

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-45555
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Aljotee or Tribe Name: n/a
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: n/a
2. Name of Operator: Equitable Resources Energy Company		8. Farm or Lease Name: Monument State
3. Address and Telephone Number: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860		9. Well Number: #41-2-9-17CD
4. Location of Well (Footages) At Surface: NE NE Sec. 2, T9S, R17E 662' FNL, 660' FEL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Mon. Butte/Green River
14. Distance in miles and direction from nearest town or post office: Approximately 16.2 southwest of Myton, Utah		11. Qtr/Qtr, Section, Township, Range, Meridian: NE NE 2, T9S, R17E
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	12. County: Uintah
17. Number of acres assigned to this well:	13. State: UTAH	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,700'	20. Rotary or cable tools: Rotary
21. Elevations (show whether DF, FT, GF, etc.): GL 4989	22. Approximate date work will start: April 1, 1997	

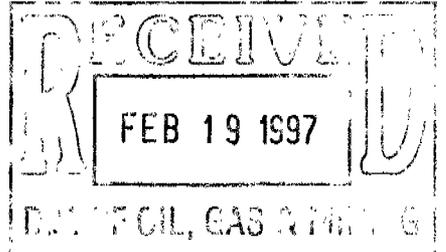
CONFIDENTIAL

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program and Casing Design				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Operator plans to drill this well in accordance with the attached EXHIBITS.

ORIGINAL: Utah Division of Oil, Gas and Mining



24. Name & Signature: Robbie Schuman *Robbie Schuman* Title: Regulatory and Environmental Specialist Date: 2/18/97

API Number Assigned: 43-047-32843 Approval: *[Signature]* 3/18/97

CONFIDENTIAL

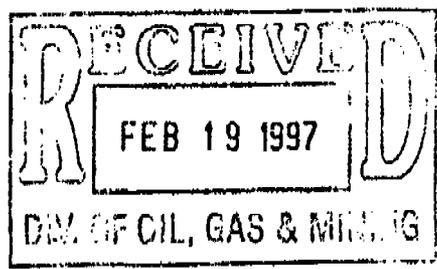
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1 space for State use only

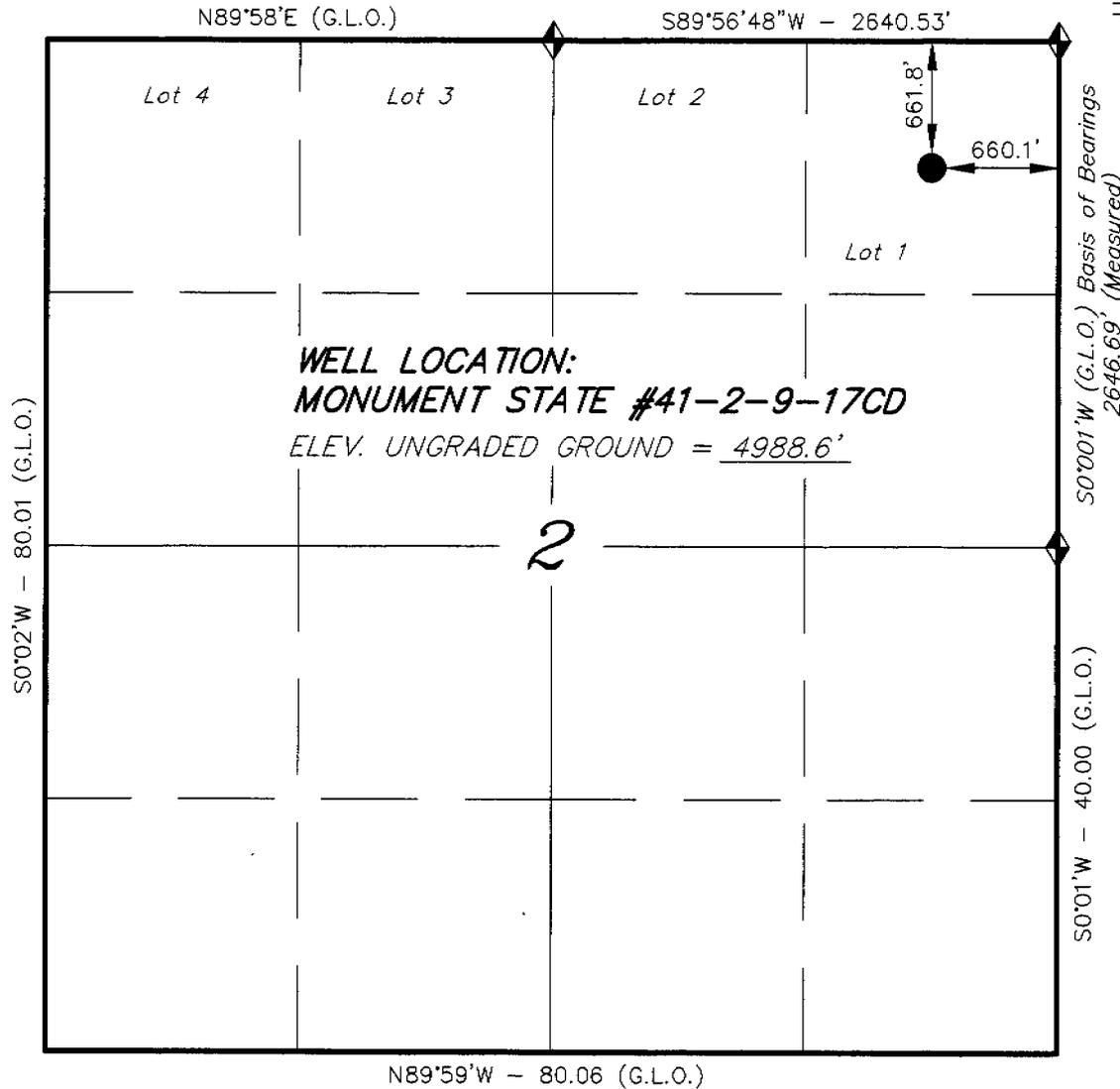
API Number Assigned: 43-047-32843 Approved: *[Signature]* 3/18/97

K

T9S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT STATE #41-2-9-17CD, LOCATED AS SHOWN IN LOT 1 OF SECTION 2, T9S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.



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.

Stacy W. Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: D.S. E.S.

DATE: 12-30-96

WEATHER: COOL

NOTES:

FILE #

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M ARCHEOLOGICAL/PALEONTOLOGICAL CLEARANCE REPORT

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument State #41-2-9-17CD
NE NE Section 2, T9S , R17E
Uintah County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.
- d. It is anticipated that operator will use new casing.

SURFACE USE PROGRAM
EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument State #41-2-9-17CD
NE NE Section 2 T9S, R17E
Uintah County, Utah

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south (left) on the Sand Wash road for approximately 11.7 miles to a road intersection. Turn left and continue 1.4 miles to a road intersection. Turn right and proceed 0.9 miles to the proposed access road sign. Follow flags 0.6 miles to location.
- b. No existing roadways need to be upgraded for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.6 miles of new access is required.
- b. All travel will be confined to location and access routes.
- c. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. See EXHIBIT "J" for the Proposed Production Facility layout.
- c. A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater)/. These dikes will be constructe of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and bbe independent of the back cut.
- d. All permanent (onsite for six months or longer) above-ground structures constructed or installed (including pumping units) will be painted ithin six (6) months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Ken Richens, Water Right 43-1721, Cert. 5421. which is in the NW SW Section 34, T3S, R2W, Duchesne County UT. A copy of the water right paperwork has been submitted to the Vernal District Bureau of Land Management and the State of Utah Division of Oil, Gas and Mining.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined with a 12 mil plastic reinforced liner. The liner will be torn and perforated before backfilling of the reserve pit. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".

- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the south side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the north side between Corners 2 and 8.
- h. Access to the wellpad will be from the south at Corner 6.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The DOGM will be notified of of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured in accordance with the agreement with the private surface owner.

The reserve pit will be reclaimed in accordance with agreement with the private surface owner. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

State of Utah
c/o Division of Oil, Gas and Mining
1594 West North Temple
Salt Lake City, UT 84114-5801

12. OTHER INFORMATION:

- a. Operator will have on site a copy of the Permit, including Surface Use Program and a copy of the supplemental conditions.
- b. Drilling operations will be conducted in accordance with the State of Utah Division of Oil, Gas and Mining conditions of approval when received.
- c. All surface disturbance and reclamation will be done in accordance with State DOGM conditions of approval.
- d. An archeological/palentological clearance is included as EXHIBIT "A" *OK/ra*

13. **Lessee's or Operator's Representative:**

Equitable Resources Energy Company, Western Region
1601 Lewis Avenue
Billings, Montana 59102
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Operations Manager Home: (406) 248-3864
Mobile: (406) 698-3732

Dan Farnsworth, Production Supervisor Mobile: (801) 823-6869
Home: (801) 722-3463

14. CERTIFICATION:

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 presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

February 18, 1997
Date

Bobbie Schuman
Bobbie Schuman
Regulatory Specialist
Equitable Resources Energy Company



Well Prognosis

ML-45555

Well Name MONUMENT STATE #41-2-9-17CD				Control Well			
Location NE/NE SECTION 2-T9S-R17E (662' FNL, 660' FEL)				Operator EREC			
County/State UINTAH, UTAH				Well Name MONUMENT STATE 31-2			
Field CASTLE DRAW		Well Type DEVELOPMENT		Location NW/NE SEC. 2-T9S-R17E			
GL (Ung) 4989	EST. KB 4999	Total Depth 5700		KB 5012			

Formation	Prognosis		Sample Top		Control Well	High/Low	
	Depth	Datum	Depth	Datum	Datum	Prog	Control Deviation
UINTA	surface						
GREEN RIVER	1490	3509			3529		
HORSE BENCH SS	2370	2629			2649		
2ND GARDEN GULCH	3945	1054			1074		
Y-3 (PAY)	4315	684			704		
YELLOW MARKER	4549	450			470		
DOUGLAS CREEK	4713	286			306		
R-2 (PAY)	4785	214			234		
R-5 (PAY)	4906	93			113		
2ND DOUGLAS CREEK	4964	35			55		
GREEN MARKER	5111	-112			-92		
G-4 (PAY)	5244	-245			-225		
G-5 (PAY)	5301	-302			-282		
CARBONATE MARKER	5550	-551			-531		
TD	5700						

Samples
 50' FROM 1400' TO 4000'
 20' FROM 4000' TO TD
 5' THROUGH EXPECTED PAY
 5' THROUGH DRILLING BREAKS

DST,s
 DST #1 NONE
 DST #2
 DST #3
 DST #4

Wellsite Geologist
 Name: _____
 From: _____ To: _____
 Address: _____
 Phone # _____ wk.
 _____ hm.
 Fax # _____

Logs
 DLL FROM SURF CSNG TO TD
 LDT/CNL FROM 3900 TO TD

Cores
 Core #1 NONE
 Core #2
 Core #3
 Core #4

Mud Logger
 Company: NORTHWEST
 From: 1400 To: TD
 Type: 2 MAN
 Logger: _____
 Phone # _____
 Fax # _____

Comments:

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. (406)245-2261 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # (406) 259-7860 wk. (406)248-7026 hm.
Prepared By: BICKERSTAFF 1/96 Phone # _____ wk. _____ hm.



**EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION**

D

DRILLING PROGRAM

WELL NAME: Monument State #41-2-9-17CD DATE: 1-19-97
 PROSPECT/FIELD: Castle Draw
 LOCATION: NE NE Section 2 Twn.9S Rge.17E
 COUNTY: Uintah
 STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
 7 7/8" 260' to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5700'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele.
 (Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Strght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
 (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

D

Operator: EREC	Well Name: M.S. 41-2-9-17CD
Project ID:	Location: Unitah/Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2036 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,700	5-1/2"	15.50	K-55	ST&C	5,700	4.825		
	Collapse Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2606	4040	1.550	2606	4810	1.85	88.35	222	2.51 J

Prepared by : *McCoskery, Billings, Montana*
 Date : 01-19-1997
 Remarks :

Design is for a Production string.

Minimum segment length for the 5,700 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,606 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

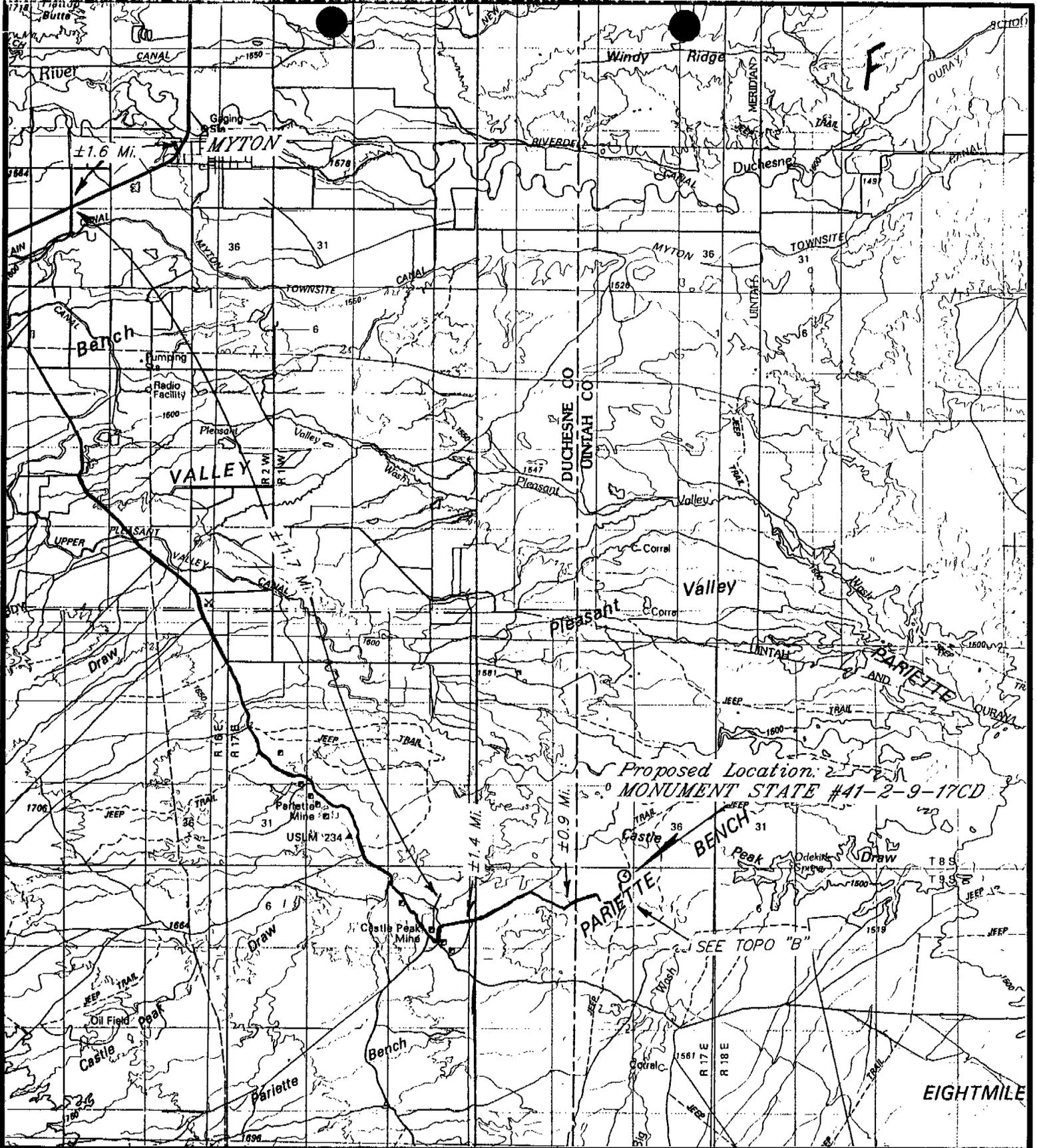
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95
/rs



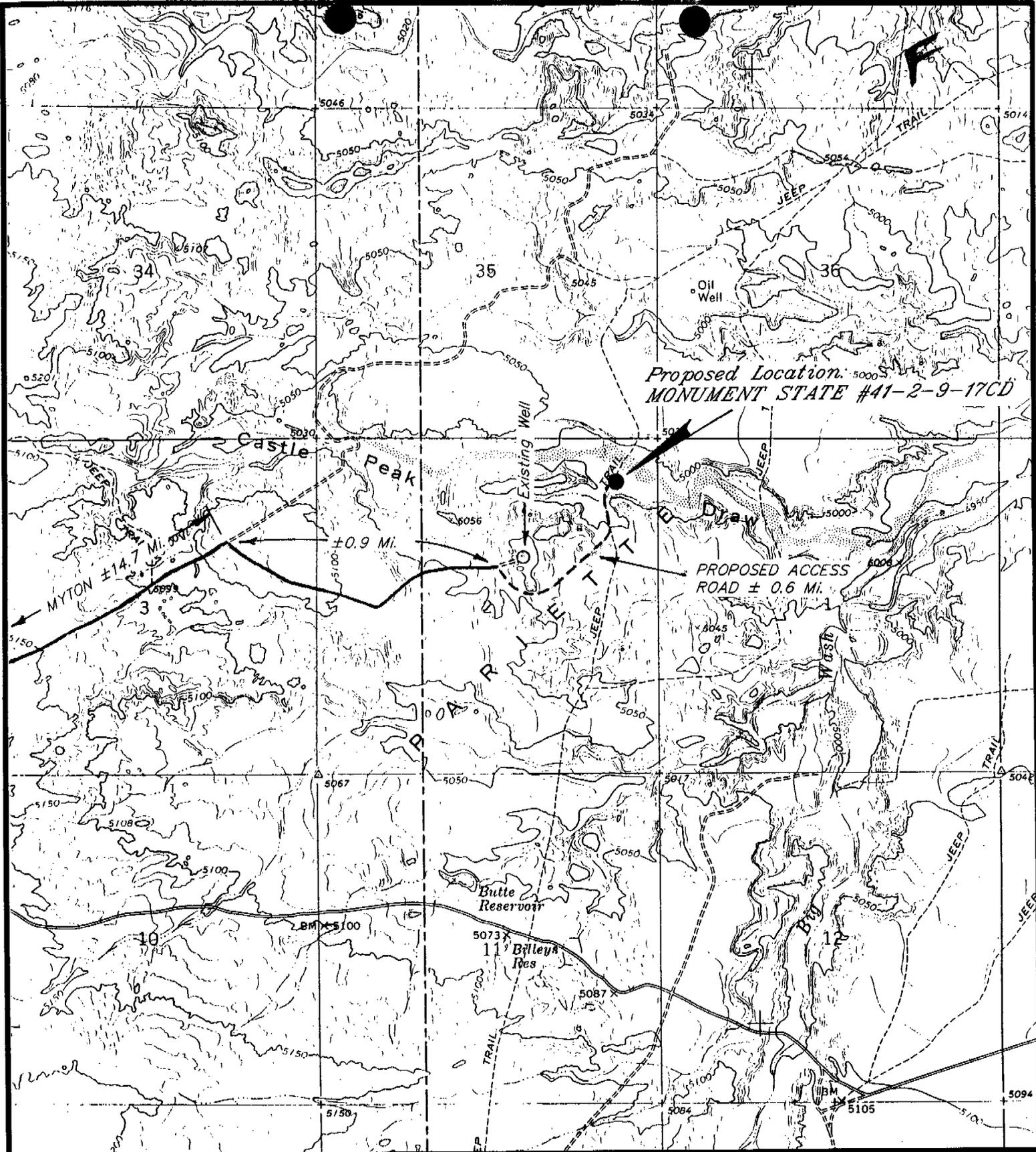
EQUITABLE RESOURCES CO.

MONUMENT STATE #41-2-9-17CD
 SEC. 2, T9S, R17E, S.L.B.&M.
 TOPO "A"



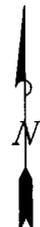
Tri State
 Land Surveying, Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT STATE #41-2-9-17CD
 SEC. 2, T9S, R17E, S.L.B.&M.
 TOPO "B"



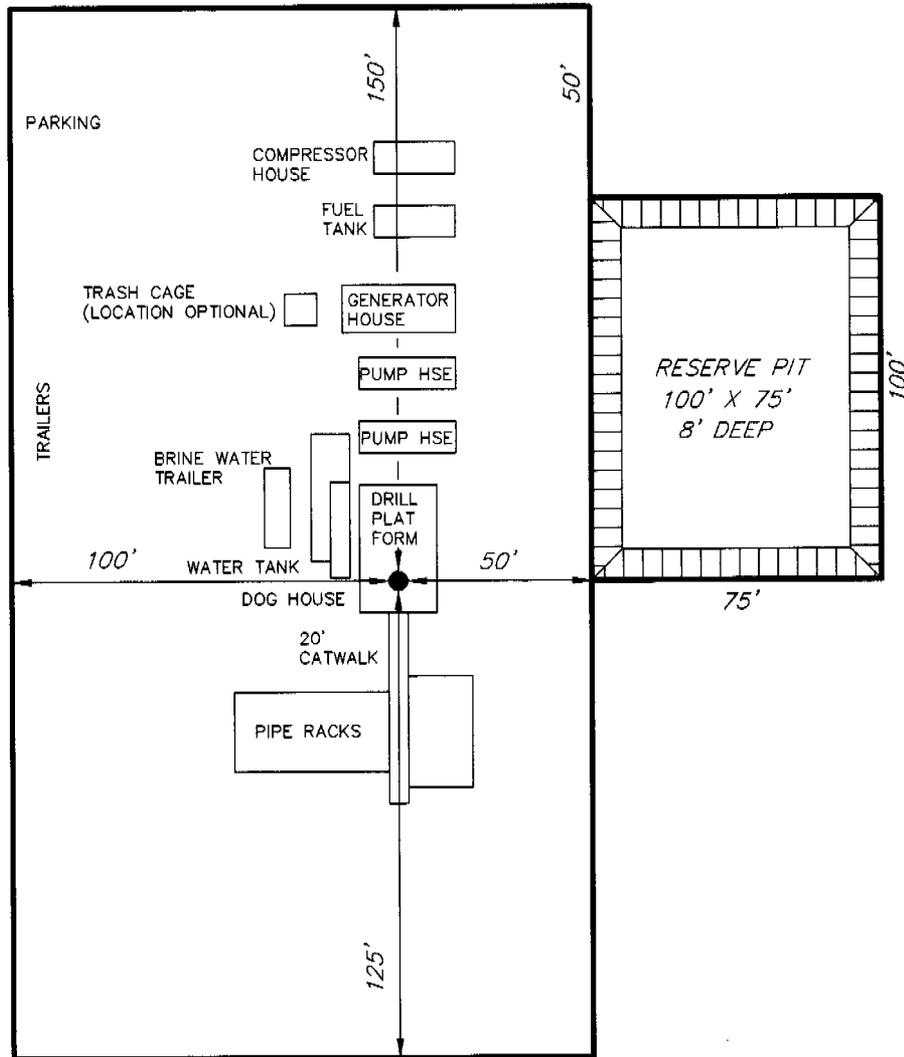
SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

G

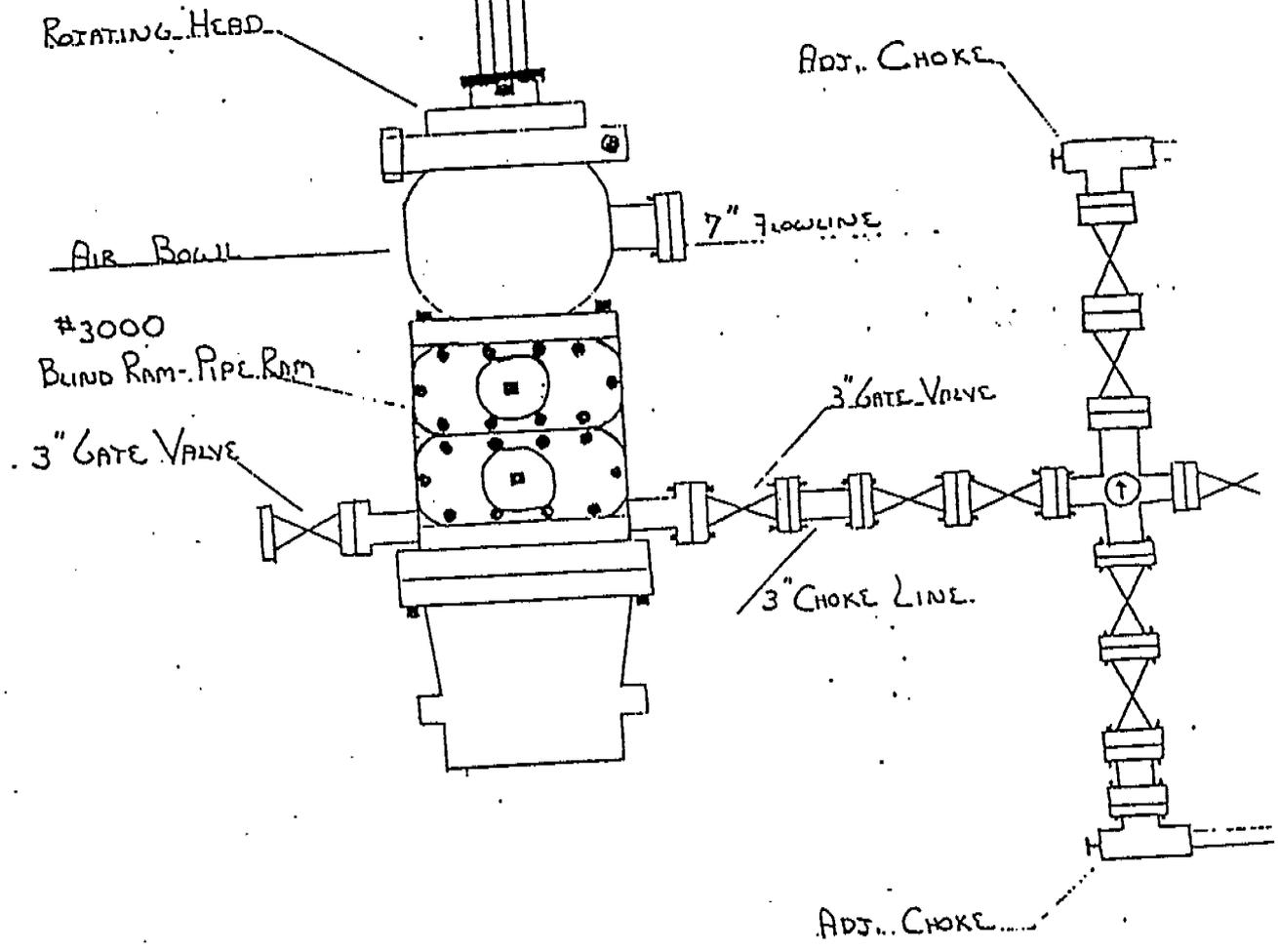
TYPICAL RIG LAYOUT
MONUMENT STATE #41-2-9-17CD



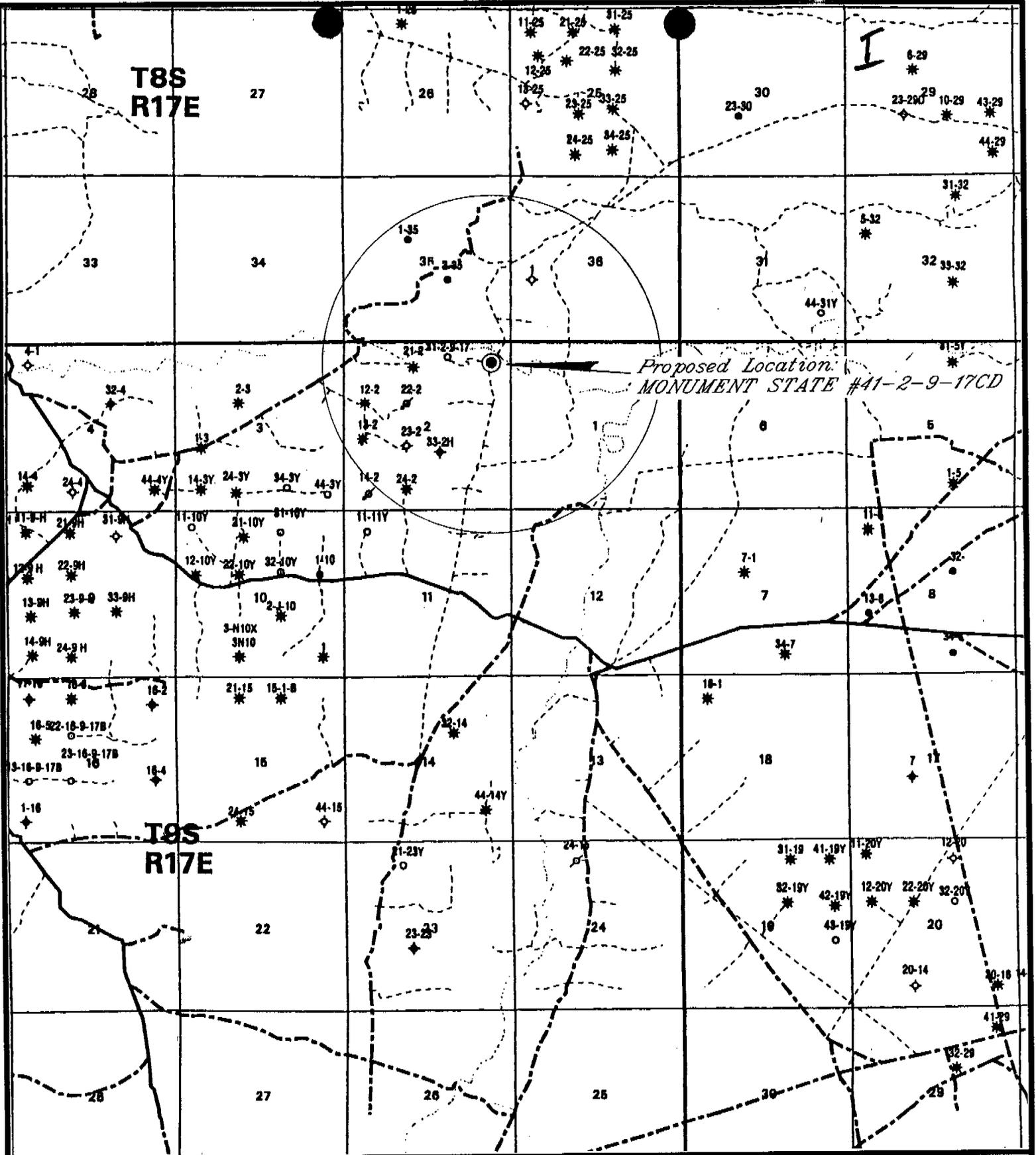
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(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

Hex Kelly -



#3000 Stack



T8S
R17E

T9S
R17E

Proposed Location:
MONUMENT STATE #41-2-9-17CD

EQUITABLE RESOURCES CO.

MONUMENT STATE #41-2-9-17CD
SEC. 2, T9S, R17E, S.L.B.&M.
TOPO "C"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

LAYOUT 1

4

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

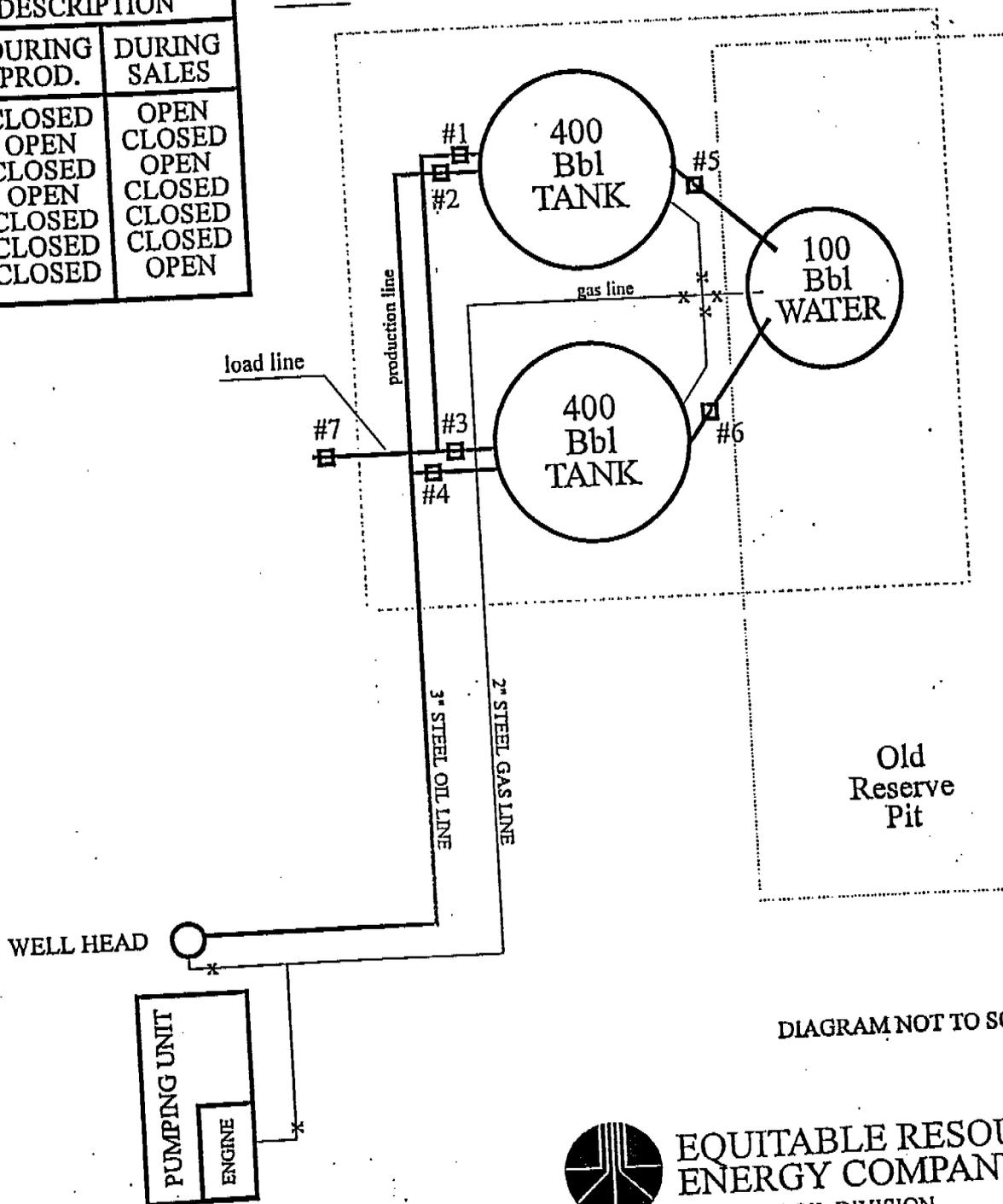


DIAGRAM NOT TO SCALE

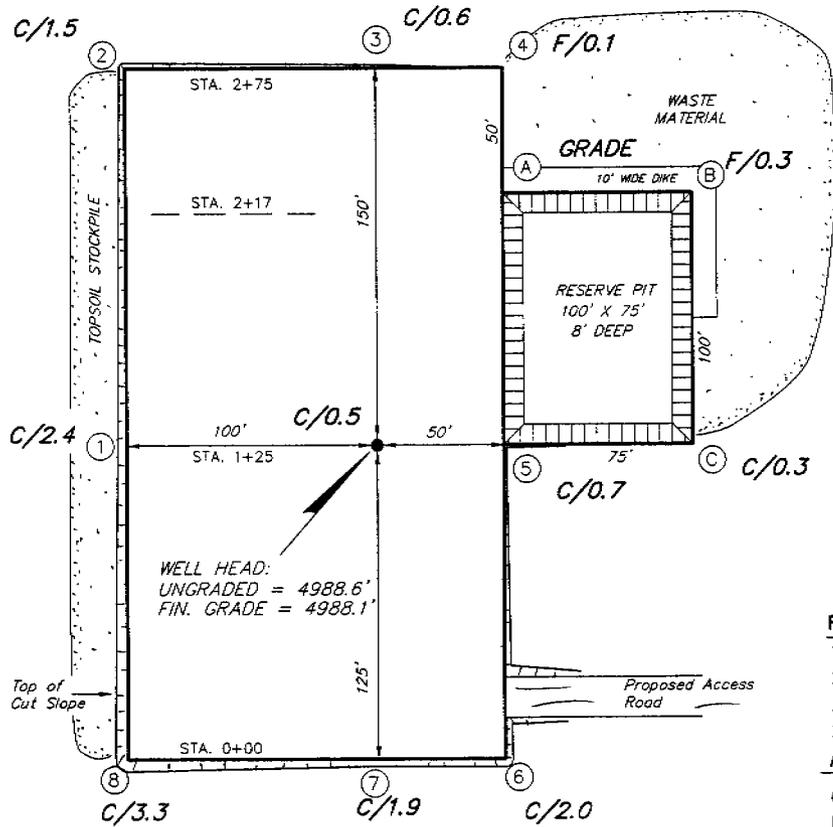
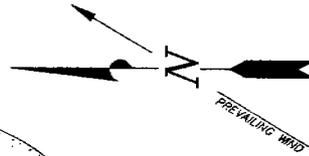


EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION
 1601 Lewis Avenue
 Billings, MT 59104
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT STATE #41-2-9-17CD
 SEC. 2, T9S, R17E, S.L.B.&M.

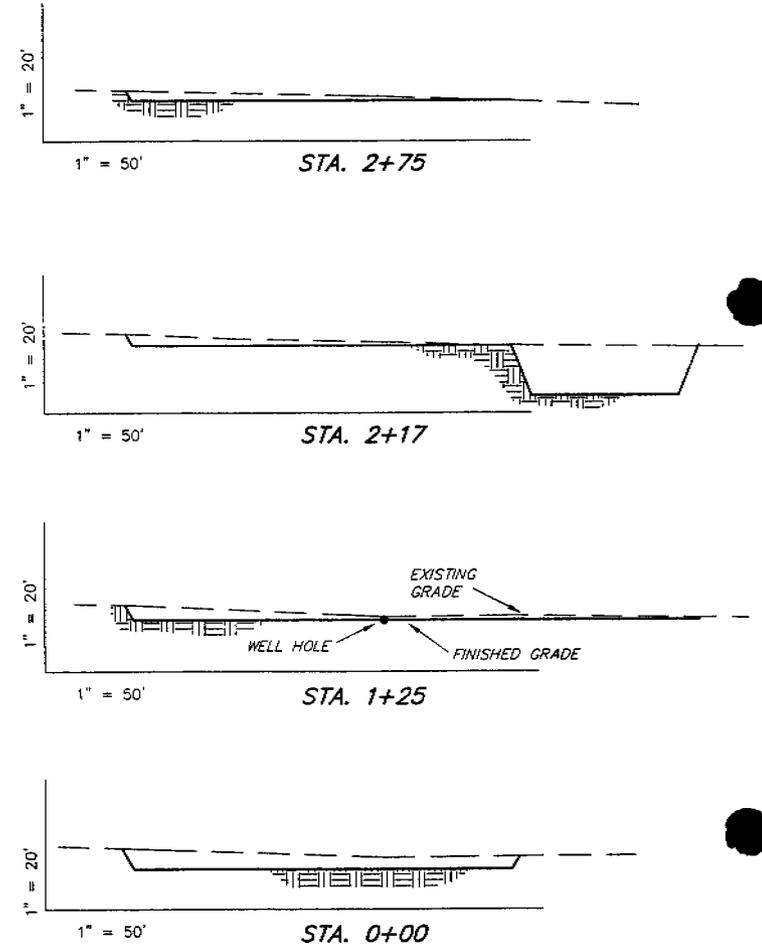


REFERENCE POINTS

- 150' NORTH = 4991.0'
- 200' NORTH = 4992.1'
- 200' EAST = 4988.3'
- 250' EAST = 4988.3'

APPROXIMATE YARDAGES

- CUT = 1,100 Cu. Yds.
- FILL = 50 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: D.S.

DRAWN BY: J.R.S.

DATE: 12-30-96

SCALE: 1" = 50'

FILE:

Tri State
 Land Surveying, Inc.
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 38 WEST 100 NORTH VERNAL, UTAH 84078

7

M

CULTURAL RESOURCE INVENTORIES OF EQUITABLE RESOURCES
MONUMENT FEDERAL AND STATE NINE WELL LOCATIONS IN
DUCHESNE AND UINTAH COUNTIES, UTAH

by

Keith R. Montgomery

Prepared For:

Bureau of Land Management
Diamond Mountain Resource Area
Vernal District
and
State of Utah

Prepared Under Contract With:

Equitable Resources Energy Company
1601 Lewis Ave
Billings, Montana 59102

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

January 1997

United States Department of Interior (FLPMA)
Permit No. 96-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-97-MQ-0003b,s

ABSTRACT

Cultural resource inventories of nine Equitable Resources proposed well locations and access roads were conducted by Montgomery Archaeological Consultants in January, 1997. The project area is situated in the Wells Draw, Pariette Draw and Castle Peak Draw localities, Duchesne County and Uintah Counties, Utah. The proposed well locations are designated Monument Federal 21-6-9-16Y, 23-6-9-16Y, 32-5-9-17, 43-22-8-17Y, 44-23-8-17H, 34-31-8-18Y, 43-31-8-18Y, and Monument State 41-2-9-17CD and 42-2-9-17CD. The acreage included 89.7 acres on BLM land (Diamond Mountain Resource Area) and 31.5 acres on State of Utah lands.

The survey resulted in the documentation of one prehistoric site (42Un2396) and five prehistoric isolated finds of artifacts. Site 42Un2396 is a limited activity lithic scatter lacking temporal diagnostic artifacts and is considered not eligible for nomination to the NRHP. The five isolated finds of artifacts are also evaluated as not eligible to the NRHP, since they lack additional research potential. No paleontological resources were identified in the immediate project area.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

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INTRODUCTION

Cultural resource inventories were conducted by Montgomery Archaeological Consultants for nine proposed well locations and associated access roads in January 1997. The project area occurs south of Pleasant Valley in the Wells Draw, Pariette Draw and Castle Peak Draw localities, Duchesne County and Uintah Counties, Utah. The survey was implemented at the request of Ms. Bobbie Schumann, Regulatory and Environmental Specialist, Equitable Resources Energy Company, Billings, Montana. The project area occurs on public land administered by the Bureau of Land Management (BLM), Diamond Mountain Resource Area (Vernal District) and on State of Utah lands.

The objective of the inventories was to locate, document and evaluate any cultural resources and paleontological localities within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants under the auspices of U.S.D.I. (FLPMA) Permit No. 96-UT-60122 and State of Utah Antiquities Project (Survey) No. U-97-MQ-0003b,s. A file search for previous archaeological projects and documented cultural resources was conducted at the BLM Vernal District office on January 9, 1997, and by Evie Seelinger at Utah State Preservation Office, Salt Lake City. These record consultations indicated that numerous inventories have been completed in the area primarily for energy exploration. In the Wells Draw locality numerous archaeological surveys have been completed (Alexander 1985; Hartley 1984; Hauck 1982, 1984, 1996; Hauck and Hayden 1993, 1994; Montgomery and Montgomery 1996; Simmons 1993; Tate 1984; Weymouth and Langley 1996). Documented prehistoric sites in this area consist mainly of small lithic scatters, some containing chipped stone tools, (42Dc344, 42Dc388, 42Dc538 and 42Dc586). Only one site contained ceramic sherds (42Dc938), and features (e.g. hearths or slab-lined features) were documented at three sites (42Dc533, 42Dc537 and 42Dc792) in the area. Historic sites recorded in the vicinity include small trash scatters interpreted as transient sheep camps (42DC389, 42Dc794, 42Dc1054 and 42Dc1055), and a sandstone benchmark monument (42Dc984). In the Pariette Draw area several surveys have been completed in the vicinity of the proposed well locations (Phillips 1990; Polk 1991; Beaty 1995). In the Castle Draw locality a number of archaeological surveys have been completed in the project area for energy exploration (Hauck 1994; Hauck and Hadden 1993; Phillips 1983). Documented sites in T. 9S., R. 17E., S. 2 include 42Un1320, a lithic scatter (Phillips 1983); and 42Un2210, a prehistoric rock shelter (Hauck 1994). No cultural resources have been documented on the proposed Equitable Resources well locations or access roads.

The file search for paleontological resources in the project area was performed by Martha Hayden of the Utah Geological Survey, Salt Lake City. The records indicated that a number of paleontological localities have been documented in the Castle Peak Draw and Pariette Draw by Alden Hamblin of Coyote Basin Paleontology. In T. 8S., R. 18E., S. 31 two paleontological localities (42Un924V and 42Un925VP) were documented along Lomax Exploration's State 5-32 well location and access road (Hamblin 1995). Fossil remains found at these localities included turtle, crocodile, fish, plant, and petrified wood specimens derived from the Upper Eocene Uinta Formation. 42Un924V occurs approximately 150 ft north of the proposed Equitable Resources Well Location 43-31-8-18Y access road. Additional monitoring by the paleontologist at 42Un924 resulted in no important or significant fossil specimens exposed in the area of proposed Equitable Resources Well Location 43-31-8-18Y (Alden Hamblin, personal communication 1996). In T. 9S, R. 17E., S. 2 several specimens of turtle shell (42Un890V and 42Un891V) have been documented along Balcron Oil's Monument State

22-2 and 32-2 well locations (Hamblin 1993). In T. 9S., R. 17E., S. 5 an in-situ turtle fossil (42Dc215V) and a layer of turtle shell as well as mammal bone (42Dc112V) have been documented along several Balcron Oil well locations. In summary, although numerous fossils have been found in the area, no paleontological sites occur in the immediate project area.

DESCRIPTION OF PROJECT AREA

The project area lies in the Wells Draw, Castle Draw, and Pariette Draw localities of the Uinta Basin, of Myton, Utah. Topographically, this area consists of broad erosional benches and sandstone bluffs of highly dissected sandstone and mudstone formations, dissected by numerous intermittent drainages. In general the geology is formed by young tertiary age formations overlying Cretaceous formations. The early Tertiary period sedimentary unit is divided into the Paleocene and Eocene epochs, consisting of the North Horn, Flagstaff, Green River, Uinta and Duchesne River Formations (Stokes 1986:154-155). In the Pariette Bench area, rock outcrops of the Upper Eocene Uinta Formation are recognized for vertebrate fossils which include mammals, turtles, crocodylians and occasional fish remains. The project area occurs within the Upper Sonoran vegetation zone, dominated by a shadscale community intermixed with rabbitbrush, greasewood, snakeweed, prickly pear cactus, yucca, and a variety of low grasses. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

The inventory area consists of nine proposed well locations with access roads (Figure 1 through 5 and Table 1). The legal description for the project area is T. 8S., R. 17E., S. 22 and 23; T. 8S., R. 18E., S. 31; T. 9S., R. 16E., S. 6 and T. 9S., R. 17E., S. 2 and 5. The project area occurs on public land administered by the BLM, Diamond Mountain Resource Area, Vernal District and State of Utah land.

Table 1. Monument Federal and State Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road	Cultural Resources
112 Federal 21-6-9-16Y	T9S R16E S6 NE/NW	663.4' FNL 1727.5' FWL	1000' (BLM)	None
✓ Federal 23-6-9-16Y	T9S R16E S6 NE/SW	1938.3' FSL 1756.2' FWL	600' (BLM)	IF-A
✓ Federal 32-5-9-17	T9S R17E S5 SW/NE	1833.0' FNL 1913.0' FEL	500' (BLM)	IF-B
✓ Federal 43-22-8-17	T8S R17E S22 NE/SE	2173.6' FSL 557.1' FEL	600' (BLM)	None
✓ Federal 44-23-8-17H	T8S R17E S23 SE/SE	825.4' FSL 730.6' FEL	200' (BLM)	None
✓ State 41-2-9-17CD	T9S R17 S2 NE/NE	661.8' FNL 660.1' FEL	700' (State)	42Un2396
✓ State 42-2-9-17CD	T9S R17E S2 SE/NE	1985.3' FNL 660.3' FEL	2000' (State)	None
✓ Federal 34-31-8-18Y	T8S R18E S31 SW/SE	635.7' FSL 2160.0' FEL	5600' (BLM) 2300' (State)	IF-C & IF-D
✓ Federal 43-31-8-18Y	T8S R18E S31 NE/SE	1763.6' FSL 623.0' FEL	100' (BLM)	IF-E

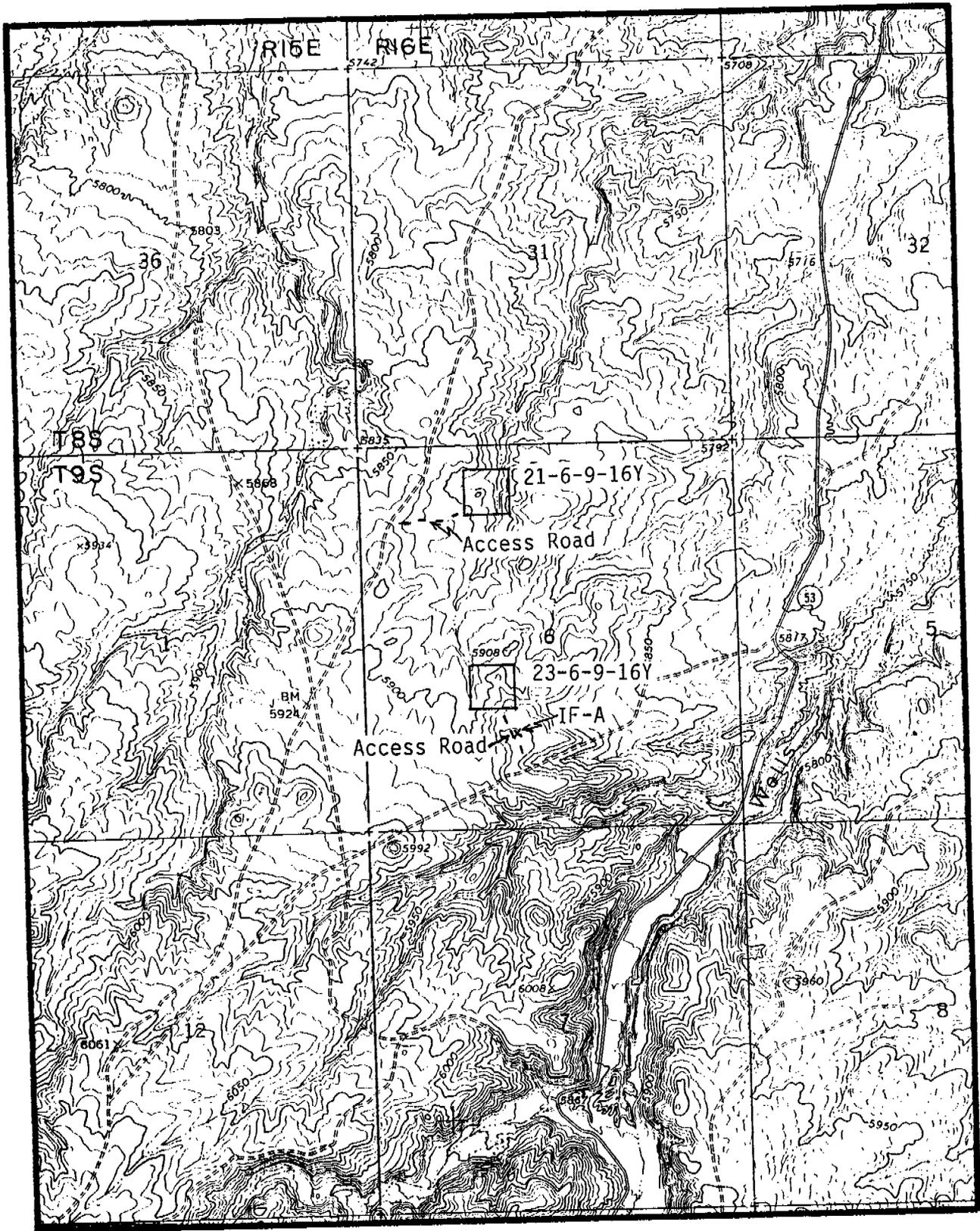


Figure 1. Equitable Resources Monument Federal 21-6-9-16Y and 23-6-9-16Y, Access Roads and Cultural Resources. USGS Myton SW, UT 7.5', 1964. Scale 1:24000.

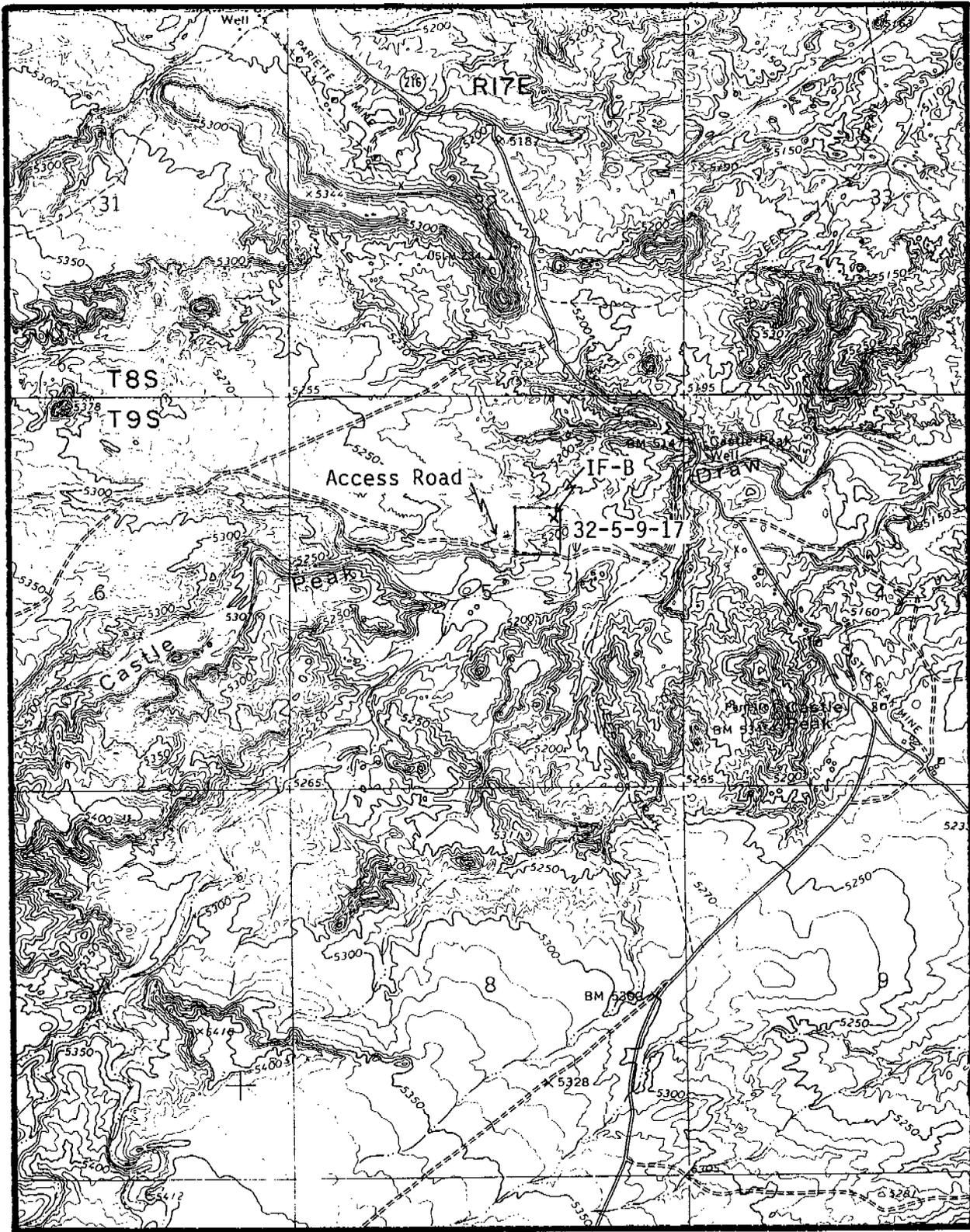


Figure 2. Equitable Resources Monument Federal 32-5-9-17, Access Road and Cultural Resources. USGS Myton SE, UT 7.5', 1964. Scale 1:24000.

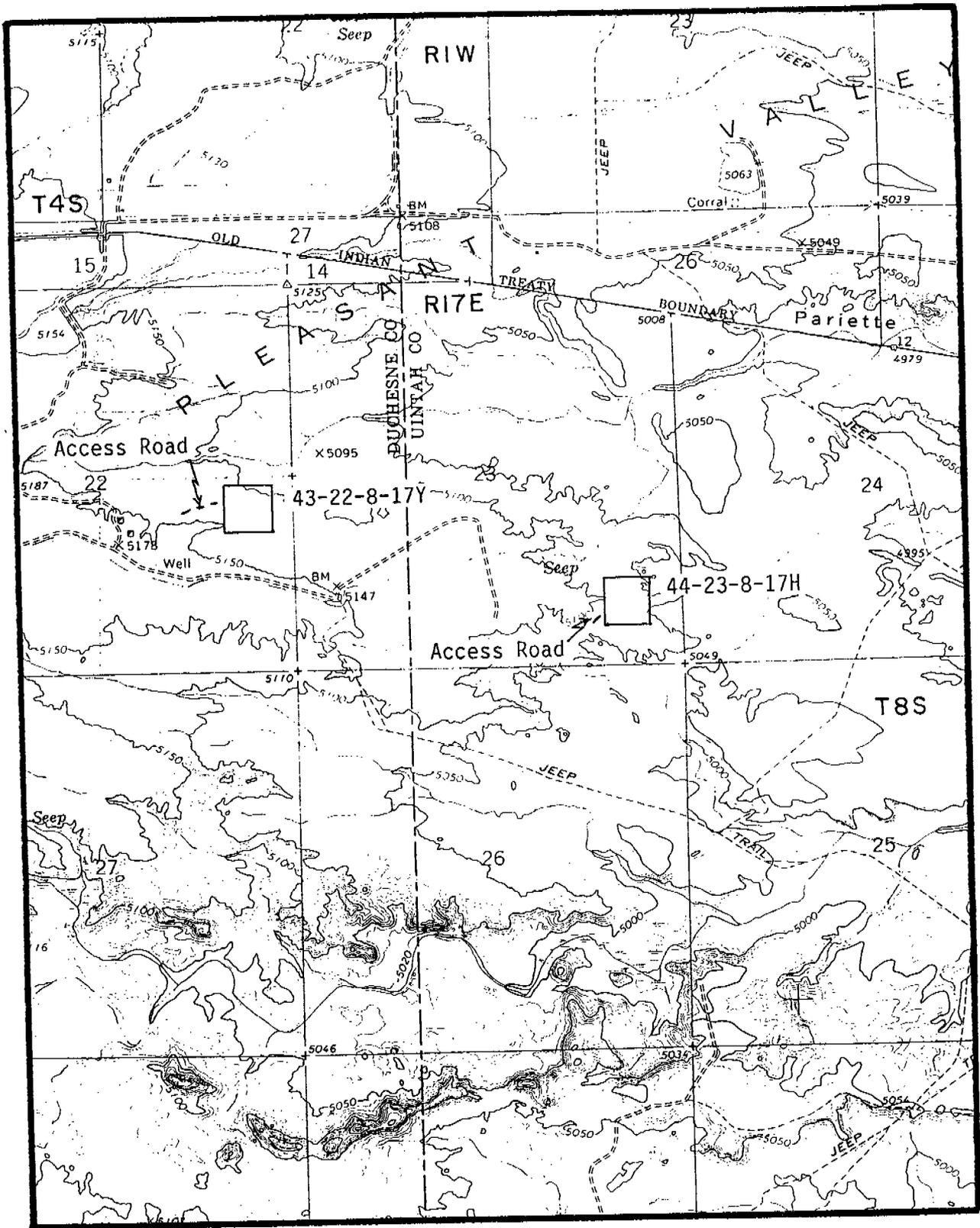


Figure 3. Equitable Resources Monument Federal 43-22-8-17Y and 44-23-8-17H with Access Roads. USGS Pariette Draw SW, UT 7.5', 1964. Scale 1:24000.

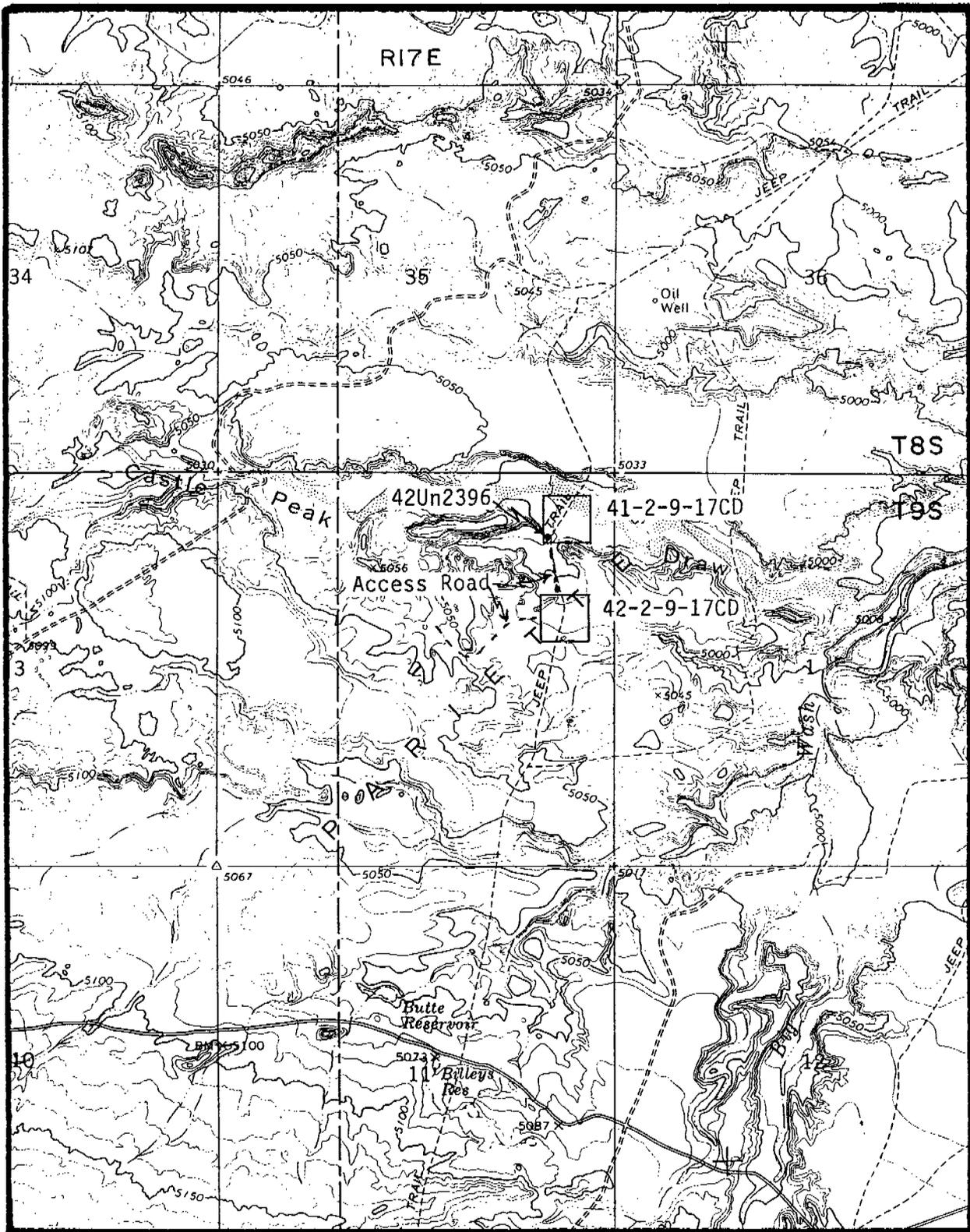


Figure 4. Equitable Resources Monument State 41-2-9-17CD and 42-2-9-17CD, Access Roads and Cultural Resources. USGS Pariette Draw SW, UT 7.5', 1964. Scale 1:24000.

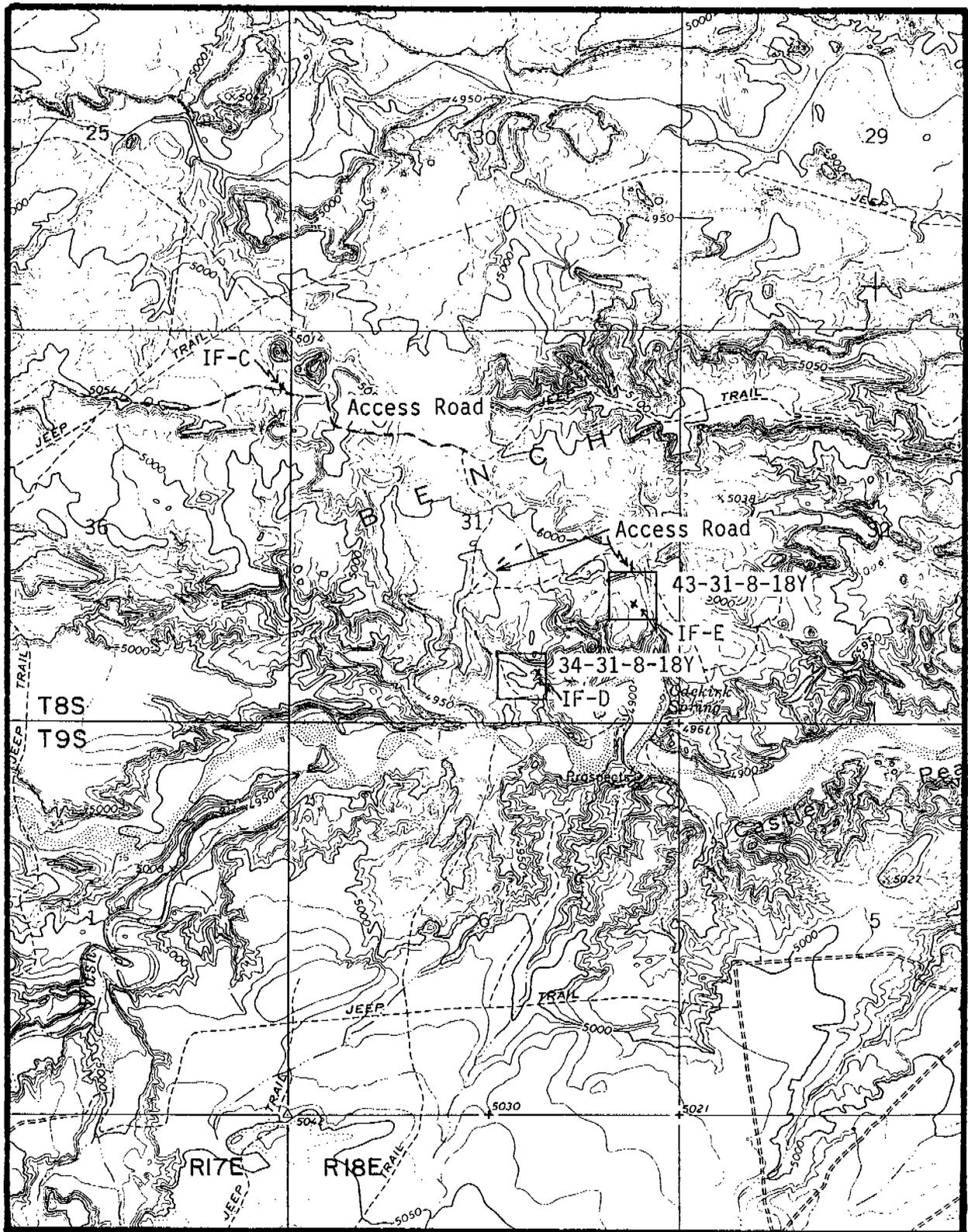


Figure 5. Equitable Resources Monument Federal 33-31-8-18Y and 43-31-8-18Y, Access Roads and Cultural Resources. USGS Pariette Draw SW, UT 7.5', 1964. Scale 1:24000.

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the nine proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural and paleontological resources by the archaeologist walking parallel transects spaced no more than 10 m apart. The access roads were surveyed to a 100 foot (30 m) width by walking parallel transects along the staked centerline, spaced no more than 10 m apart. Ground visibility was good. The acreage included 89.7 acres (70 acres wells, 19.7 acres access road) on BLM land (Diamond Mountain Resource Area), and 31.5 acres (20 acres wells, 11.5 acres access route) on State of Utah lands. A total of 121.2 acres (90 acres wells, 31.2 acres access route) was inventoried for this project.

Cultural resources were recorded as archaeological sites or isolated finds of artifact. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologist walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

INVENTORY RESULTS

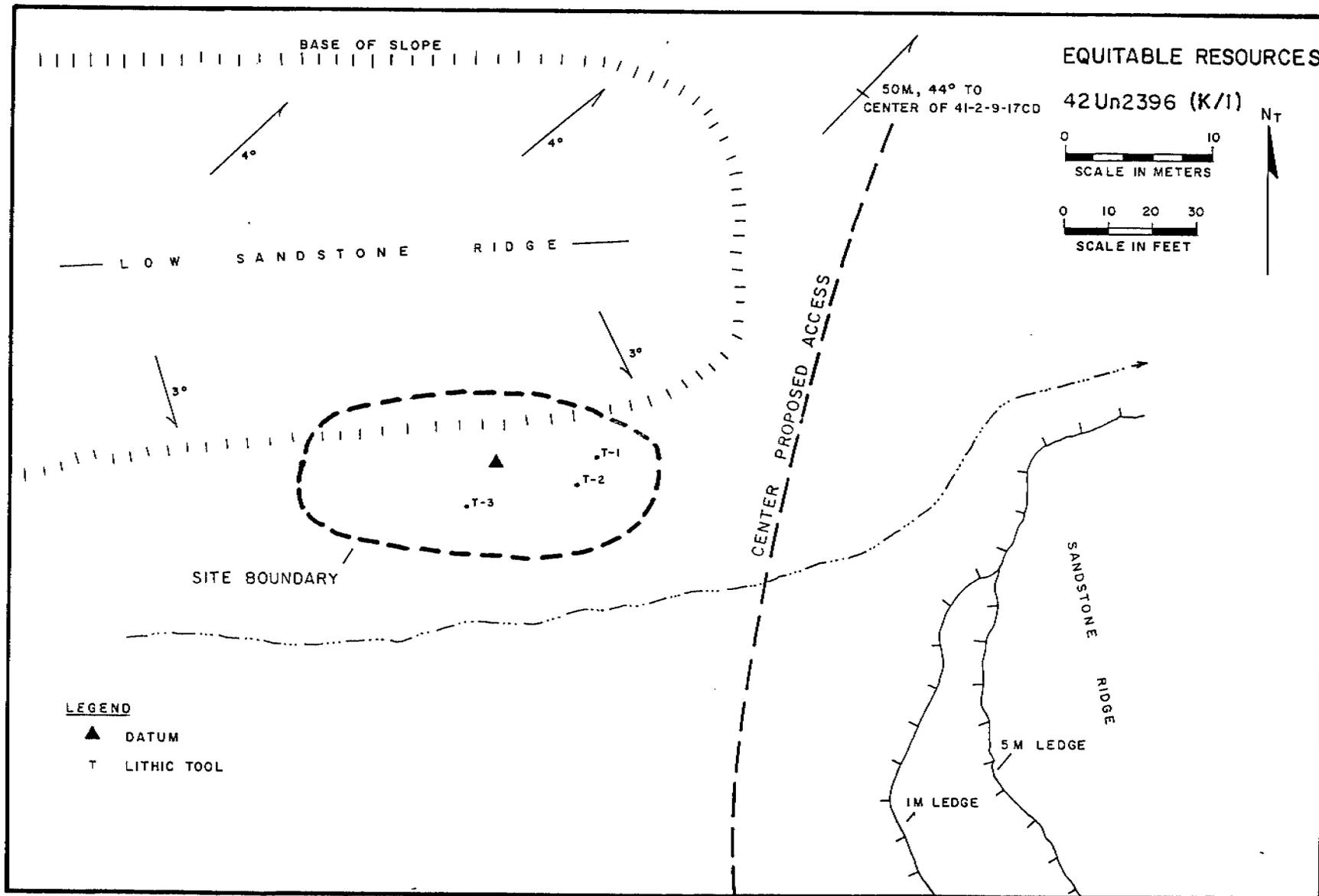
The inventory of Equitable Resources nine proposed well locations and associated access roads resulted in the documentation of one newly-found archaeological site (42Un2396) and five isolated finds of artifacts (IF-A through IF-E).

Smithsonian Site No.: 42Un2396
Temporary Site No.: K/1
Well Location: Monument State 41-2-9-17CD
Legal Description: T. 9S, R. 17E, S. 2, SW/NE/NE
Jurisdiction: State of Utah
Description: This is a lithic scatter of unknown temporal affiliation situated along the edge of Castle Peak Draw on Pariette Bench (Figure 4). The site occurs along the base of a low sandstone ridge and measures 11 m N-S by 25 m E-W (Figure 6). Cultural materials are manufactured from white opaque chert and include 22 flakes dominated by secondary reduction flakes. Lithic tools consist of a Stage II biface, a Stage III biface, and an unprepared core. The site lies on a deflated and eroded residual surface with minimal potential for subsurface artifacts or cultural features.

Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the SE, NE, SW of S. 6, T. 9S., R. 16. (UTM 571380E and 4434140N). It consists of a white opaque chert decortication and secondary flake. Isolated Find B (IF-B) is located in the NE, SW, NE of S. 35, T. 9S., R. 17E. (UTM 583020E and 4434140N). It is a white opaque chert decortication flake. Isolated Find C (IF-C) is located in the SE, NE, NE of S. 36, T. 8S., R. 17E. (UTM 589960E and 4436940N). It is a white semi-translucent chert decortication flake. Isolated Find D (IF-D) is located in the NE, SW, SE

Figure 6. Site 42Un2396 Map.



of S. 31, T. 9S., R. 18E. (UTM 591040E and 4435760N) and consists of a white semi-translucent chert unprepared core with 10 flakes removed from wide margins (8.5cmx6.0x4cmx4.0cm). Isolated Find E (IF-E) is located in the SW, NE, SE of S. 31, T. 8S., R. 18E. (UTM 591400E and 4436060N). It consists of a black opaque chert secondary flake.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of Equitable Resources nine well locations and access road resulted in the documentation of one prehistoric site and five isolated finds of artifacts. Site 42Un2396 is considered not eligible for inclusion to the NRHP. This is a limited activity lithic scatter lacking temporal diagnostic artifacts. The site lies on a deflated and eroded surface with very minimal potential for buried diagnostic artifacts or cultural features. It is evaluated as not eligible for nomination to the NRHP, based on its lack of research potential. The five prehistoric isolated finds of artifacts are evaluated as not eligible to the NRHP, since they lack additional research potential.

SUMMARY AND RECOMMENDATIONS

The inventory of Equitable Resources nine Monument Federal and State well locations and access roads resulted in the recordation of one prehistoric site and five isolated finds of artifacts. No paleontological localities were observed in the project area. Site 42Un2396 is evaluated as not eligible to the NRHP. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

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APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORM

On File At:

Utah Division of State History
Salt Lake City, Utah

and

U.S. Bureau of Land Management
Diamond Mountain Resource Area
Vernal, Utah

IMACS SITE FORM

PART A - ADMINISTRATIVE DATA

1. **STATE NO.:** 42Un2396
2. **AGENCY NO.:**
3. **TEMP NO.:** K/1
4. **STATE:** Utah **COUNTY:** Uintah
5. **PROJECT:** Equitable Resources Nine Monument Federal and State Well Locations in the Wells Draw and Pariette Draw Localities
6. **Report No.:** U-97-MQ-003b,s
7. **SITE NAME/PROPERTY NAME:**
8. **CLASS:** PREHISTORIC HISTORIC PALEONTOLOGIC ETHNOGRAPHIC
9. **SITE TYPE:** Lithic Scatter
10. **ELEVATION:** 5000 ft
11. **UTM GRID:** Zone [12] [588100] E [4435240] N
12. **[SW1/4] of [NE1/4] of [NE1/4] of Section [2] Township [9S] Range [17E].**
13. **MERIDIAN:** Salt Lake
14. **MAP REFERENCE:** USGS Pariette Draw SW, UT 7.5', 1964
15. **AERIAL PHOTO:**
16. **LOCATION AND ACCESS:** The site is located adjacent to Castle Peak Draw south of Myton, Utah. Drive south from US-40 (MP 104.7) along the Sand Wash/Pleasant Valley road for about 11.1 miles to an intersection. Turn east and drive 1.5 miles to a road intersection. Turn east and proceed 0.8 miles to well location Equitable Resources Monument State #32-2. Walk east 2000 ft to Monument State 42-2, than continue north for 700 ft to the site area. The datum is a rebar with the temporary site number stamped on the aluminum cap.
17. **LAND OWNER:** State of Utah
18. **FEDERAL ADMIN. UNITS:** N/A
19. **LOCATION OF CURATED MATERIALS:**
20. **SITE DESCRIPTION:** This is a lithic scatter of unknown temporal affiliation situated along the edge of Castle Peak Draw on Pariette Bench. The site occurs along the base of a low sandstone ridge and measures 11 m N-S by 25 m E-W. Cultural materials are manufactured from white opaque chert and includes 22 flakes dominated by secondary reduction flakes. Lithic tools consist of a Stage II biface, a Stage III biface, and an unprepared core. The site lies on a deflated and eroded residual surface with minimal potential for subsurface artifacts or cultural features.
21. **SITE CONDITION:** EXCELLENT GOOD FAIR POOR
22. **IMPACT AGENT(S):** Deflation and Erosion
23. **NAT. REGISTER STATUS:** SIGNIFICANT
 NON-SIGNIFICANT
 UNEVALUATED
- JUSTIFY:** This is a limited activity lithic scatter lacking temporal diagnostic artifacts. The site lies on a deflated and eroded surface with very minimal potential for buried diagnostic artifacts or cultural features. It is evaluated as not eligible for nomination to the NRHP, based on its lack of research potential.
24. **PHOTOS:** Roll 003:1 Exp. 22-27
25. **RECORDED BY:** Keith Montgomery
26. **SURVEY ORGANIZATION:** Montgomery Archaeological Consultants
27. **ASSISTING CREW MEMBERS:** N/A
28. **SURVEY DATE:** 1-10-97
- LIST OF ATTACHMENTS:** PART B PART C
 TOPO MAP SITE MAP
 PHOTOS OTHER
 ARTIFACT/FEATURE SKETCH

PART A - ENVIRONMENTAL DATA

29. SLOPE: [2] (Degrees) [180] ASPECT (Degrees)
30. DISTANCE TO PERMANENT WATER: [0] X 100 METERS
TYPE OF WATER SOURCE: [] SPRING/SEEP
[] STREAM/RIVER
[] LAKE
[X] OTHER
NAME OF WATER SOURCE: Castle Peak Draw (Ephemeral Drainage)
31. GEOGRAPHIC UNIT: Uinta Basin (CAA)
32. TOPOGRAPHIC LOCATION
PRIMARY LANDFORM: Tableland (C)
SECONDARY LANDFORM: Terrace/Bench (R)
DESCRIBE: The site is situated on Pariette Bench aside Castle Peak Draw
33. ON-SITE DEPOSITIONAL CONTEXT: Residual
DESCRIPTION OF SOIL: Light brown sand with gravel
34. VEGETATION
A. LIFE ZONE: Upper Sonoran
B. COMMUNITY
PRIMARY ON-SITE: Shadscale
SECONDARY ON-SITE: Shadscale
SURROUNDING SITE: Shadscale
DESCRIBE: Shadscale, snakeweed, Indian ricegrass and prickly pear cactus
35. MISCELLANEOUS TEXT:
36. COMMENTS/CONTINUATIONS:

PART B - PREHISTORIC SITES

1. SITE TYPE: Lithic Scatter
2. CULTURE:
CULTURAL AFFILIATION: Unknown
DATING METHOD: N/A
DESCRIBE: The site lacked temporal diagnostic artifacts.
3. SITE DIMENSIONS: [25 E-W] M by [11 N-S] M
AREA [216] SQ M
4. SURFACE COLLECTION/METHOD: N/A
5. ESTIMATED DEPTH OF CULTURAL FILL: Surface
How estimated (If tested, show location on site map):
6. EXCAVATION STATUS: [] EXCAVATED
[] TESTED
[X] UNEXCAVATED
TESTING METHOD: N/A
7. SUMMARY OF ARTIFACTS AND DEBRIS: Lithic Scatter (LS)
DESCRIBE: This is a lithic scatter with artifacts dispersed throughout the site area. All the lithic materials are manufactured from a white opaque chert. The site contained 22 white chert flakes dominated by secondary reduction items, two broken bifaces (Stage II and III), and an unprepared core.
8. LITHIC TOOLS:

#	TYPE	#	TYPE
2	Biface	1	Core

DESCRIBE: Tool 1 is a white opaque chert subovate Stage III biface with a mid-lateral bend fracture (3.6cmx2.6cmx0.6cm). Tool 2 is a white opaque chert subtriangular Stage II biface with a mid-lateral bend fracture (3.7cmx3.6cmx0.8cm). Tool 3 is a white opaque chert unprepared core with 6 flakes detached from wide margins (8cmx6cmx3.5cm).

IMACS SITE FORM: 42Un2396, PART B (Cont.)

9. LITHIC DEBITAGE - ESTIMATED QUANTITY: 22 (C)
MATERIAL TYPE: White opaque chert
FLAKING STAGES: (0) NOT PRESENT (1) RARE
(2) COMMON (3) DOMINANT
[1] DECORTICATION [3] SECONDARY [1] TERTIARY [0] SHATTER [1] CORE

10. MAXIMUM DENSITY-#/SQ M (all lithics): 5 items per sq. m

11. CERAMIC ARTIFACTS:

#	TYPE	#	TYPE
---	------	---	------

DESCRIBE: None

12. MAXIMUM DENSITY-#/SQ M (ceramics):

13. NON-ARCHITECTURAL FEATURES (locate on site map):

DESCRIBE: None

14. ARCHITECTURAL FEATURES (locate on site map):

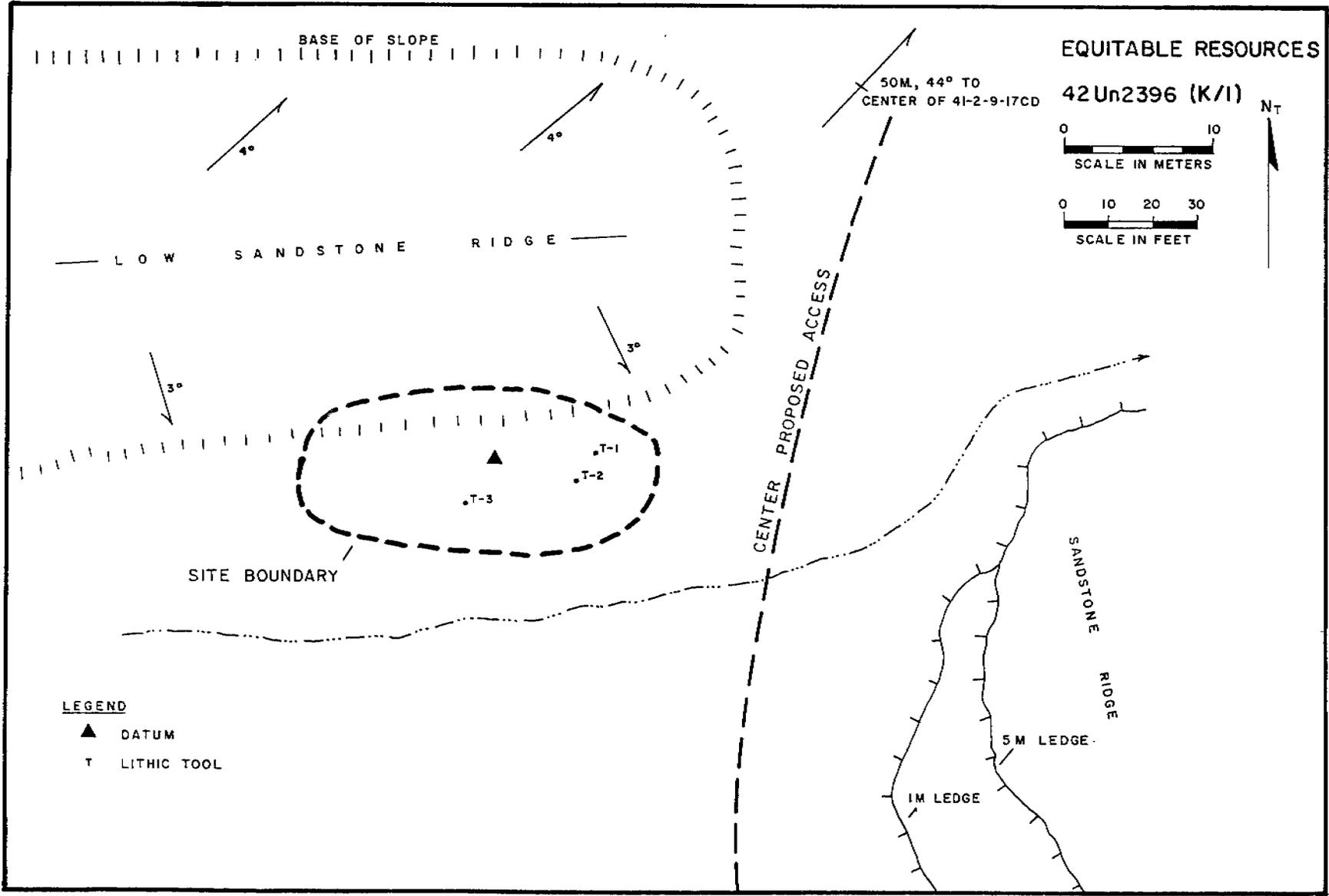
#	MATERIAL	TYPE
---	----------	------

DESCRIBE: None

EQUITABLE RESOURCES

42Un2396 (K/I)

50M, 44° TO
CENTER OF 41-2-9-17CD



LEGEND

- ▲ DATUM
- T LITHIC TOOL

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/19/97

API NO. ASSIGNED: 43-047-32843

WELL NAME: MONUMENT STATE 41-2-9-17CD
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NENE 02 - T09S - R17E
SURFACE: 0662-FNL-0660-FEL
BOTTOM: 0662-FNL-0660-FEL
UINTAH COUNTY
EIGHTMILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: STA
LEASE NUMBER: ML - 45555

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
(Number MT 0576)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
(Number 43-1721)
 RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____
 R649-3-2. General.
___ R649-3-3. Exception.
___ Drilling Unit.
___ Board Cause no: _____
___ Date: _____

COMMENTS: *well located within the Castle Draw Secondary Recovery Unit area.*

STIPULATIONS:
1 Presite Evaluation Report.

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: EQUITABLE RESOURCES ENERGY COMPANY

Name & Number: MONUMENT STATE 41-2-9-17E

API Number: 43-047-32843

Location: 1/4, 1/4 NE/NE Sec. 2 T. 9S R. 17E

Geology/Ground Water:

The base of moderately saline water is at a depth of approximately 1500 feet (top of Green River). Fresh water may be encountered in sands throughout the Uinta Formation. Generally these sands have very little water due to there discontinuous nature and there lack of recharge. The proposed casing and cement program will adequately protect and isolate any water encountered

Reviewer: D. Jarvis

Date: 03/11/97

Surface:

THE PRE-SITE INVESTIGATION OF THE SURFACE HAS BEEN PERFORMED BY FIELD PERSONNEL. ALL APPLICABLE SURFACE MANAGEMENT AGENCIES AND LANDOWNERS HAVE BEEN NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND POSSIBLE. JACK LYTLER WITH UTAH STATE D.W.R. WAS PRESENT LOOKING FOR A SUSPECTED EAGLE NEST BUT NONE WAS LOCATED. CASTLE PEAK DRAW IS 600' TO THE NORTH.

Reviewer: DAVID W. HACKFORD

Date: 3/3/97

Conditions of Approval/Application for Permit to Drill:

1. A 12 MIL. PLASTIC LINER WILL BE REQUIRED IN RESERVE PIT.
2. RESERVE PIT MUST BE CONSTRUCTED SOUTH OF WELL BORE.

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: EQUITABLE RESOURCES ENERGY COMPANY

Name & Number: MONUMENT STATE 41-2-9-17^{ED}

API Number: 43-047-32843

Location: 1/4, 1/4 NE/NE Sec. 2 T. 9S R. 17E

Geology/Ground Water:

The base of moderately saline water is at a depth of approximately 1500 feet (top of Green River). Fresh water may be encountered in sands throughout the Uinta Formation. Generally these sands have very little water due to there discontinuous nature and there lack of recharge. The proposed casing and cement program will adequately protect and isolate any water encountered

Reviewer: D.jarvis

Date: 03/11/97

Surface:

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Reviewer: DAVID W. HACKFORD

Date: 3/3/97

Conditions of Approval/Application for Permit to Drill:

1. A 12 MIL PLASTIC LINER WILL BE REQUIRED IN RESERVE PIT.
2. RESERVE PIT MUST BE CONSTRUCTED SOUTH OF WELL BORE.

Operator: Equitable Resources Energy Company
Well Name & Number: Monument State 41-2-9-17CD
API Number: 43-047-32843
Lease: ML-45555
Location: NE NE Sec. 2 T. 9 S. R. 17 E.

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

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

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated March 11, 1997 (copy attached).

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY CO.

WELL NAME & NUMBER: MONUMENT STATE 41~~2~~-2-9-17CD

API NUMBER: 43-047-32843

LEASE: ML-45555 FIELD/UNIT: MONUMENT BUTTE

LOCATION: 1/4, 1/4NE/NE Sec: 2 TWP: 9S RNG: 17E 662' FNL 660' FEL

LEGAL WELL SITING: 660' F SEC. LINE; 659' F 1/4, 1/4 LINE; _____ F ANOTHER WELL.

GPS COORD (UTM): 12588163E 4434923N

SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), DAN FARNSWORTH (EQUITABLE).

JACK LYTTLE (DWR).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SIGHT IS IN AREA OF LOW ROLLING HILLS SLOPING SLIGHTLY TO THE NORTH WITH SANDSTONE OUTCROPPINGS 300' TO THE SOUTH. CASTLE PEAK DRAW IS 600' TO THE NORTH.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 275' BY 225'.

PROPOSED ROAD TO LOCATION WILL BE 0.6 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, NATIVE GRASSES, SALTBRUSH, PRICKLEY PEAR.
RABBIT, PRONGHORN, RODENTS, COYOTE, BIRDS

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SAND WITH STRINGERS OF GRAY
SHALE AND SANDSTONE OUTCROPPINGS.

SURFACE FORMATION & CHARACTERISTICS: UINTA FORMATION, SOUTH FLANK OF
UINTA MOUNTAINS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION,
NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 75' AND 8' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL PLASTIC
LINER WILL BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY
ARCHAEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE
PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS ON A CLEAR SUNNY DAY WITH SIX INCHES SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

3/3/97 11:00AM
DATE/TIME

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

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



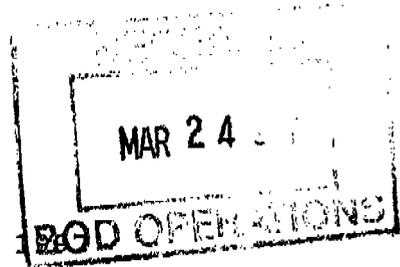
State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1604 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)



March 18, 1997

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument State 41-2-9-17CD Well, 662' FNL, 660' FEL,
NE NE, Sec. 2, T. 9 S., R. 17 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32843.

Sincerely, .

R. J. Firth
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

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

March 18, 1997

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument State 41-2-9-17CD Well, 662' FNL, 660' FEL,
NE NE, Sec. 2, T. 9 S., R. 17 E., Uintah County, Utah

Gentlemen:

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Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy Company
Well Name & Number: Monument State 41-2-9-17CD
API Number: 43-047-32843
Lease: ML-45555
Location: NE NE Sec. 2 T. 9 S. R. 17 E.

Conditions of Approval.

1. General

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

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

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

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated March 11, 1997 (copy attached).



RECEIVED

OCT 10 1997

October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

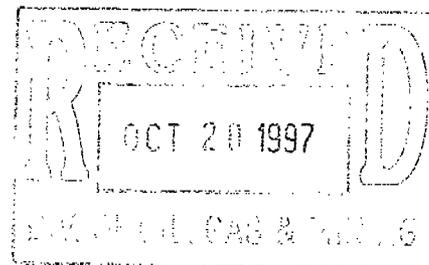
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

County:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

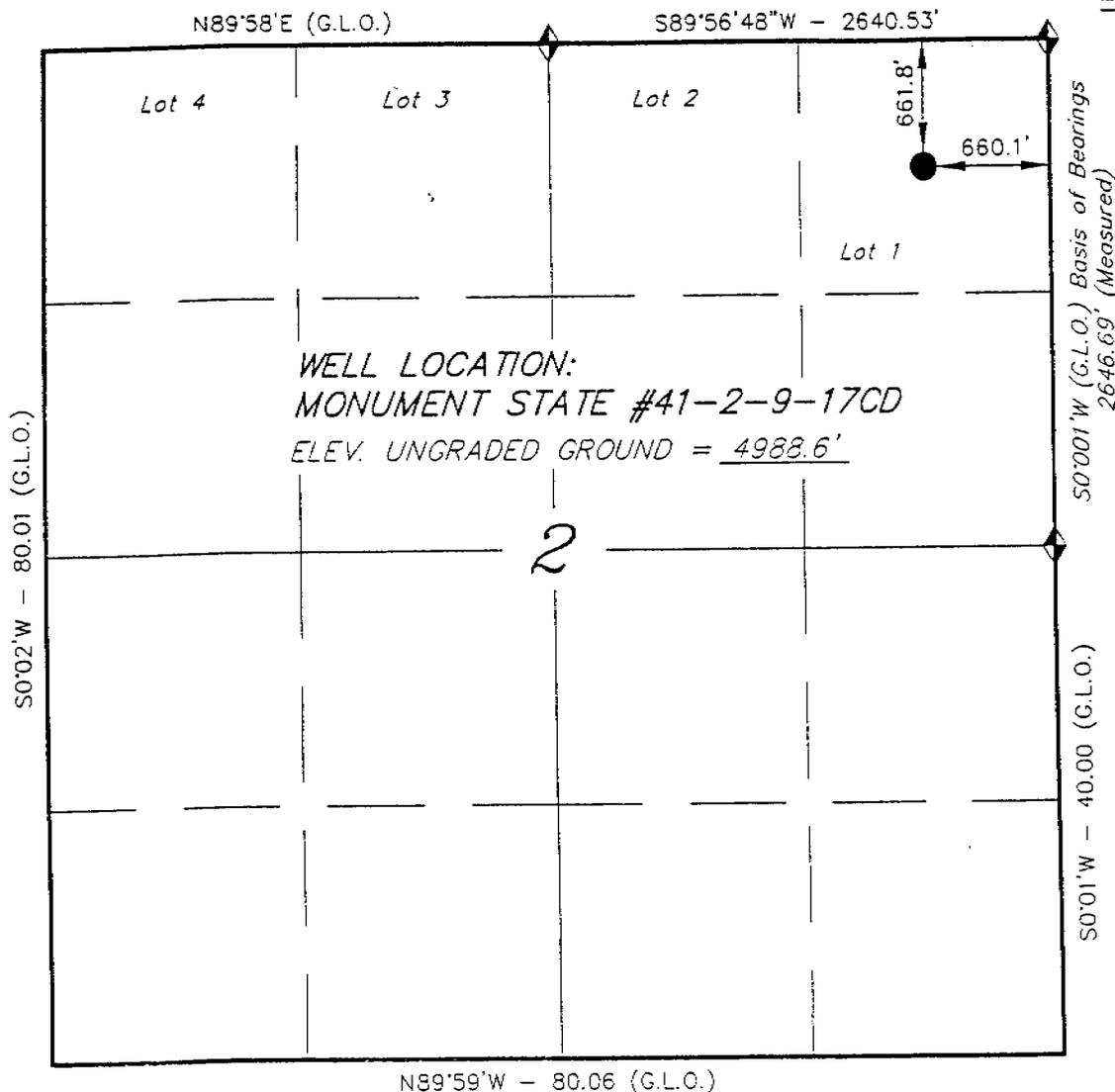
This space for State use only)

K

T9S, R17E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT STATE #41-2-9-17CD, LOCATED AS SHOWN IN LOT 1 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



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.

REGISTERED LAND SURVEYOR
 No. 189377
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: D.S. E.S.

DATE: 12-30-96

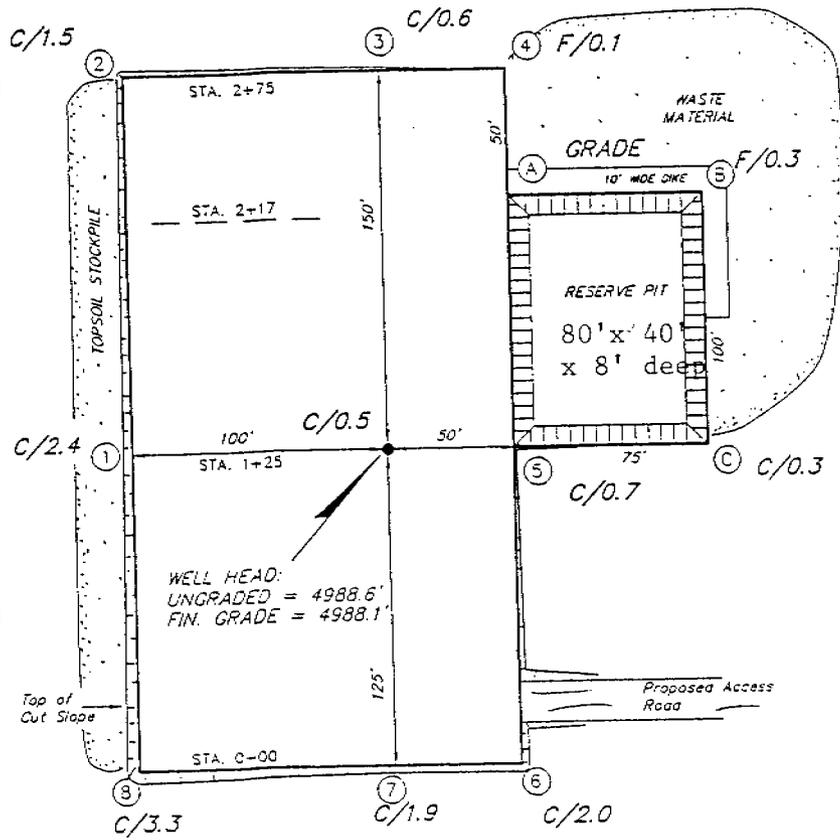
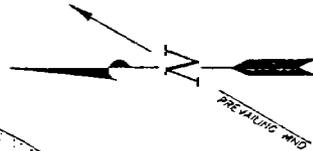
WEATHER: COOL

NOTES:

FILE #

EQUITABLE RESOURCES ENERGY CO.

MONUMENT STATE #41-2-9-17CD
SEC. 2, T9S, R17E, S.L.B.&M.

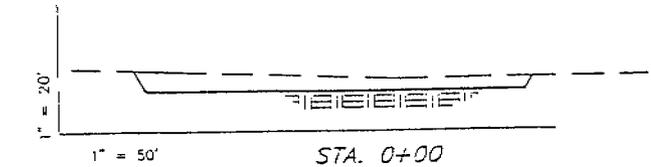
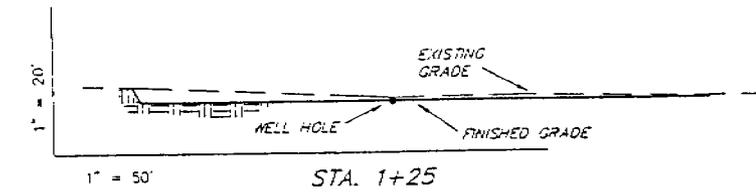
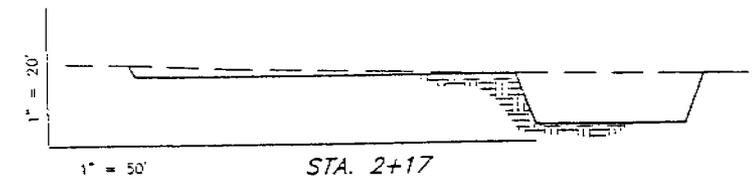
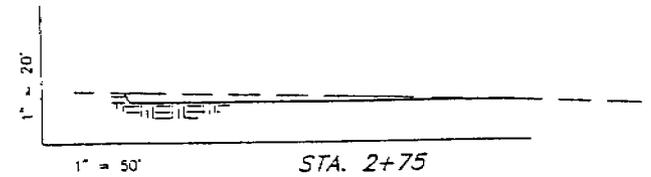


REFERENCE POINTS

- 150' NORTH = 4991.0'
- 200' NORTH = 4992.1'
- 200' EAST = 4988.3'
- 250' EAST = 4988.3'

APPROXIMATE YARDAGES

- CUT = 1,100 Cu. Yds.
- FILL = 50 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: D.S.
DRAWN BY: J.R.S.
DATE: 12-30-96
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

Note to Dirt contractors - Cut & fill is calculated for pit size 100'X 75' X 8'

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> WELL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-455555 6. IF INDIAN, ALILOTTEE OR TRIBAL NAME N/A 7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MONUMENT STATE	
3. ADDRESS OF OPERATOR 475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900		9. WELL NO. 4129-17CD Castle Draw 1-2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE 662 FNL 660 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE (GR RVR) 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Section 2, T09S R17E	
14. API NUMBER 43-047-32843	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4989 GL	12. COUNTY OR PARISH UINTAH	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
(OTHER) <u>Change of Operator</u> <input checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
	FRACTURE TREATMENT <input type="checkbox"/>
	ALTERING CASING <input type="checkbox"/>
	SHOOTING OR ACIDIZING <input type="checkbox"/>
	ABANDONMENT* <input type="checkbox"/>
	(OTHER) <u>Change of Operator</u> <input checked="" type="checkbox"/>

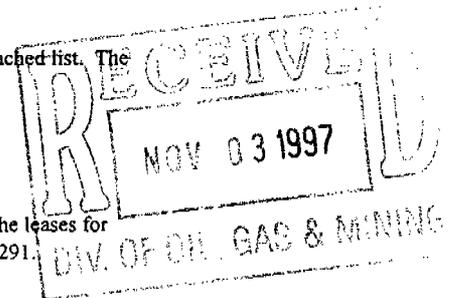
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17 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.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms & conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.



18 I hereby certify that the foregoing is true and correct
SIGNED Shannon Smith TITLE Engineering Secretary DATE 10/30/97

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

The following locations were originally permitted for the reserve pit size to be 80' X 40' X 8' deep. Inland requests that the reserve pit (s) be enlarged to 90' X 40' X 8' deep:

<u>Lease No.</u>	<u>Name</u>	<u>Legal Description</u>
ML-45555	Castle Draw #1-2	NE/NE Sec. 2, T9S,R17E
ML-45555	Castle Draw #8-2	SE/NE Sec. 2, T9S, R17E
ML-44305	Odekirk #3-36	NE/NW Sec. 36, T8S R17E
ML-44305	Odekirk #5-36	SW/NW Sec. 36, T8S,R17E
ML-44305	Odekirk #6-36	SE/NW Sec. 36, T8S, R17E

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: CASTLE DRAW 1-2

Api No. 43-047-32843

Section: 2 Township: 9S Range: 17E County: UINTAH

Drilling Contractor: UNION

Rig # 7

SPUDDED:

Date: 11/25/97

Time: 6:30 PM

How: ROTARY

Drilling will commence: _____

Reported by: MIKE WARD

Telephone NO.: _____

Date: 12/1/97 Signed: JLT

✓

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">ML-45555</p>	
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>	
3. ADDRESS OF OPERATOR <p style="text-align: center;">475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">NA</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">NE/NE 66° 31' 16" E</p>		8. FARM OR LEASE NAME <p style="text-align: center;">CASTLE DRAW 1-2</p>	
14. API NUMBER <p style="text-align: center;">43-047-32843</p>		9. WELL NO. <p style="text-align: center;">1-2</p>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">4989 GL</p>		10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">MONUMENT BUTTE (GR RVR)</p>	
12. COUNTY OR PARISH <p style="text-align: center;">UINTAH</p>		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA <p style="text-align: center;">NE/NE Section 2, T09S R17E</p>	
13. STATE <p style="text-align: center;">UT</p>			

CONFIDENTIAL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Weekly Status</u> <input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	

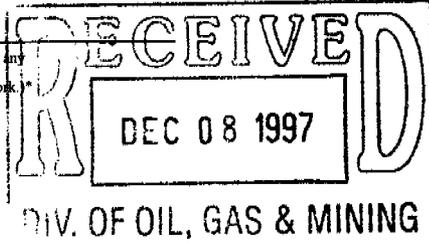
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and 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.)

WEEKLY STATUS REPORT FOR WEEK OF 10/30/97 - 11/6/97

Drilled 7-7/8" hole w/Union, Rig #7 from 318' - 5880'.

Test lines, valves, rams & manifold to 2000 psi; csg to 1500 psi. TIH & dnl plug, cmt & GS. Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 137 jt 5-1/2", 15.5#, J-55, LT & C csg (5872'). Csg set @ 5881'. RD Casers. RU Halliburton. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/350 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & tailed w/310 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/2000 psi @ 11:45 pm, 12/2/97. Est 10 bbl gel returns. RD Halliburton. ND BOP's. Set slips w/20,000#, dump mud tanks. Rig released @ 1:45 am, 12/3/97. RDMOL.



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

SIGNED Shawmen Smith TITLE Engineering Secretary DATE 12/5/97

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use *APPLICATION FOR PERMIT-* for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBAL, NAME <p style="text-align: center;">N/A</p>
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME <p style="text-align: center;">NA</p>
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY	8. FARM OR LEASE NAME CASTLE DRAW 1-2
3. ADDRESS OF OPERATOR 475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900	9. WELL NO. <p style="text-align: center;">1-2</p>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE 662 FNL 660 FEL	10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">MONUMENT BUTTE (GR RVR)</p>
CONFIDENTIAL	
14. API NUMBER 43-047-32843	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">4989 GL</p>
12. COUNTY OR PARISH UINTAH	13. STATE <p style="text-align: center;">UT</p>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Section 2, T09S R17E	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Surface Spud</u> <input checked="" type="checkbox"/>
(OTHER) _____ <input type="checkbox"/>	

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

17 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.)*

MIRU Union #7. Drl mouse & rat hole. Drl & set 15' 13-3/8" conductor @ 21'. Spud well @ 6:30 pm, 11/25/97. Drl sfc hole 21' - 318'. C&C. RU. Finish running 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C (288'). Csg set @ 298'. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Premium Plus w/2% CC & 1/2#/sk Flocele (15.6 ppg 1.18 cf/sk yield). Good returns w/2-1/2 bbl cmt to sfc. Cmt level held. RD Halliburton.

18 I hereby certify that the foregoing is true and correct

SIGNED Shannon Smith TITLE Engineering Secretary DATE 12/5/97

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. *Molly Conrad*
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*

Revised 9/17/97

09/30/97

EREC APD LIST
(APPROVED and PENDING)

WELL NAME	FIELD	QTR/QTR	SEC	TWP	RANGE	COUNTY	ST	APD STATUS	ZONE	ST = State		FOOTAGES	BLM OFFICE	UNIT OR WELL FILE NO.
										FED. OR STATE LEASE NO.	API NUMBER			
Monument Federal #11-10-9-17Y	Monument Butte	NW NW	10	9S	17E	Duchesne	UT	PND	Green River	U-65210				
Monument Federal #11-17-9-16Y	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331534	409' FNL, 475' FWL	Vernal	
Monument Federal #12-7-9-16Y	Monument Butte	SW NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UT-74390	43-013-31777	575' FNL, 640' FWL	Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	APRVD	Green River	U-65210	43-013-31777	1980' FNL, 660' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	APRVD	Green River	U-67845	43-013-31679	1996' FNL, 673' FWL	Vernal	
Monument Federal #14-25-8-17	Monument Butte	SW SW	25	8S	17E	Duchesne	UT	APRVD	Green River	UTU-74870	43-013-31643	532' FSL, 495' FWL	Vernal	
Monument Federal #21-6-9-16Y	Monument Butte	NE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-047-32765	660' FSL, 660' FWL	Vernal	
Monument Federal #21-18-9-16Y	Monument Butte	NE NW	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal	Humpback
Monument Federal #21-22-9-16Y	Monument Butte	NE NW	22	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal	
Monument Federal #22-6-9-16Y	Monument Butte	SE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-64379	43-013-31727	859' FNL, 1660' FWL	Vernal	
Monument Federal #22-7-9-16Y	Monument Butte	SE NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31727	911' FNL, 2030' FWL	Vernal	
Monument Federal #23-6-9-16Y	Monument Butte	NE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31719	2011' FNL, 1869' FWL	Vernal	
Monument Federal #23-31-8-16Y	Monument Butte	NE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31776	2036' FNL, 2070' FWL	Vernal	
Monument Federal #24-6-9-16Y	Monument Butte	SE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31812	1938' FSL, 1756' FWL	Vernal	
Monument Federal #24-7-9-16Y	Monument Butte	SE SW	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31810	1980' FSL, 1826' FWL	Vernal	
Monument Federal #24-31-8-16Y	Monument Butte	SE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31810	1980' FSL, 1826' FWL	Vernal	
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	APRVD	Green River	U-49950	43-013-31775	517' FSL, 1952' FWL	Vernal	
Monument Federal #32-5-9-17	Monument Butte	SW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-65210	43-013-31780	682' FSL, 1832' FWL	Vernal	
Monument Federal #32-7-9-16Y	Monument Butte	SW NE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74808	4301331591	660' FNL, 1980' FEL	Vernal	
Monument Federal #32-18-9-16Y	Monument Butte	SW NE	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331819	1833' FNL, 1913' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31778	2048' FNL, 1769' FEL	Vernal	
Monument Federal #33-5-9-17	Monument Butte	NW SE	5	9S	18E	Uintah	UT	APRVD	Green River	U-64917	4301331805	1996' FNL, 1910' FEL	Vernal	
Monument Federal #33-7-9-16Y	Monument Butte	NW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-74808	43-047-32725	1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331819	1754' FSL, 2031' FEL	Vernal	
Monument Federal #34-6-9-16Y	Monument Butte	SW SE	34	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31773	2131' FSL, 1910' FEL	Vernal	
Monument Federal #34-7-9-16Y	Monument Butte	SW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31772	1957' FSL, 1810' FEL	Vernal	
Monument Federal #34-31-8-18Y	Monument Butte	SWSE	34	8S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331774	660' FSL, 1980' FEL	Vernal	
Monument Federal #41-22-8-17	Monument Butte	NE NE	22	8S	17E	Duchesne	UT	PND	Green River	UTU-74404	4301331803	701' FSL, 2075' FEL	Vernal	
Monument Federal #41-25-8-17	Monument Butte	NE NE	25	8S	17E	Duchesne	UT	APRVD	Green River	UTU-76240	4304732845	636' FSL, 2160' FEL	Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	17E	Uintah	UT	APRVD	Green River	U-67845	43-013-31827	703' FNL, 759' FEL	Vernal (Private sfc.)	
Monument Federal #42-22-8-17	Monument Butte	SE NE	22	8S	18E	Uintah	UT	APRVD	Green River	U-68618	43-047-32766	800' FNL, 860' FEL	Vernal	
Monument Federal #42-25-8-17	Monument Butte	NE NE	25	8S	17E	Duchesne	UT	APRVD	Green River	UTU-76240	43-047-32727	500' FNL, 660' FEL	Vernal	Humpback
Monument Federal #43-22-8-17	Monument Butte	NE NE	22	8S	17E	Duchesne	UT	APRVD	Green River	U-67845	43-013-31826	1930' FNL, 803' FEL	Vernal (Private sfc.)	
Monument Federal #43-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-67845	43-047-32767	1930' FNL, 803' FEL	Vernal	
Monument Federal #43-31-8-18Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31813	2174' FSL, 557' FEL	Vernal	
Monument Federal #43-25-8-17	Monument Butte	NE SE	25	8S	18E	Uintah	UT	PND	Green River	UTU-74389	43-013-31815	1980' FSL, 660' FEL	Vernal	
Monument Federal #44-7-9-16Y	Monument Butte	SE SE	7	9S	17E	Uintah	UT	APRVD	Green River	UTU-74404	4304732844	1764' FSL, 623' FEL	Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	16E	Duchesne	UT	PND	Green River	UTU-67845	43-047-32768	1973' FSL, 719' FEL	Vernal	
Monument State #41-2-9-17CD <i>Castl Draw 1-2</i>	Monument Butte	NE NE	2	9S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331804	660' FSL, 660' FEL	Vernal	Beluga
Monument State #42-2-9-17CD <i>Castl Draw 8-2</i>	Monument Butte	SE NE	2	9S	17E	Uintah	UT	APRVD	Green River	U-65969	4304732728	915' FSL, 759' FEL	Vernal	
					17E	Uintah	UT	APRVD	Green River	State #ML-45555	43-047-32843	662' FNL, 660' FEL		Castle Draw
									Green River	State #ML-45555	42-047-32842	1985' FNL, 660' FEL		Castle Draw

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML-45555 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A 7. UNIT AGREEMENT NAME NA 8. FARM OR LEASE NAME CASTLE DRAW 1-2-9-17 9. WELL NO. 1-2-9-17 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE (CR RVR) 11. SEC., T., R., M., OR B.L.C. AND SURVEY OR AREA NE/NE Section 2, T09S R17E	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		12. COUNTY OR PARISH UINTAH	
3. ADDRESS OF OPERATOR 475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900		13. STATE UT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NE/NE 662 FNL 660 FEL		14. API NUMBER 43-047-32843	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4989 GL		16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	

CONFIDENTIAL

NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) <input type="checkbox"/>	SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Name Change</u> <input type="checkbox"/> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
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17 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.)*

CONFIDENTIAL

Inland Production Company requests to change the name of the Castle Draw 1-2 to the Castle Draw 1-2-9-17.

DEC 12 1997

18 I hereby certify that the foregoing is true and correct
 SIGNED Shannon Smith TITLE Engineering Secretary DATE 12/17/97

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC	6-IEC
2-GH	7-KAS
3-DTS	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

PAGE 1 of 2

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator) INLAND PRODUCTION COMPANY FROM: (old operator) EQUITABLE RESOURCES ENERGY
 (address) PO BOX 1446 (address) C/O CRAZY MTN O&G SVS'S
ROOSEVELT UT 84066 PO BOX 577
LAUREL MT 59044
 Phone: (801) 722-5103 Phone: (406) 628-4164
 Account no. N5160 Account no. N9890

WELL(S) attach additional page if needed: ***CASTLE DRAW SEC. REC. UNIT**

Name: *MONUMENT 31-2-9-17CD/GR API: 43-047-32563	Entity: 11878	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 11-2-9-17CD/GR API: 43-013-31685	Entity: 11995	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 32-2/GR API: 43-047-32737	Entity: 12000	S	2	T	9S	R	17E	Lease: ML45555
Name: *CASTLE DRAW 8-2/DRL API: 43-047-32842	Entity: 99999	S	2	T	9S	R	17E	Lease: ML45555
Name: *CASTLE DRAW 1-2/DRL API: 43-047-32843	Entity: 99999	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 14-2/WIW API: 43-013-31425	Entity: 11656	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 22-2/WIW API: 43-047-32610	Entity: 11742	S	2	T	9S	R	17E	Lease: ML45555

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-20-97)*
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: _____
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.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(12-19-97) * (UIC Database & Query 12-19-97)*
6. **Cardex** file has been updated for each well listed above. *(12-19-97)*
7. Well **file labels** have been updated for each well listed above. *(12-19-97)*
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. *(12-19-97)*
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

- LC 1. (r649-8-7) 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.
- LC 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY) *Trust Lands (\$80,000) Surety No. 4471291 "Hartford Acc. & Ind. Co."*

- LC 1. (r649-3-1) 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 operator's bond files.
- N/A 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

- DTS 1. Copies of documents have been sent on 1/5/98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 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: _____.

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

OPERATOR INLAND PRODUCTION COMPANY
 ADDRESS _____

OPERATOR ACCT. NO. 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	11995	12275	43-013-31685	MONUMENT 11-2-9-17CD		2	9S	17E	DUCHESNE		9-30-97
WELL 1 COMMENTS: *OPERATOR CHANGE FR EQUITABLE RES. EFF 9-30-97. (CASTLE DRAW SECONDARY RECOVERY UNIT) INLAND REQUESTS A COMMON ENTITY FOR WELLS WITHIN THE UNIT FOR TAX & REPORTING PURPOSES.											
D	12019	12275	43-047-32737	MONUMENT 32-2		2	9S	17E	UINTAH		9-30-97
WELL 2 COMMENTS:											
B	99999	12275	43-047-32842	CASTLE DRAW 8-2		2	9S	17E	UINTAH	12-3-97	9-30-97
WELL 3 COMMENTS:											
B	99999	12275	43-047-32843	CASTLE DRAW 1-2		2	9S	17E	UINTAH	11-25-97	9-30-97
WELL 4 COMMENTS:											
D	11656	12275	43-013-31425	MONUMENT 14-2		2	9S	17E	DUCHESNE		9-30-97
WELL 5 COMMENTS:											
D	11742	12275	43-047-32610	MONUMENT 22-2		2	9S	17E	UINTAH		9-30-97

- 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)

L. CORDOVA (DOGM)
 Signature
ADMIN. ANALYST 12-19-97
 Title Date
 Phone No. ()

Well(s):	API:	Entity:	S-T-R:	Lease:
State 16-2	43-013-30552	01451	16-9S-17E	ML3453B
K Jorgenson 16-4	43-013-30572	01452	16-9S-17E	ML3453B
Monument 11-36-8-17Y	43-047-32764	12095	36-8S-17E	ML44305
Monument 24-2	43-047-32612	11736	2-9S-17E	ML45555
Monument 13-2	43-013-31482	11738	2-9S-17E	ML45555
Monument 12-2	43-013-31481	11745	2-9S-17E	ML45555
Monument 21-2-9-17	43-047-32703	11863	2-9S-17E	ML45555
Monument 31-2-9-17CD	43-047-32563	11878	2-9S-17E	ML45555
Monument 11-2-9-17CD	43-013-31685	11995	2-9S-17E	ML45555
Monument 32-2	43-047-32737	12000	2-9S-17E	ML45555
Castle Draw 8-2	43-047-32842	99999	2-9S-17E	ML45555
Castle Draw 1-2	43-047-32843	99999	2-9S-17E	ML45555
Monument 14-2	43-013-31425	11656	2-9S-17E	ML45555
Monument 22-2	43-047-32610	11742	2-9S-17E	ML45555

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME NA	
3. ADDRESS OF OPERATOR 475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900		8. FARM OR LEASE NAME CASTLE DRAW	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE 0662 FNL 0660 FEL		9. WELL NO. 1-2-9-17	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Section 2, T09S R17E		10. FIELD AND POOL OR WILDCAT 8 MILE FLAT NORTH	
14. API NUMBER 43-047-32843	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4989 GL	12. COUNTY OR PARISH UINTAH	13. STATE UT

CONFIDENTIAL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <u>Weekly Status</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 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.)*

WEEKLY STATUS REPORT FOR WEEK OF 1/8/98 - 1/14/98

Perf CP sds @ 5543-49' & 5622-29'.

CONFIDENTIAL

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Shannon Smith</u>	TITLE <u>Engineering Secretary</u>	DATE <u>1/16/98</u>
-----------------------------	------------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.) OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">ML-45555</p>	
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>	
3. ADDRESS OF OPERATOR <p style="text-align: center;">475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">NA</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">NE/NE 0662 FNL 0660 FEL</p>		8. FARM OR LEASE NAME <p style="text-align: center;">CASTLE DRAW</p>	
14 API NUMBER <p style="text-align: center;">43-047-32843</p>		9. WELL NO. <p style="text-align: center;">1-2-9-17</p>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">4989 GL</p>		10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">8 MILE FLAT NORTH</p>	
12. COUNTY OR PARISH <p style="text-align: center;">UINTAH</p>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">NE/NE Section 2, T09S R17E</p>	
13. STATE <p style="text-align: center;">UT</p>			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
(OTHER) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
	FRACTURE TREATMENT <input type="checkbox"/>
	ALTERING CASING <input type="checkbox"/>
	SHOOTING OR ACIDIZING <input type="checkbox"/>
	ABANDONMENT* <input type="checkbox"/>
	(OTHER) <u>Weekly Status</u> <input checked="" type="checkbox"/>

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

17 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.)*

WEEKLY STATUS REPORT FOR WEEK OF 1/15/98 - 1/21/98

Perf LDC sds @ 5360-92'.
 Perf C/D sds @ 4792-4800' & 4882-85'.
 Perf YDC sds @ 4676-88'.

CONFIDENTIAL

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Shannon Smith</u>	TITLE <u>Engineering Secretary</u>	DATE <u>1/22/98</u>
-----------------------------	------------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY _____	TITLE _____	DATE _____
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CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. N5160

No. 2265 P. 2

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SE	TP	RG	COUNTY		
A	99999	12281	43-013-31942	Sand Wash 9-29-8-17 Tan Sands Federal 9-29	NW 1/SE	29	85	17E	Duchesne	12/11/97	12/10/97
WELL 1 COMMENTS: Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97 Entitles added 2-10-98. Lec											
	99999	12282	43-013-31952	Nine Mile 4-6	NW 1/NE	6	95	16E	Duchesne	12/18/97	01/01/97
WELL 2 COMMENTS: Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.											
A	99999	12283	43-013-31943	Sand Wash 12-28-8-17 Tan Sands 12-29	NW SW	28	85	17E	Duchesne	12/20/97	12/20/97
WELL 3 COMMENTS: Spud well w/ Union #7 @ 12:30 pm, 12/20/97											
A	99999	12284	43-013-31954	Nine Mile 13-6-9-16	NW SW	6	95	16E	Duchesne	1/1/98	1/1/98
WELL 4 COMMENTS: Spud well w/ Four Leon Ross @ 8:15 am 1/1/98											
A	99999	12285	43-013-31972	Wells Draw 6-4	NW SW	4	95	16E	Duchesne	1/7/98	1/7/98
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98											

INLAND RESOURCES-
4:50PM
9. 1998
Feb 2/89)

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.

Shannon Smith
Signature
Engineering Technician 2/9/98
Title Date
Phone No. (303) 376-8107

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
 ADDRESS 475 17th St., Suite 1500
Denver, CO 80202

OPERATOR ACCT. NO. H5160

No. 2265 P. 4

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QR	SE	TF	RG	COUNTY		
A	99999	12289	43-013-31719	Nine Mile 6-6	SW	6	9S	16E	Duchesne	11/6/97	11/6/97
WELL 1 COMMENTS: Spud well w/Four Corners rig #6 @ 9:30 pm, 11/6/97.											
	99999	12290	43-013-31776	Nine Mile 6-7	SE	7	9S	16E	Duchesne	11/10/97	11/10/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 4:00 pm 11/10/97.											
A	99999	12291	43-013-31777	Nine Mile 5-7	SW	7	9S	16E	Duchesne	11/16/97	11/16/97
WELL 3 COMMENTS: Spud well w/Leon Ross @ 1:00 pm 11/16/97.											
A	99999	12292	43-013-31778	Nine Mile 7-7	SW	7	9S	16E	Duchesne	11/20/97	11/20/97
WELL 4 COMMENTS: Spud well w/Leon Ross @ 11:45 11/20/97.											
	99999	12293	43-013-31990	MBFNE 11-24-8-16 Monument Butte 11-24	SW	24	8S	16E	Duchesne	11/17/97	11/17/97
WELL 5 COMMENTS: Spud well w/Union rig #7 @ 3:00 AM 11/17/97.											

INLAND RESOURCES
4:51 PM
Feb. 9, 1998
7891

- 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.

Shannon Smith
 Signature
Engineering Technician 2/9/98
 Title Date
 Phone No. 303, 376-8107
893-0102

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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: 77-1998)

1b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEPEN PLUG BACK REPERFORATE OTHER

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
410 17th Street, Suite 700, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface NE/NE

At top prod. interval reported below 662' FNL + 660' FEL

At total depth

6. LEASE IDENTIFICATION AND SERIAL NO.
ML-45555

7. TRACT ACQUISITION NAME

8. LAND OR LEASE NAME
Castle Draw

9. WELL NO.
#1-2-9-17

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC., T., R., M. OR BLOCK AND SURVEY OR ANNA

Sec 2-T9S-R17E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO. DATE ISSUED
43-047-32843

15. DATE SPUNDED 11-25-97 16. DATE T.D. REACHED 12-1-97 17. DATE COMPL. (Ready to prod.) 1-24-98 18. ELEVATIONS (DV. RKB, RT, OR, ETC.) * 4999' KB; 4989' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5888 21. PLUG, BACK T.D., MD & TVD 5831' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY Sfc to TD 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) *
Green River 4676' - 5629'

26. TYPE ELECTRIC AND OTHER LOGS R/W
DIEL/SP/GR/CAL; SDC/DSN/GR CBL 3-27-98

27. WAS BIRNUT/INAT SURVEY MADE? No 28. WAS WELL CORRECTION MADE? No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT CEMENT
8 5/8"	24# J-55	298'	12 1/4"	140 sx Premium	
5 1/2"	15.5# J-55	5882'	7 7/8"	350 sx Hibond and 310 sx Thixotropic	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT?	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	5707'	

31. PERFORATION RECORD (Interval, size and number)

CP Sand - 5543-49'; 5622-29' 4 JSPF
LDC Sand - 5360-92' 2 JSPF
C/D Sand - 4792'-4800; 4882'-85 4 JSPF
YDC Sand - 4676'-88' 4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5543'-5629'	113,400# 20/40 sd in 562 Delta
5360'-5392'	104,200# 20/40 sd in 510 Delta
4792'-4885'	120,300# 20/40 sd in 505 Delta
4676'-4688'	104,400# 20/40 sd in 509 Delta

33. PRODUCTION

DATE FIRST PRODUCTION 1-24-98 PRODUCTION METHOD (Flowing, gas lift, pumping—else and type of pump) Pumping 2 1/2" x 1 1/2" x 12' x 16' RHAC WELL STATUS (Producing or shut in) Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	2-98			45	0	11	0

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY API (COR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold and used for fuel. PERIOD EXPIRED ON 9-27-99 TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Items in #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Debbie Knight TITLE Permitting Specialist DATE 3-25-98

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

38. **VII. SUMMARY OF POROUS ZONES:** (Show all important zones of porosity and contents thereof; cover intervals; and all drill-stem, tests, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recoveries).

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	3400'			JANUARY 1950		
Garden Gulch 2	3698'					
Point 3	3954'					
X Marker	4197'					
Y Marker	4231'					
Douglas Crk	4356'					
Bi-Carb	4587'					
B-Lime	4708'					
Castle Peak	5175'					
Basal Carbonate	NDE					
TD	5888'					

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.

ML-45555

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

CASTLE DRAW 1-2-9-17

9. API Well No.

43-047-32843

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

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)

0662 FNL 0660 FEL NE/NE Section 2, T09S R17E

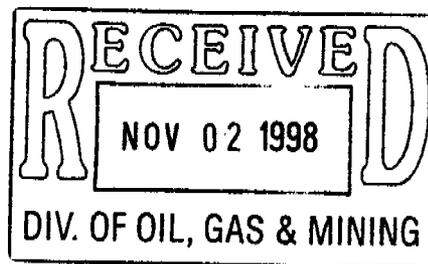
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" 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 <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

10/30/98

(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

Castle Draw 1-2

NE/NE Sec. 2, T9S, 17E

Uintah County

May 12, 1998

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

Production Phase:

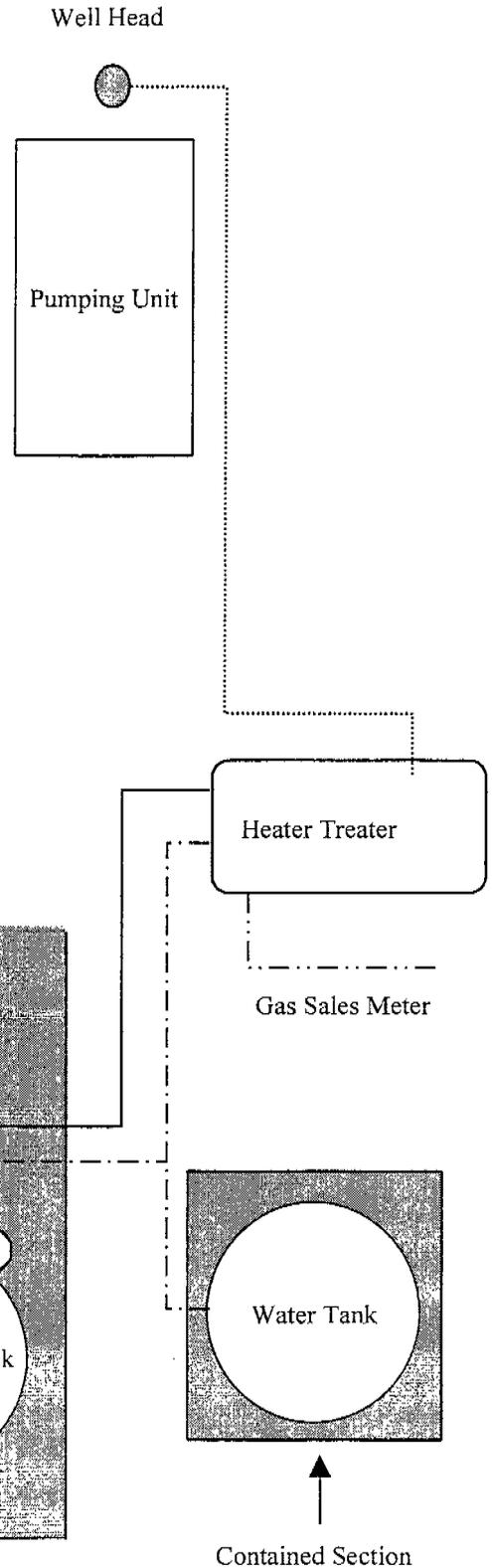
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

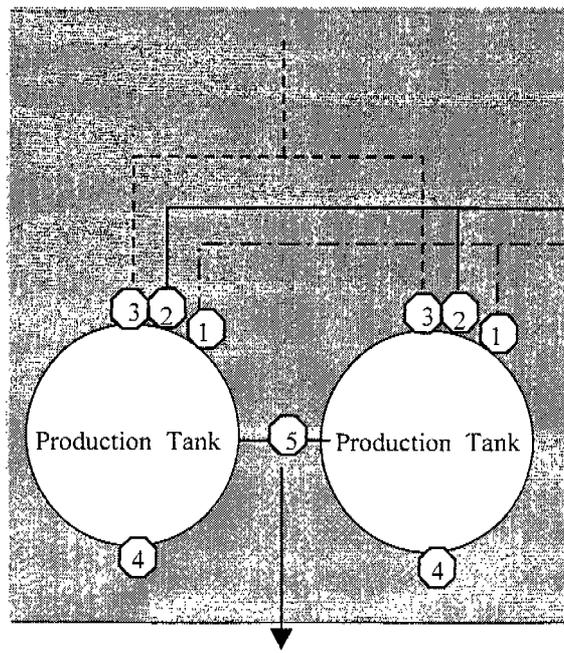
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open



Diked Section →



Legend

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

Equalizer Line

↑
Contained Section



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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **9/1/2004**

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No. Unit: CASTLE DRAW

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON ST 14-2	02	090S	170E	4301331425	12275	State	WI	A
MONUMENT ST 12-2	02	090S	170E	4301331481	12275	State	OW	P
MONUMENT ST 13-2	02	090S	170E	4301331482	12275	State	WI	A
MONUMENT ST 11-2-9-17CD	02	090S	170E	4301331685	12275	State	WI	A
CASTLE DRAW 10-2R-9-17	02	090S	170E	4304731195	12275	State	WI	A
MON ST 31-2-9-17CD	02	090S	170E	4304732563	12275	State	WI	A
MONUMENT ST 22-2	02	090S	170E	4304732610	12275	State	WI	A
MONUMENT ST 24-2	02	090S	170E	4304732612	12275	State	OW	P
BALCRON MON ST 23-2	02	090S	170E	4304732613	12275	State	WS	I
MONUMENT ST 21-2-9-17	02	090S	170E	4304732703	12275	State	OW	P
MONUMENT ST 32-2	02	090S	170E	4304732737	12275	State	OW	P
CASTLE DRAW 8-2	02	090S	170E	4304732842	12275	State	D	PA
CASTLE DRAW 1-2-9-17	02	090S	170E	4304732843	12275	State	OW	S
CASTLE DRAW 9-2-9-17	02	090S	170E	4304733238	12275	State	OW	P
CASTLE DRAW 15-2-9-17	02	090S	170E	4304733239	12275	State	OW	P
CASTLE DRAW 16-2-9-17	02	090S	170E	4304733240	12275	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

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

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 2, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6121

Mr. Mike Guinn
Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

43 047 32843
Castle Draw 1-29-17
95 17E 2

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases

Dear Mr. Guinn:

As of July 2008, Newfield Production Company (Newfield) has two (2) Fee Lease Wells and twenty (20) State Mineral Lease Wells (see attachment A) in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

Several wells on the attached list have been denied for extended SI/TA. There has been only one response since these denials were issued. In a sundry notice signed and dated February 17, 2005, Newfield stated they "intend to Plug and Abandon the well (State 16-2 API# 43-013-30552) upon signature approval, the procedure will begin." Based on this report, the Division granted SI/TA extension for this well until September 1, 2005. More than sufficient time has passed to accomplish the P&A on this well. To date, the Division has not received a sundry to P&A this well. Please address this matter promptly by including required documents for this and all wells listed on Attachment A.

For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and



Page 2
September 2, 2008
Mr. Guinn

3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

JP/js
Enclosure

cc: Jim Davis, SITLA
Wells File
Compliance File

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	State 16-2	43-013-30552	Sate	27 Years 4 Months
2	Wells Draw ST 7-36	43-013-30934	ML-21835	3 Years 4 Months
3	Ashley ST	43-013-32574	ML-43538	1 Year 4 Months
4	Dugout Creek ST	43-007-31022	ML-48660	3 Years 0 Months
5	Dugout Creek 22-16	43-007-31023	ML-48599	2 Years 8 Months
6	NGC ST 33-32	43-047-31116	ML-22058	1 Year 2 Months
7	Gulf State 36-13	43-047-31345	ML-22057	2 Years 0 Months
8	Gulf State 36-12	43-047-31864	ML-22057	1 Year 0 Months
9	Gulf State 36-22	43-047-31892	ML-22057	1 Year 5 Months
10	State 31-32	43-047-32500	State	1 Year 7 Months
11	UTD State 36-M	43-047-32581	State	3 Years 11 Months
12	Sundance ST 3-32	43-047-32741	ML-22058	1 Year 2 Months
13	Castle Draw 1-2-9-17	43-047-32843	State	4 Years 0 Months
14	Castle Draw 9-2-9-17	43-047-33238	State	1 Year 0 Months
15	Sundance 9-32-8-18	43-047-34460	State	4 Years 7 Months
16	Sundance 16-32-8-18	43-047-34466	State	4 Years 6 Months
17	State 15-2-9-18	43-047-35780	ML-48377	1 Year 11 Months
18	State 14-2-9-18	43-047-35781	ML-48377	2 Years 0 Months
19	State 13-2-9-18	43-047-35782	ML-48377	1 Year 11 Months
20	State 12-2-9-18	43-047-35783	ML-48377	2 Years 0 Months
21	Rex Lamb 34-2	43-047-31692	Fee	1 Year 11 Months
22	Anna Belle 31-2-J	43-047-31698	Fee	1 Year 4 Months



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 24, 2009

CERTIFIED MAIL NO.: 7005 0390 0000 7507 4221

Mr. Mike Guinn
Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

43 0A7 32843
Castle Draw 1-2-9-17
9S 17E 2

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Wells on Fee or State Leases**

Dear Mr. Guinn:

As of January 2009, Newfield Production Company ("Newfield") has thirteen (13) State Mineral Lease Wells (see attachment A) in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (R649-3-36-1.3.3).

Several wells on the attached list have been denied for extended SI/TA. Previously in a sundry notice signed and dated February 17, 2005, Newfield stated they "intend to Plug and Abandon the well (State 16-2 API# 43-013-30552)... upon signature approval, the procedure will begin." Based on this report, the Division granted SI/TA extension for this well until September 1, 2005. Ample time has passed to plug this well. To date, the Division has not received a sundry to perform proposed work on this well. Also, in September 2008 the Division sent a notice via certified mail addressing the non-compliance issues on the above listed wells. Specific information was requested per R-649-3-36. No such correspondence has been received from Newfield. Please address this matter promptly by including required documents for all wells listed on Attachment A.



For extended SI/TA consideration the operator shall provide the Division with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, a notice of violation will be issued. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/JS

Enclosure

cc: Jim Davis, SITLA

Wells File

Compliance File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITLA

ATTACHMENT A

	Well Name	API	Lease Type	Years Inactive
1	State 16-2	43-013-30552	Sate	36 Years 9 Months
2	Dugout Creek ST	43-007-31022	ML-48660	3 Years 6 Months
3	Dugout Creek 22-16	43-007-31023	ML-48599	3 Years 2 Months
4	Gulf State 36-22	43-047-31892	ML-22057	1 Year 11 Months
5	State 31-32	43-047-32500	State	2 Years 1 Month
6	UTD State 36-M	43-047-32581	State	4 Years 5 Months
7	Castle Draw 1-2-9-17	43-047-32843	State	4 Years 6 Months
8	Sundance 9-32-8-18	43-047-34460	State	5 Years 1 Month
9	Sundance 16-32-8-18	43-047-34466	State	5 Years
10	State 15-2-9-18	43-047-35780	ML-48377	2 Years 5 Months
11	State 14-2-9-18	43-047-35781	ML-48377	2 Years 6 Months
12	State 13-2-9-18	43-047-35782	ML-48377	2 Years 5 Months
13	State 12-2-9-18	43-047-35783	ML-48377	2 Years 6 Months



March 12, 2009

Mr. Dustin Doucet
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84116

43 047 32843
Castle Draw 1-2-9-17
9S 17E 2

Re: Shut-In & Temporarily Abandoned Well Requirements Request dated February 24, 2009.

Dear Mr. Doucet:

In response to your letters dated February 24, 2009, I have attached a spreadsheet with the plan for sundry action towards the wells listed in your letters. (I have also included your original documents in the attachments).

The completed sundries will be processed and submitted to your office by March 24th, 2009, as requested in your letters. Please note several of the wells have already been put back on production.

If you have any questions concerning this matter, please contact Tom Walker at 303-383-4114 or Susan Linder at 303-382-4443.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Walker", written over a horizontal line.

Tom Walker
Operations Engineer

RECEIVED

MAR 23 2009

DIV. OF OIL, GAS & MINING

1st Letter				
API number	Well name/number	Lease/CA #	Status	Comments
43-013-31094	State 16-2N-9-16	ML-16532	P	Workover complete - back on Production Feb 20, 2009
43-013-32574	Ashley St 10-2-9-15	ML-43538	SI	Schedule cement job and put back on production.
43-047-31345	Gulf State 36-13-8-18	ML-22057	SI	Schedule re-completion and put back on production
43-047-31350	Gulf State 36-11-8-18	ML-22057	P	Currently producing - sundry sent in on 10/22/08 - recomplete put back on prod.
43-047-31482	HSB State 36-1-6-21	ML-33225	PGW	Currently in producing status
43-047-31698	Anna Belle 31-2-J-6-21	Fee	P	Currently in producing Status Workover for Tubing Leak Dec 10, 2008. Well went back on production Feb 2009. Review for production enhancement/possible acid stimulation workover.
43-047-31864	Gulf State 36-12-8-18	ML-22057	SI	Well has been put on schedule for re-completion work
43-047-32741	Sundance State 3-32	ML-22058	P	Currently producing. Well was placed back on production 9-24-08
43-047-33238	Castle Draw 9-2-9-17	ML-45555	SI	Sundry sent in 2/27/09 by Eric Sundberg from producer to Injection well
2nd notice				
API number	Well name/number	Lease/CA #	Status	Comments
43-013-30552	State 16-2-9-17	State	TA	Prepare sundry with P&A date and procedures. P&A to be completed by July 2009
43-007-31022	Dugout Creek State 14-2	ML-48660	SI-Gas	Prepare Sundry to change status from SI to TA Do not want to P&A wells. Currently uneconomical to produce
43-007-31023	Dugout Creek State 22-16	ML-48599	SI-Gas	Prepare Sundry to change status from SI to TA Do not want to P&A wells. Currently uneconomical to produce
43-047-31892	Gulf State 36-22	ML-22057	SI	Schedule re-completion and put back on production
43-047-32500	State 31-32-8-18	State	SI	Schedule re-completion and put back on production
43-047-32581	UTD State 36-M	State	SI	Prepare Sundry for TA-well is important to water flood program
43-047-32843	Castle Draw 1-2-9-17	State	SI	Prepare Sundry for workover-Acid job planned for well.
43-047-34460	Sundance 9-32-8-18	State	WOC	Well is currently at day 15 completion stage
43-047-34466	Sundance 16-32-8-18	State	WOC	Prepare Sundry to TA well (Drilled, cased, never perf'd)
43-047-35783	State 12-2-9-18	ML-48377	SO	Suspended operations-prepare sundry to TA well. (Drilled 320'- surface casing only)
43-047-35782	State 13-2-9-18	ML-48377	SO	Suspended operations-prepare sundry to TA well. (Drilled 320'- surface casing only)
43-047-35781	State 14-2-9-18	ML-48377	SO	Suspended operations-prepare sundry to TA well. (Drilled 320'- surface casing only)
43-047-35780	State 15-2-9-18	ML-48377	SO	Suspended operations-prepare sundry to TA well. (Drilled 320'- surface casing only)



RECEIVED
JUN 08 2009
DIV. OF OIL, GAS & MINING

June 5, 2009

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-completion
Castle Draw 1-2-9-17
Sec.2, T9S, R17E
API #4301332843

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

Jentri Park
Production/Tech

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CASTLE DRAW 1-2-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732843

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:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 662 FNL 660 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 2, T9S, R17E

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"/> TEMPORARILY 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/07/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input 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 type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted and then placed back on production, attached is a daily recompletion status report. The following perforations were added in the Green River Formation:

CP4 5754'-5759' 4 JSPF 20 holes
CP4 5788'-5799' 4 JSPF 44 holes

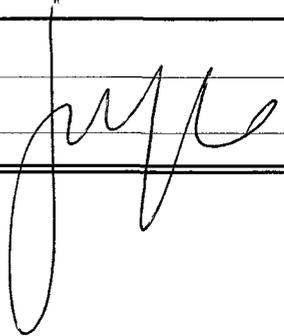
RECEIVED

JUN 08 2009

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 06/04/2009

(This space for State use only)

Daily Activity Report

Format For Sundry

CASTLE DRAW 1-2-9-17

3/1/2009 To 7/30/2009

5/2/2009 Day: 1

Recompletion

WWs #5 on 5/1/2009 - MIRU WWS #5. Hot oiler had pumped 70 BW down csg @ 250°. RD pumping unit. Unseat rod pump. Soft seat rods & pump. Fill tbg & pressure test to 3000 psi. Unseat rod pump & flush tbg w/ 40 BW @ 250°. TOOH w/ rods as follows: 1 1/2" X 22' polished rod, 1-8', 2-4' & 1-2' pony rods, 95- 3/4" guided rods, 113- 3/4" plain rods, 10- 3/4" guided rods, 6- 1 1/2" weight rods & rod pump. X-over for tbg. ND wellhead. TA not set. NU BOPs. RU rig floor. PU tbg & tag fill @ 5808' clean out to PBSD @ 5821' (10' high). Circulate well clean. LD tbg used to tag fill. TOOH w/ 30- jts 2 7/8" M-50 tbg. Rig broke down. Repair rig. TOOH w/ 90- jts 2 7/8" M-50 tbg. SWIFN.

5/3/2009 Day: 2

Recompletion

WWs #5 on 5/2/2009 - Flush tbg w/ 40 BW @ 250°. Continue TOOH w/ 62- jts tbg, TA, SN & NC. RU Perforators LLC WLT. RIH w/ 4 3/4" gauge ring, 11' & 5' perf guns to 5816'. Perforate CP4 sds @ 5788-99' & 5754-59' w/ 3-1/8" Slick Guns (19 gram, .49"EH. 120°) w/ 4 spf for total of 64 shots. POOH w/ wireline & RD Perforators LLC. PU & TIH w/ Weatherford TS plug, HD packer & 192- jts 2 7/8" N-80 tbg. Set TS plug @ 5770' & set HD packer @ 5725'. Brake perfs down @ 3400 psi, establish injection rate of 1/2 BPM @ 3100 psi, ISIP 2100 psi. Release packer, TIH latch onto & release plug. TIH & set plug @ 5815', PUH & set packer @ 5729'. Brake down perfs @ 1400 psi, establish injection rate of 1/2 BPM @ 1200 psi, ISIP 1100 psi. Release packer. SWIFN.

5/6/2009 Day: 3

Recompletion

WWs #5 on 5/5/2009 - Set HD packer w/ CE @ 5668' & EOT @ 5678'. RU BJ services. 2 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac CP4 sds down tbg w/ 33,897#'s of 20/40 sand in 345 bbls of Lightning 17 fluid. Broke @ 1993 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 4172 psi @ ave rate of 15.5 BPM. ISIP 1719 psi. Flow well back @ 3 BPM. Flow well back until dead. Recovered 150 BW. Fill annulus, release packer & circulate well clean. TIH & tag fill @ 5795', clean out to RBP @ 5815'. TOOH w/ 5 jts tbg. RU swab. Made 8 swab runs w/ SFL @ surface & EFL @ 900'. Recovered 84 bbls fluid w/ trace of oil & gas & no show of sand. TIH & tag fill @ 5814'. Clean out to RBP @ 5815'. Circulate well clean. Latch onto & release TS plug. PUH & set RBP @ 4913', PUH & leave packer released @ 4749'. SWIFN.

5/7/2009 Day: 4

Recompletion

WWs #5 on 5/6/2009 - Set packer @ 4749'. RU BJ services. Acidize CP2 & CP.5 sds as detailed below w/ 687 gals of 4% Techni-Hib 767W solution, 1050 gals of fresh water spacer, 450 gals of 15% HCL & 1197 gals of fresh water for flush. Flowback until dead, recovered 16 BW. Release packer & reverse circulate well clean. TIH, latch onto & retrieve RBP. TIH & set RBP @ 5670'. PUH & set packer w/ CE @ 5505'. Acidize C & D2 sds as detailed below w/ 687 gals of 4% Techni-Hib 767W solution, 1050 gals of fresh water spacer, 450 gals of 15% HCL & 1579 gals of fresh water for flush. Flowback until dead, recovered 21 BW. Release packer & reverse circulate well clean. TIH, latch onto & retrieve RBP. LD N-80 work string, packer & plug. Flushed tbg w/ 40 BW during TOOH. TIH w/ production tbg as follows: 2 7/8" bull plug, 3- jts 2 7/8" J-55 tbg, 2 7/8" nipple, PBGA, 1- jt 2 7/8" tbg, SN, 2- jts 2 7/8" tbg, TA, 176- jts 2 7/8" J-55 tbg. Flush tbg w/ 30 BW @ 250° during TIH & 40 BW @ 250° after tbg on bottom. Set TA @ 5508' w/ 18,000# tension. RD rig floor. ND BOPs. NU wellhead. X-over for rods.

SWIFN.

5/8/2009 Day: 5

Recompletion

WWs #5 on 5/7/2009 - PU & prime Central Hydraulic 2 1/1" X 1 1/2" X 17' X 20' RHAC rod pump. TIH w/ rods as follows: 6- 1 1/2" weight rods, 20- 3/4" guided rods, 96- 3/4" plain rods, 100- 3/4" guided rods, 1-2' X 3/4" pony rod & 1 1/2" X 26' polished rod. RU pumping unit. Fill tbg w/ 2 BW & stroke test pump w/ unit to 800 psi. PWOP @ 10:30 AM w/ 72" SL @ 4 SPM. RDMOSU. Final Report!

Pertinent Files: [Go to File List](#)

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.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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)
662 FNL 660 FEL
NENE Section 2 T9S R17E

5. Lease Serial No.

UTAH STATE ML-45555

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GMBU

8. Well Name and No.

CASTLE DRAW 1-2-9-17

9. API Well No.

4304732843

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

UINTAH, 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 recomplate 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.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg
Signature

Title

Regulatory Lead

Date

11/11/10

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

(Instructions on page 2)

RECEIVED

NOV 22 2010

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JAN 27 2012

RECEIVED

FEB 01 2012

DIV. OF OIL, GAS & MINING

Ref: 8P-W-GW

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well to Castle Draw Area Permit
EPA UIC Permit UT20776-09451
Well: Castle Draw 1-2-9-17
NENE Sec. 2-T9S-R17E
Uintah County, Utah
API No.: 43-047-32843

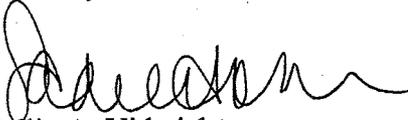
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Castle Draw 1-2-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Castle Draw Area Permit No. UT20776-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,




Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore schematic for Castle Draw 1-2-9-17

cc: Letter Only:

Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr.; Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

http://www.epa.gov/region08

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20776-00000

The Castle Draw Final UIC Area Permit UT20776-00000, effective November 29, 1995, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On December 21, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

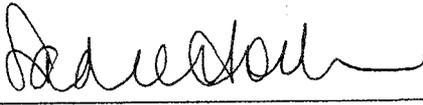
Well Name:	Castle Draw 1-2-9-17
EPA Permit ID Number:	UT20776-09451
Location:	662' FNL & 660' FEL NENE Sec. 2-T9S-R17E Uintah County, Utah API #43-047-32843

Pursuant to 40 CFR §144.33, Area UIC Permit UT20776-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20776-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 1/24/12 _____

 _____

 **Callie A. Videtich**
 * Acting Assistant Regional Administrator
 Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Castle Draw 1-2-9-17
EPA Well ID Number: UT20776-09451

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,775 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.82 psi/ft, SG is 1.015 and D is 4,676 ft.

UIC Area Permit No. UT20776-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down whole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug

(CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

(2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.

(3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval;
OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Castle Draw 1-2-9-17
EPA Well ID Number: UT20776-09451

Underground Sources of Drinking Water (USDWs): USDWs in the Castle Draw Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 50 ft. below ground surface in the Castle Draw 1-2-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

*Authorization for Additional Well: UIC Area Permit UT20776-00000
Well: Castle Draw 1-2-9-17 EPA Well ID: UT20776-09451*

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20776-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. However, the Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 298 ft. in a 12-1/4" hole, using 140 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,881 ft. in a 7-7/8" hole secured with 660 sacks of cement. Total driller depth is 5,880 ft. Plugged back total depth is 5,831 ft.

EPA calculates top of cement at 1498 ft. Estimated CBL top of cement is 250 ft.

Perforations: Top perforation: 4,676 ft.

Bottom perforation: 5,799 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following four wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Castle Draw 1-2-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Federal 16-35-8-17	API: 43-047-36080	SESE Sec. 2-T9S-R17E
Monument State 31-2-9-17 UT20776-04427	API: 43-047-32563	NWNE Sec. 2-T9S-R17E
GMB B-2-9-17	API: 43-047-51549	SHL: NENE Sec. 2-T9S-R17E BHL: NENE Sec. 2-T9S-R17E
Greater Monument Butte J-2-9-17	API: 43-047-51550	SHL: NENE Sec. 2-T9S-R17E BHL: SENENE Sec. 2-T9S-R17E

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) **Anticipated Noncompliance.** The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.**

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

Castle Draw #1-2-9-17

Initial Production: 45 BOPD, 0 MCFD, 11 BWPD

Spud Date: 11-25-97
Completion Date: 1-24-98
GL: 4989' KB: 5002'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" / J-55 / 24#
LENGTH: 288' (7 jts)
DEPTH LANDED: 298'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sx Premium cmt, est 2.5 bbls to surface

PRODUCTION CASING

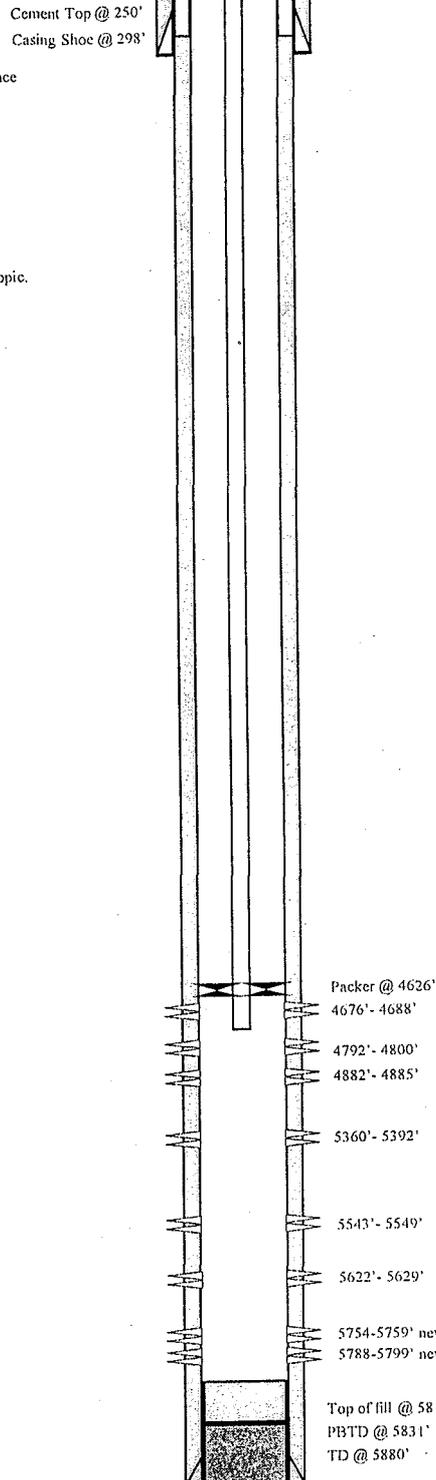
CSG SIZE: 5-1/2" / J-55 / 15.5#
LENGTH: 5872' (138 jts)
DEPTH LANDED: 5881'
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sx Hibond mixed & 310 sxs Thixotropic.
CEMENT TOP @ 250' per CBL

TUBING

SIZE/GRAD/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 176 jts (5497.60')
TUBING ANCHOR: 5507.60' KB
NO. OF JOINTS: 2 jt (63.00')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5573.40' KB
NO. OF JOINTS: 1 jts (31.30')
NO. OF JOINTS: 3 jts (93.60')
TOTAL STRING LENGTH: EOT @ 5705.20' KB

FRAC JOB

1/15/98	5543' - 5629'	Frac CP sand as follows: 113,400# 20/40 sand in 562 bbls Delta Frac. Perfs broke @ 3050 psi. Treated w/avg press of 1800 psi w/avg rate of 32.4 BPM. ISIP- 2201 psi, 5 min 1911 psi. Flowback on 12/64" ck for 4-1/2 hrs and died.
1/17/98	5360'-5392' 20/40 sand in 510 bbls	Frac LDC sand as follows: 104,200# Delta Frac. Perfs broke @ 2500 psi. Treated w/avg press of 3400 psi w/avg rate of 33 BPM. Screened out. Pumped 98,500# sand in perfs. ISIP-3990 psi, 5 min 2396. Flowback on 12/64" ck for 4-1/2 hrs and died.
1/20/98	4792'-4885'	Frac C/D sand as follows: 120,300# 20/40 sand in 565 bbls Delta Frac. Perfs broke @ 1926 psi. Treated w/avg press of 1850 psi w/avg rate of 32.6 BPM. ISIP- 1964 psi, 5 min 1846 psi. Flowback on 12/64" ck for 5 hrs and died.
1/22/98	4676'-4688'	Frac YDC sand as follows: 104,400# 20/40 sand in 509 bbls Delta Frac. Perfs broke @ 3961 psi. Treated w/avg press of 2050 psi w/avg rate of 24.4 BPM. ISIP- 2408 psi, 5 min 2223 psi. Flowback on 12/64" ck for 4 hrs and died.
3/16/02 9/3/02		Rod job. Update rod and tubing details. Stuck pump. Update rod and tubing details.
5/5/09	5754-5799	Frac CP4 sds as follows: 33,897# 20/40 sand in 345 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4172 psi @ ave rate of 15.5 BPM. ISIP 1719 psi.
02/27/10		Tubing Leak. Rod & tubing detail updated.



PERFORATION RECORD

1/14/98	5543' - 5549'	4 SPF	24 holes
1/14/98	5622' - 5629'	4 SPF	28 holes
1/16/98	5360' - 5392'	2 SPF	64 holes
1/18/98	4792' - 4800'	4 SPF	32 holes
1/18/98	4882' - 4885'	4 SPF	12 holes
1/21/98	4676' - 4688'	4 SPF	48 holes
5/1/2009	5754-5759'	4 spf	20 holes
5/1/2009	5788-5799'	4 spf	44 holes



Castle Draw #1-2-9-17
662FNL & 660 FEL
NE NE Section 2-T9S-R17E
Uintah Co, Utah
API #43-047-32843; Lease #ML-45555

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: ML-45555
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: CASTLE DRAW 1-2-9-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047328430000	
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: 0662 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: UINTAH	
		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 type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/6/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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 02/29/2012. On 02/28/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/06/2012 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA#
UT20776-09451

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 12, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/7/2012	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 16 2012
 Test conducted by: Eric L. Park
 Others present: _____

Well Name: <u>Castle Draw 1-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>monument Butte</u>		
Location: <u>NE/NE</u> Sec: <u>2</u> T <u>9</u> N <u>10</u> R <u>17</u> <u>E</u> /W County: <u>Lincoln</u> State: <u>UT</u>		
Operator: <u>Eric L. Park</u>		
Last MIT: <u>/</u> / <u>/</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1455</u> psig	psig	psig
5 minutes	<u>1455</u> psig	psig	psig
10 minutes	<u>1455</u> psig	psig	psig
15 minutes	<u>1455</u> psig	psig	psig
20 minutes	<u>1455</u> psig	psig	psig
25 minutes	<u>1455</u> psig	psig	psig
30 minutes	<u>1455</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

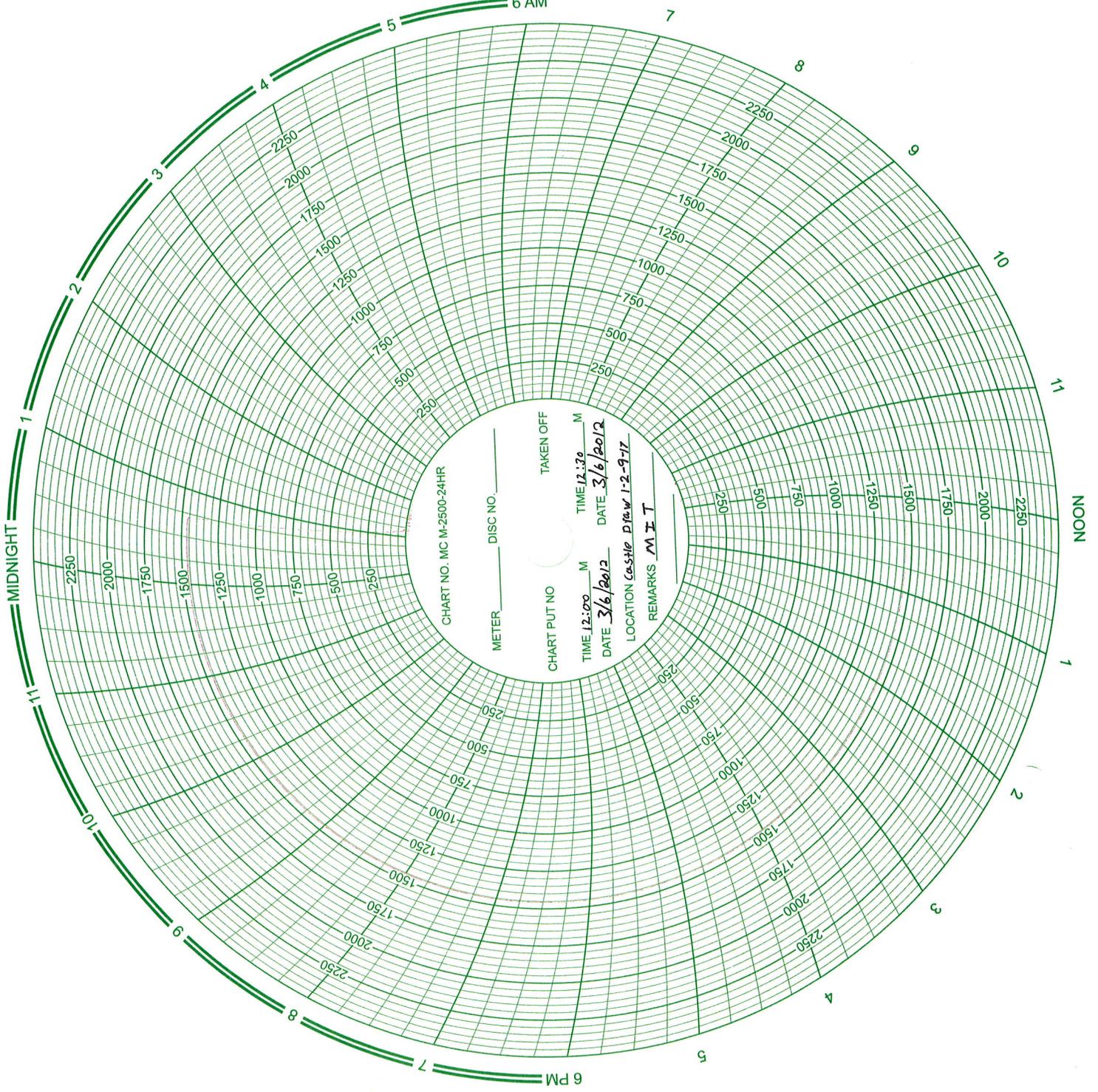


CHART NO. MC M-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO. _____

TAKEN OFF _____

TIME 12:00 M

TIME 12:30 M

DATE 3/6/2012

DATE 3/6/2012

LOCATION CASHIE D.W. 1-2-9-17

REMARKS M I T

Daily Activity Report

Format For Sundry

CASTLE DRAW 1-2-9-17

12/1/2011 To 4/29/2012

3/1/2012 Day: 3

Conversion

WWS #5 on 3/1/2012 - test tbg, circ. Pkr fluid, land tbg, test csg - psi tbg back up to 3000#, hold for 30 min-good test- Ret. SV w/sandline, mix 20 gal pkr fluid w/10 bbl fresh wtr, circ 60 bbl dwn csg, ND BOP, set pkr @ 4609', SN @ 4604', EOT @ 4613', land tbg w/injection tree w/15000# tension, psi test csg to 1500# w/2bw, hold for 30 min-good test- RD rig. - psi tbg back up to 3000#, hold for 30 min-good test- Ret. SV w/sandline, mix 20 gal pkr fluid w/10 bbl fresh wtr, circ 60 bbl dwn csg, ND BOP, set pkr @ 4609', SN @ 4604', EOT @ 4613', land tbg w/injection tree w/15000# tension, psi test csg to 1500# w/2bw, hold for 30 min-good test- RD rig. - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - psi tbg back up to 3000#, hold for 30 min-good test- Ret. SV w/sandline, mix 20 gal pkr fluid w/10 bbl fresh wtr, circ 60 bbl dwn csg, ND BOP, set pkr @ 4609', SN @ 4604', EOT @ 4613', land tbg w/injection tree w/15000# tension, psi test csg to 1500# w/2bw, hold for 30 min-good test- RD rig. - NDWH, Rel RAC, NU BOP, RU tbg eq. PU & RIH w/4 jts, tag fill @ 5810', 11' below bottom perf, LD 4 jts, TOOH tallying tbg, breaking & green doping every connection w/147 jts tbg, LD 29 jts, 5 1/2" TAC, 2 jts, SN, 1 jt, gas anchor, 2 7/8" nipple, 3 jts, collar & plug, flushed 2 times w/60bw, TIH w/AS1 pkr, new SN, 147 jts 2 7/8" tbg, pump 10bw, drop SV, psi test tbg to 3000#-good, SWIFN - NDWH, Rel RAC, NU BOP, RU tbg eq. PU & RIH w/4 jts, tag fill @ 5810', 11' below bottom perf, LD 4 jts, TOOH tallying tbg, breaking & green doping every connection w/147 jts tbg, LD 29 jts, 5 1/2" TAC, 2 jts, SN, 1 jt, gas anchor, 2 7/8" nipple, 3 jts, collar & plug, flushed 2 times w/60bw, TIH w/AS1 pkr, new SN, 147 jts 2 7/8" tbg, pump 10bw, drop SV, psi test tbg to 3000#-good, SWIFN - NDWH, Rel RAC, NU BOP, RU tbg eq. PU & RIH w/4 jts, tag fill @ 5810', 11' below bottom perf, LD 4 jts, TOOH tallying tbg, breaking & green doping every connection w/147 jts tbg, LD 29 jts, 5 1/2" TAC, 2 jts, SN, 1 jt, gas anchor, 2 7/8" nipple, 3 jts, collar & plug, flushed 2 times w/60bw, TIH w/AS1 pkr, new SN, 147 jts 2 7/8" tbg, pump 10bw, drop SV, psi test tbg to 3000#-good, SWIFN - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - MIRU, pump 60bw dwn csg, 1 hr to bleed tbg off, unseat pump, LD polish rod & pony's, flush rods w/30bw, seat pump, psi test tbg to 3000# w/10bw-good test. LD rods, wait 2 hrs for hot oiler to return from another job, flush rods w/30bw, cont LD rods & pump, x-over to tbg equip. SWIFN - psi tbg back up to 3000#, hold for 30 min-good test- Ret. SV w/sandline, mix 20 gal pkr fluid w/10 bbl fresh wtr, circ 60 bbl dwn csg, ND BOP, set pkr @ 4609', SN @ 4604', EOT @ 4613', land tbg w/injection tree w/15000# tension, psi test csg to 1500# w/2bw, hold for 30 min-good test- RD rig. - psi tbg back up to 3000#, hold for 30 min-good test- Ret. SV w/sandline, mix 20 gal pkr fluid w/10 bbl fresh wtr, circ 60 bbl dwn csg, ND BOP, set pkr @ 4609', SN @ 4604', EOT @ 4613', land tbg w/injection tree w/15000# tension, psi test csg to

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Daily Cost: \$0

Cumulative Cost: \$76,766

3/6/2012 Day: 4

Conversion

Rigless on 3/6/2012 - Conduct initial MIT - On 02/28/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/06/2012 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-09451 - On 02/28/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/06/2012 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-09451 - On 02/28/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/06/2012 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-09451 - On 02/28/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 03/06/2012 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-09451 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$102,086

Pertinent Files: [Go to File List](#)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 12 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

APR 18 2012

DIV. OF OIL, GAS & MINING

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20776-09451
Well: Castle Draw 1-2-9-17
NENE Sec. 2-T9S-R17E
Uintah County, Utah
API No.: 43-047-32843

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) March 6, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20776-09451.

As of the date of this letter, Newfield is authorized to commence injection into the Castle Draw 1-2-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,775 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20776-09451. If Newfield seeks a higher MAIP than 1,775 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of, and to comply with, all conditions of Permit UT20776-09451.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,



Callie Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
		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: CASTLE DRAW 1-2-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43047328430000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0662 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		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 type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	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 3:30 PM on
04/18/2012. EPA # UT20776-09451

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
May 03, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/18/2012	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 17 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
OCT 24 2012
DIV. OF OIL, GAS & MINING

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, Utah 84502

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Continue Injection
EPA UIC Permit UT20776-09451
Well: Castle Draw 1-2-9-17
NENE Sec. 2-T9S-R17E
Uintah Duchesne County, Utah
API No.: 43-047-32843

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 received the results of the September 28, 2012, Radioactive Tracer Survey (RTS) for the Castle Draw 1-2-9-17 well. The EPA determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 1,775 psig.

As of the date of this letter, the EPA hereby authorizes continued injection into the Castle Draw 1-2-9-17 well under the terms and conditions of UIC Permit UT20776-09451.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. A current copy of EPA guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS conducted at the higher MAIP is required.

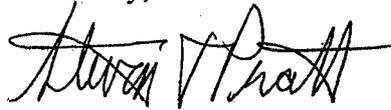
As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211. Please remember that it is your responsibility to be aware of, and to comply with, all conditions of injection well Permit UT20776-09451.

If you have questions regarding the above action, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278.

Sincerely,



for Howard M. Cantor, for
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Irene Cuch, Chairwoman
Richard Jenks, Jr., Councilman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Ronald Wopsock, Vice-Chairman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

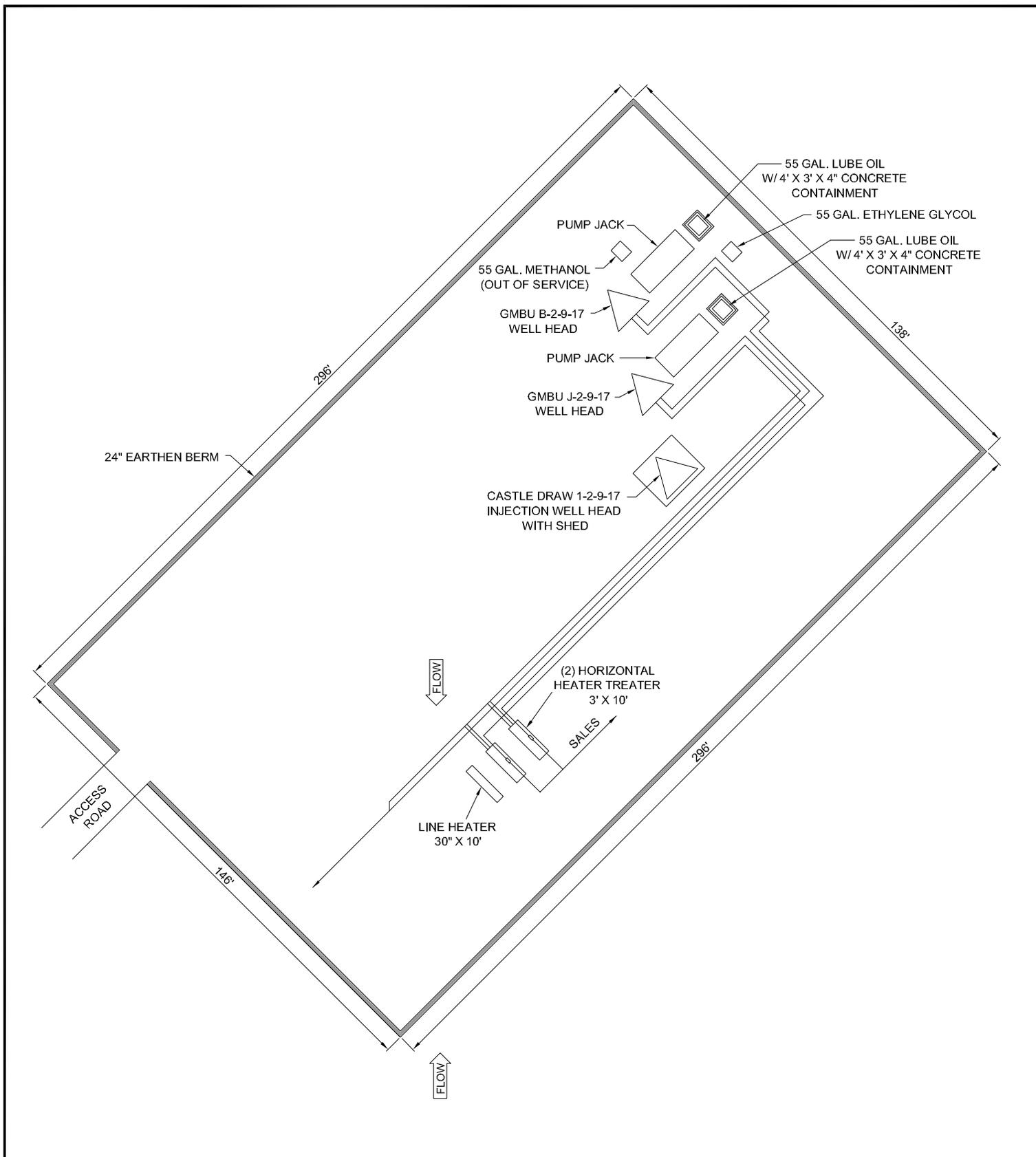
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3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: CASTLE DRAW 1-2-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0662 FNL 0660 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 02 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047328430000
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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: 1/20/2014	<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"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
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	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<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 type="text" value="Site Facility/Site Security"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. SEE ATTACHED REVISED SITE FACILITY DIAGRAM		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 23, 2014		
NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 1/23/2014	



Federal Lease #: UTU-87538X (ML-45555)
 CASTLE DRAW 1-2-9-17 - API #: 4304732843
 GMBU J-2-9-17 - API #: 4304751549
 GMBU B-2-9-17 - API #: 4304751550

	CASTLE DRAW 1-2-9-17, GMBU J-2-9-17 AND GMBU B-2-9-17
	Newfield Exploration Company NENE Sec 2, T9S, R17E Uintah County, UT
N.T.S.	
M.G.	
FEB 2013	

Castle Draw 1-2-9-17

Spud Date 11-23-97
 Completion Date 1-24-98
 GL: 4989' KB: 5002'

Initial Production: 45 BOPD, 0
 MCFD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8" J-55 / 24#
 LENGTH: 288' (7 jts)
 DEPTH LANDED: 295'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sx Premium cmt, est 2.5 bbls to surface

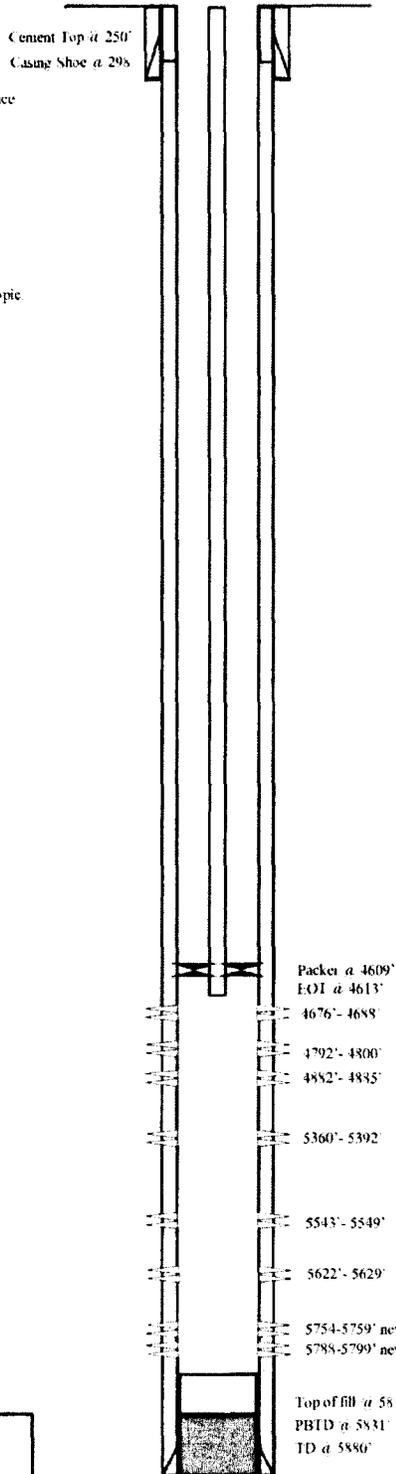
PRODUCTION CASING

CSG SIZE: 5-1/2" J-55 / 15.5#
 LENGTH: 5872' (138 jts)
 DEPTH LANDED: 5881'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sx Hibond mixed & 310 sxs Thixotropic
 CEMENT TOP @ 250' per CBI

TUBING

SIZE GRADE/WL: 2-7/8" J-55 / 6.5#
 NO. OF JOINTS: 147 jts (4594.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4604.7' KB
 CE (3.30) @ 4609'
 TOTAL STRING LENGTH: EOI @ 4613' KB

Injection Wellbore Diagram



FRAC JOB

1/15/98 5543' - 5629' **Frac CP sand as follows:**
 113,400# 20/40 sand in 562 bbls
 Delta Frac. Perfs broke @ 3050
 psi. Treated w/avg press of 1800
 psi w/avg rate of 32.4 BPM. ISIP-
 2201 psi, 5 min 1911 psi.
 Flowback on 12.64" ck for 4-1/2
 hrs and died

1/17/98 5360'-5392' **Frac LDC sand as follows:** 104,200#
 20/40 sand in 510 bbls Delta Frac. Perfs
 broke @ 2500 psi. Treated w/avg press of
 3400 psi w/avg rate of 33 BPM.
 Screened out. Pumped 98,500#
 sand in perfs. ISIP-3990 psi, 5
 min 2396. Flowback on 12.64" ck
 for 4-1/2 hrs and died.

1/20/98 4792'-4885' **Frac CD sand as follows:**
 120,300# 20/40 sand in 565 bbls
 Delta Frac. Perfs broke @ 1926
 psi. Treated w/avg press of 1850
 psi w/avg rate of 32.6 BPM. ISIP-
 1964 psi, 5 min 1846 psi.
 Flowback on 12.64" ck for 5 hrs
 and died.

1/22/98 4676'-4688' **Frac YDC sand as follows:**
 104,400# 20/40 sand in 509 bbls
 Delta Frac. Perfs broke @ 3961
 psi. Treated w/avg press of 2050
 psi w/avg rate of 24.4 BPM. ISIP-
 2408 psi, 5 min 2223 psi.
 Flowback on 12.64" ck for 4 hrs
 and died.

3/16/02
 9/3/02 **Rod job.** Update rod and tubing details.
Stuck pump. Update rod and tubing
 details

5/5/09 5754-5799 **Frac CPI sds as follows:**
 33,897# 20/40 sand in 445 bbls of
 Lightning 17 fluid. Treated w/ ave pressure
 of 4172 psi @ ave rate of 15.5 BPM. ISIP
 1719 psi

02/27/10 **Tubing Leak.** Rod & tubing detail
 updated.

02/29/12 **Convert to Injection Well**
 03/06/12 **Conversion MIT Finalized** - rbg detail
 updated

PERFORATION RECORD

Date	Interval	SPF	Holes
1/14/98	5543'-5549'	1	24
1/14/98	5622'-5629'	4	28
1/16/98	5360'-5392'	2	64
1/18/98	4792'-4800'	4	32
1/18/98	4882'-4885'	4	12
1/21/98	4676'-4688'	4	38
5/12/09	5754-5759'	4	20
5/12/09	5788-5799'	4	44

NEWFIELD

Castle Draw 1-2-9-17
 662FNL & 660 FEL
 NE NE Section 2-T9S-R17E
 Uintah Co, Utah
 API #43-047-32843; Lease #ML-45555

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STATE: UTAH	STATE: UTAH

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<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/1/2017	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 02/01/2017 the casing was pressured up to 1243 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1448 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09451

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 13, 2017

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/9/2017	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2 / 1 / 2017
 Test conducted by: Shannon Lazenby
 Others present: _____

Well Name: <u>Castle brow 1-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>1-2-9-17</u> Sec: <u>2</u> T <u>95</u> N/S R <u>17</u> E/W County: <u>Uintah</u> State: <u>ut</u>		
Operator: <u>Shannon Lazenby</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1517</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 23 bpd

Pre-test casing/tubing annulus pressure: 0/1448 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1448</u> psig	psig	psig
End of test pressure	<u>1448</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1244.0</u> psig	psig	psig
5 minutes	<u>1244.0</u> psig	psig	psig
10 minutes	<u>1243.6</u> psig	psig	psig
15 minutes	<u>1243.2</u> psig	psig	psig
20 minutes	<u>1243.0</u> psig	psig	psig
25 minutes	<u>1242.8</u> psig	psig	psig
30 minutes	<u>1242.6</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Castle Draw 1-2-9-17 5 yr MIT
2/1/2017 1:18:58 PM

