. Per our recent communications we would like to make the following proposal pertaining to the bonding of the wells listed below so that all of the wells in the field will be covered by LPES blanket bond #RLB0012097.

1) LPES plans to P&A the following wells prior to November 1, 2016:

13318 CASTLEGATE ST 4-16-12-10
14224 CASTLEGATE ST 11-16H-12-10

2) LPES is currently getting pricing to build a pipeline to the following well which is believed to be capable of production. If pricing is reasonable, LPES will propose production testing and flaring. We will notify you of our decision to either run a pipeline or plug and abandon this well before the end of 2016. If the decision is to produce, LPES will commence the pipeline permitting process before the end of 2016:

17071 JENSEN STATE 11C-34-11-9

3) Wells that are currently producing or will be returned to producing status by October 1, 2016:

13070	SHIMMIN TRUST 2-11-12-10
13275	JENSEN 2-8-12-10
13071	SHIMMIN TRUST 4-14-12-10
13068	JENSEN 1-4-12-10
18242	JENSEN 2C-9-12-10
12991	CASTLEGATE FED 7-9-12-10
11405	JENSEN 11-10-12-10
12610	CASTLEGATE ST 1-16-12-10
12611	JENSEN 1-10-12-10
12903	JENSEN 1-9-12-10
12904	JENSEN 16-9-12-10
12905	JENSEN 5-10-12-10
12906	JENSEN 9-10-12-10
13072	JENSEN 1-15-12-10
13247	JENSEN DEEP 7-15-12-10
13317	JENSEN 2-9-12-10
13359	JENSEN 1-8-12-10
15766	JENSEN 42C-9-12-10
15767	CASTLEGATE FED 22C-9-12-10
15768	JENSEN 43C-9-12-10
15769	JENSEN 33C-9-12-10
15770	JENSEN 23C-9-12-10
17235	JENSEN 14C-10-12-10
17246	JENSEN 41C-9-12-10
14226	JENSEN 1-18-12-10
11410	SHIMMIN TRUST 11-11-12-10
12901	SHIMMIN TRUST 1-11-12-10
14175	SHIMMIN TRUST 5-14-12-10
18209	JENSEN 6-10-12-10

Thanks for your help. Please let us know if you have any questions.

Sincerely,

Daniel R. Gunnell
President
Liberty Pioneer Energy Source, Inc.
1411 East 840 North
Orem, UT 84097

Rachel Medina <rachelmedina@utah.gov>

Fwd: LPES plans for the Castlegate field wells/Bonding

2 messages

Dayne Doucet <daynedoucet@utah.gov> Wed, Aug 17, 2016 at 11:46 AM
To: Rachel Medina <rachelmedina@utah.gov>, Randy Thackeray <randythackeray@utah.gov>

FYI

——— Forwarded message ———
From: **Daniel Gunnell** <dgunnell@rockiesstandard.com>
Date: Wed, Aug 17, 2016 at 9:40 AM
Subject: Re: LPES plans for the Castlegate field wells/Bonding
To: Dustin Doucet <dustindoucet@utah.gov>
Cc: Brad Gunnell <bgunnell@rockiesstandard.com>, Cory Jensen <cjensen@rockiesstandard.com>, Kimball Hodges <khodges@rockiesstandard.com>, Dayne Doucet <daynedoucet@utah.gov>, Joshua Payne <joshuapayne@utah.gov>

Dustin:

Thanks for your help with this! Please find Bond Proposal Letter attached.

If there is anything else you need please let me know. The Blue Tip guys are anxious to get their bond released.

Let me know if I need to send a hard copy of the letter.

Best,

Danny

On Mon, Aug 8, 2016 at 9:24 AM, Dustin Doucet <dustindoucet@utah.gov> wrote:

> Danny,
>
> Yes if you would just edit your previous plan and resubmit so there is no confusion. I think that would make it cleaner. If you decide to put a well online and have it online by the plugging deadline, then that should be fine.
>
> Dustin
>
> On Tue, Aug 2, 2016 at 4:31 PM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:
>
>> Dustin:
>>
>> Sorry for not getting back to you on this until now. There maybe a couple of wells that we may come back to you specifically on, but I think that we have now got a pretty good go forward plan that will meet and exceed your end of the year time frame for getting the wells in categories 2 and 3 in production.
>>
>> There is one material change to my previous email that we want to make you aware of - instead of plugging the 11C-34 we are seriously considering running a pipeline to it and bringing online... not a final decision yet, but we are have got and are getting additional bids, and designing a test plan to better understand what production would look like.
>>
>> Do I need to submit a formal letter with dates of Nov 1 for plugging and end of year to get wells on production under our existing bonds or are these emails sufficient?
>>
>> Thanks for your help!
>>
>> Best,
>>
>> Danny

What time do you think you need? I would think by the end of the year max. If you can line out more justification, I'm open to listening to the reasoning.

Dustin

On Thu, Jun 30, 2016 at 12:21 PM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:

Dustin:

Sounds good. Thanks for your help.

Can we push back just a little to get as much time as possible for shut in wells that we need to come up with a plan for or plug (#2 in my original email?) - how much beyond Oct 2016 could you give us? We are going to be really busy so as much extra time as you can give really helps... we are reclaiming those evaporation ponds immediately, taking over operations, retrofitting the plant, plugging the identified wells, and ramping up production by reworking multiple shut-in wells that are we have already reviewed.

Let me know and thanks again.

Best,

Danny

On Thu, Jun 30, 2016 at 10:30 AM, Dustin Doucet <dustindoucet@utah.gov> wrote:

Danny,

I would be o.k. with the timing and plan on part 1. The timing on part 2 does not work. Those have been SI/TA anywhere from 2.5 to 5 years. Did you mean October 2016? Our discussions were if you had a plan to produce or plug within a short period (meaning a few months), then we could forego increased bonding but increased bonding would be necessary if that wasn't accomplished. Part 3 would be similar to part 2 on the wells that have been SI/TA. The producing ones would probably be fine as you have 1 year allowed by rule (see below).

Production data through Jan 2016

13070	SHIMMIN TRUST 2-11-12-10	SI since Sep 2014
13275	JENSEN 2-8-12-10	SI since Nov 2015
13071	SHIMMIN TRUST 4-14-12-10	SI since Dec 2015
13068	JENSEN 1-4-12-10	Produced 1 day in Jan 2016
18242	JENSEN 2C-9-12-10	Producing
12991	CASTLEGATE FED 7-9-12-10	Producing
11405	JENSEN 11-10-12-10	Producing
12610	CASTLEGATE ST 1-16-12-10	Producing
12611	JENSEN 1-10-12-10	Producing
12903	JENSEN 1-9-12-10	Producing
12904	JENSEN 16-9-12-10	Producing
12905	JENSEN 5-10-12-10	Producing
12906	JENSEN 9-10-12-10	Producing
13072	JENSEN 1-15-12-10	Produced 1 day in Jan 2016
13247	JENSEN DEEP 7-15-12-10	Produced 1 day in Jan 2016

13359 JENSEN 1-8-12-10 Producing

15766 JENSEN 42C-9-12-10 Producing

15767 CASTLEGATE FED 22C-9-12-10 Producing

15768 JENSEN 43C-9-12-10 Producing

15769 JENSEN 33C-9-12-10 Producing

15770 JENSEN 23C-9-12-10 SI since Nov 2015

17235 JENSEN 14C-10-12-10 Producing

17246 JENSEN 41C-9-12-10 Producing

18209 JENSEN 6-10-12-10 Producing

On Fri, Jun 24, 2016 at 11:28 AM, Daniel Gunnell <dgunnell@rockiesstandard.com> wrote:

Dustin:

Per our recent conversation, I wanted to informally run our plans/bonding proposal for the Castle Gate Field by you for your comment prior to submitting a final proposal. Here is what we are considering:

Blue Tip Energy Management, LLC ("Blue Tip"), is the current operator and bondholder, of the Castle Gate Field and associated wells listed below ("Wells"). LPES should take over as the new operator effective July 1 2016. In anticipation of the transfer of operations and per our recent phone conversation we would like to make the following proposal pertaining to the LPES bonding of the wells listed below so that all of the wells in the field will be covered by LPES blanket bond #RLB0012097.

1) LPES will P&A the following wells prior to November 1, 2016:

17071 JENSEN STATE 11C-34-11-9

14224 CASTLEGATE ST 11-16H-12-10

2) LPES will evaluate and propose a go forward plan after evaluation on the following shut-in wells prior to October 1 2017:

13318 CASTLEGATE ST 4-16-12-10

14226 JENSEN 1-18-12-10

11410 SHIMMIN TRUST 11-11-12-10

12901 SHIMMIN TRUST 1-11-12-10

14175 SHIMMIN TRUST 5-14-12-10

13070 SHIMMIN TRUST 2-11-12-10

13275 JENSEN 2-8-12-10

13071 SHIMMIN TRUST 4-14-12-10

13068 JENSEN 1-4-12-10

18242 JENSEN 2C-9-12-10

12991 CASTLEGATE FED 7-9-12-10

11405 JENSEN 11-10-12-10

12610 CASTLEGATE ST 1-16-12-10

12611 JENSEN 1-10-12-10

12903 JENSEN 1-9-12-10

12904 JENSEN 16-9-12-10

12905 JENSEN 5-10-12-10

12906 JENSEN 9-10-12-10

13072 JENSEN 1-15-12-10

13247 JENSEN DEEP 7-15-12-10

13317 JENSEN 2-9-12-10

13359 JENSEN 1-8-12-10

15766 JENSEN 42C-9-12-10

15767 CASTLEGATE FED 22C-9-12-10

15768 JENSEN 43C-9-12-10

15769 JENSEN 33C-9-12-10

15770 JENSEN 23C-9-12-10

17235 JENSEN 14C-10-12-10

17246 JENSEN 41C-9-12-10

18209 JENSEN 6-10-12-10

If this proposal is acceptable please let me know and I will submit a formal letter for approval. Thanks for your help.

Best,

Danny

–
Daniel R. Gunnell
1411 East 840 North
Orem, UT 84097
(801) 224-4771

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Statewide Bond Proposal.pdf
421K

Dustin Doucet <dustindoucet@utah.gov> Wed, Aug 17, 2016 at 2:01 PM
To: Daniel Gunnell <dgunnell@rockiesstandard.com>, Rachel Medina <rachelmedina@utah.gov>
Cc: Brad Gunnell <bgunnell@rockiesstandard.com>, Cory Jensen <cjensen@rockiesstandard.com>, Kimball Hodges <khodges@rockiesstandard.com>, Dayne Doucet <daynedoucet@utah.gov>, Joshua Payne <joshuapayne@utah.gov>

Danny,

I think that looks fine. If the deadlines aren't met we will be looking for full cost bonding in addition to getting the wells back into compliance. I have copied Rachel Medina on this email so she can proceed with the operator change with this plan and conditions. thanks.