

NOTICE OF STAKING
(Not to be used in place of
Application to Drill Form 9-331-C)

RMOGA
5/5/82

1. Oil Well Gas Well Other FEB 26 1990

2. Name of Operator
PG&E Resources Company

3. Address of Operator or Agent
85 South 200 East, Vernal, UT 84078

4. Surface Location of Well
(Governmental 1/4 or 1/4 1/4)
SE/SE 666' FSL 660' FEL

Attach: Topographical or other acceptable map
showing location, access road, and lease boundaries.

14. Formation Objective(s)
Green River

15. Estimated Well Depth
6500'

5. Lease Number
U-49092

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
Federal

9. Well No.
44-33-B

10. Field or Wildcat Name
Monument Butte

11. Sec., T., R., M., or
Blk and Survey or Area
Sec. 33, T8S, R16E

12. County or Parish
Duchesne

13. State
Utah

16. To Be Completed by Operator Prior to Onsite
a. Location must staked
b. Access Road Flagged
c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills
(To be provided at onsite)

17. To Be Considered By Operators Prior to Onsite
a. H₂S Potential
b. Private Surface Ownership
c. Cultural Resources (Archaeology)
d. Federal Right of Way

18. Additional Information

19. Signed R. D. Miller Title Production Foreman Date 2/23/90
R. D. Miller

- Orig. & 2 copies - BLM
- 1 copy - Div. Oil, Gas & Mining
- 1 copy - Stan Goodrich
- 1 copy - Central Files

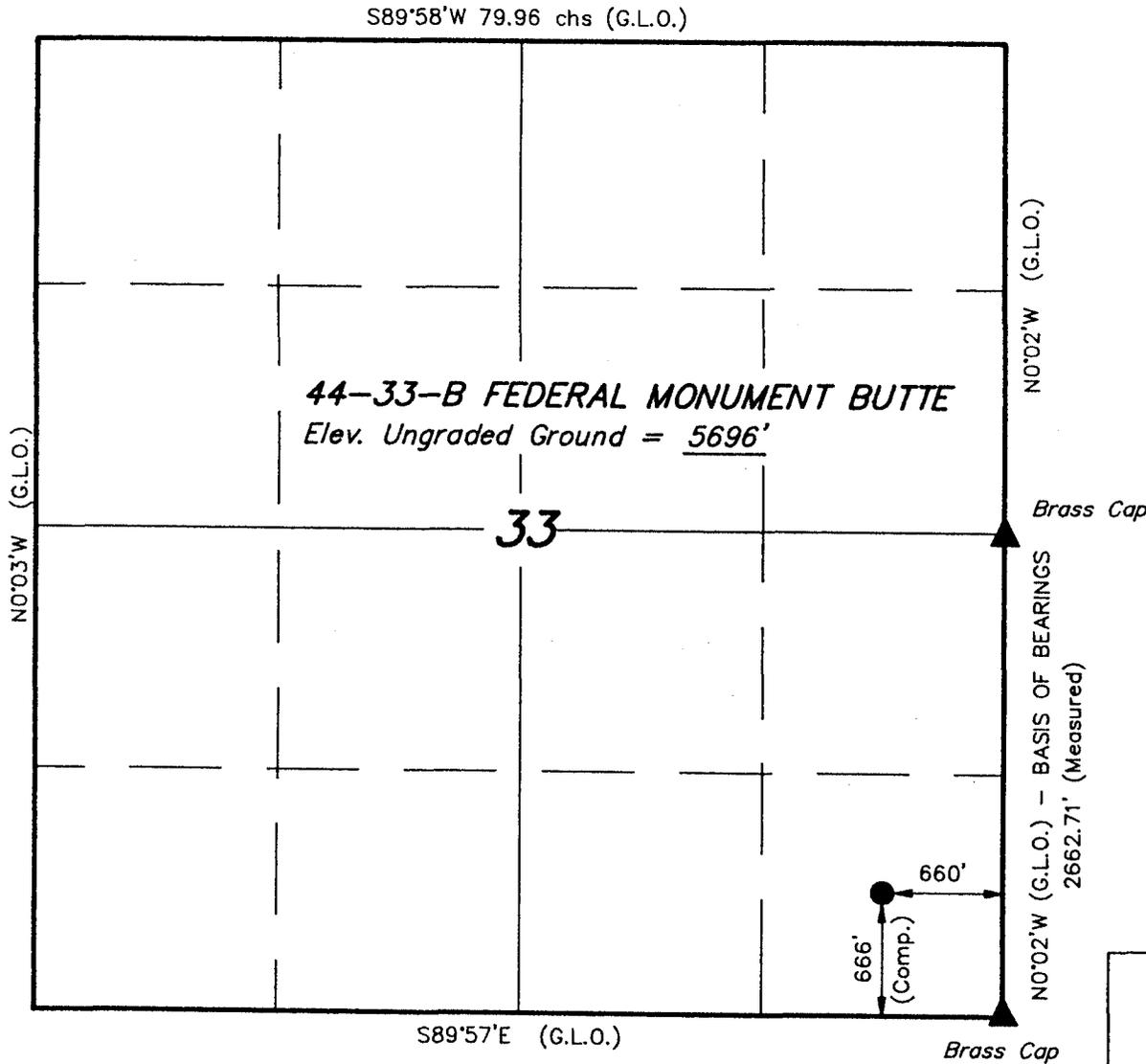
T8S, R16E, S.L.B.&M.

PG&E RESOURCES COMPANY

Well location, 44-33-B FEDERAL MONUMENT BUTTE, located as shown in the SE 1/4 SE 1/4 of section 33, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 33, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

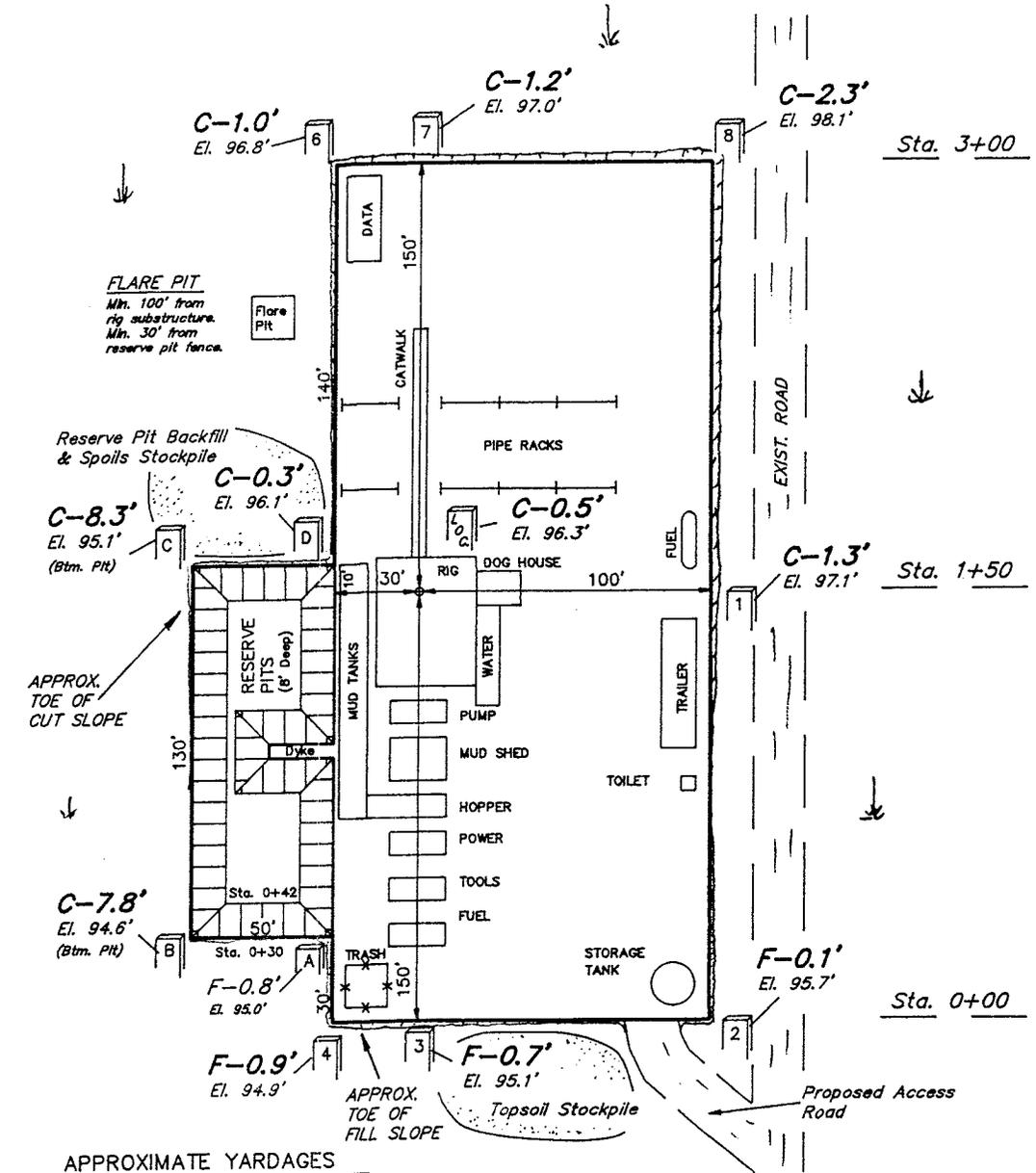
Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX 1758 - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2-6-90
PARTY D.A. J.T.K. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER COLD - CLEAR	FILE PG&E RESOURCES CO.

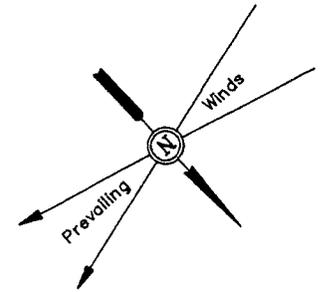
▲ = SECTION CORNERS LOCATED.

PG&E RESOURCES COMPANY
 LOCATION LAYOUT FOR
 44-33-B FEDERAL MONUMENT BUTTE
 SECTION 33, T8S, R16E, S.L.B.&M.

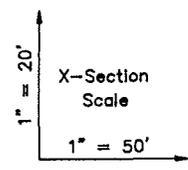


APPROXIMATE YARDAGES

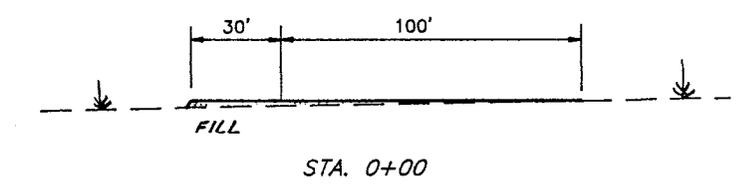
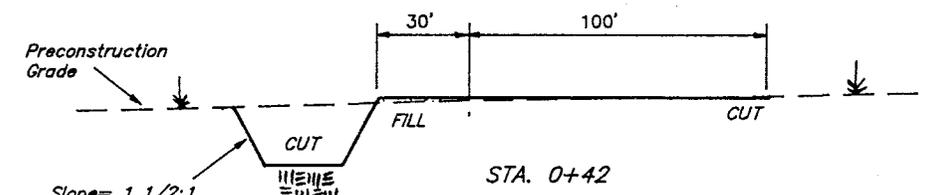
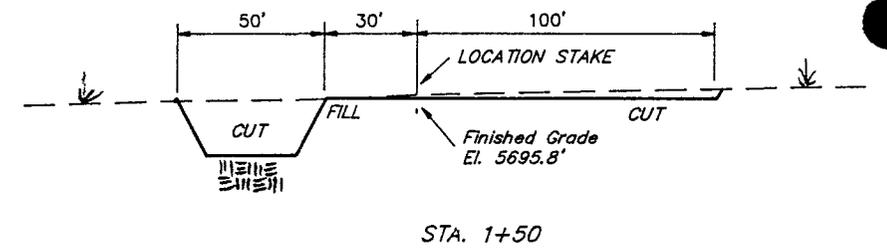
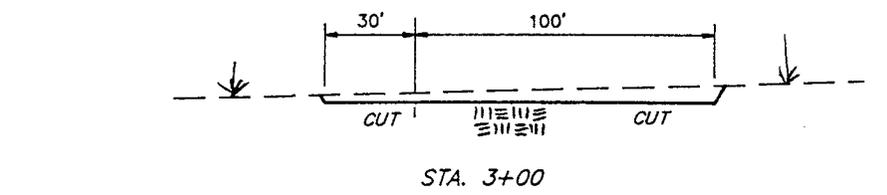
CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 843 Cu. Yds.	5% COMPACTION	= 1,937 Cu. Yds.
Pit Volume (Below Grade)	= 1,162 Cu. Yds.	Topsoil & Pit Backfill	= 1,424 Cu. Yds.
Remaining Location	= 374 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 2,379 CU.YDS.	EXCESS UNBALANCE	= 513 Cu. Yds.
FILL	= 420 CU.YDS.	(After Rehabilitation)	



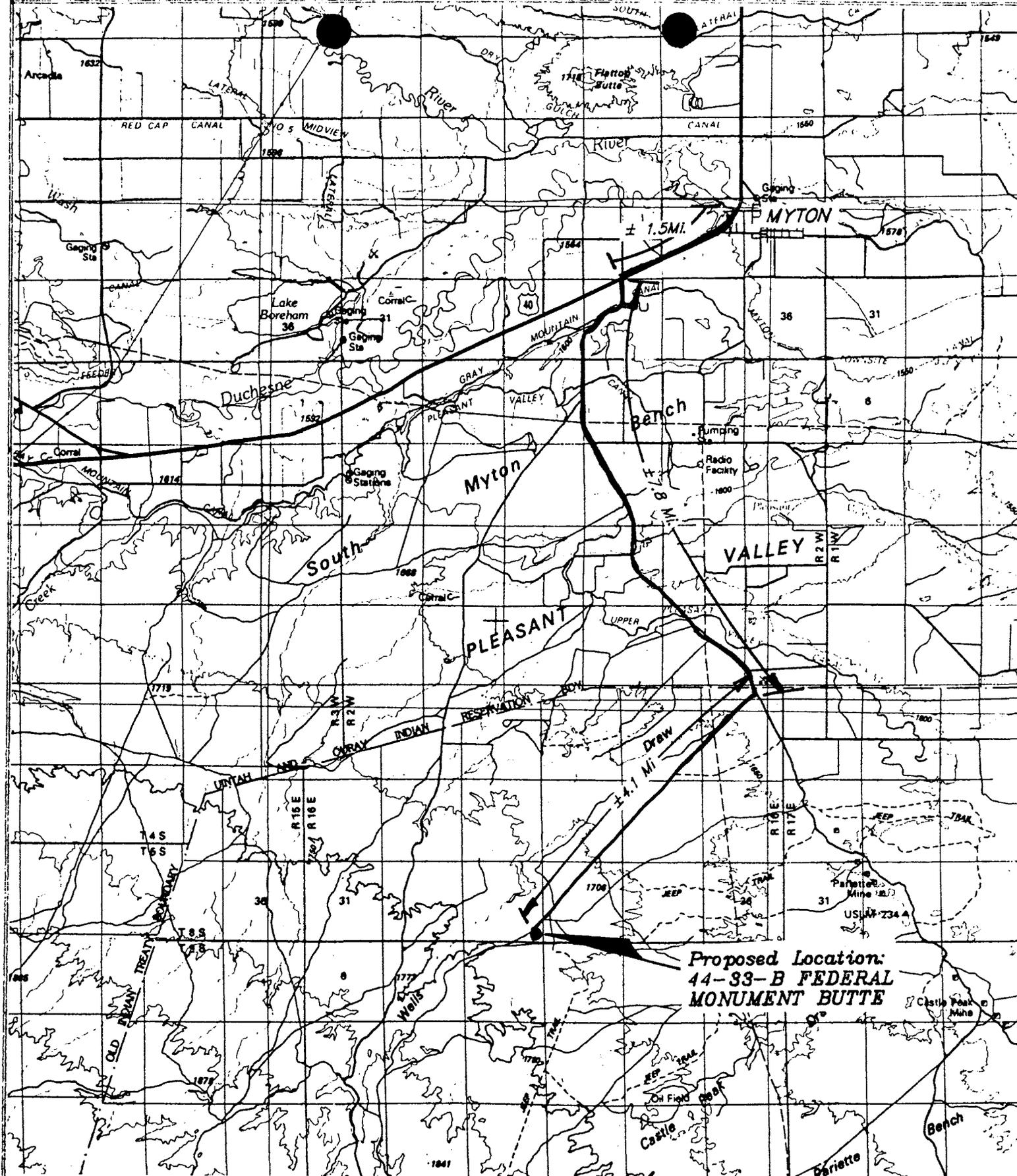
SCALE: 1" = 50'
 DATE: 2-21-90



TYP. LOCATION LAYOUT
 TYP. CROSS SECTIONS



Elev. Ungraded Ground at Location Stake = 5696.3'
 Elev. Graded Ground at Location Stake = 5695.8'



**Proposed Location:
44-33-B FEDERAL
MONUMENT BUTTE**

TOPOGRAPHIC
MAP "A"

2-7-90



PG&E RESOURCES COMPANY

44-33-B FEDERAL MONUMENT BUTTE
SECTION 33, T8S, R16E, S.L.B.&M.

March 21, 1990

RECEIVED
MAR 26 1990

DIVISION OF
OIL, GAS & MINING



State of Utah
Division of Oil, Gas & Mining
3 Triad Center
Suite 350
Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill
44-33-B Federal
SE/SE, Sec. 33-T8S-R16E
Lease #U-49092
Duchesne Co., Utah

Dear Sir,

Attached are two copies of the Application for Permit to Drill for the subject well. Please let me know if additional information is required.

Sincerely,

Mike McMican

Michael L. McMican
Petroleum Engineer

MLM/bb
Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

B. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 PG&E Resources Company

3. ADDRESS OF OPERATOR
 5950 Berkshire Lane, Suite 600, Dallas, Texas 75225

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 660' FEL, 666' FSL SE/SE
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 DIVISION OF OIL, GAS & MINING

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 16. NO. OF ACRES IN LEASE 320
 17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH Green River 6,400'
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,696' GR

22. APPROX. DATE WORK WILL START*
 April, 1990

5. LEASE DESIGNATION AND SERIAL NO.
 U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 44-33-B

10. FIELD AND POOL, OR WILDCAT
 Monument Butte (105)

11. SEC., T., R., M., OR BLEK. AND SURVEY OR AREA
 Sec. 33-T8S-R16E

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

RECEIVED
 MAR 26 1990

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	To surface
7 7/8"	5 1/2"	15.5#	TD	As required

- Attachments:
- Drilling Program
 - Surface Use Plan
 - Survey Plat
 - Cut & Fill Diagram
 - Topo Maps
 - Well Location Map
 - Choke Manifold Diagram
 - Blowout Preventer Diagram

Original & 2 copies: BLM - Vernal District; 2 copies Div. Oil, Gas & Mining - Salt Lake City

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Michael L. McMican TITLE Petroleum Engineer DATE 3/20/90

(This space for Federal or State office use)

PERMIT NO. 43-013-31270 APPROVAL DATE 3-30-90

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 3-30-90
 BY: [Signature]
 WELL SPACING: RA15-3-2

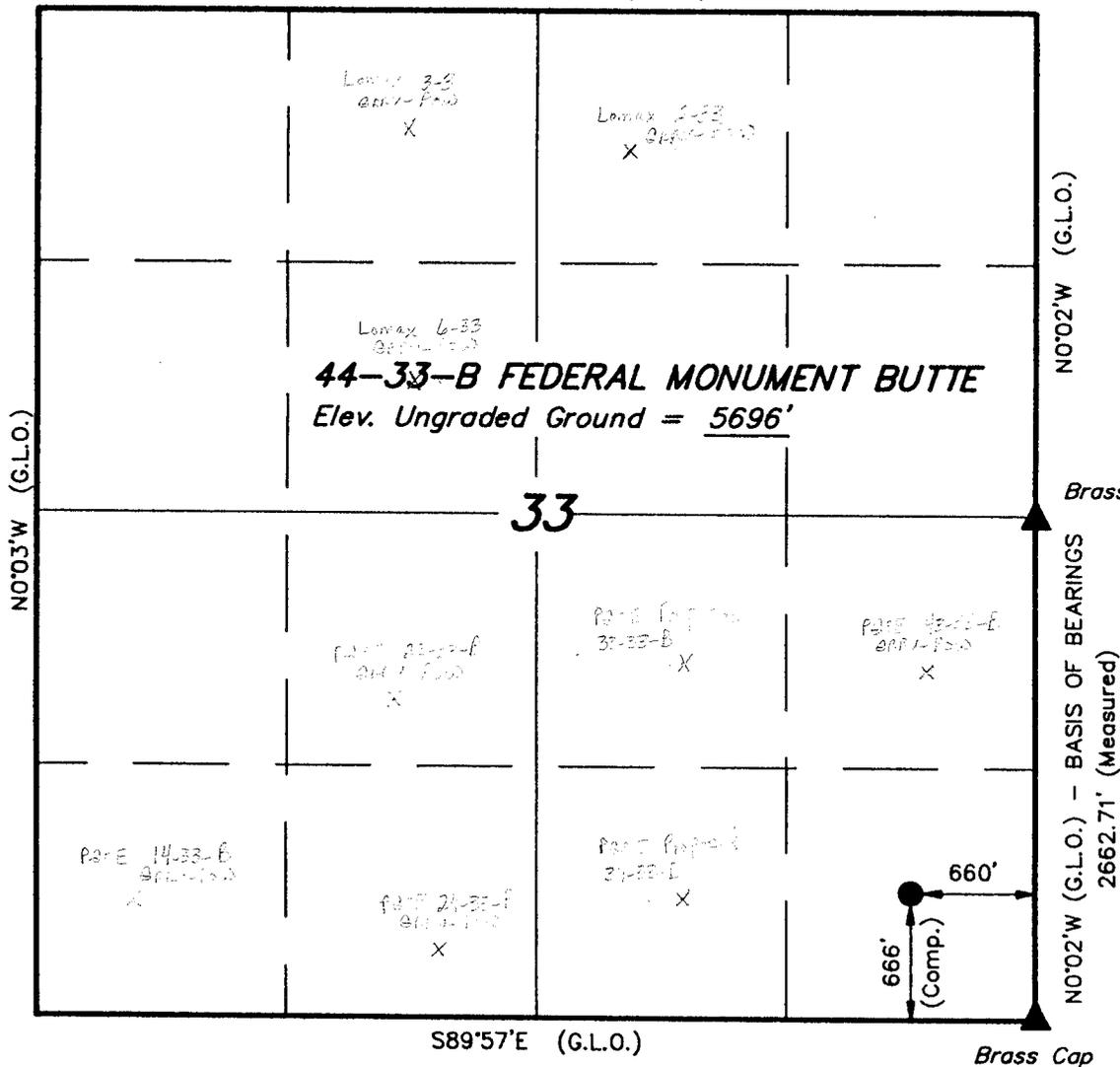
*See Instructions On Reverse Side

T8S, R16E, S.L.B.&M.

PG&E RESOURCES COMPANY

Well location, 44-33-B FEDERAL MONUMENT BUTTE BUTTE, located as shown in the SE 1/4 SE 1/4 of section 33, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

S89°58'W 79.96 chs (G.L.O.)



BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 33, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P. O. BOX 1758 - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2-6-90
PARTY D.A. J.T.K. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER	FILE

▲ = SECTION CORNERS LOCATED.

DRILLING PROGRAM

Company: PG&E Resources Company
5950 Berkshire Ln Ste 600
Dallas, Texas 75225
214-750-3800

Well: 44-33-B Federal
Sec.33-T8S-R16E
Duchesne Co., Utah
Lease No. U-49092

Operations will comply with applicable laws, regulations, and the approved APD. Provisions of Onshore Order No. 2 will be strictly adhered to. PG&E is responsible for the actions of contractors in its hire. A copy of the approved APD will be with field representatives to insure compliance.

1. Surface Formation and Estimated Formation Tops

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uintah	Surface	+5696' GR
Green River	1787'	+3924'
Douglas Creek Mrkr	4936'	+775'
TD	6400'	-689'

2. Estimated Depths of Oil, Gas, Water, or Mineral Bearing Zones

<u>Expected Zones</u>	<u>Formation</u>	<u>Interval</u>
Oil zones	Green River	4200'-6200'
Gas zones	None	
Water zones	None	
Mineral zones	Oil Shale	Top @ 1787'

3. Pressure Control Equipment

2000# WP BOPE installed, used, maintained & tested prior to drilling out surface csg til well completed/abandoned. BOPE suitable for subfreezing conditions if exist. Pressure tests before drilling out csg strings.

BOPE consisting of: annular preventer, double ram w/ blind and pipe rams, kill line 2" min, 1 ck line vlv, 2" ck line, 1 kill line vlv, 2 cks, gauge on ck manifold, upper kelly cock vlv with handle, safety vlv and subs to fit all drill strings, fillup line above top preventer. Ck lines straight unless using tee blocks or targeted w/ running tees and anchored to prevent whip and reduce vibration. Ck manifold functionally equivalent to diagram. All vlvs (except cks) in kill line, ck manifold, ck line full opening for straight through flow. Gauges types for drilling fluids.

Accumulator sufficient capacity to open hydraulic ck line vlv if equipped, close rams & annular preventer, retain a min of 200 psi over precharge on closing manifold w/o use of closing unit pumps. Fluid reservoir capacity double accumulator capacity w/ level maintained to specs. Accumulator precharge test conducted prior to connecting closing unit to BOP stack & every 6 months min. Accumulator pressure corrected if precharge above or below max or min limits (nitrogen gas precharge).

Power for closing unit pumps available all times so pumps auto start when manifold pressure decreases to preset level. BOP closing units w/ no. and sizes of pumps so w/ accumulator system isolated pumps can open hydraulic gate vlv if equipped, close annular preventer on smallest drill pipe in 2 minutes and obtain min 200 psi over precharge.

Hand wheels or auto locking device installed. A vlv installed in closing line close to annular preventer f/ locking device. Vlv will be open, closed only when power source inoperative.

Pressure tests w/ wtr, or clear liquid for subfreezing w/ vis similar to wtr. Rams tested to WP if isolated by test plug, 70% csg burst if not isolated. Pressure maintained 10 minutes or requirements are met. If test plug used, no bleed-off acceptable. W/o test plug, decline in pressure >10% in 30 min considered failure. Vlv on csg head below test plug open during testing. Annular preventers tested 50% WP. Pressure maintained 10 min or requirements of test met. Test at installation, seal subject to test pressure broken, following repairs, and 30-day intervals. Valves tested f/ WP side w/ down stream vlvs open. When testing kill line vlvs check vlv held open or ball removed. Annular preventers operated weekly. Rams activated each trip not > daily. BOPE drills conducted weekly each crew. Tests/drills recorded in log.

Notice will be given with sufficient lead time for the BLM to be on location during BOPE pressure testing.

4. Casing and Cementing Program

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/Ft</u>	<u>Grade</u>	<u>Threads</u>	<u>New/Used</u>	<u>Depth</u>
12-1/4"	8-5/8"	24#	K55	ST&C	New	300'
7-7/8"	5-1/2"	15.5#	K55	LT&C	New	TD

8-5/8" surface csg cmtd to surface by primary or remedial cmtg. Surface csg will have centralizers every 4th jt f/ shoe jt to bottom of cellar. Top plug & bottom plug or preflush fluid will be used.

Csg strings will be pressure tested to 0.22 psi/ft of string length or 1500 psi, whichever greater, but not >70% of burst. If pressure drop >10% in 30 min, corrective action will be taken.

Notice will be given with sufficient lead time for the BLM to be on location when running casing strings and cementing.

5. Drilling Mud Program

<u>Interval</u>	<u>Mud Weight lbs/gal</u>	<u>Viscosity sec/qt</u>	<u>Fluid Loss ml/30 min</u>	<u>Mud Type</u>
0-300'	---	---	---	air
300'-TD	8.4	27	no control	water

Visual mud monitoring will be used to detect volume changes indicating loss/gain of mud volume. A mud test will be performed every 24 hrs.

Testing, Coring, Logging and Sampling

- a. Testing: None
- b. Coring: None
- d. Logging: Two man mudlogging unit 3500' - TD
DLL/MSFL/SP/GR 2" & 5" TD - surface casing
CDL/DSN/GR/CAL 2" & 5" TD - surface casing
- c. Sampling: 10' intervals 3500' - TD

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards

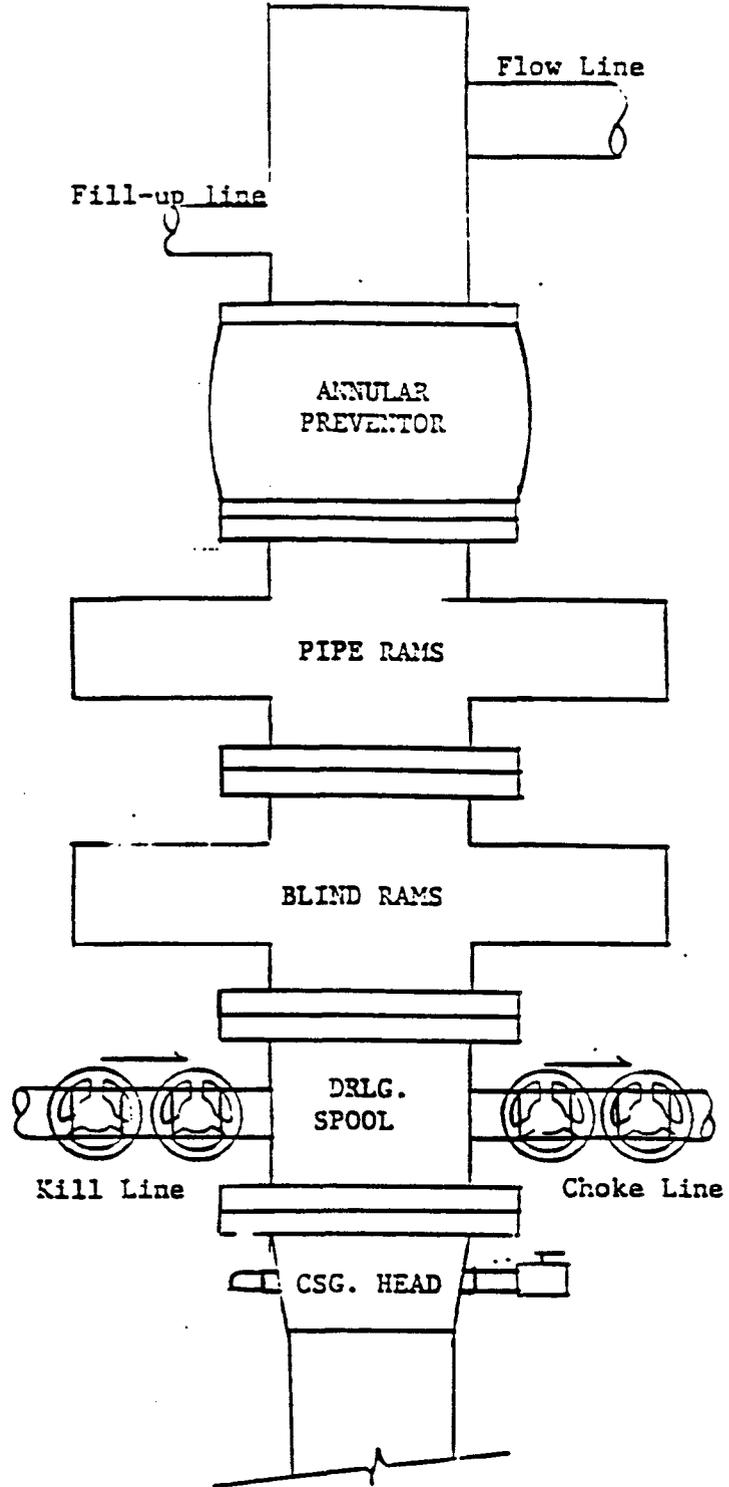
Normal pressures and temperatures are expected. No hazardous gases are expected. Anticipated pore pressure is 2475 psi with a frac gradient of about 0.75. Expected mud hydrostatic pressure is 2850 psi.

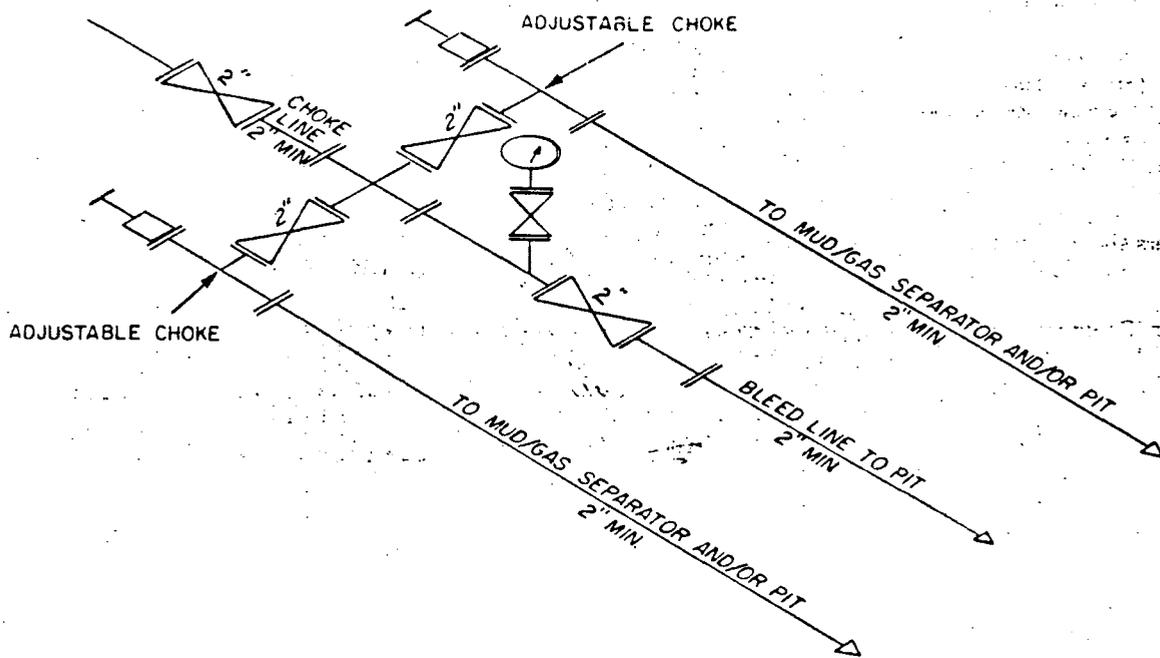
8. Anticipated Starting Dates and Duration of Operations

Location construction is scheduled for April, 1990 with drilling begun promptly afterward. Drilling should take about 7-9 days. Completion operations will begin shortly thereafter and should last about two weeks. Production equipment installation and hookup will follow completion and the well should be on production within 90 days of spud.

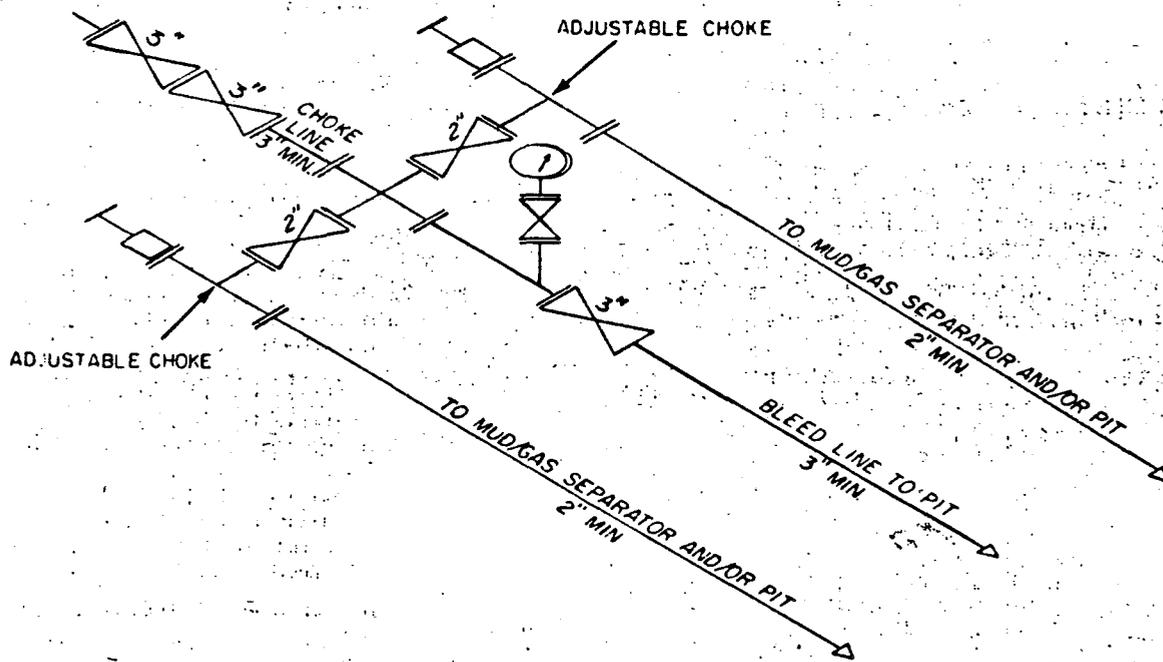
PG&E Resources Company

Blowout Preventer Diagram





2M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY



3M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION MAY VARY

Surface Use Plan

Company: PG&E Resources Company
5950 Berkshire Ln Ste 600
Dallas, Texas 75225
214-750-3800

Well: 44-33-B Federal
Sec.33-T8S-R16E
Duchesne Co., Utah
Lease No. U-49092

The BLM will be notified 24-48 hrs in advance so that site construction may be monitored. Notification will be given to Ralph Brown or Tim O'Brien in Hernal, Utah at 801-789-1362.

1. Existing Roads

To reach the 44-33-B Federal travel SW from Myton, Utah on Hwy 40 1.5 miles then south on Pleasant Valley Road 7.8 miles to the BLM cattleguard then right 4.1 miles then right 10 feet to location (map attached).

2. Planned Access Road

The access road will be constructed as follows (map attached):

- A. Length: 10 feet.
- B. Width: 30 foot right-of-way, 18 foot travelway.
- C. Maximum grade: 1 %.
- D. Turnouts: None.
- E. Drainage design: None.
- F. Culverts, bridges, major cuts/fills: None.
- G. Surfacing materials and source: Native-location & access road.
- H. Gates, cattleguards, fence cuts: None.
- I. Access road surface ownership: BLM.

3. Location of Existing Wells - See attached map.

4. Location of Tanks and Production Equipment

Prior to installation of production facilities, facility plans will be approved by Sundry. Facilities will be on the cut portion of location. All above ground permanent structures remaining more than 6 months will be painted Desert Tan (10YR6/3) within 6 months of installation except for facilities complying with OSHA regulations.

The tank battery will be surrounded by a dike sufficient to contain at least the contents of the largest tank in the battery. The tank battery will be on the east side of the location.

5. Location and Type of Water Supply

Water to be used for drilling this well will be hauled by truck from Pleasant Valley. If this source is not used, arrangements will be made with proper authorization for an alternate source. PG&E will be responsible for acquiring the necessary water permit.

6. Source of Construction Material

All construction materials for the location and access road will be borrow materials accumulated during construction of the well site. If fill materials are needed, permits will be obtained from the BLM or materials acquired from a commercial source.

7. Methods of Handling Waste Disposal

Sewage disposal will be comply with State and Local regs. Trash will be contained in a trash cage and emptied in an approved landfill at end of drilling activities. Burning will not be allowed.

A reserve pit will be constructed as shown on the pad diagram and may be lined, as determined by PG&E or the BLM at construction, with a nylon reinforced liner (min 10 mil) and bedded with straw to avoid puncture. The liner will be torn and perforated before backfilling. The bottom of the reserve pit will not be in fill material.

Produced waste water will be confined to the reserve pit not more than 90 days after first production. During this period an application for a permanent disposal method and location, along with a water analysis if required, will be submitted for approval.

8. Ancillary Facilities - Camp facilities or airstrips will not be required.

9. Well Site Layout

The reserve pit will not be allowed to drain or leak or be on a natural drainage. Waste or discharge will not be allowed in any drainage. Any hydrocarbons on the pit will be removed as soon as possible after drilling and liquids allowed to evaporate before backfilling.

The reserve pit will be on the SE side, stockpiled topsoil on the NE side between pts 2 & 3, access from the NE near pt 2.

The reserve pit will be fenced on three sides during drilling and fourth side fenced when the rig moves off. All pits fenced as follows: 39" net wire <2" above ground w/ 1 strand barbed wire 3" above top of net wire, total fence height 42" or more, corner posts cemented or braced to keep fence tight, standard steel posts between corner braces no more than 16' apart, all wire stretched before attached to corner posts.

10. Plans for Restoration of the Surface

Immediately after drilling, the area will be cleared of debris, materials, trash, junk and equipment not required for production.

The reserve pit will be completely dry and trash removed before restoration takes place. The reserve pit and portion of the location not needed for production will be reclaimed. The reserve pit will be reclaimed within 90 days of well completion.

Disturbed areas will be recontoured to the approximate natural contours. Stockpiled topsoil will be distributed evenly over the disturbed areas. Prior to reseeding, all disturbed areas will be scarified to a rough surface. Seed will be broadcast or drilled between September 15 and when the ground freezes. If broadcast, an implement will be dragged over the seeded area to assure seed coverage and the seed mixture doubled. The seed mixture will be determined by the BLM in the APD or at the time of restoration. If seeding is unsuccessful, PG&E will make reseedings.

11. Surface Ownership

The surface for all roads and the well location is under the jurisdiction of the Department of the Interior, Bureau of Land Management.

12. Other Information

PG&E is responsible for informing all persons associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or collecting artifacts. If historic or archaeological materials are uncovered during construction, PG&E will immediately stop work that might further disturb such materials, and contact the BLM.

Use of pesticides, herbicides or other hazardous chemicals will be approved for use prior to application.

Flare pit will be located a minimum of 30' from the reserve pit fence and 100' from the wellbore on the downwind side of the location between points 6 & D. Fluids will be removed within 48 hrs of occurrence.

The BLM will be notified upon site completion before moving in the drilling rig.

Drilling rigs/equip will not be stacked on BLM lands w/o BLM approval.

13. Lessee or Operator Representative and Certification

Name: Michael L. McMican
Title: Petroleum Engineer
Address: PG&E Resources Company
5950 Berkshire Lane, Suite 600
Dallas, Texas 75225
Phone: 214-750-3800

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by PG&E Resources Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

3-20-90
Date

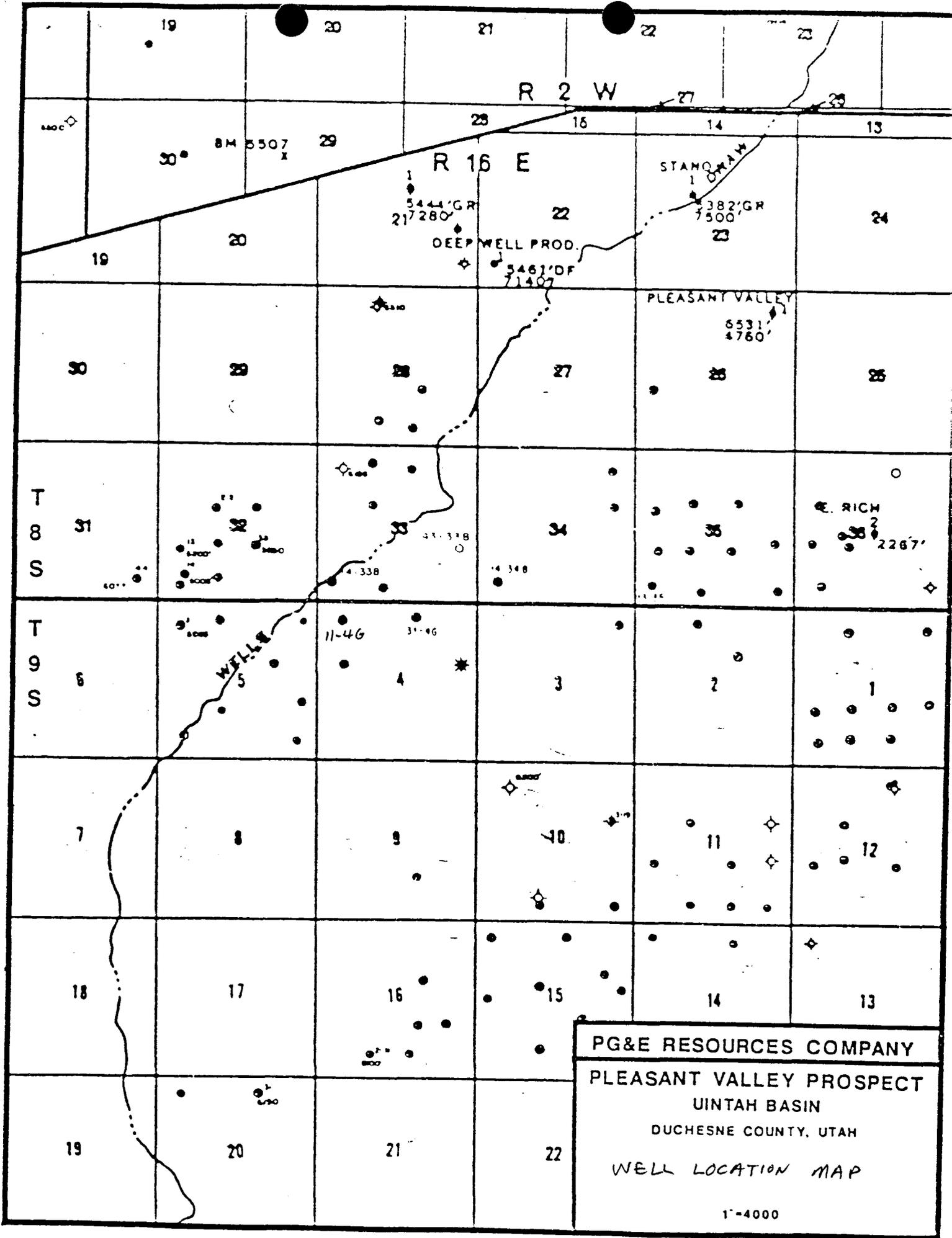
Mike McMican
Michael L. McMican
Petroleum Engineer

Onsite Date: 3-12-90
Participants on Joint Inspection:
C.M. Heddleson - PG&E
Ralph Brown - BLM

Self-certification Statement

Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not 100% record title holder. Operators are now required to submit this self-certification statement to the appropriate Bureau office.

Please be advised that PG&E Resources Company is considered to be the operator of well 44-33-B Federal located SE 1/4 SE 1/4 Sec. 33, T8S, R16E, lease #U-49092, in Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage provided by Pacific Indemnity, bond ID # 8101-04-97.



PG&E RESOURCES COMPANY

PLEASANT VALLEY PROSPECT

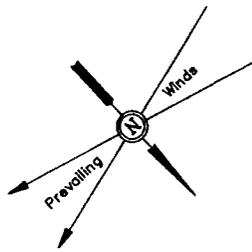
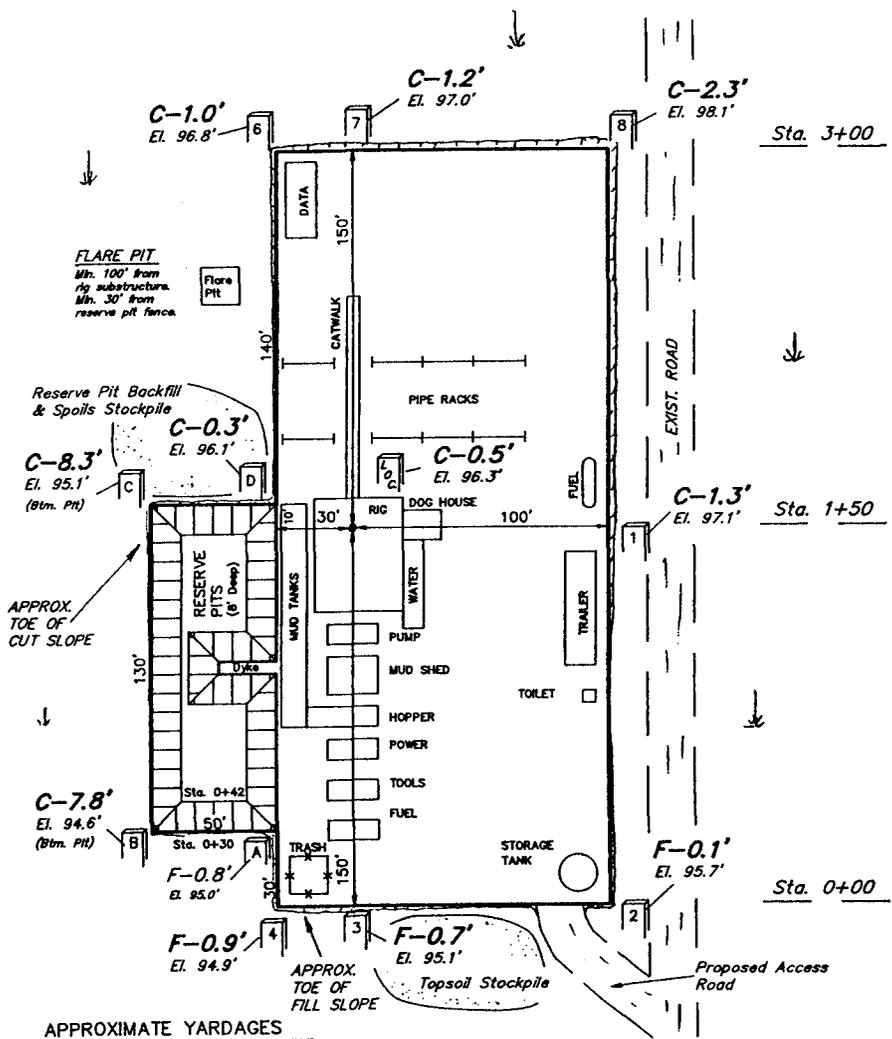
UINTAH BASIN

DUCHESNE COUNTY, UTAH

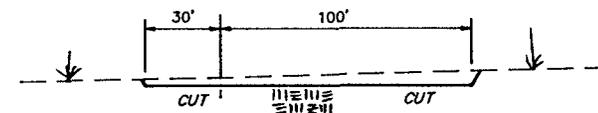
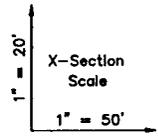
WELL LOCATION MAP

1"=4000

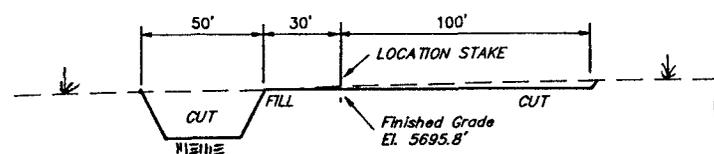
PG&E RESOURCES COMPANY
 LOCATION LAYOUT FOR
 44-33-B FEDERAL MONUMENT BUTTE
 SECTION 33, T8S, R16E, S.L.B.&M.



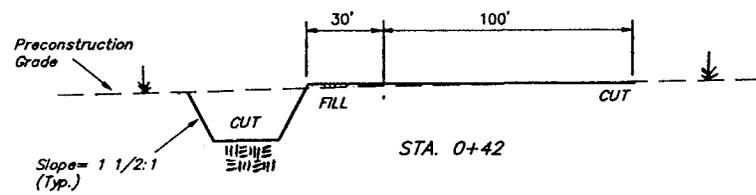
SCALE: 1" = 50'
 DATE: 2-21-90



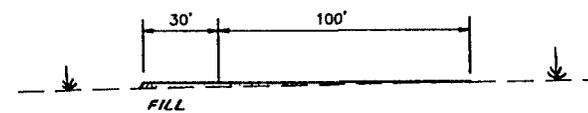
STA. 3+00



STA. 1+50



STA. 0+42



STA. 0+00

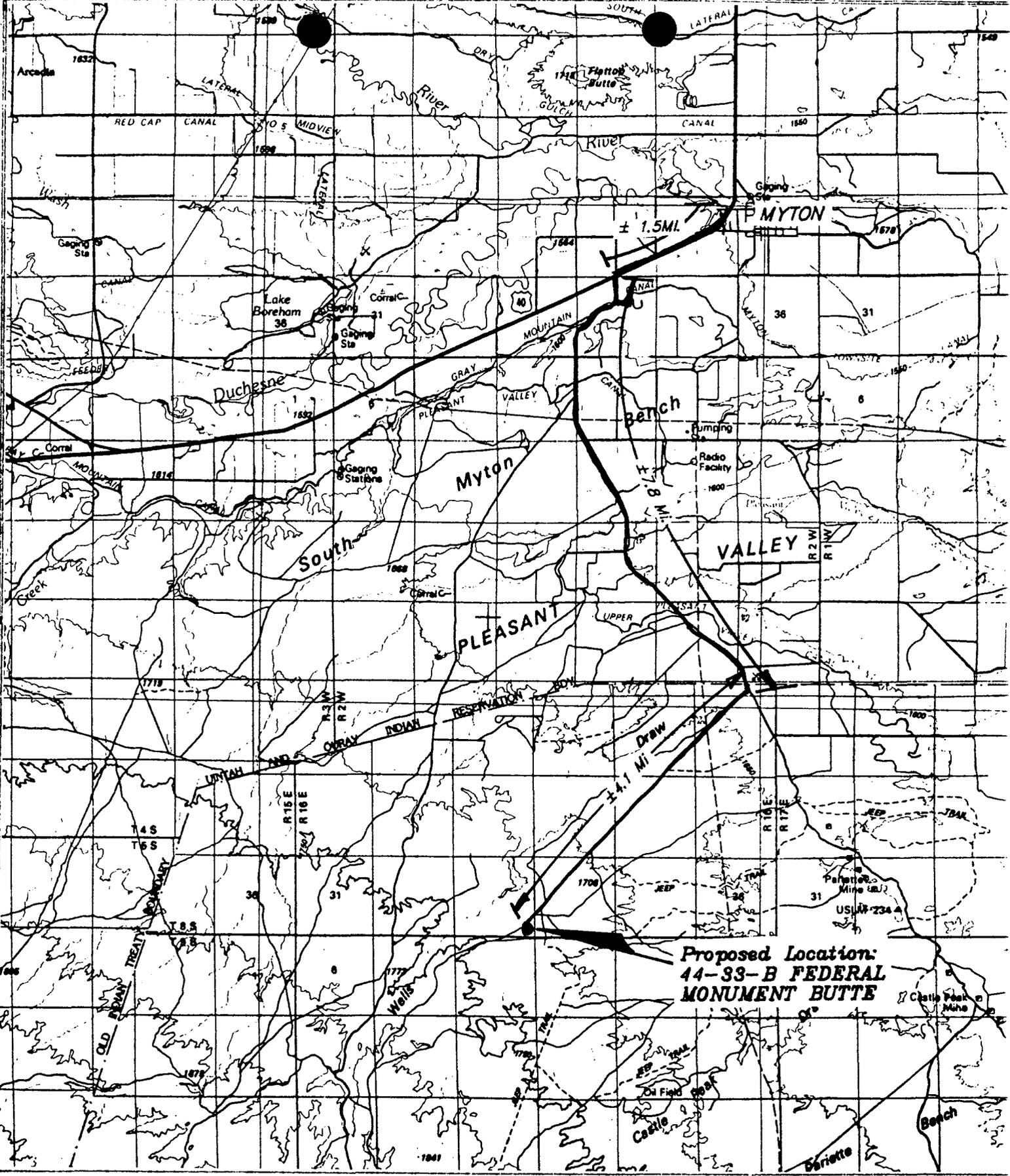
TYP. CROSS SECTIONS
 TYP. LOCATION LAYOUT

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 843 Cu. Yds.
Pit Volume (Below Grade)	= 1,162 Cu. Yds.
Remaining Location	= 374 Cu. Yds.
TOTAL CUT	= 2,379 CU.YDS.
FILL	= 420 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,937 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,424 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 513 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 5696.3'
 Elev. Graded Ground at Location Stake = 5695.8'



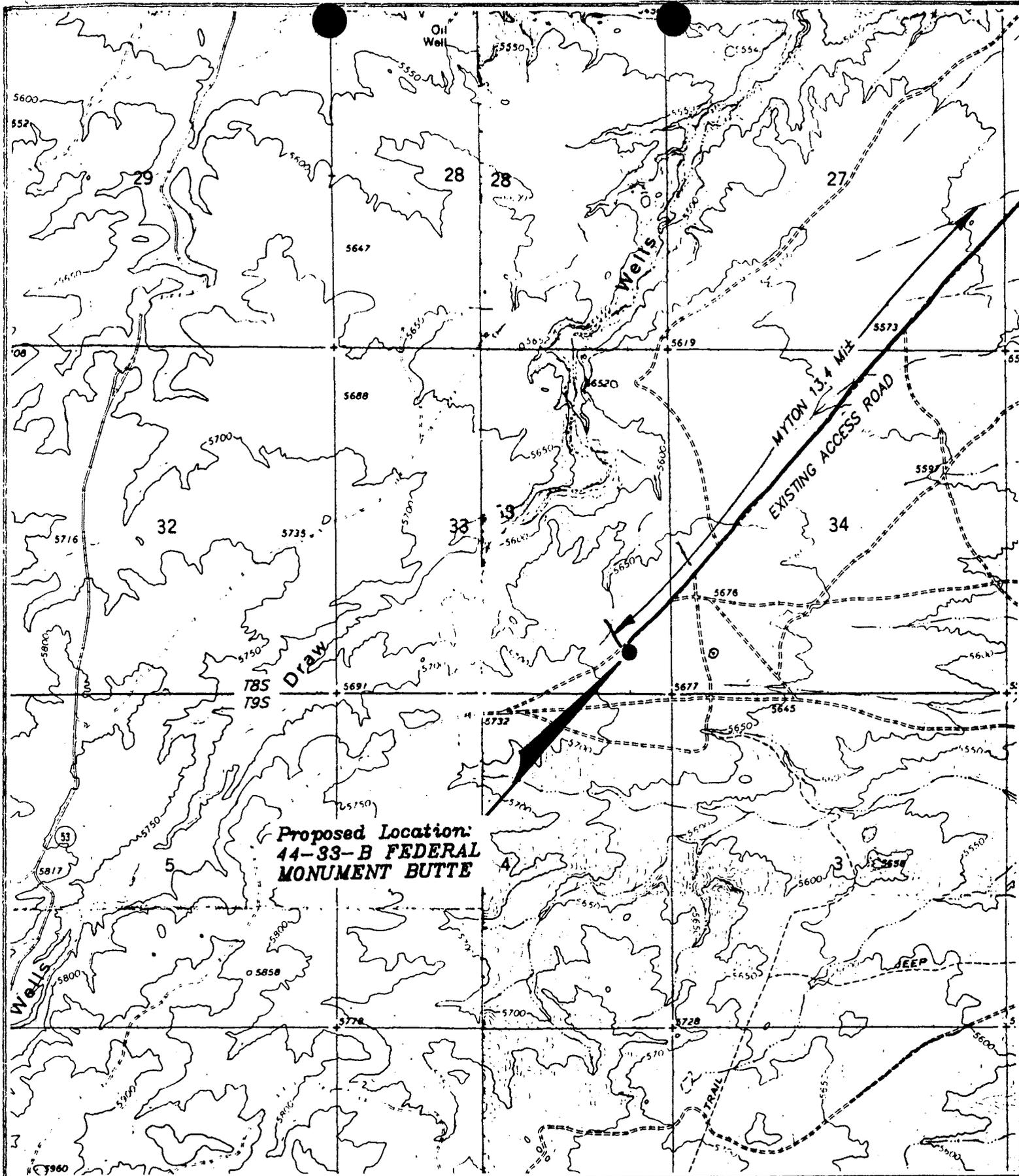
**Proposed Location:
44-33-B FEDERAL
MONUMENT BUTTE**

TOPOGRAPHIC
MAP "A"

2-7-90



PG&E RESOURCES COMPANY
44-33-B FEDERAL MONUMENT BUTTE
SECTION 33, T8S, R16E, S.L.B.&M.



**Proposed Location:
44-33-B FEDERAL
MONUMENT BUTTE**

**TOPOGRAPHIC
MAP "B"**

SCALE: 1" = 2000'
2-7-90



PG&E RESOURCES COMPANY

**44-33-B FEDERAL MONUMENT BUTTE
SECTION 33, T8S, R16E, S.L.B.&M.**

OPERATOR P&E Resources Company (No 595) DATE 3-28-90

WELL NAME Fed. 44-33-B

SEC SESE 33 T 85 R 16E COUNTY Duchesne

43-013-31270
API NUMBER

Federal (1)
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD
(5)

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920' (sec. 33 & 34, 95 16E sec. 3 & 4)

Need Water Permit

APPROVAL LETTER:

SPACING: R615-2-3 N/A
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Water Permit



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 30, 1990

PG&E Resources Company
5950 Berkshire Lane, Suite 600
Dallas, Texas 75225

Gentlemen:

Re: Fed. #44-33-B - SE SE Sec. 33, T. 8S, R. 16E - Duchesne County, Utah
666' FSL, 660' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

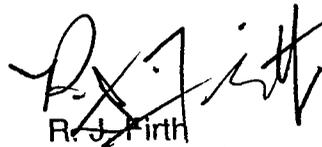
In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31270.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/12-13

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 PG&E Resources Company

3. ADDRESS OF OPERATOR
 5950 Berkshire Lane, Suite 600, Dallas, Texas 75225

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 660' FEL, 666' FSL SE/SE
 At proposed prod. zone: API # 43-013-31270

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE
 320

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 Green River 6,400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,696' GR

22. APPROX. DATE WORK WILL START*
 April, 1990

3. LEASE DESIGNATION AND SERIAL NO.
 11-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

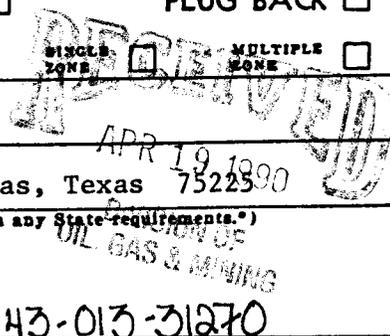
9. WELL NO.
 44-33-B

10. FIELD AND POOL, OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 33-T8S-R16E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	To surface
7 7/8"	5 1/2"	15.5#	TD	As required

- Attachments:
- Drilling Program
 - Surface Use Plan
 - Survey Plat
 - Cut & Fill Diagram
 - Topo Maps
 - Well Location Map
 - Choke Manifold Diagram
 - Blowout Preventer Diagram



Original & 2 copies: BLM - Vernal District; 2 copies Div. Oil, Gas & Mining - Salt Lake City

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Michael L. McMican TITLE Petroleum Engineer DATE 3/20/90
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE APR 16 1990
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
 *See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company P.G. & E. Resources Company Well No. 44-33-B

Location SE/SE Sec. 33 T8S R16E Lease No. U-49092

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

Usable water may be encountered from +120-270 ft. and +440-700 ft. in the Uinta Formation Saline water may be encountered from +1810-2010 ft. in the Uinta Formation and from +2850-2930 ft., +4150-4380 ft., +4700-4810 ft., +5010-5050 ft., and +5190-5410 ft. in the Green

River formation. The Mahogany oil shale and L1 oil shale have been identified from +3090-3195 ft. and +3360-3430 ft. respectively. Therefore, as a minimum, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing at least 200 ft. above the oil shale. Also, if usable and saline water are encountered further uphole, the usable water will be isolated and/or protected via the cementing program.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer (AO).

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form

3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Orders, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

FAX Phone Number is: 789-3634

Revised October 1, 1985

Date NOS Received 2/26/90

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

Company/Operator P.G. & E.

Well Name & Number 44-33B

Lease Number U-49092

Location SE 1/4 SE 1/4 Sec. 33 T. 8S R. 16E

Surface Ownership Federal

Surface Stipulation for BLM, Land:

The operator or his contractor shall contact the BLM and BIA Offices at (801) 789-1362 (BLM) and (801) 722-2406 (BIA) between 24 and 48 hours prior to construction activities. Contact Ralph Brown or Tim O'Brien.

DIVISION OF OIL, GAS AND MINING

API NO. 43-013-31270

SPUDDING INFORMATION

NAME OF COMPANY: P G & E RESOURCES

WELL NAME: 44-33B

SECTION SESE 33 TOWNSHIP 8S RANGE 16E COUNTY Duchesne

DRILLING CONTRACTOR LEON ROSS

RIG # _____

SPUDED: DATE 4/25/90

TIME 5:00 p.m.

HOW DRY HOLE

DRILLING WILL COMMENCE approx. 5/7/90 - Exeter #7

REPORTED BY Carla Hanberg

TELEPHONE # 789-4573

DATE 4/26/90 SIGNED TAS

ENTITY ACTION FORM - FORM 6

OPERATOR PG&E RESOURCES COMPANY
ADDRESS 85 South 200 East
Vernal, UT 84078

OPERATOR ACCT. NO. N0595

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11084	4301331270	Fed. #44-33-B	SESE	33	8S	16E	Duchesne	4/25/90	4/25/90
WELL 1 COMMENTS: Federal-Lease Field-Monument Butte Unit-N/A Proposed zone - GPRV (New entity 11084 added 5-2-90) for											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES** (See instructions on back of form)
- 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)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED
APR 30 1990

DIVISION OF
OIL, GAS & MINING

Connie Mobley
Signature
Production Clerk
Title
Date

Phone No. (801) 789-4573 4/26/90

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

- 5. Lease Designation and Serial No.
U-49092
- 6. If Indian, Allottee or Tribe Name
- 7. If Unit or CA, Agreement Designation
- 8. Well Name and No.
44-33-B
- 9. API Well No.
43-013-31270
- 10. Field and Pool, or Exploratory Area
Monument Butte
- 11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

OIL AND GAS
DIVISION
FILE

1-TAS
2. MICROFILM
3. FILE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 PG&E Resources Company

3. Address and Telephone No.
 85 South 200 East, Vernal, UT 84078 801-789-4575

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Report of Spud Date
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well was spud at 5 p.m. April 25, 1990 by Leon Ross Drilling. Approximately 300' of 8-5/8" 24# K-55 casing will be set and cemented. Exeter Rig 7 is expected to move on location approximately May 7, 1990.

Spud date was reported verbally to the Vernal District BLM office and Div. of Oil, Gas & Mining April 26, 1990.

RECEIVED
APR 30 1990

DIVISION OF
OIL, GAS & MINING

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files; CMobley

14. I hereby certify that the foregoing is true and correct

Signed C.M. Heddleson Title Production Supt. Date 4/26/90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
MAY 09 1990

May 7, 1990

DIVISION OF
OIL, GAS & MINING



Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Tammy Searing

Dear Tammy:

We request the following wells be placed in a confidential status:

Well #33-33-B Federal
NW/SE Sec. 33, T8S, R16E - 43-013-31068
Duchesne County, UT

Well #34-33-B Federal
SW/SE Sec. 33, T8S, R16E 43-013-31069
Duchesne County, UT

Well #44-33-B Federal
SE/SE Sec. 33, T8S, R16E - 43-013-31070
Duchesne County, UT

Well #13-34-B Federal
NW/SW Sec. 34, T8S, R16E 43-013-31071
Duchesne County, UT

Well #21-4-G Federal
NE/NW Sec. 4, T9S, R16E 43-013-31072
Duchesne County, UT

Well #22-5-G Federal
SE/NW Sec. 5, T9S, R16E 43-013-31073
Duchesne County, UT

Thank you for your cooperation. If you have any questions, please call me.

Sincerely,

Karla Hanberg
Karla Hanberg

6. SIGNATURE OF APPLICANT(S):

The applicant(s) hereby acknowledge(s) that he/she/they are citizen(s) of the United States of America or intend(s) to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he, she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of information contained herein, at the time of filing, rests with the applicant(s).

DALBO INCORPORATED

Ken Rice

Signature of Applicant(s)

DALBO, INC. OIL AND WATER SERVICE P.O. BOX 1108 PHONE 789-0743 VERNAL, UTAH 84078		No. 020445	
		FIRST SECURITY BANK OF UTAH NATIONAL ASSOCIATION VERNAL, UTAH 97-54 / 1243	
PAY <u>Thirty and 00/100 ***</u>		DATE	AMOUNT
		4/27/90	\$ 30.00
TO THE ORDER OF	UTAH DIVISION OF WATER RIGHTS		DALBO, INC. <i>Clayd Young</i>

RECEIVED
MAY 07 1990

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

MAY 21 1990

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Weekly Status Report
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5/9/90: TD 455'. Trip. Drlg. Survey 1/4° @ 455'.
 5/10/90: TD 1885'. Drlg. Survey 1° @ 1000', 1° @ 1540'.
 5/11/90: TD 3182'. Drlg. Well blew in. SI well. Wt up w/brine water. Survey 1/4° @ 3240, 2745
 5/12/90: TD 3217'. Trip. Circ well w/100# brine. Wt up w/11# mud & kill well.
 5/13/90: TD 3540'. Drlg.
 5/14/90: TD 3540'. Drlg. Survey 1° @ 3676'.
 5/15/90: TD 4206'. Drlg. Trip for bit #4 & mud motor.
 5/16/90: TD 4546'. Drlg. Circ gas kick, raised mud wt. 9.6# to 9.8#. Survey 1/4° @ 4417'.

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

Arla Handberg

Title

Office Supervisor

Date

May 15, 1990

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

1-TAS

2

3

FILE

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

5. Lease Designation and Serial No.
U-49092

6. If Indian. Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Weekly Status Report
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 5/17/90: TD 4985'. Drlg. Survey 2° @ 4917'.
- 5/19/90: TD 5230'. Drlg. Survey 1½° @ 5158'.
- 5/20/90: TD 5425'. Drlg. Trip for bit #7/lay down mud motor & 2 DC's.
- 5/21/90: TD 5775'. Drlg.
- 5/22/90: TD 6080'. Drlg. Trip for hole in DP. Survey 1½° @ 5907'.
- 5/23/90: TD 6162'. Trip. Mix pill to kill well. Trip to 3200'. Increase mud wt. to 10.2#. Circ out gas. Trip for collars.

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

Harla Sanberg

Title

Office Supervisor

Date

May 23, 1990

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

OIL AND GAS	
JOB	GLH
DATE	SLS
1-TAS	
2- MICROFILM	
3- FILE	

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

Weekly Status Report

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5/24/90: Trp 6299', day 18, 137'/16 hrs, MW 10.0, Visc 39, WL 10.0, Trp for WO.

5/25/90: Logging 6377', day 19, 78'/10 hrs, MW 10.3, Visc 45, WL 10, TOH, running logs.

5/26/90: RD 6385', day 20. Run 154 jts 5 1/2" 17#, K-55 LTC - set @ 6387'. Cmtd 240 sx Hi-lift followed by 715 sx 10-0 RFC. Rig released @ 9 a.m. 5/26/90.

WAIT ON COMPLETION

OIL AND GAS

DRN	RJF
JTB	GLH
DPS	SLS

1-DME

MICROFILM

2- FILE

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed Karla Tanker Title Office Supervisor

Date June 5, 1990

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001. makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection

Weekly Status Report

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 06/20/90: MIRU. Set & fill frac tanks; NU BOP's.
 - 06/21/90: Trip in w/tbg, bit & scraper to bottom @ 6279. Displace 2/2% KCL, Cla-Sta & Biocide, TOH.
 - 06/22/90: Ran Schlumberger CBL, GR & VDL from PBTD 6279 to 2000. TOC 2650, tst csg to 3500 psi, held ok. Perf 5864-73, 4 SPF, 90°, 37 holes. Break down perfs @ 2800 psi. Inject 3 1/2 BPM @ 2000 psi. Set RBP @ 5970 & POOH.
 - 06/23/90: Frac F zone w/Western as designed. Perfs 5864-73, 45% pad, ramp 20/40 sand 1-6 ppg, ramp 16/30 sand 6-7 ppg. Avg. 32 BPM @ 2300 psi. Totals 28,240# 20/40, 37,250# 16/20, 771 BW.
 - 06/24/90: SICP 700 psi. Flow back. Rec'd 70 BW in 1 1/2 hrs. Trp in w/ret. tool, clean sand from 5880 to RBP @ 5970. Reset RBP @ 5820, tst to 3500 psi, ok, POOH. Perf 5702-5724, 4 SPF w/4" csg guns, 89 holes breakdown w/3500 psi. Inject 3 BPM @ 2300 psi.
 - 06/25/90: Frac E1 interval @ 5702-24. Avg 35 BPM @ 2850#, max press 3500#. Used 37,410# 20/40 and 49,315# 16/30 sand. Have 983 bbls. to recover.
 - 06/26/90: Flow back. PU ret. head & RIH w/2-7/8" tbg, tagged sand @ 5810. Circ sand out to top of RBP @ 5820. Reset RBP @ 5510 & test to 3500#, ok. POOH w/tbg & ret tool. Perf 5411-21, 4 SPF 90°, 41 holes. Brkdn perfs. Broke @ 2800#, avg 3.5 BPM @ 2200#.
- Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed Carla Hanberg

Title Office Supervisor

Date June 28, 1990

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
JUL 09 1990

DIVISION OF
OIL, GAS & MINING

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-49092
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 85 South 200 East, Vernal, UT 84078 801-789-4573	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL	8. Well Name and No. 44-33-B
	9. API Well No. 43-013-31270
	10. Field and Pool, or Exploratory Area Monument Butte
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Weekly Status Report
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7/05/90: TIH w/ret tool, tagged sand @ 4837. Circ to RBP @ 5130. Released & TOH w/RBP TIH notched collar, 1 jt. 2-7/8", 6.5, J-55, EUE, SN, 30 jts 2-7/8", 6.5, J-55 anchor. Cleaned out sand to 6279'. Land tubing anchor @ 4932, SN 5879, notched collar 5912.

7/06/90: SITP 200 psi. Run BHP, nine 1 1/2" sinker bars, 130 3/4", 94 7/8", 2 4-7/8" pony rods, 1 1/2" polish rod.

Wait on hookup.

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed <u>Karla Stanberg</u>	Title <u>Office Supervisor</u>	Date <u>July 6, 1990</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED
JUL 27 1990

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 PG&E Resources Company

3. Address and Telephone No.
 85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

5. Lease Designation and Serial No.
 U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 44-33-B

9. API Well No.
 43-013-31270

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Initial Production

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the subject well was put on production at 5 p.m. July 24, 1990.
 Estimated production for 15 hrs. was 50 bbls. oil, 0 water.

Future reports will be on MMS Form 3160 "Monthly Report of Operations"

OIL AND GAS	
DFN	RJF
JFB	GLH
DIS	SLS
1-DNE	
MICROFILM	
2-	FILE

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files; LMoon

14. I hereby certify that the foregoing is true and correct

Signed Carla Handberg Title Office Supervisor Date 7/25/90

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENVR. Other AUG 05 1990

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE/SE 660' FEL, 666' FSL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-49092

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
44-33-B

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/SE Sec. 33, T8S, R16E

CONFIDENTIAL

14. PERMIT NO. 43-013-31270 DATE ISSUED 3/30/90

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 4/25/90 16. DATE T.D. REACHED 5/25/90 17. DATE COMPL. (Ready to prod.) 7/24/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5696' GR 19. ELEV. CASINGHEAD 5696'

20. TOTAL DEPTH, MD & TVD 6385' 21. PLUG, BACK T.D., MD & TVD 6279' PBTD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-6385' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River
4960-65', 4983-86', 5024-36', 5272-94', 5411-21', 5702-24', 5864-73'

25. WAS DIRECTIONAL SURVEY MADE None

26. TYPE ELECTRIC AND OTHER LOGS RUN GR, CNL, FDC, DIL, CBL w/VDL 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	30' GL	16 1/2"	4 cu/yd sand/cmt grout	None
8-5/8"	24#	300' KB	12 1/4"	225 sx "G" w/2% CaCl & 1/4#sx cello	None
5-1/2"	17#	6385' KB	7-7/8"	240 sx Hi-Lift, 715 sx 10-0 RFC	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

4960-5036'	(20')	45"	80 holes
5272-5294'	(22')	45"	88 holes
5411-5421'	(10')	45"	40 holes
5702-5724'	(22')	45"	88 holes
5864-5873'	(9')	45"	36 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5864-73: 28,240#	20/40 & 37,250# 16/30 sand
5702-24: 37,410#	20/40 & 49,315# 16/30 sand
5411-21: 26,250#	20/40 & 34,620# 16/30 sand
5272-94: 37,410#	20/40 & 49,315# 16/30 sand

33.* 4960-5030: 48,570# 20/40 & 63,885# 16/30 sand

DATE FIRST PRODUCTION 7/25/90 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - Insert rod pump 2 1/2" x 1-3/4" x 16' RHAC WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/25/90	15			50	0	60	

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
NA	700#		80	0	96	32

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold and/or vented TEST WITNESSED BY D. Smuin

35. LIST OF ATTACHMENTS

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

SIGNED R. D. Miller TITLE Production Foreman DATE 8/1/90

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			<div data-bbox="665 840 958 1281" style="border: 1px solid black; padding: 5px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">OIL AND GAS</p> <p>DJN ✓</p> <p>GH ✓</p> <p>SLS</p> <p style="text-align: center;">2. DNE</p> <p style="text-align: center;">MICROFILM</p> <p style="text-align: right;">3- FILE</p> </div>

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
	Green River Douglas Creek Basal Limestone	1777' 4931' 6264'	

CONFIDENTIAL

Form 3160-5
(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 09 1990

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

44-33-B Federal

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE Section 33, T8S, R16E - 660' FEL, 666' FSL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection

Site Security

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is a Site Security Diagram for the subject well.

OIL AND GAS	
DFN	RJE
JFB	GUH
DIS	SLS
<i>[Signature]</i>	
MICROFILM	
2-	FILE

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed *[Signature]*

Title Production Supt.

Date 8/7/90

(This space for Federal or State office use)

Approved by

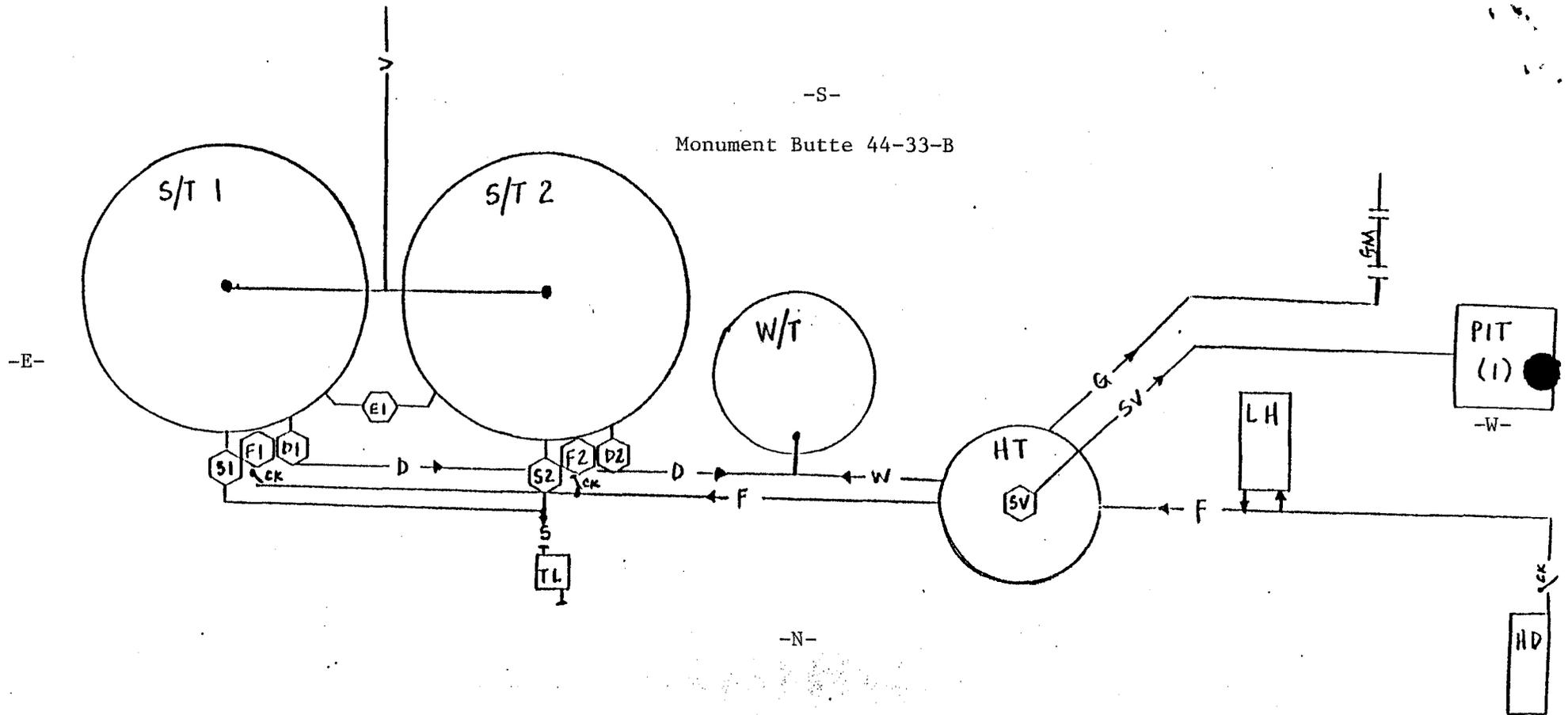
Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



PG&E Resources Company
 Lease #U-49092
 SE/SE Section 33, T8S, R16E
 Duchesne County, Utah

This well is subject to the Site Security Plan for the northeast Utah operations. The plan is located at PG&E Resources Company, 85 South 200 East, Vernal, UT 84078.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

NOV 08 1990

DIVISION OF
OIL, GAS & MINING

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FEL, 666' FSL SE/SE
Section 33, T8S, R16E

8. Well Name and No.

44-33-B Federal

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other

NTL-2B

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating Disposal Well or the Dave Murray Disposal Pond.

Operator also proposes construction of an emergency pit to be 10' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 48 hrs.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 11-9-90

By: [Signature]

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Production Superintendent

Date

11/6/90

(This space for Federal or State office use)

Approved by

Local Approval of the

Title

Date

Conditions of approval, if any

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 OIL AND GAS INSPECTION RECORD

Coop.

OPERATOR PG & F - Resources Co LEASE U-49092
 WELL NO. 43-33-B Fed. & Tanks API 43-013-31270
 SEC. 33 T. 8S R. 16E CONTRACTOR _____
 COUNTY Duchesne FIELD Monument Basin

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BOPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN / TA :

<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> EQUIPMENT*	<input type="checkbox"/> SAFETY
<input type="checkbox"/> OTHER			

ABANDONED:

<input type="checkbox"/> MARKER	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> REHAB.	<input type="checkbox"/> OTHER
---------------------------------	---------------------------------------	---------------------------------	--------------------------------

PRODUCTION:

<input checked="" type="checkbox"/> WELL SIGN	<input checked="" type="checkbox"/> HOUSEKEEPING	<input checked="" type="checkbox"/> EQUIPMENT*	<input checked="" type="checkbox"/> FACILITIES*
<input checked="" type="checkbox"/> METERING*	<input checked="" type="checkbox"/> POLL. CONTROL	<input checked="" type="checkbox"/> PITS	<input checked="" type="checkbox"/> DISPOSAL
<input checked="" type="checkbox"/> SECURITY	<input checked="" type="checkbox"/> SAFETY	<input type="checkbox"/> OTHER	

GAS DISPOSITION:

<input type="checkbox"/> VENTED/FLARED	<input checked="" type="checkbox"/> SOLD	<input checked="" type="checkbox"/> LEASE USE
--	--	---

LEGEND: Y - YES OR SATISFACTORY
 N - NO OR UNSATISFACTORY
 NA - NOT APPLICABLE

*FACILITIES INSPECTED: Loc. well head Pump Jack w/ Gas Engine
Treater, line heater, Propane tank 2-Prod Tanks (400's) 1-100 Bbl H₂O Tank
Meter & Pit

REMARKS: POW

ACTION: _____

INSPECTOR: JLB DATE: 9-6-90
 IN36/1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Confidential

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
44-33-B Federal

9. API Well No.
43-013-31270

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
PG&E Resources Company

3. Address and Telephone No.
85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FEL, 666' FSL SE/SE
Section 33, T8S, R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection

NTL-2B
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating Disposal Well or the Dave Murray Disposal Pond.

Operator also proposes construction of an emergency pit to be 10' square at surface with 1:1 slopes, 5' deep and 10' square at bottom. This pit will be fenced and bermed and only used in emergency situations. Any liquids discharged to the pit will be removed within 48 hrs.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**
Date: 11-9-90
By: [Signature]

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Production Superintendent Date 11/6/90

(This space for Federal or State office use)

Approved by [Signature] Title [Signature] Date [Signature]

Conditions of approval, if any: action is Necessary

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE 660' FEL, 666' FSL
Section 33, T8S, R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other

NTL-2B

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to dispose of produced water into an above-ground tank. The tank will be fiberglass with a capacity of about 100 bbls. Water from the tank will be taken by truck and disposed of at the Rooney Operating disposal well.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 9-28-93
By: [Signature]

Copies: Div. OG&M; SGoodrich; Central Files; JLaFevers

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Title

Production Foreman

Date

9/23/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any: Federal Approval of this Action is Necessary

Title

Date

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT
 PG&E RESOURCES COMPANY
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595

REPORT PERIOD (MONTH/YEAR): 8 / 94

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes			
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)	
✓	FEDERAL 41-5-G					✓	1130096	(wells draw GRRV Unit)	
	4301331205	10859 09S 16E 5	GRRV						
✓	FEDERAL 23-9-H					✓	1150750		
	4301331206	10868 09S 17E 9	GRRV						
✓	FEDERAL 24-33-B					✓	1149092	(wells draw GRRV Unit)	
	4301331214	10913 08S 16E 33	GRRV						
✓	FEDERAL 31-4-G					✓	1130096	(wells draw GRRV Unit)	
	4301331228	10979 09S 16E 4	GRRV						
✓	FEDERAL 14-34-B					✓	1147171	(wells draw GRRV Unit)	
	4301331225	10980 08S 16E 34	GRRV						
✓	FEDERAL 14-33-B					✓	1149092	(wells draw GRRV Unit)	
	4301331229	10988 08S 16E 33	GRRV						
✓	FEDERAL 43-33-B					✓	"	(wells draw GRRV Unit)	
	4301331240	11007 08S 16E 33	GRRV						
✓	FEDERAL 23-34-B					✓	1147171	(wells draw GRRV Unit)	
	4301331241	11041 08S 16E 34	GRRV						
✓	FEDERAL 11-4-G					✓	1130096	(wells draw GRRV Unit)	
	4301331250	11046 09S 16E 4	GRRV						
✓	FEDERAL 23-33-B					✓	1149092	(wells draw GRRV Unit)	
	4301331251	11047 08S 16E 33	GRRV						
✓	FEDERAL 31-5-G					✓	1130096	(wells draw GRRV Unit)	
	4301331252	11054 09S 16E 5	GRRV						
✓	FEDERAL 34-33-B					✓	1149092	(wells draw GRRV Unit)	
	4301331269	11079 08S 16E 33	GRRV						
✓	FEDERAL 44-33-B					✓	"	(wells draw GRRV Unit)	
	4301331270	11084 08S 16E 33	GRRV						
TOTALS									

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

Bureau of Land Management
Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

3100
U-01470A
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co. :
6688 N. Central Expwy., #1000 : Oil and Gas
Dallas, Texas 75206 : U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals
Adjudication Section

Enclosure
Exhibit

bc: Moab District Office w/encl.
Vernal District Office w/encl.
MMS-Data Management Division, Denv
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2	
To	LISHA CARDONA	From	CHRIS MERRITT
Co.	STATE OF UTAH	Co.	BLM
Dept.	OIL & GAS	Phone #	539-4109
Fax #	359-3940	Fax #	539-4260

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A x confirmed BLM/SL
11-29-94. Jee

UTAH WELLS

8/24/94

WELL NAME	LOCATION	SEC-TWNSHIP-RANGE	COUNTY	LEASE NUMBER	API NO.
✓ Federal #23-33-B	NE/4 SW/4	33-8S-16E	Duchesne	U-49092	43-013-31251
✓ Federal #31-5-G	NW/4 NE/4	5-9S-16E	Duchesne	U-30096	43-013-31252
✓ Federal #33-33-B	NW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31268
✓ Federal #34-33-B	SW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31269
✓ Federal #44-33-B	SE/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31270
✓ Federal #13-34-B	NW/4 SW/4	34-8S-16E	Duchesne	U-47171	43-013-31271
✓ Federal #21-4-G	NE/4 NW/4	4-9S-16E	Duchesne	U-30096	43-013-31272
✓ Federal #22-5-G	SE/4 NW/4	5-9S-16E	Duchesne	U-30096	43-013-31273
✓ Federal #13-33-B	NW/4 SE/4	33-8S-16E	Duchesne	U-49092	43-013-31277
✓ Castle Peak Federal #43-5-G	NE/4 SE/4	5-9S-16E	Duchesne	U-134217A	43-013-30858
✓ Federal #33-36	NW/4 SE/4	36-11S-14E	Duchesne		43-013-30486

DALEN Resources
Oil & Gas Co.



October 5, 1994

OCT 11 1994

Lisha Romero
State Oil & Gas Office
3 Triad Center
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.
6688 N. Central Expressway, Suite 1000
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson
Regulatory Analyst

JJ/sw
Enclosures

cc: Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



Edward J. Freel

Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP
AND MERGER**

MERGING

**PG&E Resources Offshore Company
a Delaware corporation**

INTO

**PG&E Resources Company
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

FIRST: That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

SECOND: That Resources owns all of the outstanding shares of the capital stock of Offshore.

THIRD: That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

"RESOLVED, that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

RESOLVED, that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

RESOLVED, that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams
Name: Joseph T. Williams
Title: President

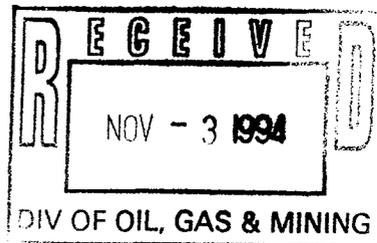
DALEN Resources
Oil & Gas Co.



October 31, 1994

Kent E. Johnson
Vice President
Exploration/Development

STATE OF UTAH NATURAL RESOURCES
OIL & GAS MINING
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
Attn: Gil Hunt



Re: Name Change
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert
Exploration Manager
Northern Division

JRW:lkd

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	VLC/GIL	
2	LWP 7-PL	
3	DP 28-SJ	✓
4	VLC 9-FILE	
5	RJF	✓
6	LWP	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator)	DALEN RESOURCES OIL & GAS CO.	FROM (former operator)	PG&E RESOURCES COMPANY
(address)	6688 N CENTRAL EXP STE 1000	(address)	6688 N CENTRAL EXP STE 1000
	DALLAS TX 75206-3922		DALLAS TX 75206-3922
	phone (214) <u>750-3800</u>		phone (214) <u>750-3800</u>
	account no. <u>N3300 (11-29-94)</u>		account no. <u>N0595</u>

Well(s) (attach additional page if needed):

***WELLS DRAW (GRRV) UNIT**
***WEST WILLOW CREEK UNIT**

Name: **SEE ATTACHED**	API: <u>013-31270</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-3-94)*
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-3-94)*
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-29-94)*
- See 6. Cardex file has been updated for each well listed above. *12-7-94*
- See 7. Well file labels have been updated for each well listed above. *12-8-94*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-29-94)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety U1870145/80,000. "Rider to Dater" rec'd 10-3-94. # Trust Lead/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.

- Lee* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new ^{Upon compl. of routing.} and former operators' bond files.
- Lee* 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 10-5-94 1994. If yes, division response was made by letter dated 10-5-94 1994.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 10-5-94 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTD* 2. Copies of documents have been sent to State Lands for changes involving State leases. 2/9/94 to Ed Bonn

FILMING

- 1. All attachments to this form have been microfilmed. Date: December 15 1994.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941108 B.M/S.Y. Not appr. yet!

941125 " Appr.'d.

**ENSERCH
EXPLORATION** INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214/369-7893

January 11, 1996

Bureau of Land Management
Utah State Office
324 South State
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

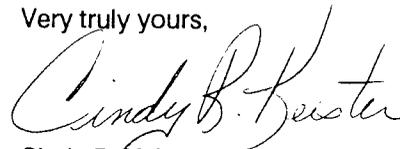
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

**ENSERCH
EXPLORATION** INC

4849 Greenville Avenue, Suite 1200
Dallas, Texas 75206-4186

January 18, 1996

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Mr. Dan Jarvis

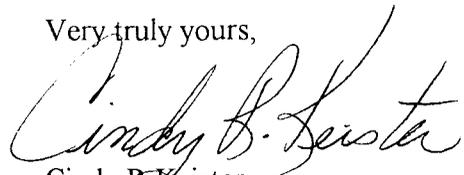
RE: Operator Changes - UIC Wells
Pleasant Valley Unit
Wells Draw Unit
West Willow Creek Unit
Duchesne & Uintah Counties, Utah

Gentlemen:

Attached is an original and one (1) copy of UIC Form 5 "Transfer of Authority to Inject" changing the operator from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. for the water and gas injection wells in the referenced units. Also attached is a copy of the Certificate of Merger from the Secretary of the State of Texas certifying the Articles of Merger.

If you have any questions or need further information, please contact the undersigned at 214/987-6353.

Very truly yours,



Cindy R. Keister
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Central File
Regulatory File

United States Department of the Interior
BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:
3100
U-01470A et al
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas
4849 Greenville Ave., Suite 1200 : U-01470A et al
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-920)
Irene Anderson (UT-923)

Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)
West Willow Creek Unit (UTU-73218X)
Pleasant Valley Unit (UTU-74477X)



The State of Texas

SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

DALEN CORPORATION
a Delaware no permit corporation
with
ENSERCH EXPLORATION, INC.
a Texas corporation

have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM





Antonio O. Garza, Jr.
Secretary of State

ARTICLES OF MERGER OF
DALEN Corporation
INTO
Enserch Exploration, Inc.

FILED
In the Office of the
Secretary of State of Texas
DEC 19 1995
Corporations Section

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton
 Name: J. W. Pinkerton
 Title: Vice President and Controller,
 Chief Accounting Officer



The State of Texas

SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.



IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.



Antonio O. Garza, Jr.
Secretary of State

MAC

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

(MERGER)

Routing:	
1-	LEC / <i>[initials]</i>
2-	DPS / <i>[initials]</i> - FILE
3-	VLD / <i>[initials]</i> - FILE
4-	RJF / <i>[initials]</i>
5-	LEC / <i>[initials]</i>
6-	SJ / <i>[initials]</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator)	<u>ENSERCH EXPLORATION INC</u>	FROM (former operator)	<u>DALEN RESOURCES OIL & GAS</u>
(address)	<u>4849 GREENVILLE AVE STE 1200</u>	(address)	<u>6688 N CENTRAL EXP #1000</u>
	<u>DALLAS TX 75206</u>		<u>DALLAS TX 75206-3922</u>
	<u>CINDY KEISTER</u>		<u>CINDY KEISTER</u>
	phone <u>(214) 987-6353</u>		phone <u>(214) 987-6353</u>
	account no. <u>N4940 (1-29-96)</u>		account no. <u>N3300</u>

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
- lec* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? *(yes/no)* ____ If yes, show company file number: #171513. *(c.f. 1-4-95)*
- lec* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- lec* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
- lec* 6. Cardex file has been updated for each well listed above. *(2-12-96)*
- lec* 7. Well file labels have been updated for each well listed above. *(2-12-96)*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
- lec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Le* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trustlands / Bond & lease update in progress!*

- Le* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) ____ . Today's date _____ 19____ . If yes, division response was made by letter dated _____ 19____ .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19____ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *OK 2/15/96*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.

FILMING

- VDP* 1. All attachments to this form have been microfilmed. Date: March 13 1996.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

960212 BLM/SL Aprv. eff. 12-31-95.

UTAH WELLS
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY	
*	Federal	11- 4G	U-30096	✓43-013-31250	NW NW	4	9S	16E	Duchesne	
*	Federal	12- 4G	U-30096	✓43-013-3699	SW NW	4	9S	16E	Duchesne	30699
✓*	Federal	21- 4G	U-30096	43-013-31272	NE NW	4	9S	16E	Duchesne	(W/W)
*	Federal	31- 4G	U-30096	✓43-013-31228	NW SE	4	9S	16E	Duchesne	
*	Federal	42- 4G	U-30096	✓43-013-30638	SE NE	4	9S	16E	Duchesne	
*	Federal	21- 5G	U-30096	✓43-013-30698	NE NW	5	9S	16E	Duchesne	30698
*	Federal	22- 5G	U-30096	✓43-013-31273	SE NW	5	9S	16E	Duchesne	
*	Federal	23- 5G	U-30096	✓43-013-31207	NE SW	5	9S	16E	Duchesne	
*	Federal	31- 5G	U-30096	✓43-013-31252	NW NE	5	9S	16E	Duchesne	
✓*	Federal	32- 5G	U-30096	43-013-30670	SW NE	5	9S	16E	Duchesne	(W/W)
✓*	Federal	41- 5G	U-30096	43-013-31205	NE SW	5	9S	16E	Duchesne	(W/W)
*	Federal	43- 5G	U-034217-AV	43-013-30858	NE SE	5	9S	16E	Duchesne	
*	Federal	13- 33B	U-49092	✓43-013-31277	NW SW	33	8S	16E	Duchesne	
✓*	Federal	14- 33B	U-49092	43-013-31229	SW SW	33	8S	16E	Duchesne	(W/W)
*	Federal	23- 33B	U-49092	✓43-013-31251	NE SW	33	8S	16E	Duchesne	
*	Federal	24- 33B	U-49092	✓43-013-31214	SE SW	33	8S	16E	Duchesne	
*	Federal	33- 33B	U-49092	✓43-013-31268	NW SE	33	8S	16E	Duchesne	
✓*	Federal	34- 33B	U-49092	43-013-31269	SW SE	33	8S	16E	Duchesne	(W/W)
✓*	Federal	43- 33B	U-49092	43-013-31240	NE SE	33	8S	16E	Duchesne	(W/W)
✗*	Federal	44- 33B	U-49092	✓43-013-31270	SE SE	33	8S	16E	Duchesne	
*	Federal	13- 34B	U-47171	✓43-013-31271	NW SW	34	8S	16E	Duchesne	
✓*	Federal	14- 34B	U-47171	43-013-31225	SW SW	34	8S	16E	Duchesne	(W/W)
*	Federal	23- 34B	U-47171	✓43-013-31241	NE SW	34	8S	16E	Duchesne	
**	Federal	14- 4	U-07978	✓43-013-30671	SW SW	4	9S	17E	Duchesne	
**	Federal	34- 5	UTU-72108	✓43-013-30721	SW SE	5	9S	17E	Duchesne	
**	Federal	44- 5	UTU-72108	✓43-013-30913	SE SE	5	9S	17E	Duchesne	
**	Federal	12- 8H	U-10760	✓43-013-30680	SW NW	8	9S	17E	Duchesne	
**	Federal	21- 8H	U-10760	✓43-013-31460	NE NW	8	9S	17E	Duchesne	
**	Federal	22- 8H	U-10760	✓43-013-31457	SE NW	8	9S	17E	Duchesne	
**	Federal	31- 8H	U-10760	✓43-013-30679	NW NE	8	9S	17E	Duchesne	
**	Federal	32- 8H	U-10760	✓43-013-30542	SW NE	8	9S	17E	Duchesne	
**	Federal	41- 8H	U-10760	✓43-013-30741	NE NE	8	9S	17E	Duchesne	
**	Federal	42- 8H	U-10760	✓43-013-30678	SE NE	8	9S	17E	Duchesne	ORL
	Federal	24- 15H	U-10760	✓43-013-30681	SE SW	15	9S	17E	Duchesne	
**	Federal	11- 9H	U-50750	✓43-013-30887	NW NW	9	9S	17E	Duchesne	
**	Federal	12- 9H	U-50750	✓43-013-30983	SW NW	9	9S	17E	Duchesne	
**	Federal	13- 9H	U-50750	✓43-013-30656	NW SW	9	9S	17E	Duchesne	
**	Federal	14- 9H	U-50750	✓43-013-31459	SW SW	9	9S	17E	Duchesne	
	Federal	32-29	U-19267	✓43-047-31175	SWNE	29	9S	18E	WINSTON	POW

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Federal ~~34-33B~~ 44-33B
Field or Unit name: Wells Draw Unit API no. 43-013-31270
Well location: QQ SE section 33 township 8S range 16E county Duchesne
Effective Date of Transfer: 01/01/96

CURRENT OPERATOR

Transfer approved by:

Name Cindy R. Keister Company DALEN Resources Oil & Gas Co.
Signature *Cindy R. Keister* Address 6688 N. Central Expwy., Suite
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments: DALEN Resources was merged into Enserch Exploration, Inc.

NEW OPERATOR

Transfer approved by:

Name Cindy R. Keister Company Enserch Exploration, Inc.
Signature *Cindy R. Keister* Address 4849 Greenville Ave., Suite 1200
Title Regulatory Compliance Specialist Dallas, TX 75206
Date 01/18/96 Phone (214) 987-6353

Comments:

(State use only)

Transfer approved by *A. H. P.* Title *Environ. Manager*
Approval Date 2-13-96

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE
 ENSERCH EXPLORATION INC
 6688 N CENTRAL EXP #1000
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940

REPORT PERIOD (MONTH/YEAR): 8 / 97

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ NGC 24-15H FEDERAL 4301330681 06150 09S 17E 15	GRRV			U-10760		
✓ FEDERAL 32-29 4304731175 06170 09S 18E 29	GRRV			U-19267		
✓ GOVERNMENT FOWLER 20-1 4301330563 09555 09S 17E 20	GRRV			U-13905		
FEDERAL 12-9-H 4301330983 09830 09S 17E 9	GRRV			U-50750	Pleasant Valley Unit	
FEDERAL 23-9-H 4301331206 10868 09S 17E 9	GRRV			U-50750	"	
FEDERAL 24-33-B 4301331214 10913 08S 16E 33	GRRV			U-49092	Wells Draw Unit	
FEDERAL 31-4-G 4301331228 10979 09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-34-B 4301331241 11041 08S 16E 34	GRRV			U-47171	"	
FEDERAL 11-4-G 4301331250 11046 09S 16E 4	GRRV			U-30096	"	
FEDERAL 23-33-B 4301331251 11047 08S 16E 33	GRRV			U-49092	"	
FEDERAL 31-5-G 4301331252 11054 09S 16E 5	GRRV			U-30096	"	
FEDERAL 44-33-B 4301331270 11084 08S 16E 33	GRRV			U-49092	"	
FEDERAL 33-33-B 4301331268 11086 08S 16E 33	GRRV			U-49092	"	
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-49092

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Wells Draw Unit

8. Well Name and No.
Federal #44-33B

9. API Well No.
43-013-31270

10. Field and Pool, or Exploratory Area
Wells Draw (GR)

11. County or Parish, State
Duchesne County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

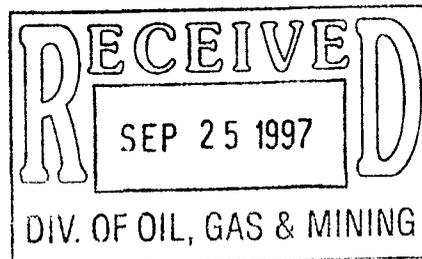
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
Section 33, SE/4 SE/4 T8S-R16E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Change of Operator</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on well)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct
 Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

Section 33, SE/4 SE/4 T8S-R16E

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Wells Draw Unit

8. Well Name and No.

Federal #44-33B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

Wells Draw (GR)

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment

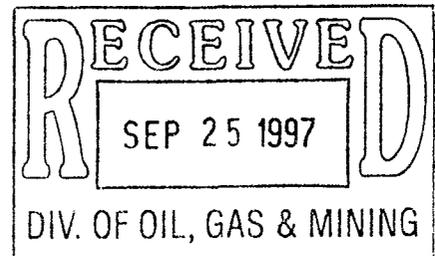
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enserch Exploration Inc. has sold its interest in the WDU #44-33B Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Sr. Production Analyst Date 08/14/1997

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

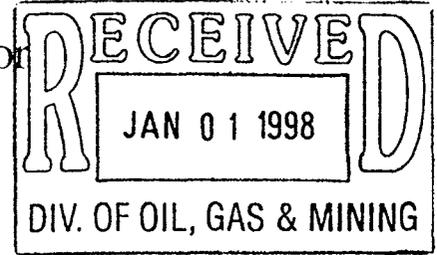
Conditions of approval, if any:

CC: UTAH DOGM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



December 31, 1997

Inland Production Company
c/o UnitSource Incorporated
11184 Huron Street, Suite 16
Denver, Colorado 80234

Re: Wells Draw (Green River) Unit
Duchesne County, Utah

Gentlemen:

On December 30, 1997, we received an indenture dated September 1, 1997, whereby Enserch Exploration, Inc. resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Wells Draw (Green River) Unit, Duchesne County, Utah.

The indenture was approved by all required parties and the parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective December 31, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Wells Draw (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Wells Draw (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ George Diwachak

for Robert A. Henricks
Chief, Branch of Fluid Minerals

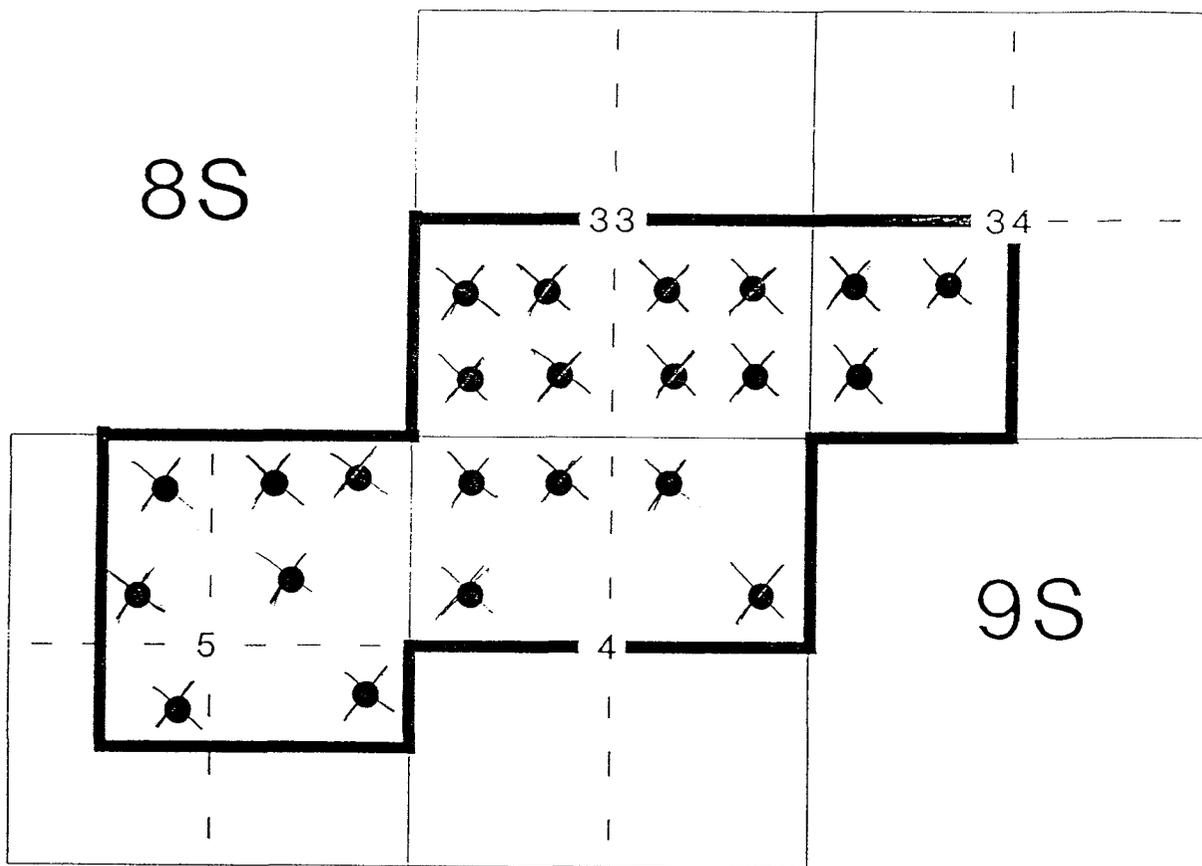
Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Wells Draw (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:12/31/97

WELLS DRAW (GREEN RIVER) UNIT

Uintah County, Utah



— UNIT OUTLINE (UTU72613A)

SECONDARY
ALLOCATION
FEDERAL 100%

OPERATOR INLAND PRODUCTION CO
 ADDRESS _____

OPERATOR ACCT. NO. H 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12276							DUCHESNE		8-16-97
WELL 1 COMMENTS: *SEE ATTACHED LIST;OP CHG FR N4940 EFF 8-16-97 (WELLS DRAW (GRRV) UNIT) OPERATOR REQ CHG FOR TAX & ROYALTY; & DISPOSITION REPORTING.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- 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)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)
 Signature
ADMIN. ANALYST 1-2-98
 Title Date
 Phone No. ()

INLAND PRODUCTION COMPANY
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
02043	12276	43-013-30858	43-5	05-09S-16E	8-16-97
06100	"	43-013-30699	12-4G	04-09S-16E	"
06105	"	43-013-30698	21-5G	05-09S-16E	"
06105	"	43-013-31207	23-5-G	05-09S-16E	"
06115	"	43-013-30638	42-4	04-09S-16E	"
10913	"	43-013-31214	24-33-B	33-08S-16E	"
10979	"	43-013-31228	31-4-G	04-09S-16E	"
11041	"	43-013-31241	23-34-B	34-08S-16E	"
11046	"	43-013-31250	11-4-G	04-09S-16E	"
11047	"	43-013-31251	23-33-B	33-08S-16E	"
11054	"	43-013-31252	31-5-G	05-09S-16E	"
11084	"	43-013-31270	44-33-B	33-08S-16E	"
11086	"	43-013-31268	33-33-B	33-08S-16E	"
11092	"	43-013-31277	13-33-B	33-08S-16E	"
11103	"	43-013-31273	22-5-G	05-09S-16E	"
11104	"	43-013-31271	13-34-B	34-08S-16E	"
10988	"	43-013-31229	14-33-B	33-08S-16E	"
11007	"	43-013-31240	43-33-B	33-08S-16E	"
11079	"	43-013-31269	34-33-B	33-08S-16E	"
10980	"	43-013-31225	14-34-B	34-08S-16E	"
11107	"	43-013-31272	21-4-G	04-09S-16E	"
10859	"	43-013-31205	41-5-G	05-09S-16E	"
06110	"	43-013-30670	32-5G	05-09S-16E	"

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-CH ✓	7-KAS ✓
3-DPS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator) INLAND PRODUCTION CO **FROM:** (old operator) ENSERCH EXPLORATION INC
 (address) PO BOX 1446 (address) 4849 GREENVILLE AVE #1200
ROOSEVELT UT 84066 DALLAS TX 75206-4145
 Phone: (801)722-5103 Phone: (214)987-7859
 Account no. N5160 Account no. N4940

***WELLS DRAW (GREEN RIVER) UNIT**

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31270</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 9-25-97)*
- Yec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- Yec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Yec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-2-98) X UIC DBase & Qua Hro Pro.*
- Yec 6. **Cardex** file has been updated for each well listed above. *(1-2-98)*
- Yec 7. Well **file labels** have been updated for each well listed above. *(1-2-98)*
- Yec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-2-98)*
- Yec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- 2. A **copy of this form** has been placed in the new and former operator's bond files.
- 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been **microfilmed**. Today's date: 1-20-98.

FILING

- 1. **Copies** of all attachments to this form have been filed in each **well file**.
- 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980102 Blm/SL Aprv. Wells Draw (GRV) Unit vff. 12-31-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-49092

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

WELLS DRAW

8. Well Name and No.

FEDERAL 44-33-B

9. API Well No.

43-013-31270

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0666 FSL 0660 FEL SE/SE Section 33, T08S R16E

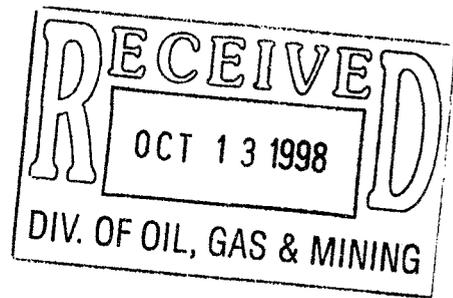
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

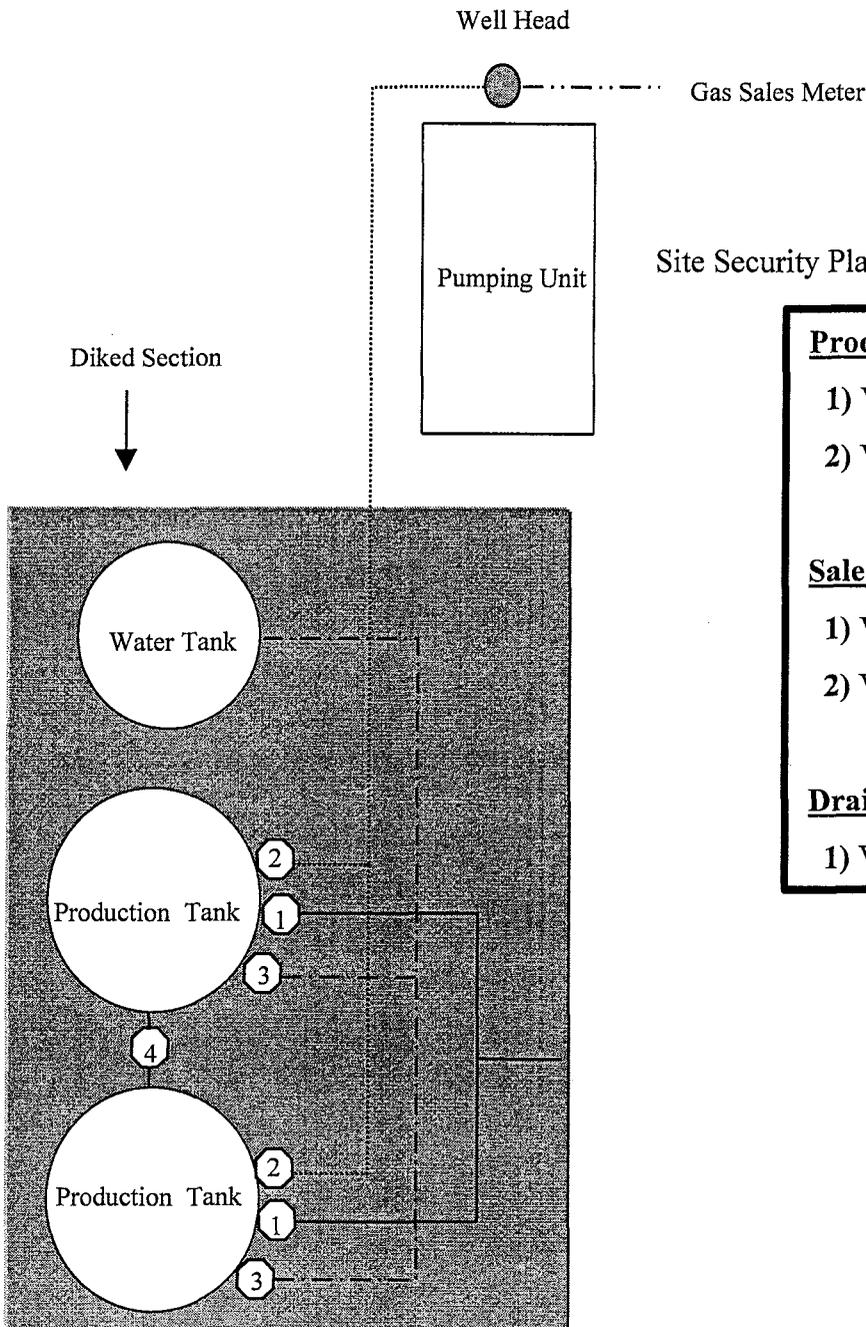
Inland Production Company Site Facility Diagram

Wells Draw 44-33B

SE/SE Sec. 33, T8S, 16E

Duchesne County

May 12, 1998



Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

Emulsion Line
Load Line	—————
Water Line	- - - - -
Gas Sales	- · - · - ·



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

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: na/

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: 2/23/2005

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

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:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FEDERAL 44-33-B	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4301331270000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0666 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/6/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The above reference well was put on injection at 7:30 PM on 07/06/2011.		
Accepted by the Utah Division of Oil, Gas and Mining Date: <u>08/01/2011</u> By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/7/2011	



October 11, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #44-33B-8-16
Monument Butte Field, Lease #UTU-49092
Section 33-Township 8S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Federal #44-33B-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Lead

RECEIVED
OCT 19 2010
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #44-33B-8-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-49092
OCTOBER 11, 2010

TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – FEDERAL #44-33B-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – FEDERAL #43-33B-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – FEDERAL #33-33B-8-16
ATTACHMENT E-3	WELLBORE DIAGRAM – FEDERAL #24-33B-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – FEDERAL #34-33B-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – FEDERAL #31-4G-9-16
ATTACHMENT E-6	WELLBORE DIAGRAM – FEDERAL #14-34B-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – FEDERAL #13-34B-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – TRAVIS FEDERAL #8-33-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – SOUTH WELLS DRAW #B-4-9-16
ATTACHMENT E-10	WELLBORE DIAGRAM – SOUTH WELLS DRAW #4-3-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – WELLS DRAW #I-4-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – WELLS DRAW #14A-34-8-16
ATTACHMENT E-13	WELLBORE DIAGRAM – WELLS DRAW #P-34-8-16
ATTACHMENT E-14	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #S-33-8-16
ATTACHMENT E-15	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #R-33-8-16
ATTACHMENT E-16	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #1-4-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 6/20/90 – 7/6/90
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Spud Date: 4-25-90
 Put on Production: 7-24-90
 GL: 5715' KB: 5730'

Federal #44-33B

Initial Production: 80 BOPD,
 0 MCFPD, 96 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 225 sx "G" + 2% CaCl2 + 1/4# sx floccle to surface

Casing Shoe @ 300'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 154 jts (6385')
 DEPTH LANDED: 6387' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sx III-Lift tail w/ 715 sx 10-0 RFC
 CEMENT TOP AT: 2650'

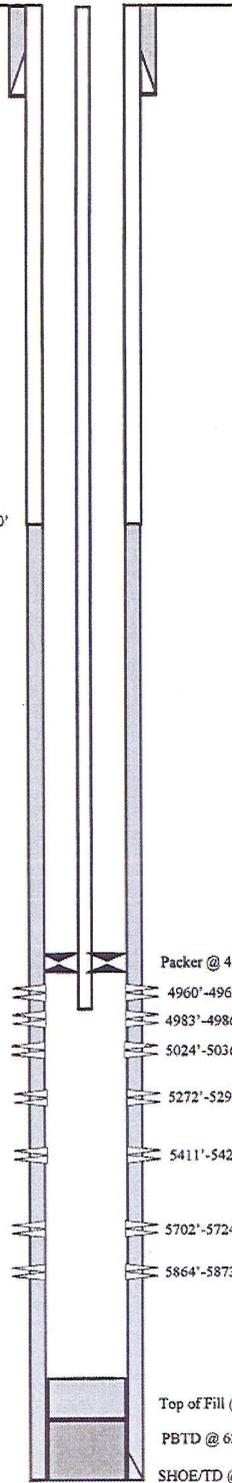
Cement Top @ 2650'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 194 jts (6084.95') KB
 TUBING ANCHOR: 5833'
 NO. OF JOINTS: 1 jt (31.37') KB
 SEATING NIPPLE: 2-7/8"
 NO. OF JOINTS: 1 jt (31.85') KB
 TOTAL STRING LENGTH: EOT @ 5912' KB

FRAC JOB

5864'-5873'	28,240# 20/40 sand, 37,250# 16/30 sand
5702'-5724'	37,470# 20/40 sand, 49,315# 16/30 sand
5411'-5421'	26,250# 20/40 sand, 34,620# 16/30 sand
5272'-5294'	37,410# 20/40 sand, 49,315# 16/30 sand
4960'-5036'	48,570# 20/40 sand, 63,885# 16/30 sand
8/3/04	Parted rods. Update rod and tubing detail.



PERFORATION RECORD

5864'-5873'	4 JSPF	36 holes
5702'-5724'	4 JSPF	88 holes
5411'-5421'	4 JSPF	40 holes
5272'-5294'	4 JSPF	88 holes
4960'-5036'	4 JSPF	36 holes

NEWFIELD

Federal #44-33B
 666 FSL & 660 FEL
 SESE Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31270; Lease #U-49092

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

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

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

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 of the project area.

See Attachment A.

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

Approval is requested to convert the Federal #44-33B-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

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

The proposed injection well will inject into the Green River Formation.

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

The injection zone is in the Green River Formation. For the Federal #44-33B-8-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (4261' - 6279'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3929' and the TD is at 6385'.

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

The referenced log for the Federal #44-33B-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 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 primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

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

See Attachment B.

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

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-49092) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well 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.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 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 wells, 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.**

See Attachments A and B.

 - 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.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

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

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

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

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 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 casing program is 8-5/8", 24# surface casing run to 300' KB, and 5-1/2", 17# casing run from surface to 6387' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 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 primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1878 psig.

2.8 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.

The minimum fracture gradient for the Federal #44-33B-8-16, for existing perforations (4960' - 5873') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1878 psig. We may add additional perforations between 3929' and 6385'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #44-33B-8-16, the proposed injection zone (4261' - 6279') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 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 the improper intervals.

See Attachments E through E-16.

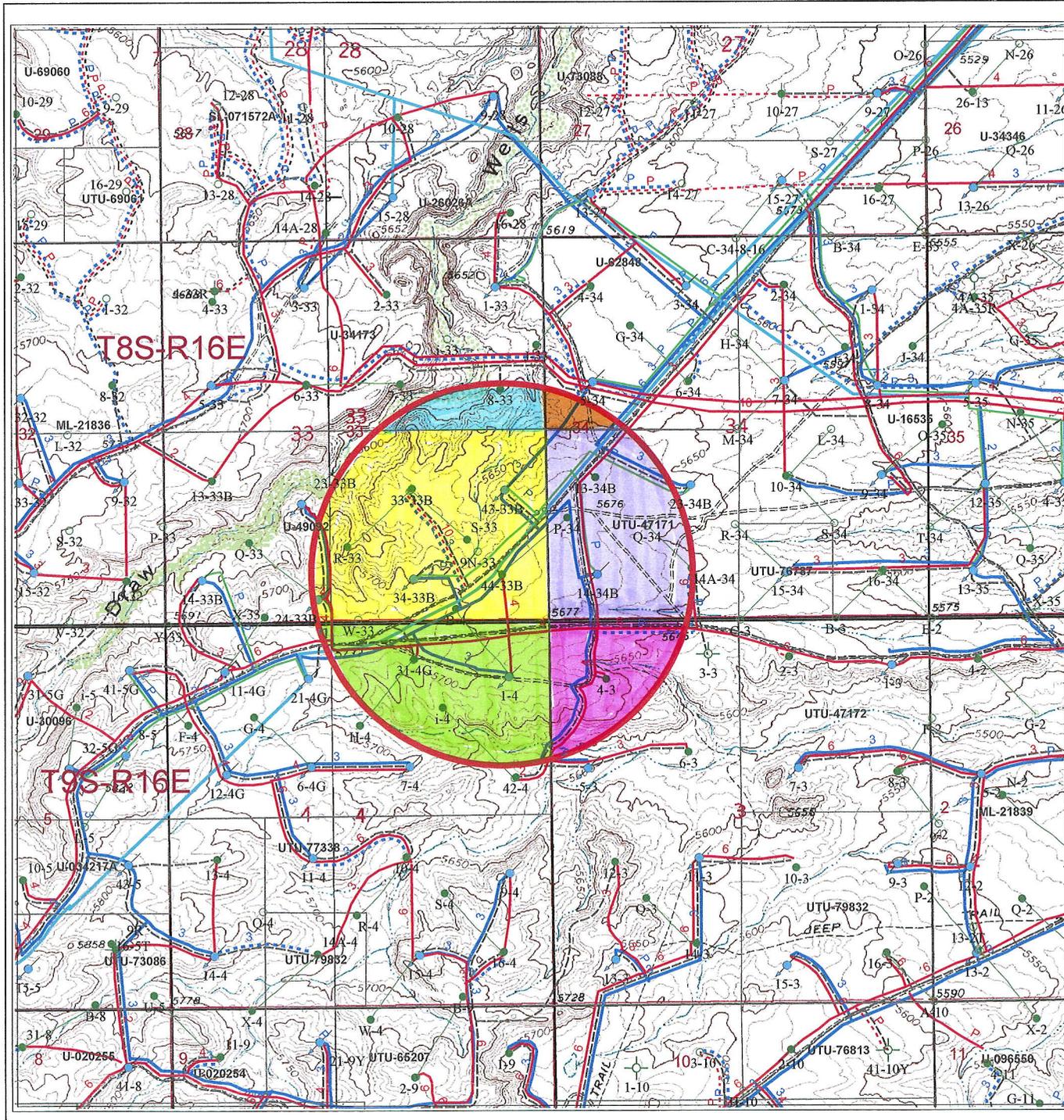
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

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

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



44-33B-8-16 1/2mile radius

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed

Leases

- Mining tracts

Gas Pipelines

- Gathering lines
- Proposed lines

- UTU - 49092
- UTU - 30096
- UTU - 77338
- UTU - 47171
- UTU - 62848
- UTU - 34173

ATTACHMENT A

Federal 44-33-B
Section 33, T8S-R16E

NEWFIELD

ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone: (303) 893-0102

June 21, 2010

T8S, R16E, S.L.B.&M.

PG&E RESOURCES COMPANY

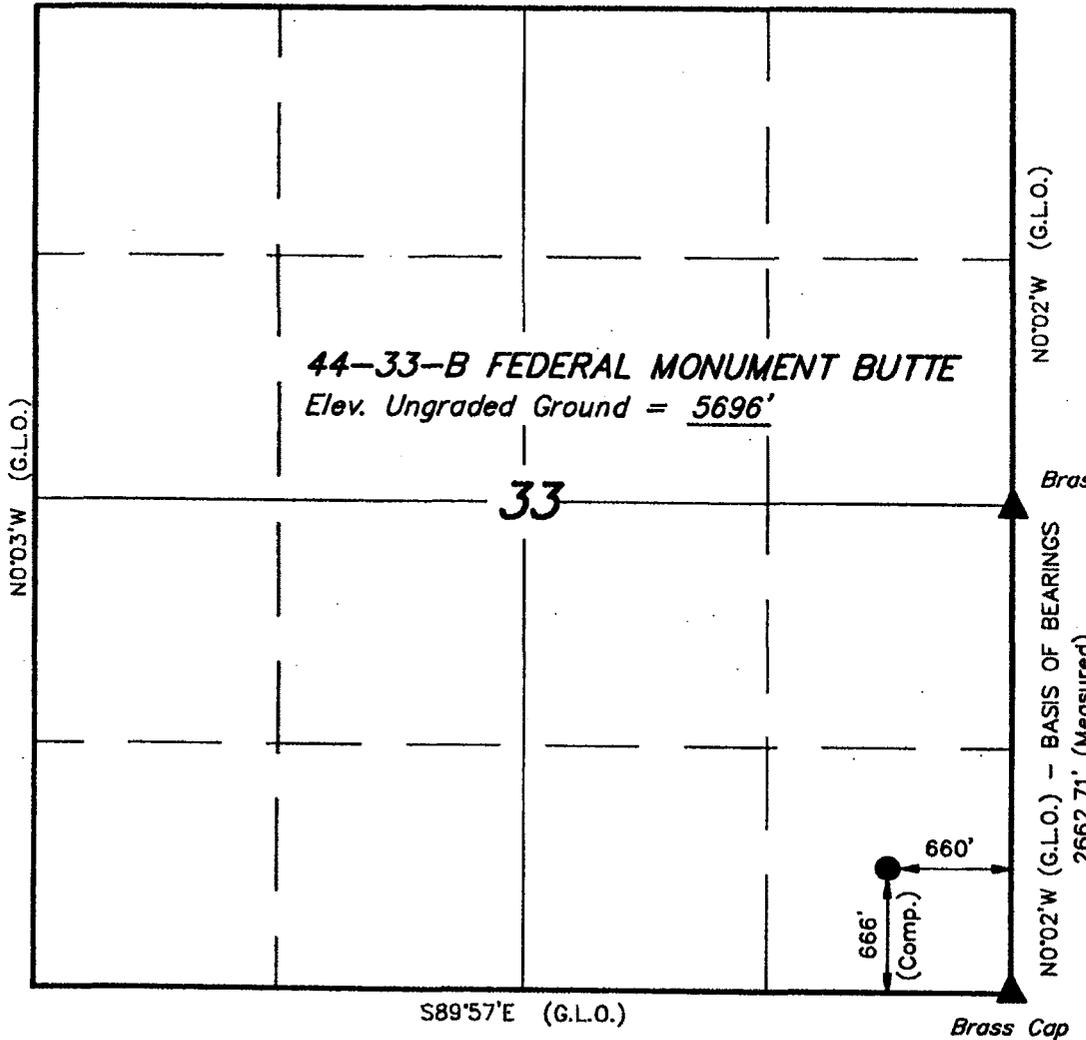
Well location, 44-33-B FEDERAL MONUMENT BUTTE, located as shown in the SE 1/4 SE 1/4 of section 33, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

S89°58'W 79.96 chs (G.L.O.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 33, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5677 FEET.

ATTACHMENT A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE 2-6-90
PARTY D.A. J.T.K. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER COLD - CLEAR	FILE PG&E RESOURCES CO.

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>Township 8 South, Range 16 East SLM</u> Section 33: S2	USA UTU-49092 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>Township 9 South, Range 16 East SLM</u> Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE, SENW, NESW	USA UTU-30096 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>Township 9 South, Range 16 East SLM</u> Section 3: Lots 3-4, S2NW, SW Section 4: NESW, SE	USA UTU-77338 HBP	Newfield Production Company Newfield RMI LLC	USA
4	<u>Township 8 South, Range 16 East SLM</u> Section 34: SW	USA UTU-47171 HBP	Newfield Production Company Newfield RMI LLC Loex Properties 1984 Chorney Oil Company	USA

EXHIBIT B

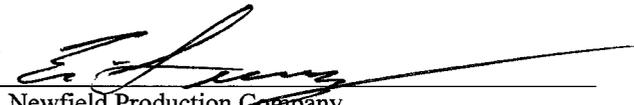
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
5	<u>Township 8 South, Range 16 East SLM</u> Section 27: S2S2 Section 34: NW	USA UTU-62848 HBP	James Fischgrund Newfield Production Company Beverly Fischgrund Jack H. Edwards Inc. Thomas Ingle Jackson King Oil & Gas of Texas, Ltd. Raymond H. Brennan	USA
6	<u>Township 8 South, Range 16 East SLM</u> Section 33: N2	USA UTU-34173 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #44-33B-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 17th day of October, 2010.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires

My Commission Expires: 02/10/2013



Spud Date: 4-25-90
 Put on Production: 7-24-90
 GL: 5715' KB: 5730'

Federal #44-33B

Initial Production: 80 BOPD,
 0 MCFPD, 96 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 225 sx "G" + 2% CaCl2 + 1/4# sx flocele to surface

Casing Shoe @ 300'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 154 jts (6385')
 DEPTH LANDED: 6387' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sx Hi-Lift tail w/ 715 sx 10-0 RFC
 CEMENT TOP AT: 2650'

Cement Top @ 2650'

TUBING

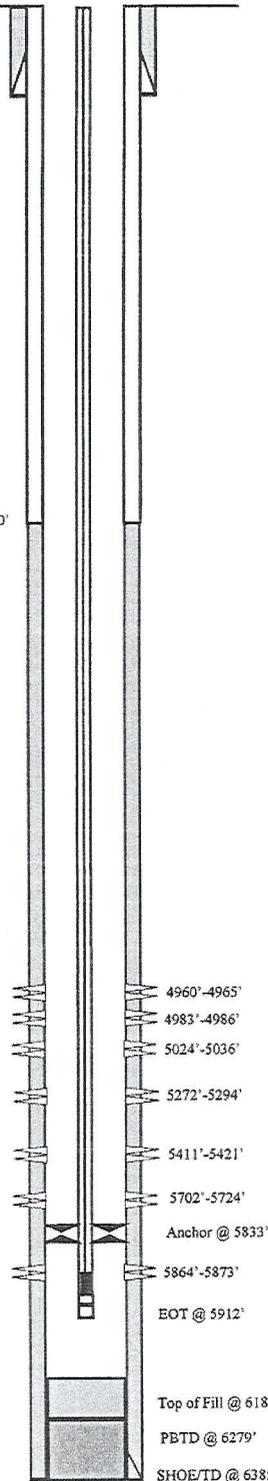
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 183jts (5815')
 TUBING ANCHOR: 5833'
 NO. OF JOINTS: 1 jt (31.3')
 SEATING NIPPLE: 2-7/8"
 NO. OF JOINTS: 2 jt (6167')
 TOTAL STRING LENGTH: EOT @ 5912' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
 SUCKER RODS: 2-4' x 7/8" pony rod, 1-4' x 7/8" pony rod, 1-6' x 7/8" pony rod, 102-7/8" guided rods, 103-3/4" guided rods, 21-1/2" guided rods, 6-1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 6 SPM

FRAC JOB

5864'-5873'	28,240# 20/40 sand, 37,250# 16/30 sand
5702'-5724'	37,470# 20/40 sand, 49,315# 16/30 sand
5411'-5421'	26,250# 20/40 sand, 34,620# 16/30 sand
5272'-5294'	37,410# 20/40 sand, 49,315# 16/30 sand
4960'-5036'	48,570# 20/40 sand, 63,885# 16/30 sand
8/3/04	Parted rods. Update rod and tubing detail
10/6/2010	Pump change. Updated rod and tubing detail.
12-7-10	Pump Change, Updated rod and tubing detail.



PERFORATION RECORD

5864'-5873'	4 JSPF	36 holes
5702'-5724'	4 JSPF	88 holes
5411'-5421'	4 JSPF	40 holes
5272'-5294'	4 JSPF	88 holes
4960'-5036'	4 JSPF	36 holes



Federal #44-33B
 666 FSL & 660 FEL
 SESE Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31270; Lease #U-49092

Spud Date: 9/5/89
 Put on Production: 11/10/89
 Put on Injection: 1/11/95

Federal #43-33B

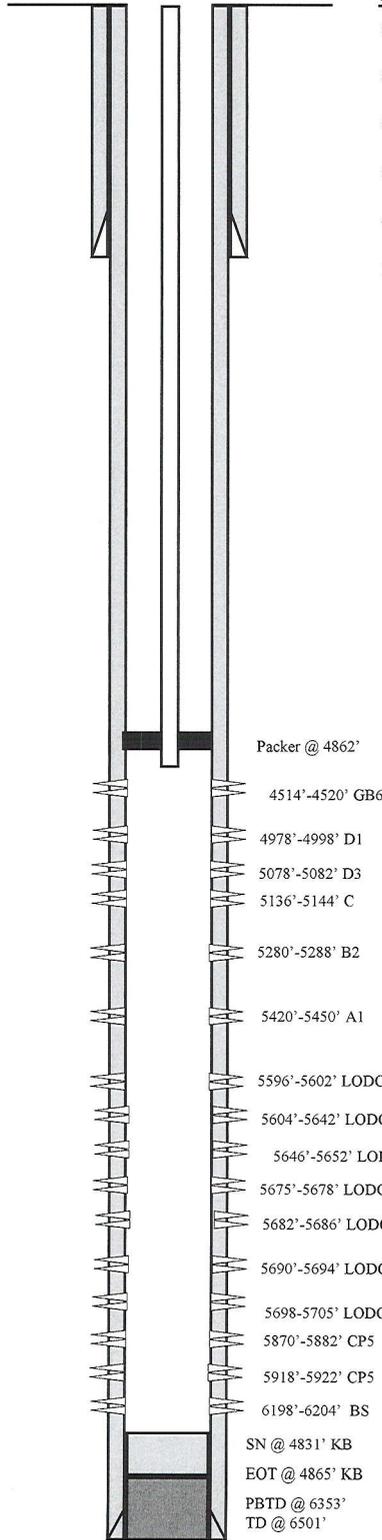
Initial Production: 240 BOPD,
 0 MCFPD, 126 BWPD

GL: 5673' KB: 5686'
SURFACE CASING
 CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 306.09'
 DEPTH LANDED: 309'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 sxs cmt

PRODUCTION CASING
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 6481.5'
 DEPTH LANDED: 6483'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 1045 sxs cement
 CEMENT TOP AT: Sfc

TUBING
 SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 156 jts (4817')
 SN LANDED AT: 4831' KB
 NO. OF JOINTS: 1 jts (29.41')
 PACKER: 4862' KB
 TOTAL STRING LENGTH: EOT @ 4865' KB

Injection Wellbore
 Diagram



FRAC JOB	
5596'-5705'	1933 bbl fluid 73,100# 20/40 sand, 84,900# 16/30 sand
5420'-5450'	1095 bbl fluid 45,900# 20/40 sand, 74,300# 16/30 sand
5280'-5288'	676 bbl fluid 26,000# 20/40 sand, 44,000# 16/30 sand
5136'-5144'	685 bbl fluid 32,800# 20/40 sand, 10,200# 16/30 sand
4978'-4998'	942 bbl fluid 41,080# 20/40 sand, 55,215# 16/30 sand
10/29/94	Convert to injector.

PERFORATION RECORD		
5596'-5705'	2 JSPF	132 holes
5420'-5450'	4 JSPF	80 holes
5280'-5288'	4 JSPF	32 holes
5136'-5144'	4 JSPF	32 holes
4978'-4998'	4 JSPF	80 holes

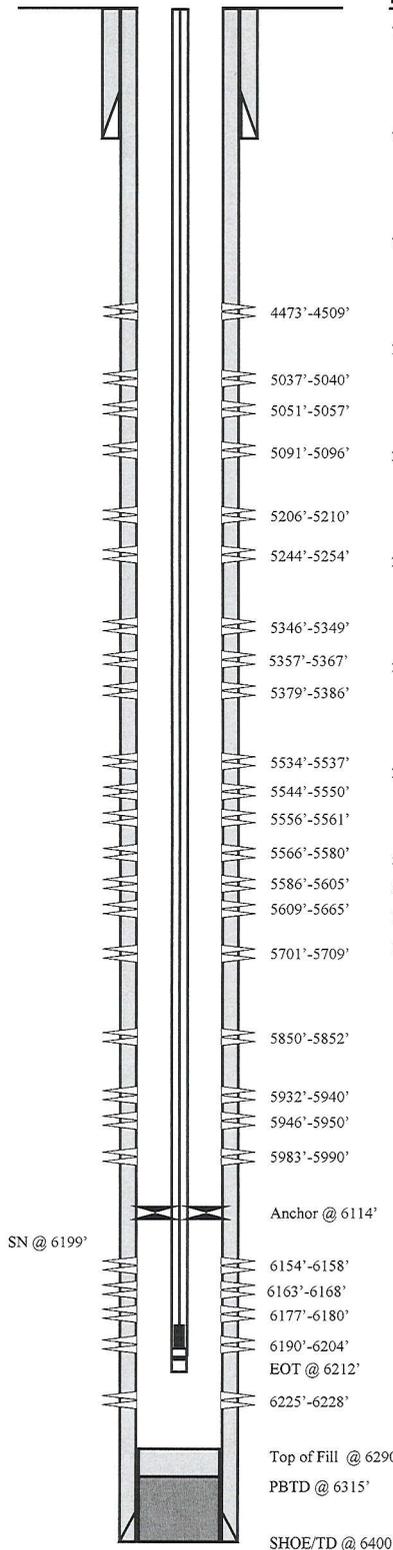


Federal #43-33B
 1837 FSL & 590 FEL
 NESE Section 33-T&S-R16E
 Duchesne Co, Utah
 API #43-013-31240; Lease #U-49092

Federal #33-33B

Initial Production: 57 BOPD,
0 MCFPD, 112 BWPD

Wellbore Diagram



FRAC JOB

7/11/90	5586'-5665'	Frac zone as follows: 83,990# 20/40 sand + 110,250# 16/30 sand in 1821 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 62.5 BPM. ISIP 2200 psi. Calc. flush: 5586 gal. Actual flush: 5418 gal.
7/13/90	5379'-5386'	Frac zone as follows: 18,600# 20/40 sand + 11,000# 16/30 sand in 443 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 63 BPM. ISIP 2100 psi. Calc. flush: 5379 gal. Actual flush: 2865 gal.
7/17/90	4473'-4509'	Frac zone as follows: 56,100# 20/40 sand + 73,750# 16/30 sand in 1253 bbls fluid. Treated @ avg press of 2300 psi w/avg rate of 40 BPM. ISIP 2300 psi. Calc. flush: 4473 gal. Actual flush: 4368 gal.
2/6/03	5850'-6228'	Frac CP and BS sands as follows: 119,440# 20/40 sand in 863 bbls YF 125 fluid. Treated @ avg. pressure of 4168 psi w/avg. rate of 17.4 BPM. ISIP - 1946 psi. Calc flush: 1522 gal. Actual flush: 1389 gal.
2/7/03	5701'-5709'	Frac LoLODC sands as follows: 24,458# 20/40 sand in 202 bbls YF 125 fluid. Treated @ avg. pressure of 4996 psi w/avg. rate of 17.6 BPM. Calc flush: 1439 gal. Actual flush: 722 gal.
2/7/03	5534'-5580'	Frac UpLODC sands as follows: 74,500# 20/40 sand in 550 bbls YF 125 fluid. Treated @ avg. pressure of 3725 psi w/avg. rate of 17.8 BPM. ISIP - 1798 psi. Calc flush: 1424 gal. Actual flush: 1277 gal.
2/8/03	5206'-5367'	Frac B1, B2 and UpA1 sands as follows: 65,500# 20/40 sand in 474 bbls YF 125 fluid. Treated @ avg. pressure of 3512 psi w/avg. rate of 17.3 BPM. ISIP - 2189 psi. Calc flush: 1348 gal. Actual flush: 1132 gal.
2/8/03	5037'-5096'	Frac D3 and C sands as follows: 22,468# 20/40 sand in 204 bbls YF 125 fluid. Treated @ avg. pressure of 3351 psi w/avg. rate of 17.9 BPM.
5/8/03		Pump Change. Update rod and tubing detail.
10/12/05		Pump Change (Lower EOT)
11/14/05		Pump Change (Lower EOT)
12/08/05		Tubing Leak. Detail tubing and rod update.

PERFORATION RECORD

7/10/90	5609'-5665'	4 JSPF	224 holes
7/10/90	5586'-5605'	4 JSPF	76 holes
7/12/90	5379'-5386'	4 JSPF	28 holes
7/14/90	4473'-4509'	4 JSPF	144 holes
2/4/03	6225'-6228'	4 JSPF	12 holes
2/4/03	6190'-6204'	4 JSPF	56 holes
2/4/03	6177'-6180'	4 JSPF	12 holes
2/4/03	6163'-6168'	4 JSPF	36 holes
2/4/03	6154'-6158'	4 JSPF	36 holes
2/4/03	5983'-5990'	4 JSPF	28 holes
2/4/03	5946'-5950'	4 JSPF	48 holes
2/4/03	5932'-5940'	4 JSPF	48 holes
2/4/03	5850'-5852'	4 JSPF	8 holes
2/4/03	5701'-5709'	4 JSPF	32 holes
2/4/03	5566'-5580'	4 JSPF	76 holes
2/4/03	5556'-5561'	4 JSPF	76 holes
2/4/03	5544'-5550'	4 JSPF	36 holes
2/4/03	5534'-5537'	4 JSPF	36 holes
2/4/03	5357'-5367'	4 JSPF	52 holes
2/4/03	5346'-5349'	4 JSPF	52 holes
2/4/03	5244'-5254'	4 JSPF	56 holes
2/4/03	5206'-5210'	4 JSPF	56 holes
2/4/03	5091'-5096'	4 JSPF	20 holes
2/4/03	5051'-5057'	4 JSPF	36 holes
2/4/03	5037'-5040'	4 JSPF	36 holes



Federal #33-33B
1857 FSL & 1883 FEL
NWSE Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-31268; Lease #U-49092

Federal #24-33B-8-16

Spud Date: 8-15-88
 Put on Production: 10-9-88
 GL: 5715' KB: 5730'

Initial Production: 37 BOPD, 0 MCFD
 0 BWPD

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: L-80, N-80
 WEIGHT: 47#, 53.5#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 310'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 skx Class "G" cmt, est ? bbls to surface

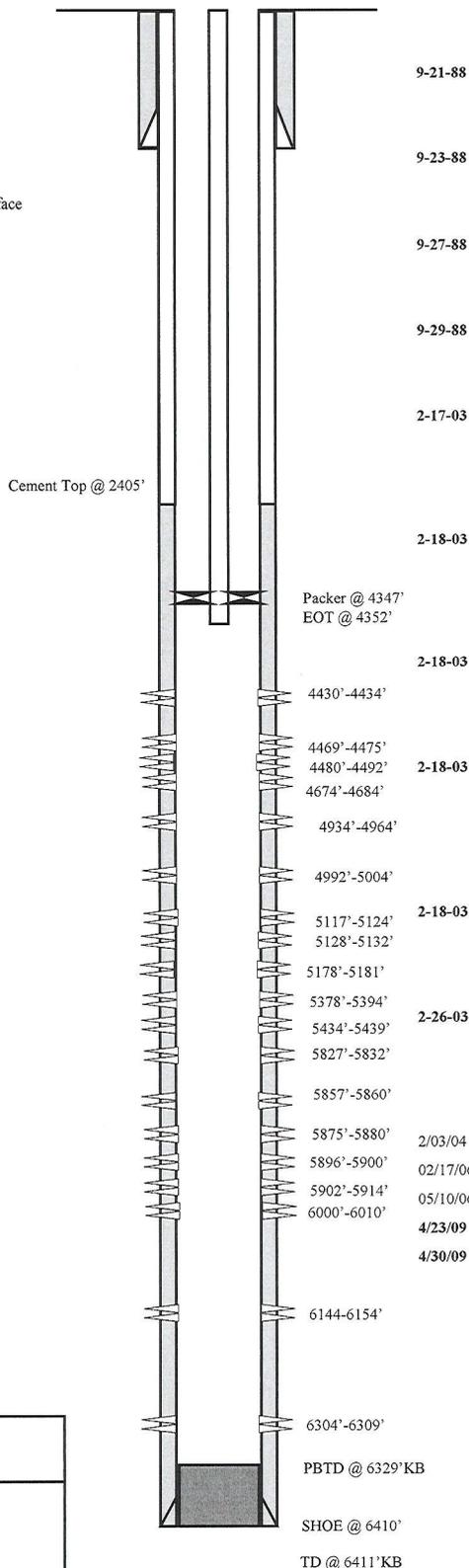
PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
 LENGTH: 5564'
 CSG SIZE: 5-1/2" / 17# / N-80
 LENGTH: 5564' - 6410'
 SET AT: 6410'KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
 CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 138 jts (4328.07') KB
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 4343.07' KB
 TOTAL STRING LENGTH: EOT @ 4351.57' KB

Injection Wellbore Diagram



FRAC JOB

9-17-88	6304'-6309'	60,000# 20/40 sand in 642 bbl frac fluid. Avg. treating press. 3300 psi @ 36 BPM. ISIP 2000 psi. Calc. flush: 6304 gal. Actual flush 294 gal. Screened out.
9-21-88	6144'-6154'	50,000# 20/40 sand in 692 bbl frac fluid. Avg. treating press. 2400 psi @ 35 BPM. ISIP 2000 psi. Calc. flush: 6144 gal. Actual flush 5964 gal.
9-23-88	5896'-5914'	66,500# 20/40 sand in 590 bbl frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP 3800 psi. Calc. flush: 5896 gal. Actual flush 5544 gal.
9-27-88	5378'-5394'	38,500# 20/40 sand + 28,000# 16/30 sand in 786 bbls. frac fluid. Avg. treating press. 1900 psi @ 36 BPM. ISIP-1600 psi. Calc. flush: 5378 gal. Actual flush 5208 gal.
9-29-88	4934'-5004'	192,000# 20/40 sand in 1649 bbls. frac fluid. Avg. treating press. 2000 psi @ 50 BPM. ISIP-1800 psi. Calc. flush: 4934 gal. Actual flush 4788 gal.
2-17-03	6000'-6010'	Frac CP3 sands as follows: 22,894# 20/40 sand in 220 bbls. YF 125 fluid. Treated @ avg. pressure of 4580 psi w/avg. rate of 15.2 BPM. ISIP-1933 psi. Calc. flush: 1499 gal. Actual flush: 1444 gal.
2-18-03	5827'-5880'	Frac CP.5 and CP1 sands as follows: 50,132# 20/40 sand in 436 bbls. YF 125 fluid. Treated @ avg. pressure of 4007 psi w/avg. rate of 16.5 BPM. ISIP-2650 psi. Calc. flush: 1470 gal. Actual flush: 1405 gal.
2-18-03	5434'-5439'	Frac A3 sands as follows: 6,942# 20/40 sand in 115 bbls. YF 125 fluid. Treated @ avg. pressure of 4557 psi w/avg. rate of 15.4 BPM. ISIP-N/A. Frac communicated to upper perms.
2-18-03	5378'-5439'	Frac existing A2 and new A3 sands as follows: 14,438# 20/40 sand in 153 bbls. YF 125 fluid. Treated @ avg. pressure of 3277 psi w/avg. rate of 15.6 BPM. ISIP-1878 psi. Calc. flush: 1413 gal. Actual flush: 1302 gal.
2-18-03	5117'-5181'	Frac B.5 and C sands as follows: 27,895# 20/40 sand in 252 bbls. YF 125 fluid. Treated @ avg. pressure of 3075 psi w/avg. rate of 16 BPM. ISIP-NA. Tubing rupture.
2-26-03	4430'-4684'	Frac GB and PB sands as follows: 60,274# 20/40 sand in 661 bbls. YF 125 fluid. Treated @ avg. pressure of 1959 psi w/avg. rate of 22.5 BPM. ISIP-2150 psi. Calc. flush: 4430 gal. Actual flush: 4206 gal.
		Pump change.
		Pump Change. Update rod and tubing detail
		Pump Change. Update rod and tubing leak.
		Well converted to an injection well.
		MIT completed and submitted.

PERFORATION RECORD

9-15-88	6304'-6309'	4 JSPF	20 holes
9-20-88	6144'-6154'	4 JSPF	40 holes
9-22-88	5896'-5900'	4 JSPF	16 holes
9-22-88	5902'-5914'	4 JSPF	48 holes
9-24-88	5378'-5394'	4 JSPF	64 holes
9-28-88	4992'-5004'	4 JSPF	48 holes
9-28-88	4934'-4964'	4 JSPF	120 holes
2-17-03	6000'-6010'	4 JSPF	40 holes
2-17-03	5875'-5880'	4 JSPF	20 holes
2-17-03	5857'-5860'	4 JSPF	12 holes
2-17-03	5827'-5832'	4 JSPF	20 holes
2-17-03	5434'-5439'	4 JSPF	20 holes
2-17-03	5178'-5181'	4 JSPF	12 holes
2-17-03	5128'-5132'	4 JSPF	16 holes
2-17-03	5117'-5124'	4 JSPF	28 holes
2-17-03	4674'-4684'	4 JSPF	40 holes
2-17-03	4480'-4492'	4 JSPF	48 holes
2-17-03	4469'-4475'	4 JSPF	24 holes
2-17-03	4430'-4434'	4 JSPF	16 holes

CR 4/30/09

NEWFIELD



Federal #24-33B-8-16
 2103 FWL & 330 FSL
 SE/SW Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31214; Lease #UTU-49092

Federal #34-33B

Spud Date: 8-15-88
 Put on Production: 10-9-88
 GL: 5715' KB: 5730'

Initial Production: 580 BOPD,
 0 MCFPD, 249 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: L-80, N-80
 WEIGHT: 47#, 53.5#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 310'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 skx Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2" / 17# / K-55
 LENGTH: 5564'
 CSG SIZE: 5-1/2" / 17# / N-80
 LENGTH: 5564' - 6410'
 SET AT: 6410' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 125 sks Hi-Lift & 500 Class "G" cement.
 CEMENT TOP AT: 2405'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 194 jts (6084.95') KB
 TUBING ANCHOR: 6099.95' KB
 NO. OF JOINTS: 1 jt (31.37') KB
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 6134.07' KB
 NO. OF JOINTS: 1 jt (31.85') KB
 TOTAL STRING LENGTH: EOT @ 6167.42' KB

SUCKER RODS

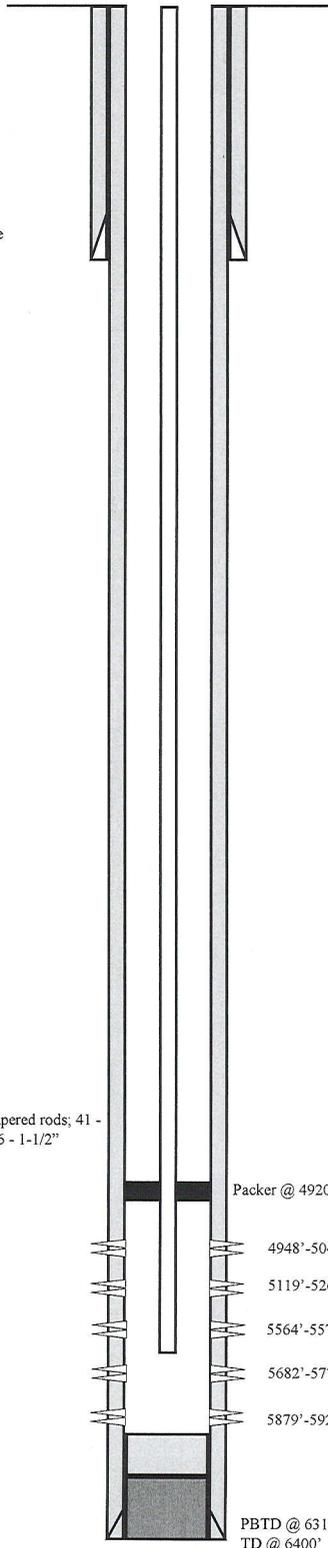
POLISHED ROD: 1-1/2"x22'
 SUCKER RODS: 1-2', 1-4', 2-8' x 7/8" pony rods; 68 - 7/8" scraped rods; 41 - 7/8" mixed rods; 118 - 3/4" plain rods; 10 - 3/4" scraped rods; 6 - 1-1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
 STROKE LENGTH: 82"
 PUMP SPEED, SPM: 7 SPM

FRAC JOB

5879'-5925'	50,000# 20/40 sand 45,000 # 16/30 sand, 41,300 gal gel
5682'-5773'	30,600# 20/40 sand 46,400# 16/30 sand, 824 bbls fluid
5564'-5578'	30,100# 20/40 sand 39,800# 16/30 sand, 668 bbls fluid
5119'-5266'	31,000# 20/40 sand 40,900# 16/30 sand, 729 bbls fluid
4948'-5049'	65,100# 20/40 sand 46,100# 16/30 sand

PERFORATION RECORD

5879'-5925'	4 JSPF	? holes
5682'-5773'	4 JSPF	? holes
5564'-5578'	4 JSPF	? holes
5119'-5266'	4 JSPF	? holes
4948'-5049'	4 JSPF	? holes



Federal #34-33B
 614 FSL 1885 FEL
 SWSE Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31269; Lease #U-49092

Federal #31-4G-9-16

Spud Date: 4-27-89
 Put on Production: 6-7-89
 GL: 5713' KB: 5729'

Initial Production: 102 BOPD, 0 MCFD
 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 8 JTS
 DEPTH LANDED: 300'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 165 sks Class "G" cmt, est 8 bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17#
 LENGTH: 132 jts
 SET AT: 6475'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sks Hi-Lift & 850 sks Class "G"
 CEMENT TOP AT: 2300'

TUBING

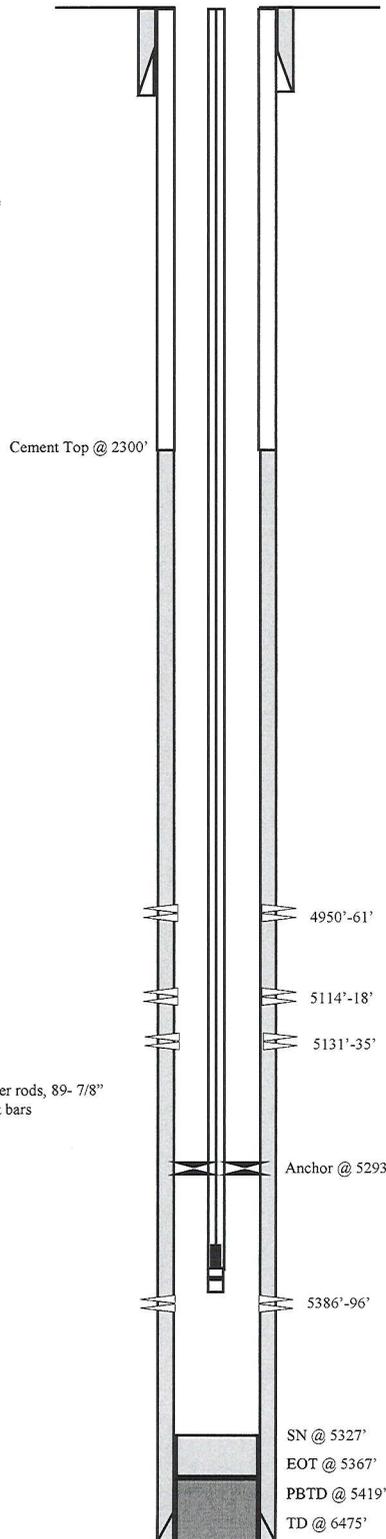
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 166 jts (5280.59')
 TUBING ANCHOR: 5292.59' KB
 NO. OF JOINTS: 1 jt (31.66)
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 5327.05' KB
 NO. OF JOINTS: 1 perf sub (38.75')
 NO. OF JOINTS: 1 jt
 TOTAL STRING LENGTH: EOT @ 5367.35' KB

SUCKER RODS

POLISHED ROD: 1-1/2"x22'
 SUCKER RODS: 2- 8', 1- 2' x 7/8" pony rods; 18- 7/8" scraper rods, 89- 7/8" plain rods; 64- 3/4" plain rods, 36- 3/4" guided rods; 5- 1 1/2" wt bars
 PUMP SIZE: 2-1/2"x1-1/2"x12"x16' RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6
 LOGS: DIL, SFL, SP, GR, FDC, CNL, GR, Cal., CBL, GR

FRAC JOB

5-18-89	5386'-5396'	38,500# 20/40 sand, 41,050# 016/30 sand, and 810 bbls. Avg TP 1700 psi w/avg rate of 35 BPM. ISIP-1800 psi.
5-23-89	4950'-4961'	49,000# 20/40 sand, 50,800# 16/30 sand, and 1002 bbls. Avg TP 2000 psi w/avg rate of 43 BPM. ISIP - 1900 psi.
3-05-98	5114'-5135'	118,300# 20/40 sd in 482 bbls Delta Frac. Treated @ ave sfc press of 6850 psi w/ave rate of 27.3 bpm. ISIP: 1765 psi. Calc flush: 1303 gal. Actual flush: 1259 gal.
04/19/07	Parted Rods	Updated rod & tubing details.



PERFORATION RECORD

5-17-89	5386'-5396'	4 JSPF	40 holes
5-20-89	4950'-4961'	4 JSPF	44 holes
3-04-98	5114'-5118'	4 JSPF	16 holes
3-04-98	5131'-5135'	4 JSPF	16 holes

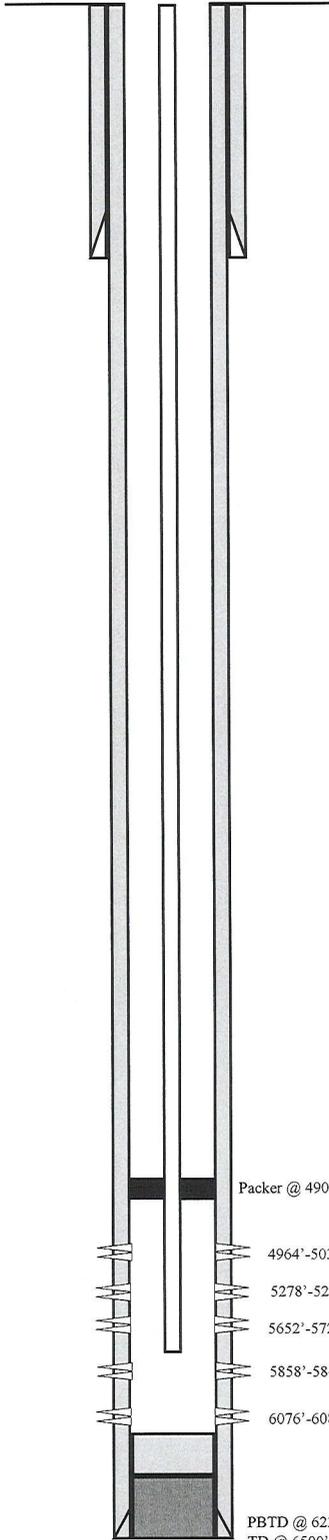


Federal #31-4G-9-16
 500 FNL & 1900 FEL
 NWNE Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31228; Lease #U-30096

Federal #14-34B

Initial Production: 182 BOPD,
320 MCFPD, 21 BWPD

Injection Diagram



FRAC JOB

6076'-6088'	500 gal acid, could not frac
5858'-5868'	49,000# 20/40 sand, 50,800# 16/30 sand, 1024 bbl gel water
5652'-5726'	72,000# 20/40, 60,000# 16/30 sand 1496 bbl gel water
5278'-5286'	500 gal 1/2% HCl - frac w/33,000# 20/40 sand, 39,500# 16/30 sand 781 bbl gel water
4964'-5038'	74,000# 20/40 sand, 73,000# 16/30 sand 1603 bbls gel water

PERFORATION RECORD

6076'-6088'	4 JSPF	48 holes
5858'-5868'	4 JSPF	40 holes
5652'-5726'	4 JSPF	296 holes
5278'-5286'	4 JSPF	32 holes
4964'-5038'	4 JSPF	296 holes



Federal #14-34B
660 FSL 660 FWL
SWSW Section 34-T8S-R16E
Duchesne Co, Utah
API #43-013-31225; Lease #U-47171

Spud Date: 5/29/1990
 Put on Production: 8/26/1990
 GL: 5670' KB: 5685'

Federal 13-34B-8-16

Initial Production: 590 BOPD,
 NA MCFPD, 197 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 307' GL
 DEPTH LANDED: 307'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 210 sxs cmt class G

PRODUCTION CASING

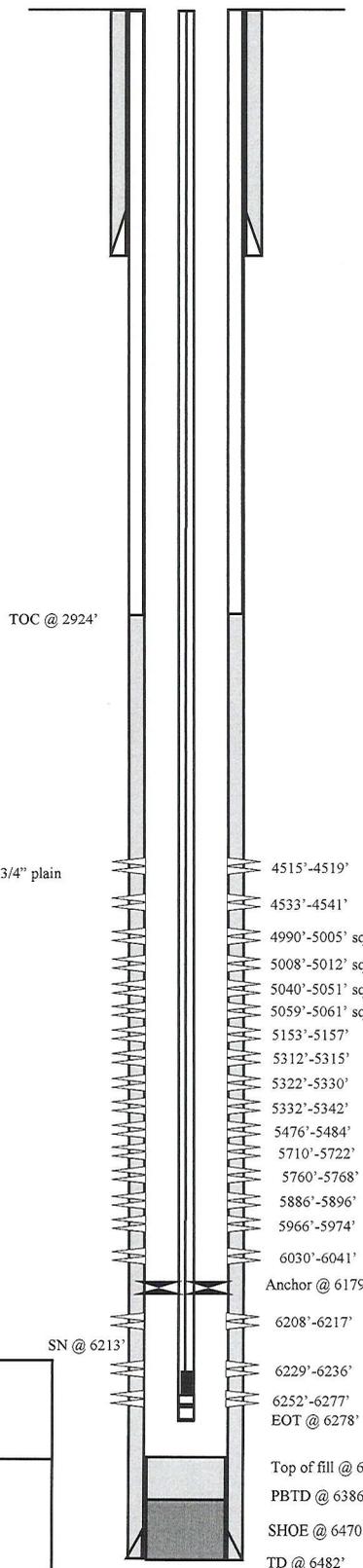
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 6470'
 DEPTH LANDED: 6470'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 165 sks HI LIFT, 530 sks 10-0 RFC
 CEMENT TOP AT: @ 2924' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 198 jts (6163.70')
 TUBING ANCHOR: 6178.70' KB
 NO. OF JOINTS: 1 jt (31.52')
 SEATING NIPPLE: (1.10')
 SN LANDED AT: 6213.02' KB
 NO. OF JOINTS: 2 jts (63.34')
 TOTAL STRING LENGTH: EOT @ 6277.91' w/15' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rods
 SUCKER RODS: 6-1 5/8" wt. rods, 32 - 3/4" scraped rods, 116 - 3/4" plain rods, 93 - 7/8" scraped rods, 1-8" x 7/8" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC pump
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 6 SPM



FRAC JOB

Date	Interval	Description
7/26/90	5886'-5896'	Frac zone as follows: 18,100# 20/40 & 29,400# 16/30 sand in 547 bbl gel water. Avg. treating press. 1550 psi, @ 30 BPM, ISIP 3800 psi. Calc. flush: 5886 gal. Actual flush: 5270 gal.
7/28/90	5710'-5768'	Frac zone as follows: 39,400# 20/40 sand, 50,500# 16/30 sand in 956 bbl gel water. Avg. treating press. 3000 psi, @ 41 BPM, ISIP 3600 psi. Calc. flush: 5710 gal. Actual flush: 5600 gal.
7/31/90	5476'-5484'	Frac zone as follows: 18,100# 20/40, 26,000# 16/30 sand in 534 bbl gel water. Avg. treating press. 2550 psi, @ 30 BPM, ISIP 2630 psi. Calc. flush: 5476 gal. Actual flush: 4780 gal.
8/2/90	5312'-5342'	Frac zone as follows: 42,400# 20/40 sand, 51,800# 16/30 sand in 1041 bbl gel water. Avg. treating press. 2700 psi, @ 47 BPM, ISIP 2700 psi.
8/4/90	4990'-5061'	Frac zone as follows: 74,100# 20/40 sand, 99,000# 16/30 sand in 1750 bbls gel water. Avg. treating press. 1900 psi, @ 57 BPM, ISIP 1900 psi.
10/28/98		Isolate lower zones w/ CIBP @ 5430'
1/07/99		Drill out CIBP @ 5430'. Isolate upper zones 4990'-5061' w/ casing sleeve.
3/16/02		Remove casing sleeve. Isolate upper zones 4990'-5012' w/ packer.
4/05/02		Isolate upper zones 4990'-5051' w/ packer.
1/27/03	5886'-6277'	Frac CP and BS sands (and frac 5886 - 5896' LODC sands) as follows: 119,179# 20/40 sand in 874 bbls Viking I-25 fluid. Treated @ avg. pressure of 3786 psi w/ avg. rate of 19.2 BPM. ISIP - 2235 psi. Calc. flush: 1457 gals. Actual flush: 1407 gals.
1/27/03	5153'-5157'	Frac C sands as follows: 10,777# 20/40 sand in 122 bbls Viking I-25 fluid. W/ sand on perms pressure increased rapidly. Est. 5,690# sand in formation and left est. 5,087# sand in tubing. Screened out.
1/28/03	4515'-4541'	Frac GB6 sands as follows: 47,866# 20/40 sand in 383 bbls Viking I-25 fluid. Treated @ avg. pressure of 2154 psi w/ avg. rate of 26.1 BPM. ISIP - 2340 psi. Calc. flush: 4515 gals. Actual flush: 4326 gals.
6/4/03	5040'-5051' sqzd	Parted rod and tubing leak. Update tubing and rod details.
6/12/03	5153'-5157'	Parted rods. Update rod detail.
4/21/04	5322'-5330'	Pump change. Update rod detail.
3-11-05	5332'-5342'	Pump change.
08/06/05	5476'-5484'	Parted Rods
09/07/05	5760'-5768'	Pump Change. Update Rod and tubing details.
8-15-08	5886'-5896'	Pump change. Updated rod & tubing details.
8/20/09	5966'-5974'	Pump Maintenance. Updated rod & tubing details.

PERFORATION RECORD

Date	Interval	Tool	Holes	Notes
7/24/90	5886'-5896'	4 JSPF	40 holes	
7/26/90	5760'-5768'	4 JSPF	32 holes	
7/26/90	5710'-5722'	4 JSPF	48 holes	
7/28/90	5476'-5484'	4 JSPF	32 holes	
7/31/90	5332'-5342'	4 JSPF	40 holes	
7/31/90	5322'-5330'	4 JSPF	32 holes	
7/31/90	5312'-5315'	4 JSPF	12 holes	
8/02/90	5059'-5061'	4 JSPF	8 holes	
8/02/90	5040'-5051'	4 JSPF	44 holes	
8/02/90	5008'-5012'	4 JSPF	16 holes	
8/02/90	4990'-5005'	4 JSPF	60 holes	
1/24/03	6252'-6277'	4 JSPF	100 holes	
1/24/03	6229'-6236'	4 JSPF	28 holes	
1/24/03	6208'-6217'	4 JSPF	36 holes	
1/24/03	6030'-6041'	4 JSPF	44 holes	
1/24/03	5966'-5974'	4 JSPF	32 holes	
1/24/03	5153'-5157'	4 JSPF	16 holes	
1/24/03	4533'-4541'	4 JSPF	32 holes	
1/24/03	4515'-4519'	4 JSPF	16 holes	DF 10/13/09



Federal 13-34B-8-16
 1997 FSL & 660 FWL
 NW/SW Section 34-T&S-R16E
 Duchesne Co, Utah
 API #43-013-31271; Lease #UTU-47171

Travis Fed. #8-33-8-16

Spud Date: 1/9/1996
 Put on Production: 2/4/1996
 GL: 5594' KB: 5607'

Initial Production: 137 BOPD,
 165 MCFD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 302'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 170 sxs Type V + 100 sxs Neat

PRODUCTION CASING

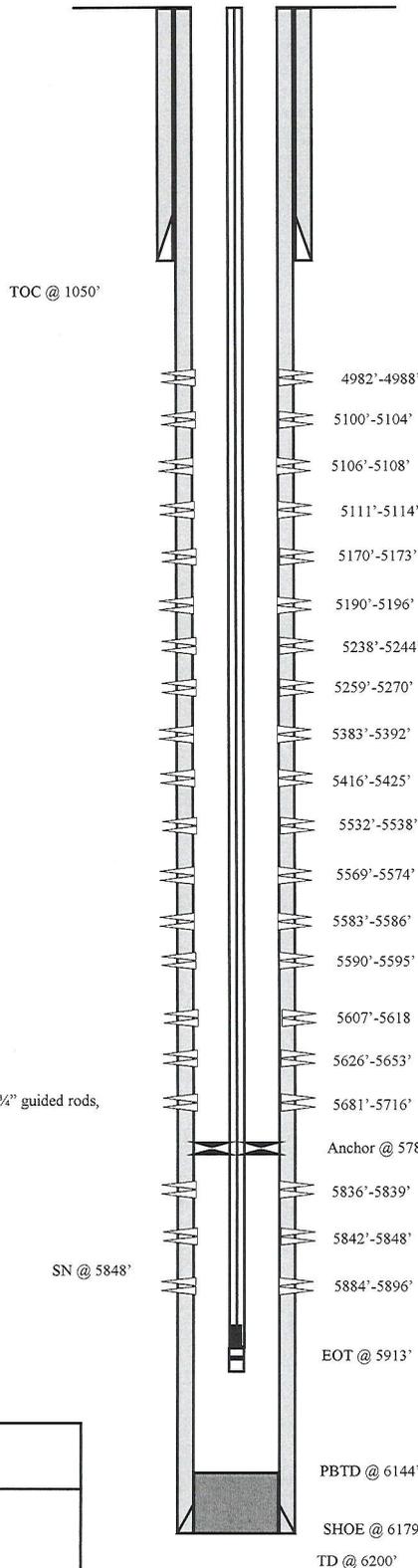
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 6179'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 260 sxs Hifill & 320 sxs Thixotropic.
 CEMENT TOP AT: 1050'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 184 jts (5783.7')
 TUBING ANCHOR: 5783.7'
 NO. OF JOINTS: 2 jts (61.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: (5848.3')
 NO. OF JOINTS: 2 jts (63')
 TOTAL STRING LENGTH: EOT @ 5913'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2' x 3/4" pony rod, 1-4' x 3/4" pony rod, 94- 3/4" guided rods, 62- 3/4" sucker rods, 71- 3/4" guided rods, 6- 1 1/2" sinker bars
 PUMP SIZE: 2 1/2" x 1 1/2" x 12' x 16" RHAC
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

1/26/96	5884'-5896'	Frac CP sand as follows: 69,900# 20/40 sand in 558 bbls fluid. Treated @ avg press of 1600 psi w/avg rate of 26 BPM. ISIP 2009 psi. Calc flush: 5884 gal, Actual flush: 5806 gal.
1/29/96	5569'-5653'	Frac LODC sand as follows: 144,900# 20/40 sand in 970 bbls fluid. Treated @ avg press of 2800 psi w/avg rate of 37 BPM. ISIP 2921 psi. Calc flush: 5569 gal, Actual flush: 5493 gal.
1/31/96	5383'-5425'	Frac A sand as follows: 77,200# 20/40 sand in 585 bbls fluid. Treated @ avg press of 2290 psi w/avg rate of 32 BPM. ISIP 2412 psi. Calc flush: 5383 gal, Actual flush: 5284 gal.
2/01/96	5238'-5270'	Frac B sand as follows: 64,200# 20/40 sand in 494 bbls fluid. Treated @ avg press of 2130 psi w/avg rate of 20.7 BPM. ISIP 2130 psi. Calc flush: 5238 gal, Actual flush: 5174 gal.
6/07/02	5836'-5848'	Frac CP 0.5 sand as follows: 18,500# 20/40 sand in 163 bbls fluid. Treated @ avg press of 3625 psi w/avg rate of 15.9 BPM. ISIP 2180 psi. Calc flush: 1473 gal, Actual flush: 1386 gal.
6/07/02	5681'-5716'	Frac LODC sand as follows: 60,000# 20/40 sand in 390 bbls fluid. Treated @ avg press of 3700 psi w/avg rate of 11.2 BPM. ISIP 3670 psi. Calc flush: 1384 gal, Actual flush: 1302 gal.
6/07/02	5532'-5653'	Frac LODC sand as follows: 134,420# 20/40 sand in 820 bbls fluid. Treated @ avg press of 5250 psi w/avg rate of 19.7 BPM. ISIP 3650 psi. Calc flush: 1394 gal, Actual flush: 1302 gal.
6/08/02	5100'-5196'	Frac C sands as follows: 54,200# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2250 psi w/avg rate of 26.5 BPM. ISIP 2600 psi. Calc flush: 5100 gal, Actual flush: 4998 gal.
6/08/02	4982'-4988'	Frac D sand as follows: 34,220# 20/40 sand in 221 bbls fluid. Treated @ avg press of 2050 psi w/avg rate of 24.1 BPM. ISIP 2250 psi. Calc flush: 4982 gal, Actual flush: 4918 gal.
10-19-07		Tubing Leak. Updated rod & tubing details.
11/14/03		Parted rods update:
1/29/2010		Pump Changed. Updated rod and tubing detail.

PERFORATION RECORD

1/26/96	5884'-5896'	4 JSPF	48 holes
1/27/96	5626'-5653'	4 JSPF	108 holes
1/27/96	5607'-5618	4 JSPF	44 holes
1/27/96	5590'-5595'	4 JSPF	20 holes
1/27/96	5583'-5586'	4 JSPF	12 holes
1/27/96	5569'-5574'	4 JSPF	20 holes
1/31/96	5416'-5425'	4 JSPF	36 holes
1/31/96	5383'-5392'	4 JSPF	36 holes
2/01/96	5259'-5270'	4 JSPF	44 holes
2/01/96	5238'-5244'	4 JSPF	24 holes
6/06/02	5842'-5848'	4 JSPF	24 holes
6/06/02	5836'-5839'	4 JSPF	12 holes
6/06/02	5681'-5716'	2 JSPF	70 holes
6/06/02	5532'-5538'	4 JSPF	24 holes
6/08/02	5190'-5196'	4 JSPF	24 holes
6/08/02	5170'-5173'	4 JSPF	12 holes
6/08/02	5111'-5114'	4 JSPF	12 holes
6/08/02	5106'-5108'	4 JSPF	08 holes
6/08/02	5100'-5104'	4 JSPF	16 holes
6/08/02	4982'-4988'	4 JSPF	24 holes



Travis Federal #8-33-8-16

2073' FNL & 623' FEL
 SENE Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31503; Lease #U-34173

South Wells Draw B-4-9-16

Spud Date: 5-27-09
 Put on Production: 6-26-09
 GL: 5691' KB: 5703'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 274.49'
 DEPTH LANDED: 320.79'
 HOLE SIZE: 12- 1/4"
 CEMENT DATA: 160 sxs Class "G" cmt + 2% cal chloride

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 6382.48'
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6415'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 14'

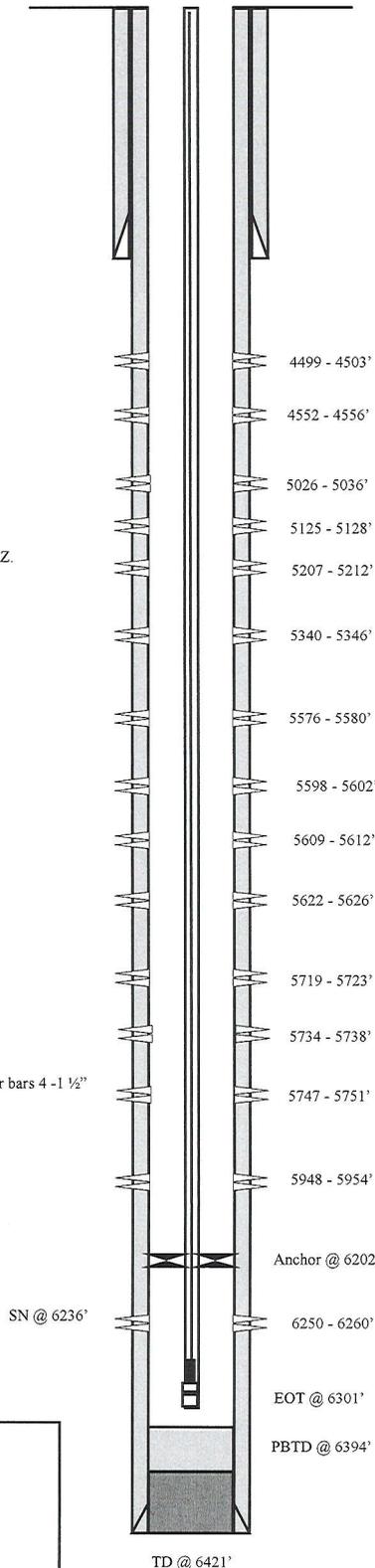
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 197 jts (6190')
 TUBING ANCHOR: 6202'
 NO. OF JOINTS: 1 jts (31.8')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6236' KB
 NO. OF JOINTS: 2 jts (63.7')
 TOTAL STRING LENGTH: EOT @ 6301'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: pony rods 4 - 7/8", guided rod 244 - 7/8", sinker bars 4 - 1 1/2"
 PUMP SIZE: 2 1/2" x 1 3/4" x 24" RHAC pump
 PUMP SPEED, SPM 4

Wellbore Diagram



FRAC JOB

Date	Interval	Description
6-26-09	6250 - 6260'	Frac CP5 sands as follows: Frac with 65818# 20/40 sand in 395 bbls Lightning 17 fluid.
6-26-09	5948 - 5954'	Frac CP.5 sands as follows: Frac with 16128# 20/40 sand in 128 bbls Lightning 17 fluid.
6-26-09	5719 - 5751'	Frac LODOC sands as follows: Frac with 113694# 20/40 sand in 653 bbls Lightning 17 fluid.
6-26-09	5622 - 5580'	Frac LODOC sands as follows: Frac with 111498# 20/40 sand in 648 bbls Lightning 17 fluid.
6-26-09	5340 - 5346'	Frac B2 sands as follows: Frac with 35758# 20/40 sand in 227 bbls Lightning 17 fluid.
6-26-09	5125 - 5212'	Frac D3 & C sands as follows: Frac with 30316# 20/40 sand in 246 bbls Lightning 17 fluid.
6-26-09	5026 - 5036'	Frac D1 sands as follows: Frac with 60664# 20/40 sand in 253 bbls Lightning 17 fluid.
6-26-09	4499 - 4556'	Frac GB4 & GB6 sands as follows: Frac with 81580# 20/40 sand in 440 bbls Lightning 17 fluid.

PERFORATION RECORD

Interval	ISPF	Holes
6250 - 6260'	3 ISPF	30 holes
5948 - 5954'	3 ISPF	18 holes
5747 - 5751'	3 ISPF	12 holes
5734 - 5738'	3 ISPF	12 holes
5719 - 5723'	3 ISPF	12 holes
5622 - 5626'	3 ISPF	12 holes
5609 - 5612'	3 ISPF	9 holes
5598 - 5602'	3 ISPF	12 holes
5576 - 5580'	3 ISPF	12 holes
5340 - 5346'	3 ISPF	18 holes
5207 - 5212'	3 ISPF	15 holes
5125 - 5128'	3 ISPF	9 holes
5026 - 5036'	3 ISPF	30 holes
4552 - 4556'	3 ISPF	12 holes
4499 - 4503'	3 ISPF	12 holes



South Wells Draw B-4-9-16

Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-34154; Lease #UTU-30096

South Wells Draw #4-3

Spud Date: 11/07/99
 Put on Production: 12/07/99
 GL: 5654' KB: 5667'

Initial Production: 56 BOPD, 53 MCFD
 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (328.29')
 DEPTH LANDED: 325.99'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sx Class "G" plus additives; followed by 100 sx Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 and N-80
 WEIGHT: 15.5# and 17#
 LENGTH: 142 jts (5939.10')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 285 sxs PremLite II; followed by 391 sx 50/50 Pozmix plus additives.
 SET AT: 5934.80'

TUBING

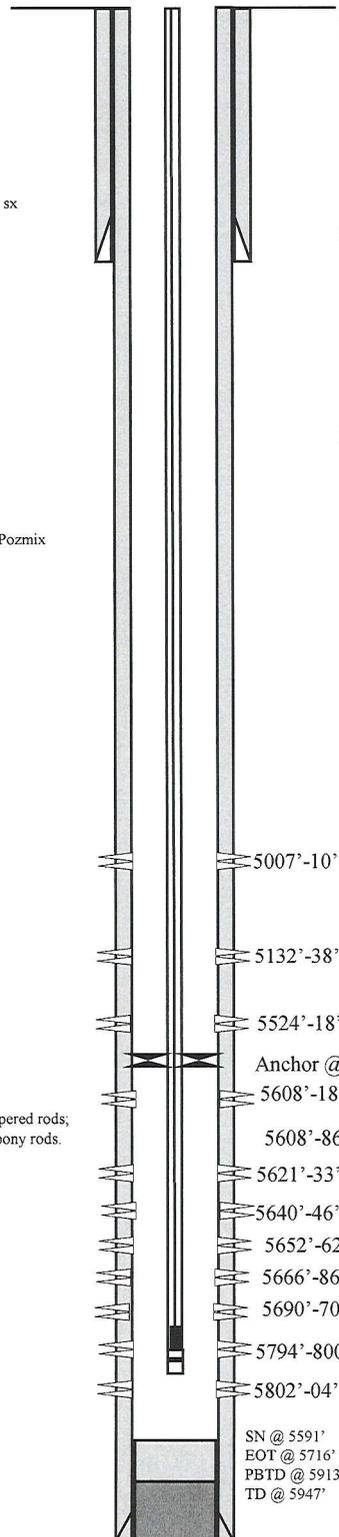
SIZE/GRADE/WT: 2-7/8", 6.5#, M-50
 NO. OF JOINTS: 182 jts
 TUBING ANCHOR: 5557'
 SEATING NIPPLE: 2-3/8" x 1.10"
 TOTAL STRING LENGTH: 5715.07'
 SN LANDED AT: 5591'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 4 1" scraped rods; 5 7/8" plain rods; 6 3/4" scraped rods; 114 3/4" plain rods; 93 3/4" scraped rods; 1-8", 1-6", 1-2" x 3/4" pony rods.
 PUMP SIZE: 2-1/2"x1-1/2"x16" RHAC pump with 10.5' diptube
 STROKE LENGTH: 74"
 PUMP SPEED: 6 SPM
 LOGS: DIGL/SP/GR/CAL DSN/SDL/GR

FRAC JOB

- 11-30-99 5794'-5804' Frac CP sand as follows:**
 52,187# 20/40 sand in 370 bbls Viking fluid. Breakdown @ 2736 psi. Treated w/avg press of 1730 psi w/avg rate of 25.9 BPM. ISIP-2190 psi, 5 min 2130 psi. Left pressure on well.
- 11-30-99 5608'-5700' Frac LDC sand as follows:**
 124,100# 20/40 sand in 637 bbls Viking fluid. Perfs broke down @ 3611 psi. Treated w/avg press of 2000 psi w/avg rate of 35.8 BPM. ISIP-2770 psi, 5 min 2620 psi. Left pressure on well.
- 11-30-99 5007'-5218' Frac D/Bi-Carb/B sand as follows:**
 Unable to break down perfs. 105,750# 20/40 sand in 692 bbls Viking fluid. Perfs broke down @ 4400 psi. Treated w/avg press of 2415 psi w/avg rate of 34.7 BPM. ISIP-2280 psi, 5 min 2135 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 165 BTF.



PERFORATION RECORD

Date	Depth Range	Tool	Holes
11-30-99	5794'-5800'	4 JSPF	24 holes
11-30-99	5802'-5804'	4 JSPF	8 holes
11-30-99	5608'-5618'	2 JSPF	20 holes
11-30-99	5621'-5633'	2 JSPF	24 holes
11-30-99	5640'-5646'	2 JSPF	12 holes
11-30-99	5652'-5662'	2 JSPF	20 holes
11-30-99	5666'-5686'	2 JSPF	40 holes
11-30-99	5690'-5700'	2 JSPF	20 holes
11-30-99	5007'-5010'	4 JSPF	12 holes
11-30-99	5132'-5138'	4 JSPF	24 holes
11-30-99	5214'-5218'	4 JSPF	16 holes

SN @ 5591'
 EOT @ 5716'
 PBD @ 5913'
 TD @ 5947'



South Wells Draw #4-3
 789' FNL and 754' FWL
 NWNW Section 3-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32096 Lease #U-77338

Wells Draw I-4-9-16

Spud Date: 6/13/2009
 Put on Production: 7/22/2009
 GL: 5720' KB: 5732'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (276')
 DEPTH LANDED: 327' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'G' cmt

PRODUCTION CASING

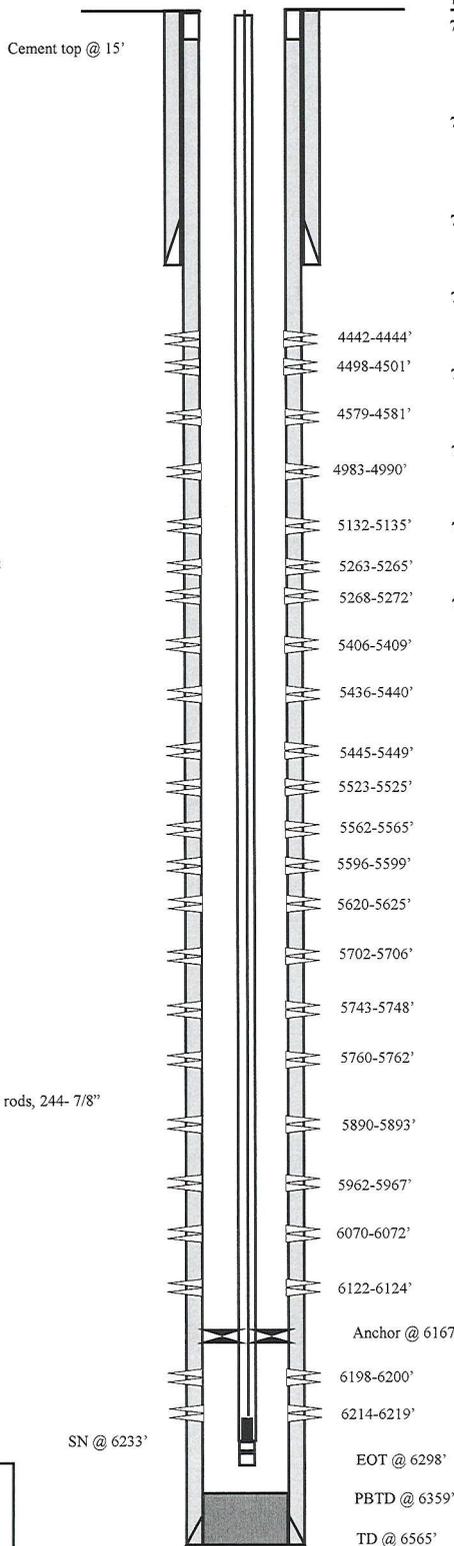
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 165 jts (6409')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6459.89'
 CEMENT DATA: 275 sx Prem. Lite and 400 sx 50/50 poz
 CEMENT TOP AT: 15'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 195 jts (6155')
 TUBING ANCHOR: 6167' KB
 NO. OF JOINTS: 2 jts (63.1')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6233' KB
 NO. OF JOINTS: 2 jts (63.1')
 TOTAL STRING LENGTH: EOT @ 6298'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30' polished rod
 SUCKER RODS 1 - 2' x 7/8"; 1- 4' x 7/8; 1- 6' x 7/8" pony rods, 244- 7/8"
 8per guided rod, 4-1 1/2" weight rods
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC
 STROKE LENGTH: 122"
 PUMP SPEED, SPM:



FRAC JOB

Date	Job ID	Description
7-22-09	6070-6219'	Frac CP4, CP5, & CP 3 sands as follows: Frac with 15,423# 20/40 sand in 93 bbls of Lightning 17 fluid.
7-22-09	5890-5967'	Frac CP.5 & CP1 sands as follows: Frac with 25,100# 20/40 sand in 163 bbls of Lightning 17 fluid.
7-22-09	5702-5762'	Frac LODC sands as follows: Frac with 138,935# 20/40 sand in 589 bbls of Lightning 17 fluid.
7-22-09	5523-5625'	Frac LODC as follows: Frac with 161,209# 20/40 sand in 668 bbls of Lightning 17 fluid.
7-22-09	5406-5449'	Frac A3 & A1 sands as follows: Frac with 56,334# 20/40 sand in 242 bbls of Lightning 17 fluid.
7-22-09	5132-5272'	Frac C & B2 sands as follows: Frac with 30,474# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4983-4990'	Frac D1 sands as follows: Frac with 30,663# 20/40 sand in 174 bbls of Lightning 17 fluid.
7-22-09	4442-4581'	Frac GB4, GB6, & PB7 sands as follows: Frac with 15,633# 20/40 sand in 97 bbls of Lightning 17 fluid.

PERFORATION RECORD

Depth	Tool Joint	Holes
6214-6219'	3 JSPF	15 holes
6198-6200'	3 JSPF	6 holes
6122-6124'	3 JSPF	6 holes
6070-6072'	3 JSPF	6 holes
5962-5967'	3 JSPF	15 holes
5890-5893'	3 JSPF	9 holes
5760-5762'	3 JSPF	6 holes
5743-5748'	3 JSPF	15 holes
5702-5706'	3 JSPF	12 holes
5620-5625'	3 JSPF	15 holes
5596-5599'	3 JSPF	9 holes
5562-5565'	3 JSPF	9 holes
5523-5525'	3 JSPF	6 holes
5445-5449'	3 JSPF	12 holes
5436-5440'	3 JSPF	12 holes
5406-5409'	3 JSPF	9 holes
5268-5272'	3 JSPF	12 holes
5263-5265'	3 JSPF	6 holes
5132-5135'	3 JSPF	9 holes
4983-4990'	3 JSPF	21 holes
4579-4581'	3 JSPF	6 holes
4498-4501'	3 JSPF	9 holes
4442-4444'	3 JSPF	6 holes

NEWFIELD

Wells Draw I-4-9-16

2148' FNL & 535' FEL SE/NE
 Section 4-T9S-R16E
 Duchesne Co, Utah
 API # 43-013-33810; Lease # UTU-30096

Wells Draw 14A-34-8-16

Spud Date: 8/15/2002
Put on Production: 9/17/2002

GL: 5650' KB: 5660'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (306.12')
DEPTH LANDED: 314.12' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 145 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6208.51')
DEPTH LANDED: 6206.11' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 500'

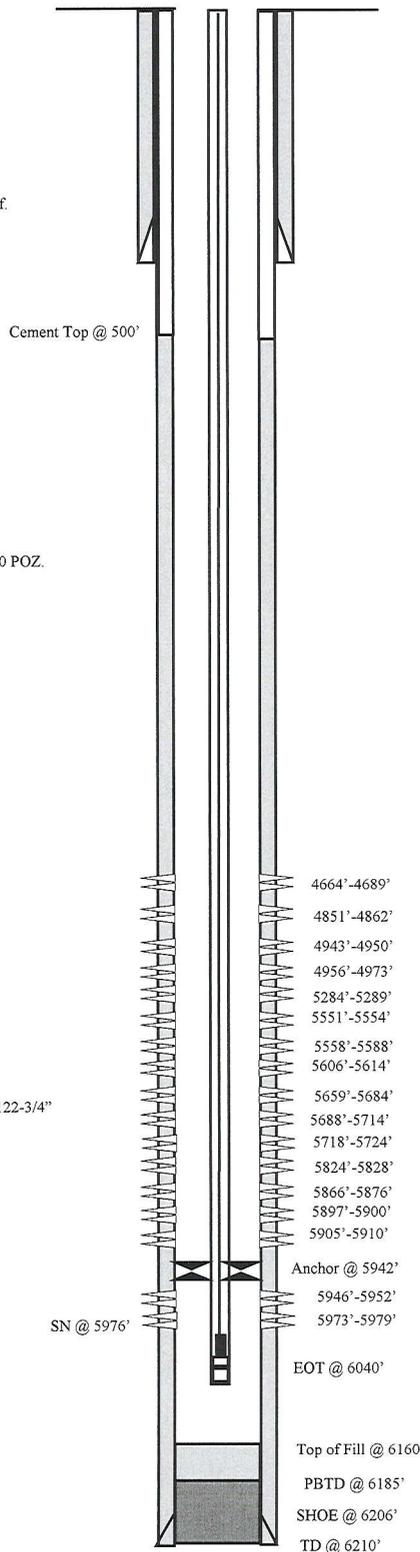
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189 jts (5932')
TUBING ANCHOR: 5942' KB
NO. OF JOINTS: 1 jt (31.42')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5976.22' KB
NO. OF JOINTS: 2 jts (62.85')
TOTAL STRING LENGTH: EOT @ 6040.62' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 122-3/4" plain rods, 100-3/4" scraped rods, 1-8", 1-6" x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-3/4" x 16' RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM: 6 SPM
LOGS: DIGL/SP/GR/CAL

Wellbore Diagram



Initial Production: 18 BOPD,
5.5 MCFD, 74 BWPD

FRAC JOB

9/11/02	5824'-5979'	Frac CP .5, 1, 2, 2, 3, 3 sands as follows: 81,000# 20/40 sand in 618 bbls Viking I-25 fluid. Treated @ avg press of 1869 psi w/avg rate of 26 BPM. ISIP 1880 psi. Calc flush: 5824 gal. Actual flush: 5775 gal.
9/11/02	5551'-5724'	Frac LODC sands as follows: 249,000# 20/40 sand in 1631 bbls Viking I-25 fluid. Treated @ avg press of 2235 psi w/avg rate of 24.7 BPM. ISIP 2110 psi. Calc flush: 5551 gal. Actual flush: 5502 gal.
9/11/02	5284'-5289'	Frac B2 sands as follows: 20,836# 20/40 sand in 264 bbls Viking I-25 fluid. Treated @ avg press of 2345 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc flush: 5284 gal. Actual flush: 5208 gal.
9/12/02	4851'-4973'	Frac D1 and DS2 sands as follows: 144,900# 20/40 sand in 960 bbls Viking I-25 fluid. Treated @ avg press of 1870 psi w/avg rate of 25 BPM. ISIP 2250 psi. Calc flush: 4851 gal. Actual flush: 4767 gal.
9/12/02	4664'-4689'	Frac PB sands as follows: 54,936# 20/40 sand in 433 bbls Viking I-25 fluid. Treated @ avg press of 1658 psi w/avg rate of 25 BPM. ISIP 2140 psi. Calc flush: 4664 gal. Actual flush: 4578 gal.
11/15/03		Pump Change. Update rod details.

PERFORATION RECORD

9/10/02	5973'-5979'	4 JSPF	24 holes
9/10/02	5946'-5952'	4 JSPF	24 holes
9/10/02	5905'-5910'	4 JSPF	20 holes
9/10/02	5897'-5900'	4 JSPF	12 holes
9/10/02	5866'-5876'	4 JSPF	40 holes
9/10/02	5824'-5828'	4 JSPF	16 holes
9/11/02	5718'-5724'	2 JSPF	12 holes
9/11/02	5688'-5714'	2 JSPF	52 holes
9/11/02	5659'-5684'	2 JSPF	50 holes
9/11/02	5606'-5614'	2 JSPF	16 holes
9/11/02	5558'-5588'	2 JSPF	60 holes
9/11/02	5551'-5554'	2 JSPF	6 holes
9/11/02	5284'-5289'	4 JSPF	20 holes
9/12/02	4956'-4973'	4 JSPF	68 holes
9/12/02	4943'-4950'	4 JSPF	28 holes
9/12/02	4851'-4862'	4 JSPF	44 holes
9/12/02	4664'-4689'	2 JSPF	50 holes



Wells Draw Unit 14A-34-8-16

729' FSL & 1963' FWL

SE/SW Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-32330; Lease #UTU-47171

Spud Date: 06/05/09
 Well Flowing: 07/14/09
 Put on Production: 11/21/2009
 GL: 5701' KB: 5713'

Wells Draw P-34-8-16

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 275.89'
 DEPTH LANDED: 328.02'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G+2%" cmt

PRODUCTION CASING

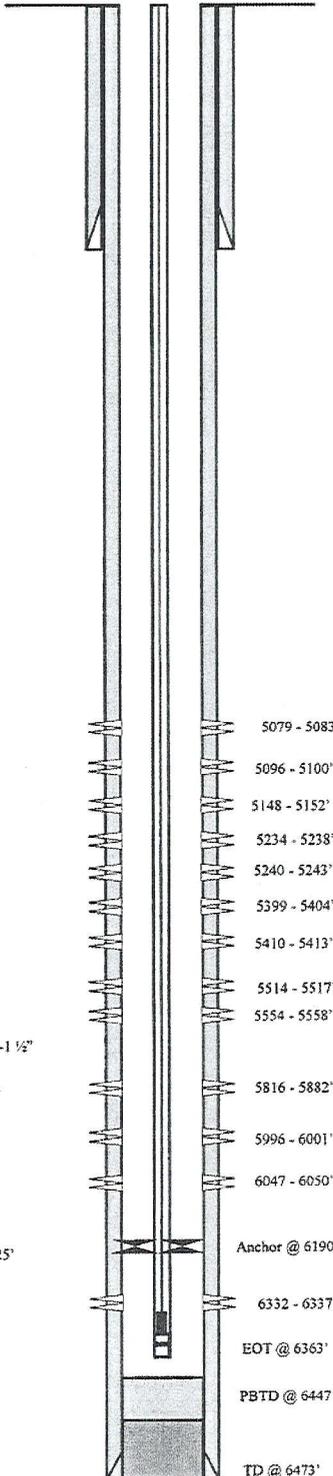
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 6435.13'
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6465.38'
 CEMENT DATA: 275 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 0'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 190 jts (6178.2')
 TUBING ANCHOR: 6190.2'
 NO. OF JOINTS: 1 jts (32.5')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6225.5' KB
 NO. OF JOINTS: 1 jts (32.5')
 GAS ANCHOR: 6259.1'
 NIPPLE: 6264.3'
 NO. OF JOINTS: 3 jts (97.8')
 TOTAL STRING LENGTH: EOT @ 6363'

SUCKER RODS

POLISHED ROD: 1 1/2" x 30'
 SUCKER RODS: 1-2" x 7/8" pony rods, 244-7/8" 8 per guided rods, 4-1 1/2" weight bars
 PUMP SIZE: 1-1/2" x 1-3/4" x 21' x 24' RHAC pump w/ SM plunger
 STROKE LENGTH: 144
 PUMP SPEED, SPM ??



FRAC JOB

7-15-09 6332 - 6337' Frac CP5 sands as follows: Frac with 14,574# 20/40 sand in 119 bbbs Lightning 17 fluid. Treat at 2779 psi @ 11.0 BPM. ISIP 1818 psi.

7-15-09 5996 - 6050' Frac CP.5 & CP1 sands as follows: Frac with 40,521# 20/40 sand in 259 bbbs Lightning 17 fluid. Treat at 3242 psi @ 30.0 BPM. ISIP 2015 psi.

7-15-09 5816 - 5822' Frac LODC sands as follows: Frac with 15,086# 20/40 sand in 120 bbbs Lightning 17 fluid. Treat at 2356 psi @ 16 BPM. ISIP 1920 psi.

7-15-09 5554 - 5517' Frac A1 & A.5 sands as follows: Frac with 34,511# 20/40 sand in 288 bbbs Lightning 17 fluid. Treat at 3350 psi @ 30.0 BPM. ISIP 2034 psi.

7-15-09 5399 - 5413' Frac B2 sands as follows: Frac with 89,291# 20/40 sand in 537 bbbs Lightning 17 fluid. Treat at 2734 psi @ 30.0 BPM. ISIP 2140 psi.

7-15-09 5234 - 5243' Frac C sands as follows: Frac with 35,095# 20/40 sand in 292 bbbs Lightning 17 fluid. Treat at 2875 psi @ 30.0 BPM. ISIP 2165 psi.

7-15-09 5079 - 5100' Frac D1 & D2 sands as follows: Frac with 134,767# 20/40 sand in 764 bbbs Lightning 17 fluid. Treat at 2832 psi @ 42.0 BPM. ISIP 2540 psi.

PERFORATION RECORD

Depth Range	Number of JSPF	Holes
6332 - 6337'	3 JSPF	15 holes
6047 - 6050'	3 JSPF	9 holes
5996 - 6001'	3 JSPF	15 holes
5816 - 5822'	3 JSPF	18 holes
5554 - 5558'	3 JSPF	12 holes
5514 - 5517'	3 JSPF	9 holes
5410 - 5413'	3 JSPF	9 holes
5399 - 5404'	3 JSPF	15 holes
5240 - 5243'	3 JSPF	9 holes
5234 - 5238'	3 JSPF	12 holes
5148 - 5152'	3 JSPF	12 holes
5096 - 5100'	3 JSPF	12 holes
5079 - 5083'	3 JSPF	12 holes

NEWFIELD

Wells Draw P-34-8-16
 Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-33977; Lease #UTU-47171

Wells Draw Federal S-33-8-16

Spud Date: 08/01/2009
 Put on Production: 09/22/2009
 GL: 5673' KB: 5685'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.78')
 DEPTH LANDED: 320.63'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

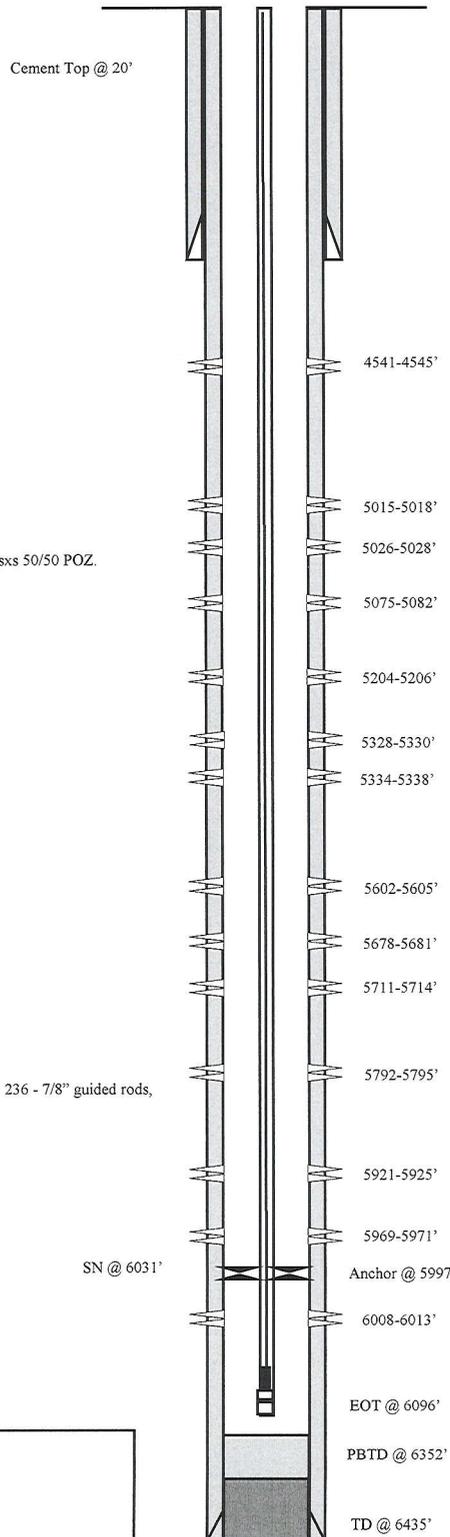
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6411.39')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6424.64'
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 20'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 188 jts (5985')
 TUBING ANCHOR: 5997'
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6031.4' KB
 NO. OF JOINTS: 2 jts (63.2')
 TOTAL STRING LENGTH: EOT @ 6096'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8" pony rods, 236 - 7/8" guided rods, 4-1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 20' RHAC
 STROKE LENGTH: 168
 PUMP SPEED: SPM 6



FRAC JOB

9-23-09	5921-6013'	Frac CP1, CP.5 & CP2 sands as follows: Frac with 30433# 20/40 sand in 258 bbls Lightning 17 fluid.
9-23-09	5602-5795'	Frac LODC sands as follows: Frac with 201574# 20/40 sand in 1228 bbls Lightning 17 fluid.
9-23-09	5204-5338'	Frac B2 & C sands as follows: Frac with 15016# 20/40 sand in 123 bbls Lightning 17 fluid.
9-23-09	5015-5082'	Frac D2 & D1 sands as follows: Frac with 150403# 20/40 sand in 945 bbls Lightning 17 fluid.
9-23-09	4541-4545'	Frac GB6 sands as follows: Frac with 14911# 20/40 sand in 131 bbls Lightning 17 fluid.

PERFORATION RECORD

6008-6013'	3 JSPF	15 holes
5969-5971'	3 JSPF	6 holes
5921-5925'	3 JSPF	12 holes
5792-5795'	3 JSPF	9 holes
5711-5714'	3 JSPF	9 holes
5678-5681'	3 JSPF	9 holes
5602-5605'	3 JSPF	9 holes
5334-5338'	3 JSPF	12 holes
5328-5330'	3 JSPF	6 holes
5204-5206'	3 JSPF	6 holes
5075-5082'	3 JSPF	21 holes
5026-5028'	3 JSPF	6 holes
5015-5018'	3 JSPF	9 holes
4541-4545'	3 JSPF	12 holes



Wells Draw Federal S-33-8-16

1836' FSL & 1899' FEL
 NW/SE Section 33-T8S-R16E
 Duchesne Co, Utah
 API # 43-013-34067; Lease # UTU-49092

Wells Draw Federal R-33-8-16

Spud Date: 7/29/2009
 Put on Production: 9/28/2009
 GL: 5673' KB: 5685'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (308.67')
 DEPTH LANDED: 320.52'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

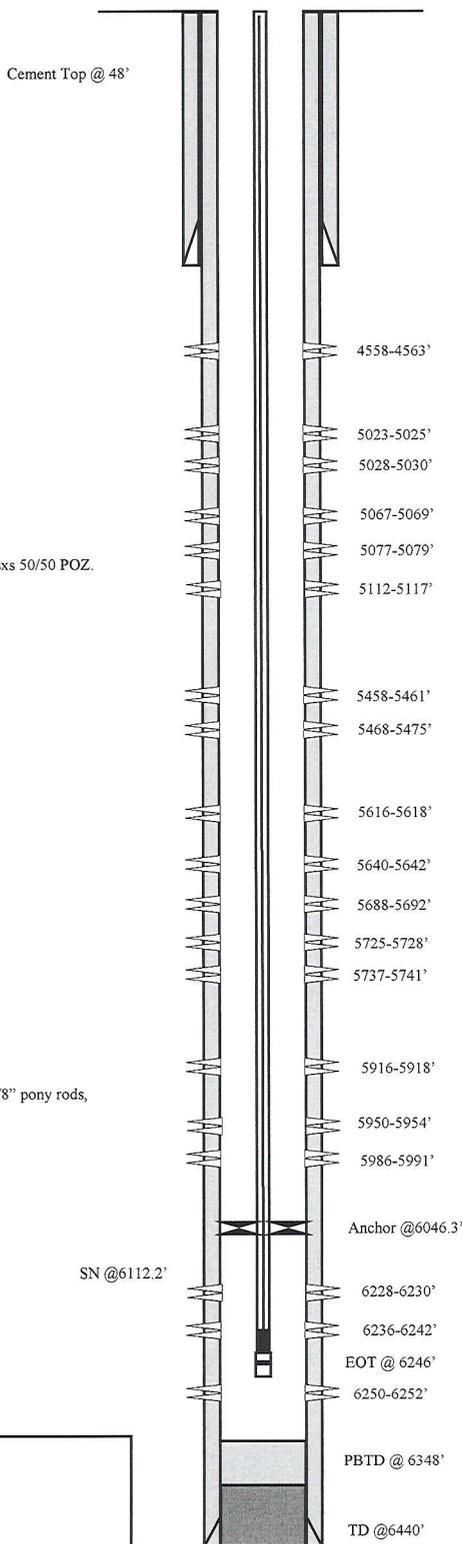
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6421.69')
 HOLE SIZE: 7-7/8"
 TOTAL DEPTH: 6434.94'
 CEMENT DATA: 250 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 192 jts (6034.3')
 TUBING ANCHOR: 6046.3'
 NO. OF JOINTS: 2 jts (63.2')
 SEATING NIPPLE: 2-7/8" (1.1')
 SN LANDED AT: 6112.2' KB
 NO. OF JOINTS: 1 jts (31.4'), 3 jts (94.8')
 TOTAL STRING LENGTH: EOT @ 6246'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26'
 SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 8" x 7/8" pony rods,
 239 - 7/8" 8 per guided rods, 4-1 1/2" weight bars
 PUMP SIZE: 2 1/2" x 1 3/4" x 20" RHAC
 STROKE LENGTH: 168
 PUMP SPEED: SPM 6



FRAC JOB

9-29-09	6228-6252'	Frac BLK SH sands as follows: Frac with 35390# 20/40 sand in 232 bbls Lightning 17 fluid.
9-29-09	5916-5991'	Frac CP2, CP.5, & CP1 sands as follows: Frac with 29840# 20/40 sand in 251 bbls Lightning 17 fluid.
9-29-09	5616-5741'	Frac LODC sands as follows: Frac with 60359# 20/40 sand in 367 bbls Lightning 17 fluid.
9-29-09	5458-5475'	Frac A1 sands as follows: Frac with 35455# 20/40 sand in 226 bbls Lightning 17 fluid.
9-29-09	5023-5117'	Frac D2, D1, & D3 sands as follows: Frac with 80474# 20/40 sand in 484 bbls Lightning 17 fluid.
9-29-09	4558-4563'	Frac GB6 sands as follows: Frac with 16887# 20/40 sand in 140 bbls Lightning 17 fluid.

PERFORATION RECORD

6250-6252'	3 JSPF	6 holes
6236-6242'	3 JSPF	18 holes
6228-6230'	3 JSPF	6 holes
5986-5991'	3 JSPF	15 holes
5950-5954'	3 JSPF	12 holes
5916-5918'	3 JSPF	6 holes
5737-5741'	3 JSPF	12 holes
5725-5728'	3 JSPF	9 holes
5688-5692'	3 JSPF	12 holes
5640-5642'	3 JSPF	6 holes
5616-5618'	3 JSPF	6 holes
6250-6252'	3 JSPF	6 holes
5468-5475'	3 JSPF	21 holes
5458-5461'	3 JSPF	9 holes
5112-5117'	3 JSPF	15 holes
5077-5079'	3 JSPF	6 holes
5067-5069'	3 JSPF	6 holes
5028-5030'	3 JSPF	6 holes
5023-5025'	3 JSPF	6 holes
4558-4563'	3 JSPF	15 holes



Wells Draw Federal R-33-8-16
 NWSE 1823' FSL & 1916' FEL
 Section 33-T8S-R16E
 Duchesne Co, Utah
 API # 43-013-34068; Lease # UTU-49092

Wells Draw Federal 1-4-9-16

Initial Production: 105 BOPD, 52 MCFD
7 BWPD

Spud Date: 2/9/98
Put on Production: 3/23/98
GL: 5686' KB: 5698'

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts
DEPTH LANDED: 286'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premiumplus w/2% CC, 2% gel, 1/2 #/sx flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 141 jts 6016'
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Hibond 65 modified and 450 sxs Thixotropic w/10% calseal
CEMENT TOP AT:
SET AT: 6027'

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 155 jts (4823.96')
SEATING NIPPLE: 2-7/8" (1.10')
SEAT NIPPLE LANDED @ 4837
CE @ 4840.26'
TOTAL STRING LENGTH: EOT @ 4844.38'

FRAC JOB

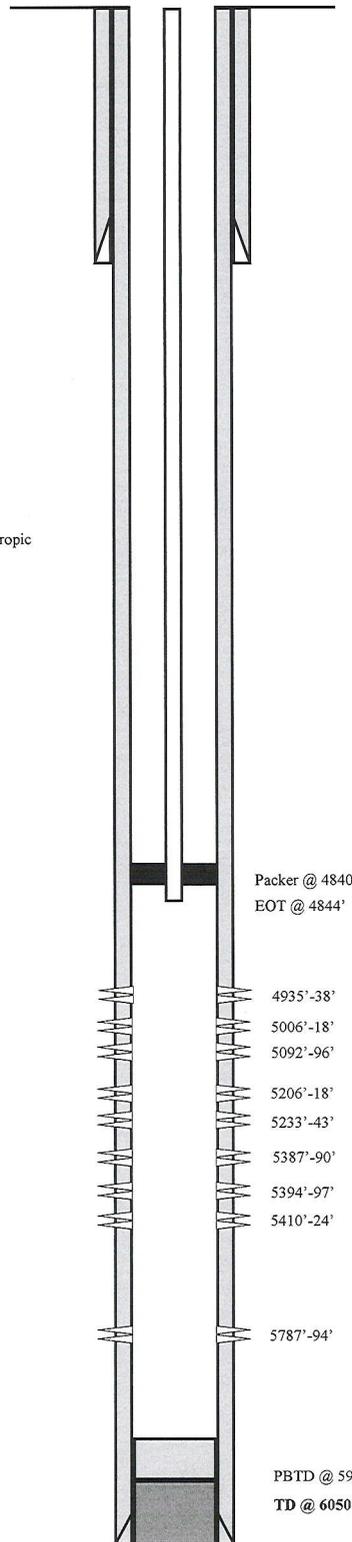
3-8-98 5787'-5794' **Frac CP sand as follows:** 95,300# 20/40 sand in 515 bbls Delta Frac. Breakdown @ 2691 psi. Treated w/avg press of 1220 psi w/avg rate of 26.2 BPM. ISIP-2075 psi, 5 min 1666 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

3-11-98 5387'-5424' **Frac A sand as follows:** 97,300# 20/40 sand in 503 bbls Delta Frac. Breakdown @ 1506 psi. Treated w/avg press of 1600 psi w/avg rate of 28.3 BPM. ISIP-2165 psi, 5 min 2008 psi. Flowback on 12/64" ck for 1-1/2 hrs & died.

3-13-98 5206'-5243' **Frac B sand as follows:** 97,100# 20/40 sand in 506 bbls Delta Frac. Breakdown @ 1876 psi. Treated w/avg press of 1700 psi w/avg rate of 28.8 BPM. ISIP-3193 psi, 5 min 2527 psi. Flowback on 12/64" ck for 2 hrs & died.

3-18-98 4935'-5096' **Frac D/C sands as follows:** 97,000# 20/40 sand in 418 bbls Delta Frac. Breakdown @ 2200 psi. Treated w/avg press of 1400 psi w/avg rate of 33 BPM.

12-15-00 **Convert to Injection well**
12-19-00 **MIT completed - tbg detail updated**



PERFORATION RECORD

Date	Interval	Tool	Holes
3-7-98	5787'-5794'	4 JSPF	28 holes
3-10-98	5410'-5424'	4 JSPF	56 holes
3-10-98	5394'-5397'	4 JSPF	12 holes
3-10-98	5387'-5390'	4 JSPF	12 holes
3-12-98	5233'-5243'	4 JSPF	40 holes
3-12-98	5206'-5218'	4 JSPF	48 holes
3-17-98	5092'-5096'	4 JSPF	16 holes
3-17-98	5006'-5018'	4 JSPF	48 holes
3-17-98	4935'-4938'	4 JSPF	12 holes

NEWFIELD

Wells Draw Federal 1-4-9-16
746' FNL and 586' FEL
NENE Section 4-T9S-R16E
Duchesne Co, Utah

API #43-013-31971; Lease #U-30096

Wells Draw H-4-9-16

Spud Date: 6/3/2009
 Put on Production: 7/9/2009
 GL: 5720' KB: 5732'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts (310 8')
 DEPTH LANDED: 322.65' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 173 jts (6623.21')
 DEPTH LANDED: 6402.50'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sx primlite and 400 sx 50/50 poz
 CEMENT TOP AT: 46'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 193 jts (6000')
 TUBING ANCHOR: 6003' KB
 NO. OF JOINTS: 1 jt (30.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6035' KB
 NO. OF JOINTS: 3 jts (6164')
 TOTAL STRING LENGTH: EOT @ 6165'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26"
 SUCKER RODS:
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC pump
 STROKE LENGTH: 144"
 PUMP SPEED, SPM: 4

FRAC JOB

7/1/2009 6223-6241' RU BJ & frac CP5 sds as follows:
 19,839# sand in 358 bbls of fluid. Treated @ ave pressure of 2362 w/ ave rate of 27 bpm w/ 6 ppg of sand. ISIP was 2047 w/ .77FG. 5 min was 1894. 10 min was 1841. 15 min was 1801.

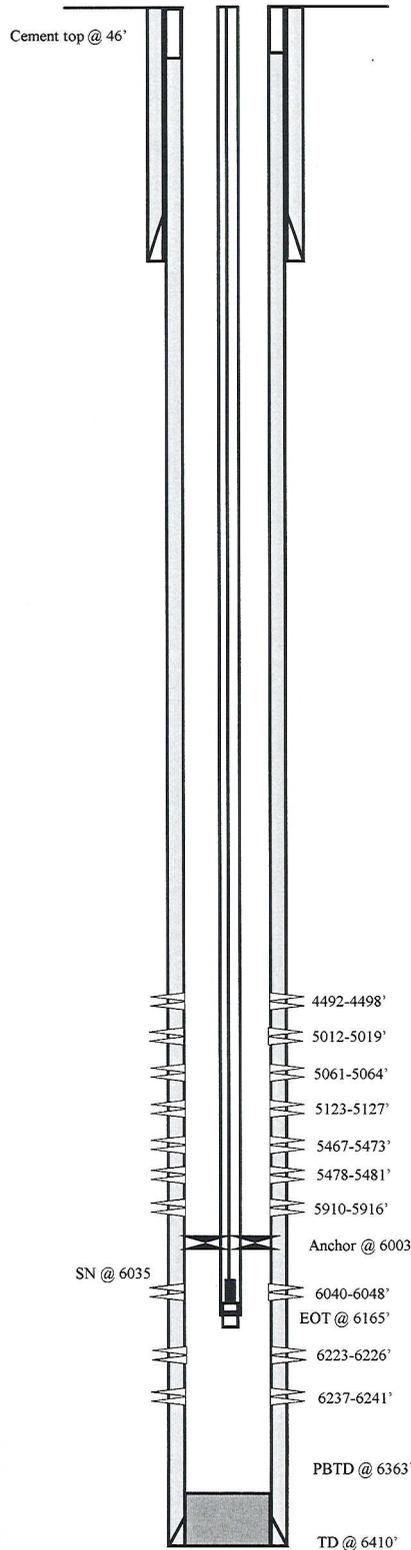
7/1/2009 6040-6048' RU BJ & frac CP2 sds as follows:
 30,171# sand in 430 bbls of fluid. Treated @ ave pressure of 2400 w/ ave rate of 27 bpm w/ 6 ppg of sand. ISIP was 2039 w/ .78FG. 5 min was 1913. 10 min was 1878. 15 min was 1855.

7/1/2009 5910-5916' RU BJ & frac CP.5 sds as follows:
 14,995# sand in 304 bbls of fluid. Treated @ ave pressure of 2396 w/ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 2235 w/ .82FG. 5 min was 2101. 10 min was 2396. 15 min was 2000.

7/2/2009 5467-5481' RU BJ & frac A1 sds as follows:
 45,742# sand in 460 bbls fluid. Treated @ ave pressure of 2598 w/ ave rate of 27 bpm w/ 8 ppg of sand. ISIP was 2331 w/ .87FG. 5 min was 2177. 10 min was 2064. 15 min was 1991.

7/2/2009 5012-5127' RU BJ & frac D sds as follows:
 91,195# sand in 703 bbls fluid. Techna Hib chemical @ 4% by volume. Treated @ ave pressure of 2632 w/ ave rate of 35 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2309 w/ .90FG. 5 min was 2190. 10 min was 2176. 15 min was 2132.

7/2/2009 4492-4498' RU BJ & frac GB4 sds as follows:
 18,223# 20/40 sand in 301 bbls fluid. Treated @ ave pressure of 2776 w/ ave rate of 22 bpm w/ 6 ppg of sand. ISIP was 2487 w/ 1.0FG. 5 min was 2087. 10 min was 1938. 15 min was 1845.



PERFORATION RECORD

6/26/09	6237-6241'	3 JSPF	12 holes
6/26/09	6223-6226'	3 JSPF	9 holes
6/26/09	6040-6048'	3 JSPF	24 holes
6/26/09	5910-5916'	3 JSPF	18 holes
6/26/09	5478-5481'	3 JSPF	9 holes
6/26/09	5467-5473'	3 JSPF	18 holes
6/26/09	5123-5127'	3 JSPF	12 holes
6/26/09	5061-5064'	3 JSPF	9 holes
6/26/09	5012-5019'	3 JSPF	21 holes
6/26/09	4492-4498'	3 JSPF	18 holes

NEWFIELD

Federal H-4-9-16

512' FSL & 1916' FEL

NW/NE Section 4-T9S-R16E

Duchesne Co, Utah

API # 43-013-34153; Lease # UTU-30096

Wells Draw Federal Q-33-8-16

Spud Date: 5/20/08
Put on Production: 6/27/2008

GL: 5713' KB: 5725'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts
DEPTH LANDED: 305.28'
HOLE SIZE: 12-1/4"
CEMENT DATA: To surface with 160 sx class 'G' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 160 jts
DEPTH LANDED: 6500'
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sx Premlite II and 450 sx 50/50 Poz

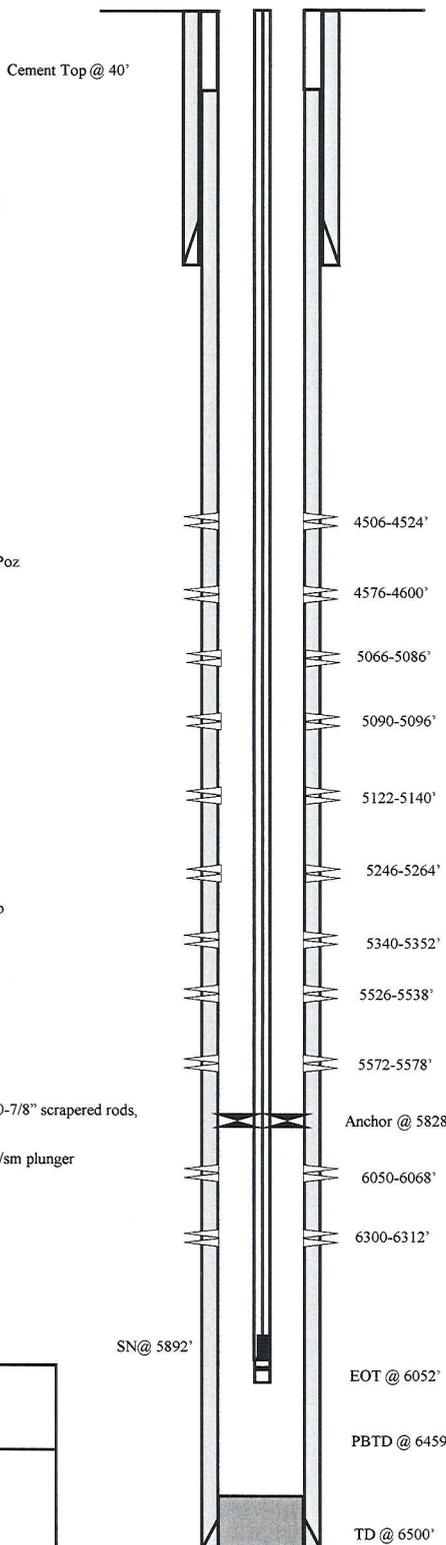
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 189jts
TUBING ANCHOR: 5827.93'
NO. OF JOINTS: 2jts (61.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5892.13'
NO. OF JOINTS: 4jts
TOTAL STRING LENGTH: EOT @ 6052.47' w/12' kb

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rods
SUCKER RODS: 1-8", 1-4' & 1-2' x 7/8" pony rods, 230-7/8" scraped rods, 4-1 1/2" weight rods, 21k shear cplg.
PUMP SIZE: CDI 2-1/2" x 1-3/4" x 20' RHAC pump w/sm plunger
STROKE LENGTH: 144"
PUMP SPEED, SPM: 5

Wellbore Diagram



FRAC JOB

6/23/08	6300-6312'	Frac CP5 sds as follows: Frac w/ 39,852# 20/40 sand in 436 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2239 psi @ ave rate of 23.1 BPM. ISIP 2497 psi. Actual flush: 5796 gals.
6/23/08	6050-6068'	Frac CP2 sds as follows: Frac w/ 95,195# 20/40 sand in 747 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1862 psi @ ave rate of 23.1 BPM. ISIP 2181 psi. Actual flush: 5552 gals.
6/23/08	5526-5538'	Frac A1 & A3 sds as follows: Frac w/100,414# 20/40 sand in 756 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1904 psi @ ave rate of 23.1 BPM. ISIP 2131 psi. Actual flush: 5036 gals.
6/23/08	5340-5352'	Frac B1 sds as follows: Frac w/ 28,958# 20/40 sand in 398 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2014 psi @ ave rate of BPM. ISIP 1995 psi. Actual flush: 4838 gals.
6/23/08	5246-5264'	Frac C sds as follows: Frac w/ 79,993# 20/40 sand in 631 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2093 psi @ ave rate of 23.1 BPM. ISIP 2266 psi. Actual flush: 4733 gals.
6/23/08	5066-5086'	Frac D1 & D2 sds as follows: Frac w/ 219,703# 20/40 sand in 1489 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2076 psi @ ave rate of 24.9 BPM. ISIP 2307 psi. Actual flush: 4561 gals.
6/23/08	4576-4600'	Frac GB6 sds as follows: Frac w/139,638# 20/40 sand in 1000 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1874 psi @ ave rate of 25.5 BPM. ISIP 2200 psi. Actual flush: 4066 gals.
6/23/08	4506-4524'	Frac GB2 sds as follows: Frac w/ 65,170# 20/40 sand (34,830#'s short) in 610 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2431 psi @ ave rate of 23.1 BPM. ISIP 2583 psi. Actual flush: 4502 gals.

PERFORATION RECORD

4506-4524'	4 JSPF	72 holes
4576-4600'	4 JSPF	96 holes
5066-5086'	4 JSPF	72 holes
5090-5096'	4 JSPF	24 holes
5122-5140'	4 JSPF	72 holes
5246-5264'	4 JSPF	72 holes
5340-5352'	4 JSPF	48 holes
5526-5538'	4 JSPF	48 holes
5572-5578'	4 JSPF	24 holes
6050-6068'	4 JSPF	72 holes
6300-6312'	4 JSPF	48 holes



Wells Draw Fed. Q-33-8-16
346' FSL & 2122' FWL
SE/SW Section 33-T8S-R16E
Duchesne Co, Utah
API #43-013-33751; Lease # UTU-49092



Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-46355**

Well Name: **Federal 44-33-B-8-16**

Sample Point: **Treater**

Sample Date: **9/17/2010**

Sales Rep: **Monty Frost**

Lab Tech: **John Keel**

Sample Specifics	
Test Date:	9/7/2010
Temperature (°F):	160
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0040
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	5241
Molar Conductivity (µS/cm):	7941
Resistivity (Mohm):	1.2593

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	6.40	Chloride (Cl):	2000.00
Magnesium (Mg):	2.10	Sulfate (SO ₄):	42.00
Barium (Ba):	16.00	Dissolved CO ₂ :	-
Strontium (Sr):	-	Bicarbonate (HCO ₃):	1366.00
Sodium (Na):	1807.00	Carbonate (CO ₃):	-
Potassium (K):	-	H ₂ S:	1.50
Iron (Fe):	-	Phosphate (PO ₄):	-
Manganese (Mn):	0.01	Silica (SiO ₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO ₃):	-
Ammonia NH ₃ :	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160		1.53	2.50	0.00	-1487.30	0.00	-1348.50	-	-	9.72	23.46	0.60
80	0	0.67	-2.79	0.00	-10.55	0.00	-2142.20	-	-	43.66	26.33	0.29
100	0	0.90	-0.77	0.00	-6.96	0.00	-2006.60	-	-	29.03	25.91	0.35
120	0	1.11	0.71	0.00	-4.34	0.00	-1811.70	-	-	19.76	25.31	0.40
140	0	1.33	1.80	0.00	-2.48	0.00	-1584.70	-	-	13.73	24.51	0.44
160	0	1.53	2.50	0.00	-1.27	0.00	-1348.50	-	-	9.72	23.46	0.50
180	0	1.71	2.89	0.00	-0.57	0.00	-1120.40	-	-	6.99	22.09	0.55
200	0	1.85	3.04	0.00	-0.23	0.00	-911.53	-	-	5.11	20.37	0.56
220	2.51	1.95	3.04	0.00	-0.09	0.00	-734.42	-	-	3.72	18.10	0.56
240	10.3	2.02	2.98	0.00	-0.04	0.00	-577.18	-	-	2.78	15.45	0.57
260	20.76	2.06	2.89	0.00	-0.04	0.00	-446.47	-	-	2.11	12.28	0.58
280	34.54	2.06	2.80	0.00	-0.07	0.00	-340.22	-	-	1.61	8.55	0.59
300	52.34	2.04	2.72	0.00	-0.10	0.01	-255.44	-	-	1.24	4.17	0.60

Conclusions:

Calcium Carbonate scale is indicated. See graph for appropriate temperature ranges.
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temps from 80°F to 300°F

Notes:

2014

Multi-Chem Group, LLC

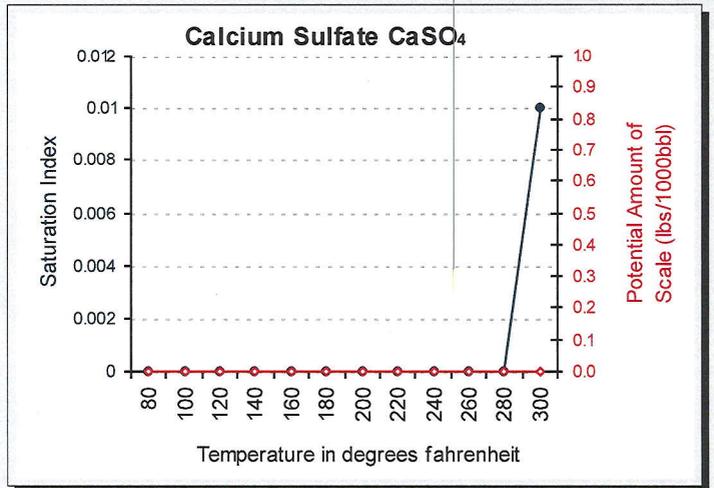
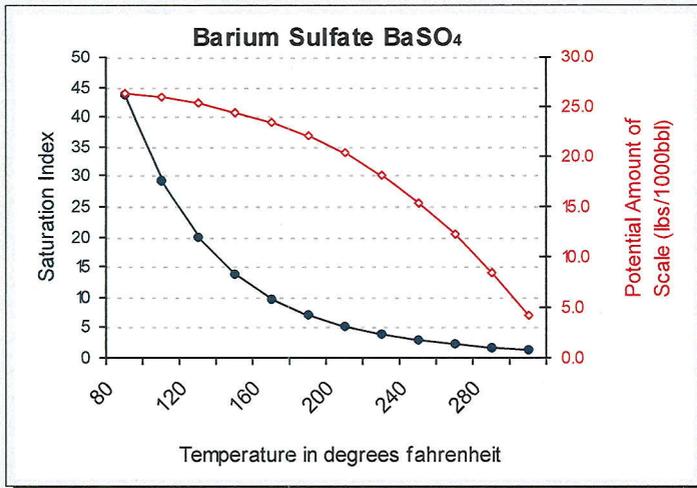
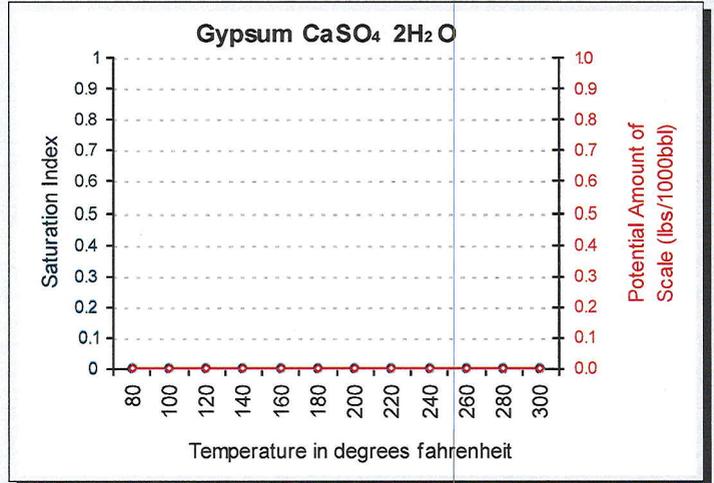
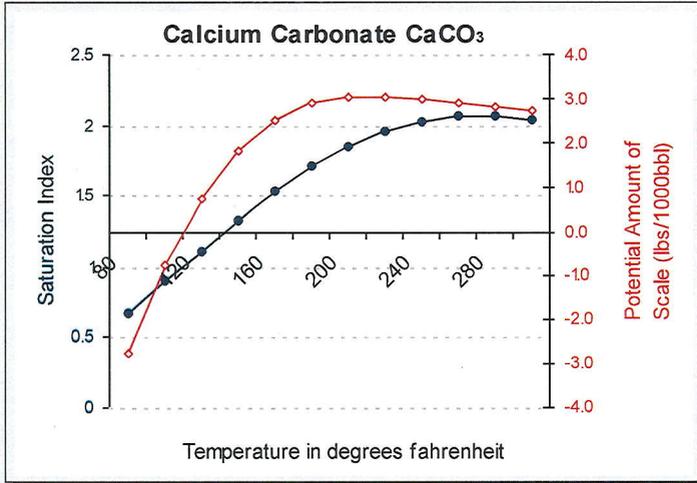
Multi-Chem Analytical Laboratory
 1553 East Highway 40
 Vernal, UT 84078



Scale Prediction Graphs

Well Name: **Federal 44-33-B-8-16**

Sample ID: **WA-46355**





Multi-Chem Group, LLC

Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-35260**

Well Name: **Monument Butte Injection**

Sample Point: **Before Desilter**

Sample Date: **1 / 1 / 2010**

Sales Rep: **Randy Huber**

Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/5/2010	Cations		Anions	
Temperature (°F):	90		mg/L		mg/L
Sample Pressure (psig):	0	Calcium (Ca):	40.00	Chloride (Cl):	6000.00
Specific Gravity (g/cm³):	1.0040	Magnesium (Mg):	24.40	Sulfate (SO₄):	140.00
pH:	9.1	Barium (Ba):	14.00	Dissolved CO₂:	-
Turbidity (NTU):	-	Strontium (Sr):	-	Bicarbonate (HCO₃):	780.00
Calculated T.D.S. (mg/L):	11140	Sodium (Na):	4139.00	Carbonate (CO₃):	-
Molar Conductivity (µS/cm):	16879	Potassium (K):	-	H₂S:	-
Resitivity (Mohm):	0.5925	Iron (Fe):	2.29	Phosphate (PO₄):	-
		Manganese (Mn):	0.15	Silica (SiO₂):	-
		Lithium (Li):	-	Fluoride (F):	-
		Aluminum (Al):	-	Nitrate (NO₃):	-
		Ammonia NH₃:	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
90	0	23.17	69.04	0.00	-2379.40	0.00	-2621.80	-	-	55.12	23.32	0.01
80	0	21.03	68.87	0.00	48.75	0.00	-2691.60	-	-	68.23	23.41	0.01
100	0	24.91	68.69	0.00	51.91	0.00	-2527.60	-	-	44.78	23.21	0.01
120	0	27.06	67.47	0.00	53.11	0.00	-2284.10	-	-	30.04	22.93	0.01
140	0	27.53	66.01	0.00	53.00	0.00	-1996.20	-	-	20.54	22.53	0.01
160	0	26.44	63.35	0.01	51.01	0.01	-1694.10	-	-	14.28	21.97	0.01
180	0	24.21	57.33	0.01	46.14	0.01	-1400.70	-	-	10.07	21.21	0.01
200	0	21.32	48.01	0.01	38.70	0.01	-1130.70	-	-	7.20	20.18	0.01
220	2.51	18.08	38.69	0.01	30.92	0.02	-903.37	-	-	5.11	18.72	0.01
240	10.3	15.10	30.38	0.01	23.66	0.03	-698.20	-	-	3.72	16.87	0.01
260	20.76	12.37	23.68	0.01	17.47	0.04	-526.95	-	-	2.73	14.44	0.01
280	34.54	9.96	18.46	0.01	12.31	0.07	-387.36	-	-	2.01	11.26	0.01
300	52.34	7.88	14.42	0.01	8.07	0.11	-276.02	-	-	1.48	7.11	0.01

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

Notes:



multi-chem®

Multi-Chem Group, LLC

Multi-Chem Analytical Laborator

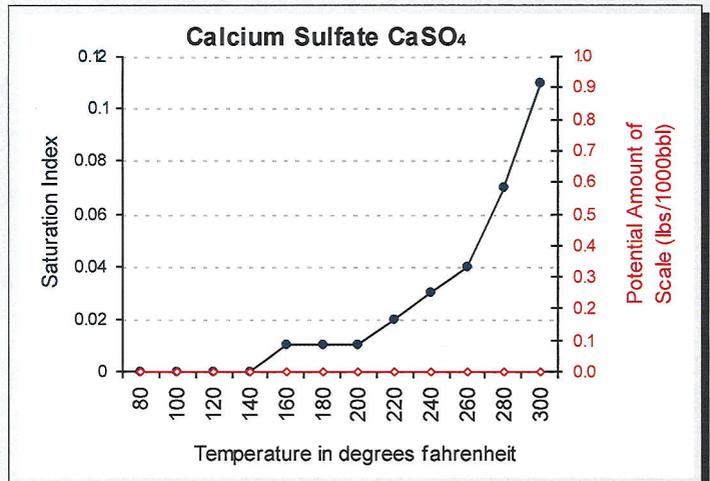
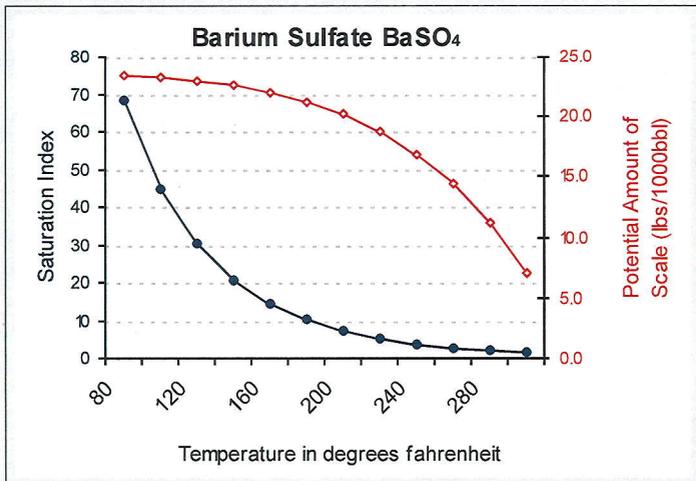
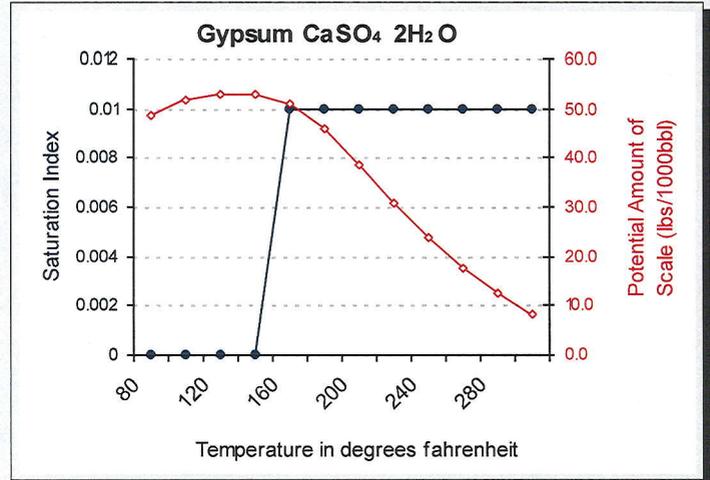
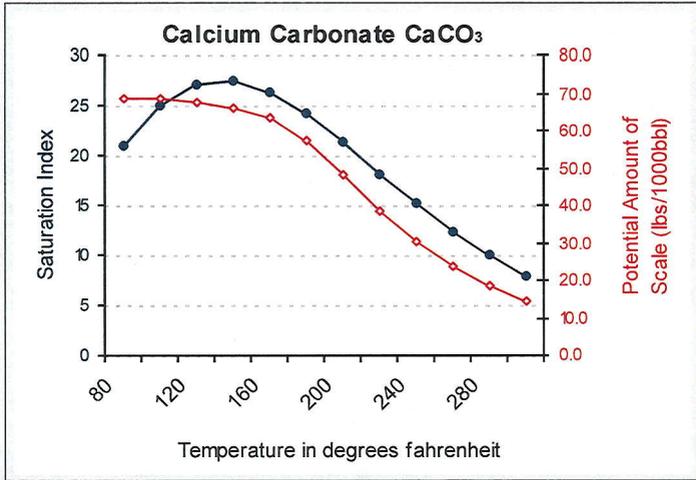
1553 East Highway 40

Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Monument Butte Injection**

Sample ID: **WA-35260**



Attachment "G"

**Federal #44-33B-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5864	5873	5869	1940	0.76	1902
5702	5724	5713	3000	0.96	2963
5411	5421	5416	2200	0.84	2165
5272	5294	5283	1950	0.80	1916
4960	5036	4998	1910	0.82	1878
				Minimum	<u><u>1878</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4910'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 184' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @1798'
5. Plug #3 120' plug covering Uinta/Green River formation using 25 sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @ 350'
7. Plug #4 Circulate 97 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Spud Date: 4-25-90
 Put on Production: 7-24-90
 GL: 5715' KB: 5730'

Federal #44-33B

Initial Production: 80 BOPD,
 0 MCFPD, 96 BHPD

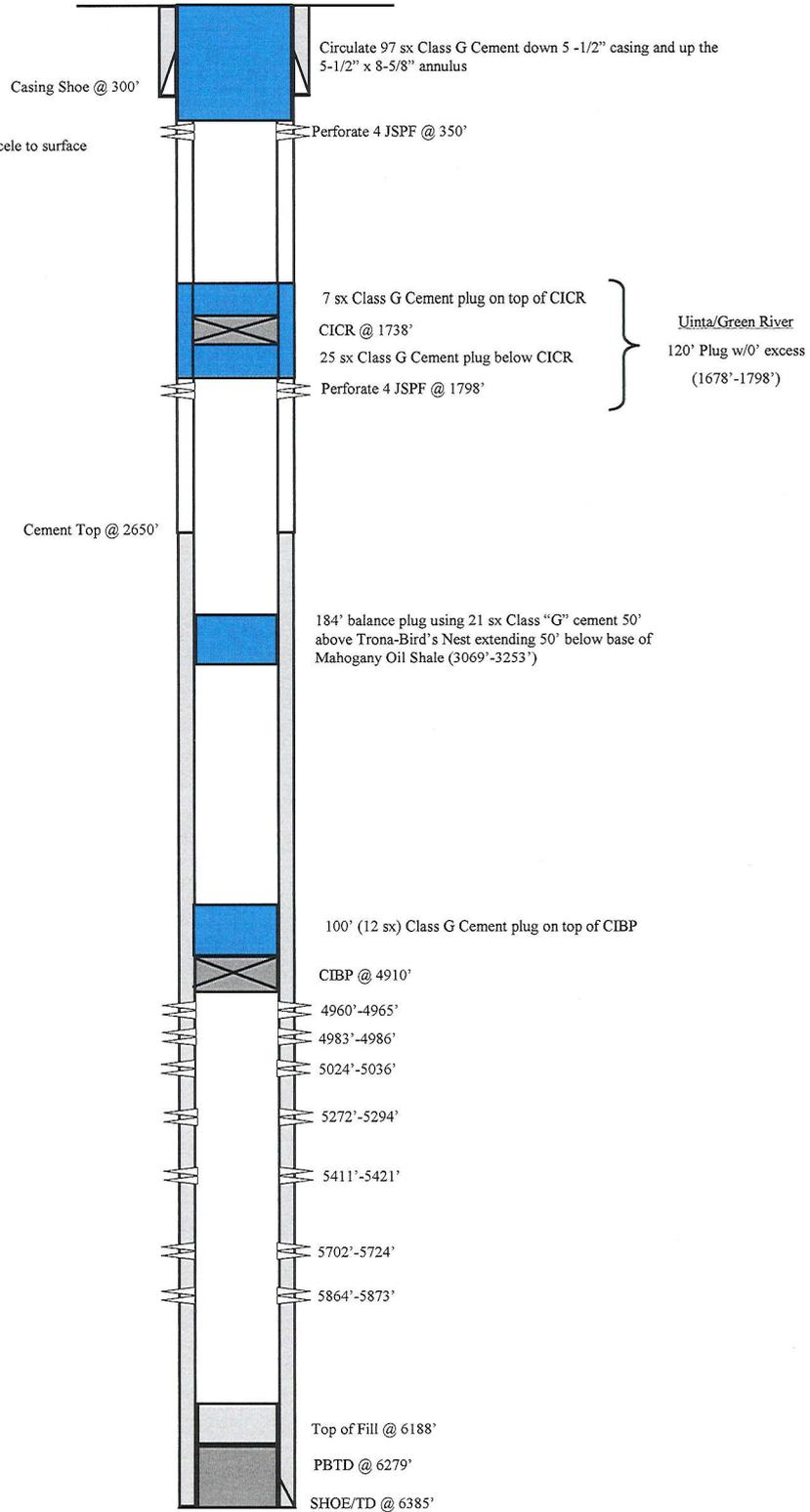
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 7 JTS (295.8')
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 225 sx "G" + 2% CaCl2 + 1/4# sx flocele to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 17#
 LENGTH: 154 jts (6385')
 DEPTH LANDED: 6387' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240sx Hi-Lift tail w/ 715 sx 10-0 RFC
 CEMENT TOP AT: 2650'



Federal #44-33B
 666 FSL & 660 FEL
 SESE Section 33-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31270; Lease #U-49092

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 666 FSL 660 FEL
 SESE Section 33 T8S R16E

5. Lease Serial No.
 USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 FEDERAL 44-33B

9. API Well No.
 4301331270

10. Field and Pool, or Exploratory Area
 GREATER MB UNIT

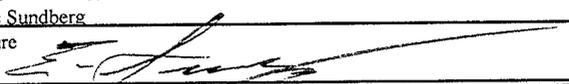
11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)
 Eric Sundberg
 Signature 

Title
 Regulatory Lead

Date
 10/11/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
 Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

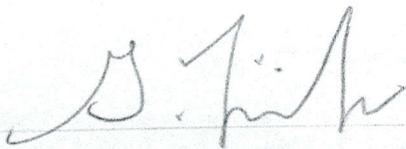
Title _____ Date _____
 Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

AFFIDAVIT OF PUBLICATION

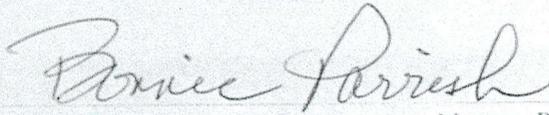
County of Duchesne,
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR 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 9 day of November, 2010, and that the last publication of such notice was in the issue of such newspaper dated the 9 day of November, 2010, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

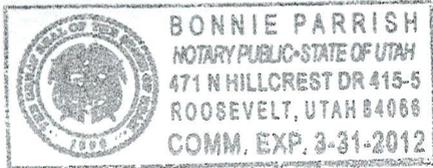


Editor

Subscribed and sworn to before me this
16 day of November, 2010



Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-369

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

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTION 4, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 44-33B-8-16 well located in SE/4 SE/4, Section 33, Township 8 South, Range 16 East
Travis Federal 8-33-8-16 well located in SE/4

NE/4, Section 33, Township 8 South, Range 16 East

Federal 31-4-G-9-16 well located in NW/4 NE/4, Section 4, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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 the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of November, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Brad Hill
Permitting Manager
Published in the Uintah Basin Standard November 9, 2010.

4770 S. 5600 W.
 P.O. BOX 704005
 WEST VALLEY CITY, UTAH 84170
 FED.TAX I.D.# 87-0217663

The Salt Lake Tribune
 WWW.SLTRIB.COM

MEDIA One
 OF UTAH
 A NEWSPAPER AGENCY COMPANY
 WWW.MEDIAONUTAH.COM

Deseret News
 WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

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	9001402352	11/8/2010

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000635116 /
SCHEDULE	
Start 11/06/2010	End 11/06/2010
CUST. REF. NO.	
Cause #UIC-369	
CAPTION	
ARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF A	
SIZE	
60	Lines 2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
155.00	

BEFORE THE DIVISION OF OIL, GAS AND MINING
 DEPARTMENT OF NATURAL RESOURCES
 STATE OF UTAH
 NOTICE OF AGENCY ACTION
 CAUSE NO. UIC-369

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTION 4, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
 Federal 44-33B-8-16 well located in SE/4 SE/4, Section 33, Township 8 South, Range 16 East
 Travis Federal 8-33-8-16 well located in SE/4 NE/4, Section 33, Township 8 South, Range 16 East
 Federal 31-4-G-9-16 well located in NW/4 NE/4, Section 4, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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 the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of November, 2010.

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING
 /s/ Brad Hill
 Brad Hill
 Permitting Manager

635116 UPAJLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-369 IN THE MATTER OF THE APPLICA** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

Start 11/06/2010 End 11/06/2010

PUBLISHED ON

SIGNATURE *Bradley Taylor*

11/8/2010

VIRGINIA CRAFT
 Notary Public, State of Utah
 Commission # 581469
 My Commission Expires
 January 12, 2014

Virginia Craft

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
 PLEASE PAY FROM BILLING STATEMENT

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-369

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST, AND SECTION 4, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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 Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 44-33B-8-16 well located in SE/4 SE/4, Section 33, Township 8 South, Range 16 East
Travis Federal 8-33-8-16 well located in SE/4 NE/4, Section 33, Township 8 South, Range 16 East
Federal 31-4-G-9-16 well located in NW/4 NE/4, Section 4, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

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 the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of November, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 44-33B-8-16,
TRAVIS FEDERAL 8-33-8-16,
FEDERAL 31-4-G-9-16.**

Cause No. UIC-369

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

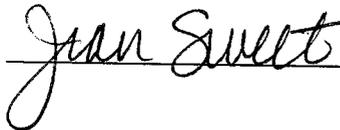
Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

Vernal Field Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078





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

November 3, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-369

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - Fwd: Re: Fwd: Notice of Agency Action – Newfield Production Company Cause No. UIC-369

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: <jsweet@utah.gov>
Date: 11/4/2010 10:35 AM
Subject: Fwd: Re: Fwd: Notice of Agency Action – Newfield Production Company Cause No. UIC-369

Subject notice will be published Nov. 9, 2010, one time.
Thank you,
Cindy

----- Original Message -----

Subject:Re: Fwd: Notice of Agency Action – Newfield Production Company Cause No. UIC-369
Date: Wed, 03 Nov 2010 17:42:31 -0600
From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: UBS <ubs@ubstandard.com>

On 11/3/2010 4:03 PM, UBS wrote:

----- Original Message -----

Subject:Notice of Agency Action – Newfield Production Company Cause No. UIC-369
Date: Wed, 03 Nov 2010 09:50:38 -0600
From: Jean Sweet <jsweet@utah.gov>
To: <ubs@ubstandard.com>

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible.

Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210

Salt Lake City, UT
801-538-5329
jsweet@utah.gov



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

November 3, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-369

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-369

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 11/3/2010 1:05 PM
Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-369

Ad #635116 is scheduled to run November 6th in Salt Lake Tribune and Online
utahlegals.com .

Total charge is \$155.00. Please check the ad in the paper.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Wednesday, November 03, 2010 9:50 AM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-369

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov



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

January 31, 2011

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 44-33-B, Section 33, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31270

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 by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS

Applicant: Newfield Production Company **Well:** Federal 44-33B-8-16

Location: 33/8S/16E **API:** 43-013-31270

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 300 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,387 feet. A cement bond log demonstrates adequate bond in this well up to 3,292 feet. A 2 7/8 inch tubing with a packer will be set at 4,910 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 12 producing wells, 5 injection wells, and 1 shut-in well in the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR, but the bottom hole locations are outside the AOR. Additionally, there is 1 producing well which has been directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 500 feet. Injection shall be limited to the interval between 4,261 feet and 6,279 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 44-33B-8-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,878 psig. The requested maximum pressure is 1,878 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 44-33B-8-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date 12/7/2010

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-49092

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

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

8. WELL NAME and NUMBER:
FEDERAL 44-33B

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331270

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 666 FSL 660 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 33, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEOUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>03/22/2011</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 03/08/2011.

On 03/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2011 the casing was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-31270

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 03/29/2011

(This space for State use only)

RECEIVED

APR 07 2011

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-49092

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.
FEDERAL 44-33B

9. API Well No.
4301331270

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

11. County or Parish, State
DUCHESNE, UT

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
666 FSL 660 FEL
SESE Section 33 T8S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

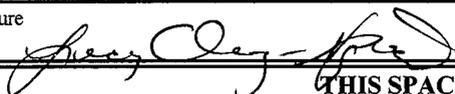
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 03/08/2011.

On 03/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 03/22/2011 the casing was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 300 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-31270

RECEIVED
APR 07 2011
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Water Services Technician
Signature 	Date 03/29/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

Mechanical Integrity Test
Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: DENNIS INGRAM Date 3 12 21 11 Time 11:00 am pm

Test Conducted by: DAVE CLOWARD

Others Present: _____

Well: <u>FEDERAL 44-33B-8-16</u>	Field: <u>FEDERAL 44-33B-8-16</u>
Well Location: <u>FEDERAL 44-33B-8-16</u>	API No: <u>UTU 87538X</u>
<u>SE/SE SEC. 33, T85, R16E</u>	<u>43-013-31270</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1025</u>	psig
5	<u>1025</u>	psig
10	<u>1025</u>	psig
15	<u>1025</u>	psig
20	<u>1025</u>	psig
25	<u>1025</u>	psig
30 min	<u>1025</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 300 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Dave Cloward

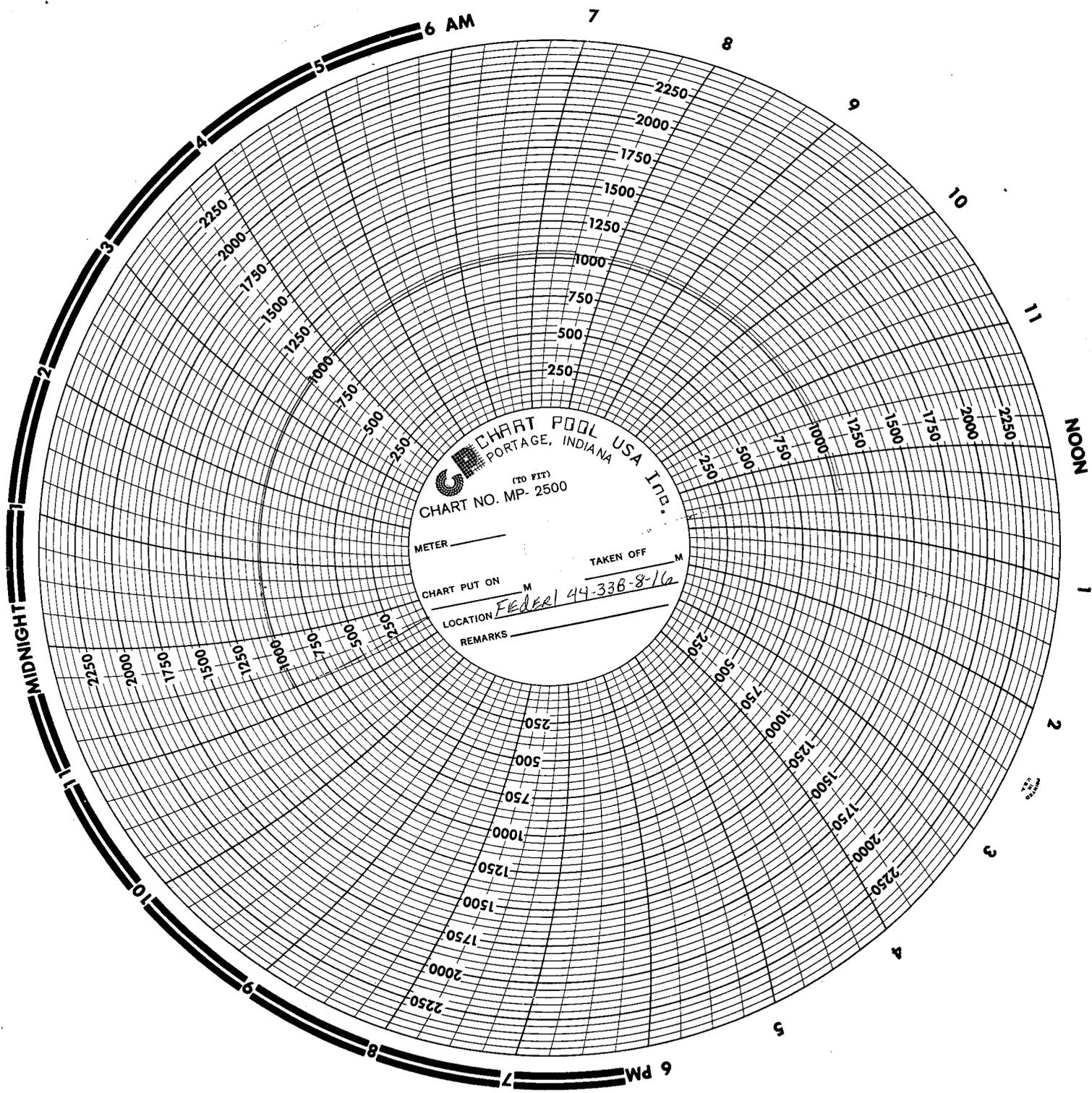


CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FEET)
CHART NO. MP- 2500

METER _____
TAKEN OFF _____ M
CHART PUT ON _____ M
LOCATION Federal 44-338-8-16
REMARKS _____

Daily Activity Report

Format For Sundry

FEDERAL 44-33B-8-16

1/1/2011 To 5/30/2011

1/26/2011 Day: 1

Pump Change

NC #2 on 1/26/2011 - MIRUSU, POOH W/- Rod String - 11:00 AM MIRUSU, R/D Pmp Unit, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 5 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 2- 2' x 7/8" Pony Subs, 102- 7/8" Guided Rods, 103- 3/4" Plain Rods, 21- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Pmp (Pull Rod On Pmp Stuck Open), Flush Rods W/- 20 Bbls Wtr On TOH, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl. - 11:00 AM MIRUSU, R/D Pmp Unit, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 5 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 2- 2' x 7/8" Pony Subs, 102- 7/8" Guided Rods, 103- 3/4" Plain Rods, 21- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Pmp (Pull Rod On Pmp Stuck Open), Flush Rods W/- 20 Bbls Wtr On TOH, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl. - 11:00 AM MIRUSU, R/D Pmp Unit, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 5 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 2- 2' x 7/8" Pony Subs, 102- 7/8" Guided Rods, 103- 3/4" Plain Rods, 21- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Pmp (Pull Rod On Pmp Stuck Open), Flush Rods W/- 20 Bbls Wtr On TOH, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl. - 11:00 AM MIRUSU, R/D Pmp Unit, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 5 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 2- 2' x 7/8" Pony Subs, 102- 7/8" Guided Rods, 103- 3/4" Plain Rods, 21- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Pmp (Pull Rod On Pmp Stuck Open), Flush Rods W/- 20 Bbls Wtr On TOH, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl. - 11:00 AM MIRUSU, R/D Pmp Unit, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, Unseat Pmp, R/U H/Oiler To Tbg, Pmp 40 Bbls Wtr, Reseat Pmp, Pressure Test Tbg To 3,000 Psi, Good Test, Took 5 Bbls Wtr To Fill, POOH W/- 1 1/2" x 26' Polished Rod, 2- 2' x 7/8" Pony Subs, 102- 7/8" Guided Rods, 103- 3/4" Plain Rods, 21- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Pmp (Pull Rod On Pmp Stuck Open), Flush Rods W/- 20 Bbls Wtr On TOH, SWI, CSDFN @ 6:00 PM, 6:00 To 6:30 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$3,913

1/27/2011 Day: 2

Pump Change

NC #2 on 1/27/2011 - TIH W/- Rod String, PWOP - 5:30 To 6:00 AM OWU, R/U Sandline, RIH Tag Fill @ 6245', No New Fill On PBTD, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 128"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 21- 3/4" Guided Rods, 103- 3/4" Plain Rods, 102- 7/8" Guided Rods, 2- 2' x 7/8" Pony Subs, 1 1/2" x 26' Polished Rod, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 2:30 PM, 64" STL, 5 SPM. FINAL REPORT - 5:30 To 6:00 AM OWU, R/U Sandline, RIH Tag Fill @ 6245', No New Fill On PBTD, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 128"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 21- 3/4" Guided Rods, 103- 3/4" Plain Rods, 102- 7/8" Guided Rods, 2- 2' x 7/8" Pony Subs, 1 1/2" x 26' Polished Rod, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 2:30 PM, 64" STL, 5 SPM. FINAL REPORT - 5:30 To 6:00 AM OWU, R/U Sandline, RIH Tag Fill @ 6245', No New Fill On PBTD, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 128"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 21- 3/4" Guided Rods, 103- 3/4" Plain Rods, 102- 7/8" Guided Rods, 2- 2' x 7/8" Pony Subs, 1 1/2" x 26' Polished Rod, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 2:30 PM, 64" STL, 5 SPM. FINAL REPORT - 5:30 To 6:00 AM OWU, R/U Sandline, RIH Tag Fill @ 6245', No New Fill On PBTD, R/D Sandline, P/U & Stroke Test W/- 2 1/2 x 1 1/2 x 12 x 16' RHAC CDI Rod Pmp (Max STL 128"), TIH W/- Pmp, 6- 1 1/2" x 25' Wt Bars, 21- 3/4" Guided Rods, 103- 3/4" Plain Rods, 102- 7/8" Guided Rods, 2- 2' x 7/8"

Pony Subs, 1 1/2" x 26' Polished Rod, R/U Pmp Unit, R/U H/Oiler To Tbg, Fill & Test To 800 Psi Using Pmp Unit, Good Test, Took 6 Bbls Wtr To Fill, PWOP @ 2:30 PM, 64" STL, 5 SPM. FINAL REPORT **Finalized**

Daily Cost: \$0

Cumulative Cost: \$10,129

3/7/2011 Day: 1

Conversion

WWS #7 on 3/7/2011 - MIRU Western rig #7. Fished parted rods. Started LD rod string. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & PU on rod string--short on string wt. Try to screw string together--no change. TOH to find parted cplg on btm of rod #137. TIH W/ overshot & latch onto rod string. Unseat pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. W/ tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 138 rods and fish. PU polished rod & SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & PU on rod string--short on string wt. Try to screw string together--no change. TOH to find parted cplg on btm of rod #137. TIH W/ overshot & latch onto rod string. Unseat pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. W/ tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 138 rods and fish. PU polished rod & SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & PU on rod string--short on string wt. Try to screw string together--no change. TOH to find parted cplg on btm of rod #137. TIH W/ overshot & latch onto rod string. Unseat pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. W/ tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 138 rods and fish. PU polished rod & SIFN. - MIRU Western rig #7. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & PU on rod string--short on string wt. Try to screw string together--no change. TOH to find parted cplg on btm of rod #137. TIH W/ overshot & latch onto rod string. Unseat pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. W/ tbg full, pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 138 rods and fish. PU polished rod & SIFN. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$43,003

3/8/2011 Day: 2

Conversion

WWS #7 on 3/8/2011 - Con't LD rod string. TOH W/ production tbg. TIH W/ packer & test injection string. - RU HO trk & flush tbg & rods W/ 60 BW @ 250°F. Con't LD rod string & pump. ND wellhead & release TA @ 5830'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 155 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Seems to be holding--will watch overnight. - RU HO trk & flush tbg & rods W/ 60 BW @ 250°F. Con't LD rod string & pump. ND wellhead & release TA @ 5830'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 155 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Seems to be holding--will watch overnight. - RU HO trk & flush tbg & rods W/ 60 BW @ 250°F. Con't LD rod string & pump. ND wellhead & release TA @ 5830'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 155 jts 2 7/8

8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Seems to be holding--will watch overnight. - RU HO trk & flush tbg & rods W/ 60 BW @ 250°F. Con't LD rod string & pump. ND wellhead & release TA @ 5830'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 155 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Seems to be holding--will watch overnight. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$47,824

3/9/2011 Day: 3

Conversion

WWS #7 on 3/9/2011 - Confirmed tbg test. Set & test packer. RDMOSU. - RU HO trk & thaw tbg stump. SITP @ 2400 psi. Bump pressure back up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4927', CE @ 4932' & EOT @ 4936'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk & thaw tbg stump. SITP @ 2400 psi. Bump pressure back up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4927', CE @ 4932' & EOT @ 4936'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk & thaw tbg stump. SITP @ 2400 psi. Bump pressure back up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4927', CE @ 4932' & EOT @ 4936'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU. - RU HO trk & thaw tbg stump. SITP @ 2400 psi. Bump pressure back up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4927', CE @ 4932' & EOT @ 4936'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holds solid for 1 hour. RDMOSU.

Daily Cost: \$0

Cumulative Cost: \$52,961

3/28/2011 Day: 4

Conversion

Rigless on 3/28/2011 - Conversion MIT - On 3/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Federal 44-33B-8-16). On 3/22/2011 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 300 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31270 - On 3/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Federal 44-33B-8-16). On 3/22/2011 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 300 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31270 - On 3/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Federal 44-33B-8-16). On 3/22/2011 the csg was pressured up to 1025 psig and charted for

30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 300 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31270 - On 3/18/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the Conversion MIT on the above listed well (Federal 44-33B-8-16). On 3/22/2011 the csg was pressured up to 1025 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test The tbg pressure was 300 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) Final Report API# 43-013-31270 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$78,281

Pertinent Files: [Go to File List](#)



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

UNDERGROUND INJECTION CONTROL PERMIT

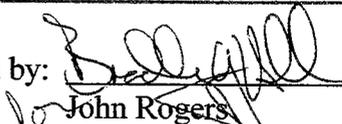
Cause No. UIC-369

Operator: Newfield Production Company
Well: Federal 44-33-B
Location: Section 33, Township 8 South, Range 16 East
County: Duchesne
API No.: 43-013-31270
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 31, 2011.
2. Maximum Allowable Injection Pressure: 1,878 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,261' – 6,279')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by: _____


for John Rogers
Associate Director

04-14-11

Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



43-013-31270

Well Name: Federal 44-33B-8-16

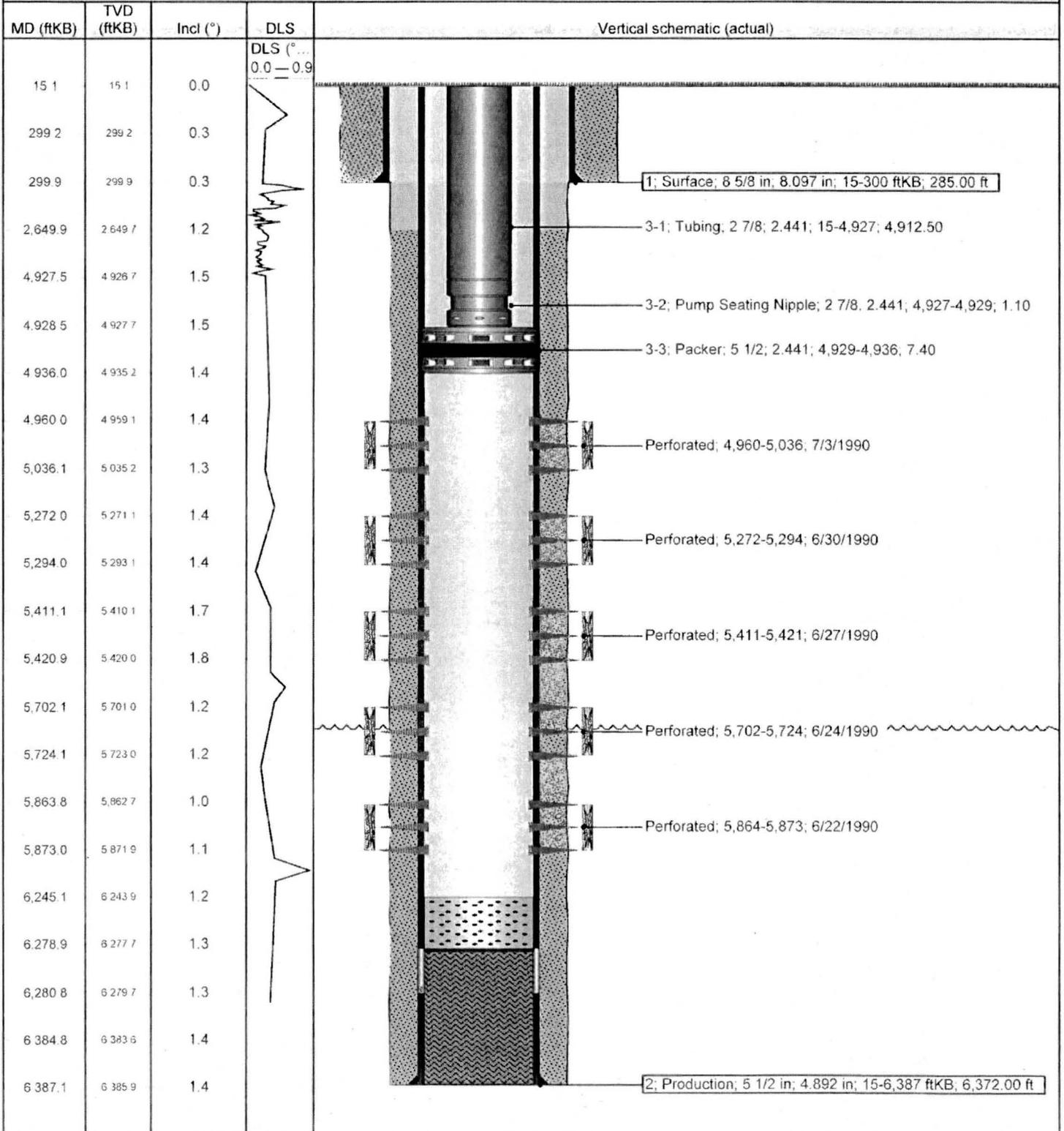
Surface Legal Location 33-8S-16E		API/UA# 43013312700000	Well RC 500151073	Lease	State/Province Utah	Field Name GMBU CTB4	County DUCHESNE
Spud Date 4/25/1990	Rig Release Date 5/26/1990	On Production Date 7/24/1990	Original KB Elevation (ft) 5,711	Ground Elevation (ft) 5,696	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,279.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 3/4/2011	Job End Date 3/22/2011
---------------------------------------	--------------------------------	-----------------------------	----------------------------	---------------------------

TD: 6,387.0

Vertical - Original Hole, 11/11/2015 9:45:24 AM





Newfield Wellbore Diagram Data Federal 44-33B-8-16

Surface Legal Location 33-8S-16E		API/UM 43013312700000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 4/25/1990		Spud Date 4/25/1990		Final Rig Release Date 5/26/1990	
Original KB Elevation (ft) 5.711		Ground Elevation (ft) 5.696		On Production Date 7/24/1990	
Total Depth (ftKB) 6,387.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,279.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	4/29/1990	8 5/8	8.097	24.00	K-55	300
Production	5/26/1990	5 1/2	4.892	17.00	K-55	6,387

Cement

String: Surface, 300ftKB 4/29/1990

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 15.0	Bottom Depth (ftKB) 300.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL+1/4#/sk Celloflake	Fluid Type Lead	Amount (sacks) 225	Class	Estimated Top (ftKB) 15.0

String: Production, 6,387ftKB 5/26/1990

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 2,650.0	Bottom Depth (ftKB) 6,387.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 240	Class HILIFT	Estimated Top (ftKB) 2,650.0
Fluid Description	Fluid Type Tail	Amount (sacks) 715	Class 10-0 RFC	Estimated Top (ftKB) 4,518.0

Tubing Strings

Tubing Description Tubing				Run Date 3/8/2011	Set Depth (ftKB) 4,936.0			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	155	2 7/8	2.441	6.50	J-55	4,912.50	15.0	4,927.5
Pump Seating Nipple		2 7/8	2.441			1.10	4,927.5	4,928.6
Packer		5 1/2	2.441			7.40	4,928.6	4,936.0

Rod Strings

Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	6.245	6.279	12/6/2010	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	Green River, Original Hole	4,960	5,036	4	90		7/3/1990
4	Green River, Original Hole	5,272	5,294	4	90		6/30/1990
3	Green River, Original Hole	5,411	5,421	4	90		6/27/1990
2	Green River, Original Hole	5,702	5,724	4	90		6/24/1990
1	Green River, Original Hole	5,864	5,873	4	90		6/22/1990

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2				3,500			
3				2,700			
4				2,460			
5				2,570			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 65490 lb
2		Proppant Sand 86735 lb
3		Proppant Sand 60890 lb
4		Proppant Sand 86725 lb
5		Proppant Sand 112455 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-49092
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: FEDERAL 44-33-B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013312700000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0666 FSL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 33 Township: 08.0S Range: 16.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/18/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 02/16/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 02/18/2016 the casing was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1634 psig during the test. There was a State representative available to witness the test - Amy Doebele.</p>		
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 25, 2016</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/24/2016	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Amy Doebele Date 2/18/16 Time 12:08 am (pm)

Test Conducted by: Mike Jensen

Others Present: Justin Hollinger

Well: Greater Monument Butte 44-33B-8-16 Field: Greater Monument Butte
 Well Location: SE/SE Sec. 33, T8S, R16E API No: 43-013-31270

Time	Casing Pressure		psig
	Test 1	Test 2	
0 min	1120	1050	psig
5	1120	1050	psig
10	1120	1060	psig
15	1100	1060	psig
20	1100		psig
25	1100		psig
30 min	1100		psig
35	1100		psig
40	1100		psig
45	1090		psig
50	1090		psig
55	1090		psig
60 min	1090		psig

Test 2

Tubing pressure: 1634 psig

Result: Pass Fail

Signature of Witness:

Amy Doebele

Signature of Person Conducting Test:

Mike Jensen

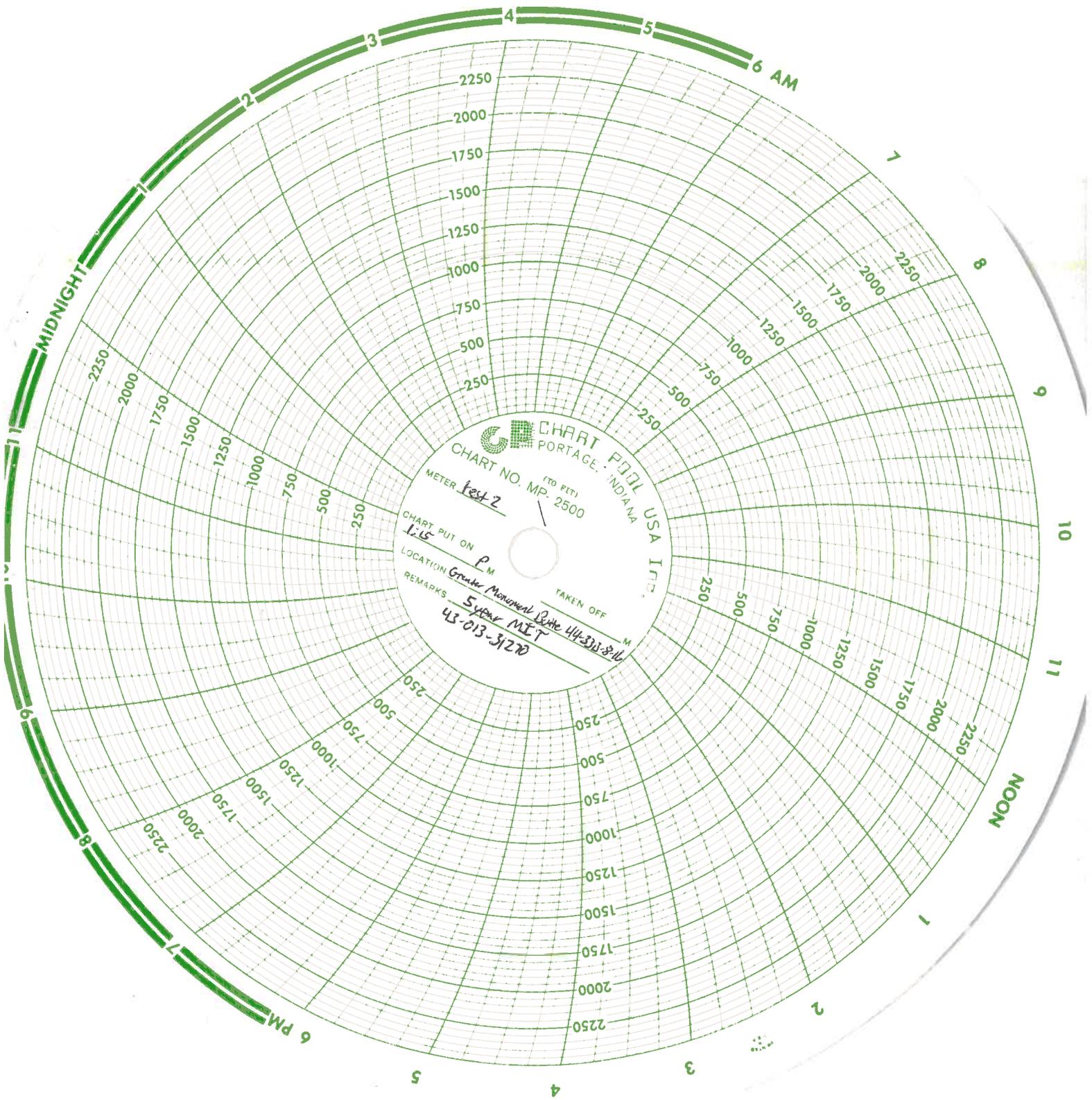


CHART PORTAGE FUEL USA INC.
CHART NO. MP-2500
METER *test 2*
CHART PUT ON *1:15 P.M.*
LOCATION *Greater Monument Drive 44-318-811*
REMARKS *5 year MIT 43-013-31270*
TAKEN OFF _____