

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS  FILLS  WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

970430 comp exp. off 4-2-97: 971210 Equitable to Inland 4-9-97:

DATE FILED FEBRUARY 23, 1996  
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-020255 INDIAN

DRILLING APPROVED: MARCH 14, 1996  
 SPUDDED IN: MARCH 20, 1996  
 COMPLETED: ~~4-19-96 POW~~ PUT TO PRODUCING: \* corrected completion 3-29-96

INITIAL PRODUCTION: 100 Bbl / & MCF, 15 BBL  
 GRAVITY A.P.I. 37.00

GOR:  
 PRODUCING ZONES: 4816-5240' MRRV  
 TOTAL DEPTH: 5950'  
 WELL ELEVATION: 5811' AL

DATE ABANDONED:  
 FIELD: ~~0801~~ CASTLE PEAK MONUMENT BUTTE 12-6-96

COUNTY: DUCHESNE  
 WELL NO. MONUMENT FEDERAL 41-8-9-16 API NO. 43-013-31619

LOCATION 806 FNL FT. FROM (N) (S) LINE. 605 FEL FT. FROM (E) (W) LINE. NE NE 1/4 - 1/4 SEC. 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	16E	8	Inland Prod. Co. EQUITABLE RESOURCES

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Horsebench SS	Dakota	Park City	McCracken
2nd Harder Shale	Burro Canyon	Rico (Goodridge)	Aneth
Wilson Mkr.	Cedar Mountain	Supai	Simonsen Dolomite
Ordovician Crk.	Buckhorn	Wolfcamp	Sevy Dolomite
2nd Ordovician Crk.	JURASSIC	CARBON I FEROUS	North Point
Woolah Crk.	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Carbonate	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR  
 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 NE NE Section 8, T9S, R16E      805.5' FNL & 605.3' FEL  
 At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 8, T9S, R16E

12. COUNTY OR PARISH      13. STATE  
 Duchesne      Utah

16. NO. OF ACRES IN LEASE  
 17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 5,950'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5811.1'

22. APPROX. DATE WORK WILL START\*  
 March 15, 1996

5. LEASE DESIGNATION AND SERIAL NO.  
 U-020255

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 n/a

7. UNIT AGREEMENT NAME  
 n/a

8. FARM OR LEASE NAME  
 Monument Federal

9. WELL NO.  
 #41-8-9-16

10. FIELD AND POOL, OR WILDCAT  
 Undesignated/Green River

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program/Casing Design for details.				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas, & Mining

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

24. SIGNED Molly Conrad TITLE Operations Secretary DATE 2-22-96

(This space for Federal or State office use)

PERMIT NO. 43-013-31619 APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE Petroleum Engineer DATE 3/14/96  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

# T9S, R16E, S.L.B.&M.

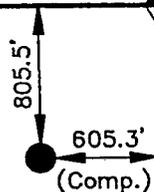
## EQUITABLE RESOURCES ENERGY CO.

N89°54'W - 40.03 (G.L.O.)

2644.95' (Measured)  
N89°54'W (G.L.O.) Basis of Bearings

**NOTE:**

The well location bears  
S36°55'44"W - 1006.3'  
from the Northeast corner  
of Sec. 8.



**WELL LOCATION:**  
**MONUMENT FEDERAL #41-8-9-16**  
ELEV. UNGRADED GROUND = 5811.1'

8

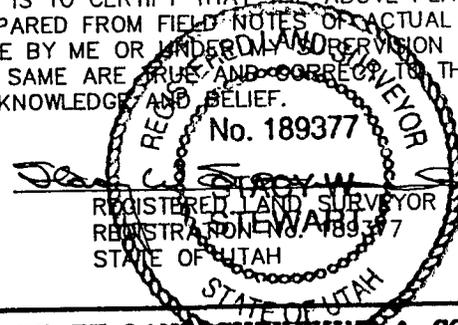
N0°03'W (G.L.O.)

N0°03'W (G.L.O.)

N89°50'W - 80.02 (G.L.O.)



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.



**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 SW)

SCALE: 1" = 1000'

SURVEYED BY: S.S.

DATE: 2-14-96

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  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860**

**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

6/19/95

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument Federal #41-8-9-16  
NE NE Section 8, T9S, R16E  
Duchesne 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.

**Multi-Point Surface Use and Operations Plan**

EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION  
BALCRON MONUMENT FEDERAL #41-8-9-16  
NE NE SECTION 8, T9S, R16E  
DUCHESNE COUNTY, UTAH

**1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)**

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' West and 200' & 250' North.
- B. The Monument Federal #41-8-9-16 is located 10 miles Southwest of Myton Utah in the NE1/4 NE1/4 Section 8, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 41-8-9-16, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.1 miles to a road intersection, turn right and continue 2.9 miles to road intersection. Turn right and proceed 2.9 miles to an intersection with a jeep trail. Continue along jeep trail 0.8 mile to location which straddles existing road.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

**2. Planned Access Roads: Refer to Map "B"**

No new road construction will be required for access to the proposed well location, however the existing jeep trail will be upgraded as required.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts

will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

**3. Location of Existing Wells Within a One-Mile Radius:**

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

**4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:**

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having

a permitted (private) source of materials within the area.

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 constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

#### **5. Location and Type of Water Supply**

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the

beginning of drilling operations.

- B. No water well will be drilled on this location.

**6. Source of Construction Materials**

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

**7. Methods of Handling Waste Materials:**

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

**8. Ancillary Facilities:**

None anticipated.

## 9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the North side of location. Access will be from the West near corner #3. An existing drainage that bisects the location between corner #1 and corner #2 will be re-routed as required.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
  - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
  - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
  - 3. All wire shall be stretched, by using a stretching

device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

**10. Plans for Reclamation of the Surface:**

The B.L.M. will be contacted prior to commencement of any reclamation operations.

**A. Production**

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

#### B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

(c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at

the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

#### **11. Surface Ownership:**

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management  
Vernal District Office  
Vernal, Utah

#### **12. Other Information:**

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
  1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
  2. There are no occupied dwellings in the immediate area
  3. An archaeological report will be forwarded upon completion.
  4. There are no reported restrictions or reservations noted on the oil and gas lease.
  5. A silt catchment dam will not be required for this location.

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

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

Dave McCoskery, Director of Operations and Engineering  
Home: (406) 248-3864  
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor  
Home: (801) 781-1018  
Mobile: (801) 828-7291

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's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2-22-96  
DATE

Molly Conrad  
Molly Conrad  
Operations Secretary  
Equitable Resources Energy Company  
Balcron Oil Division





EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

**DRILLING PROGRAM**

WELL NAME: Monument Federal #41-8-9-16  
PROSPECT/FIELD: Wells Draw  
LOCATION: NE NE Section 8 Twn.9S Rge.16E  
COUNTY: Duchesne  
STATE: Utah

DATE: 2-21-96

TOTAL DEPTH: 5950'

**HOLE SIZE INTERVAL**

12 1/4"	Surface to 260'
7 7/8"	260' to 5950'

CASING STRING TYPE	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5950'	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	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will 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.



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:

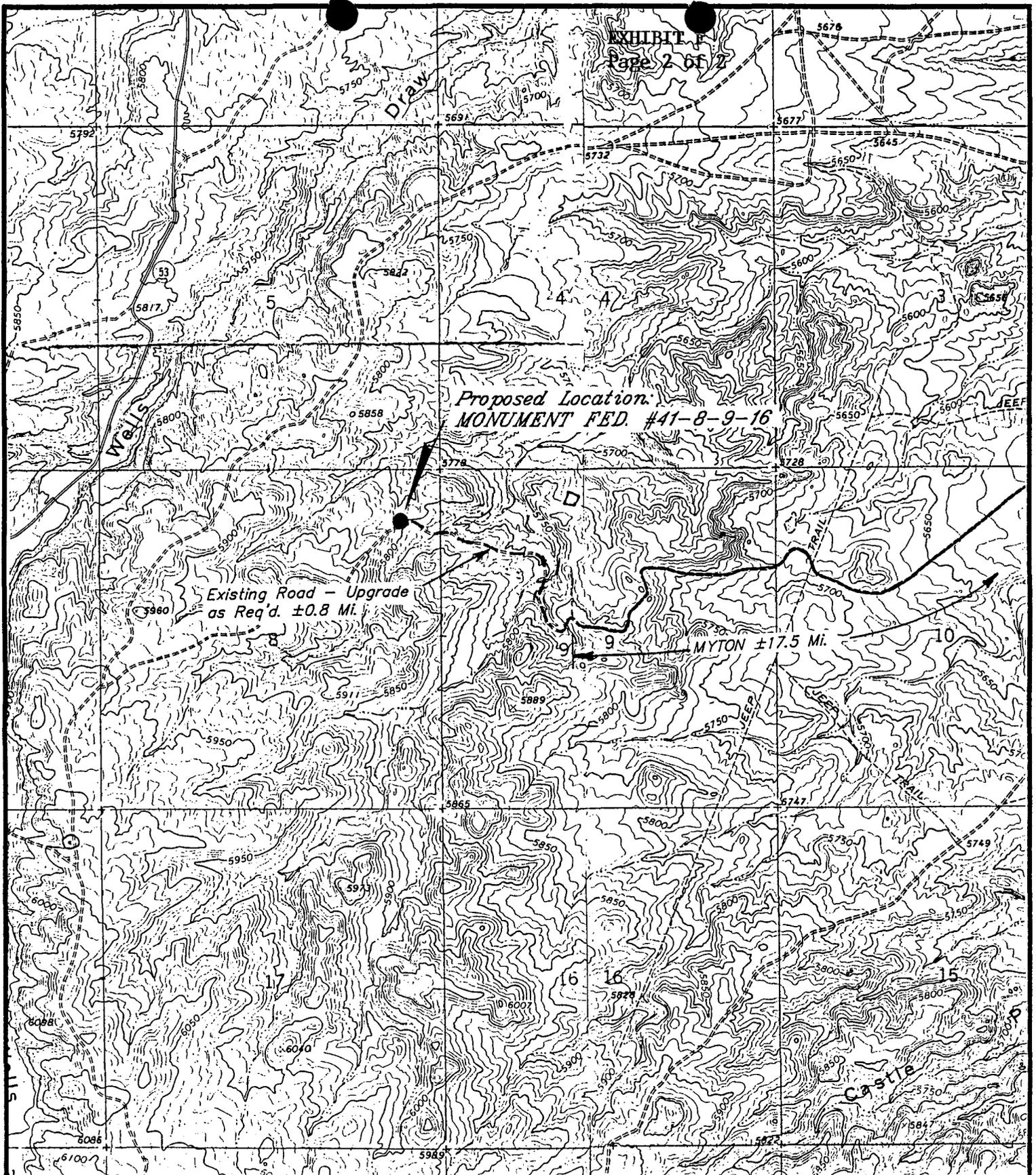
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- 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.***

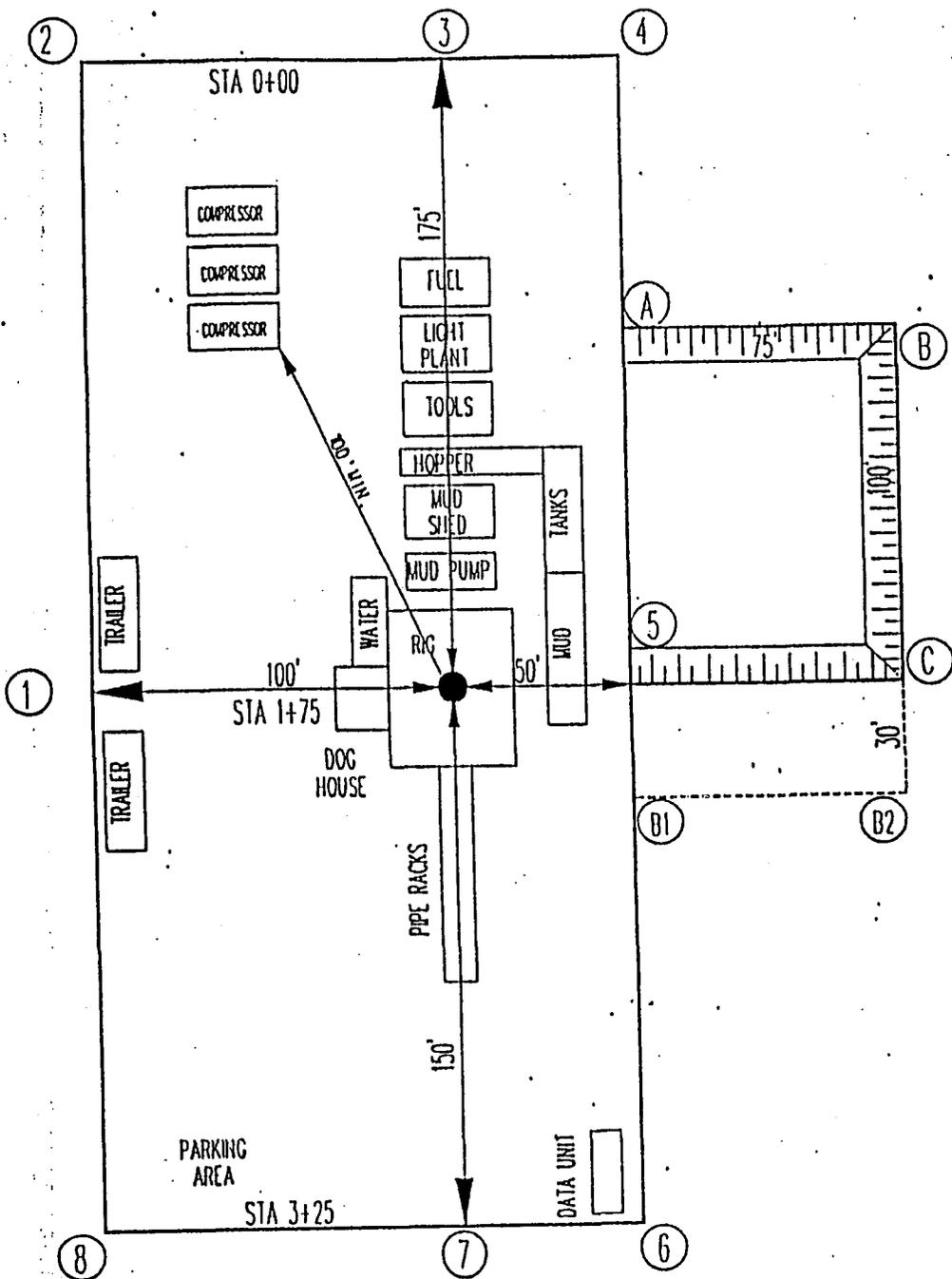
MONUMENT FED. #41-8-9-16  
SEC. 8, T9S, R16E, S.L.B.&M.  
TOPO "B"



SCALE: 1" = 2000'

38 WEST 100 NORTH VERNAL, UTAH 84078

# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



**TRI-STATE**  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERMIL, UTAH 84078  
801-781-2501

BIT "H"

Hex Kelly -

UNION DRILLING RIG #17

Rotating Head

Adj. Choke

Air Bowl

7" Flowline

#3000  
Blind Ram. Pipe Ram

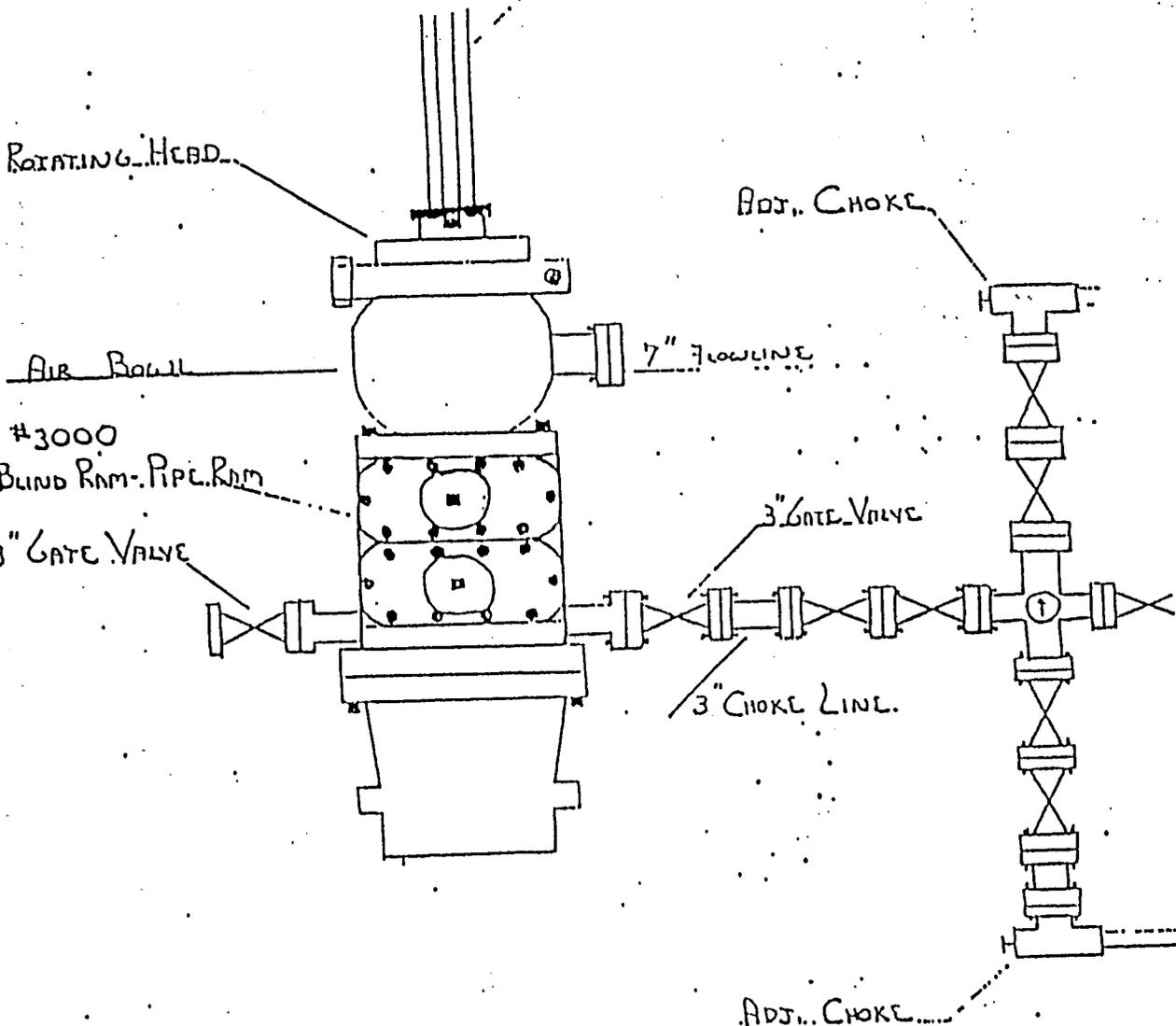
3" Gate Valve

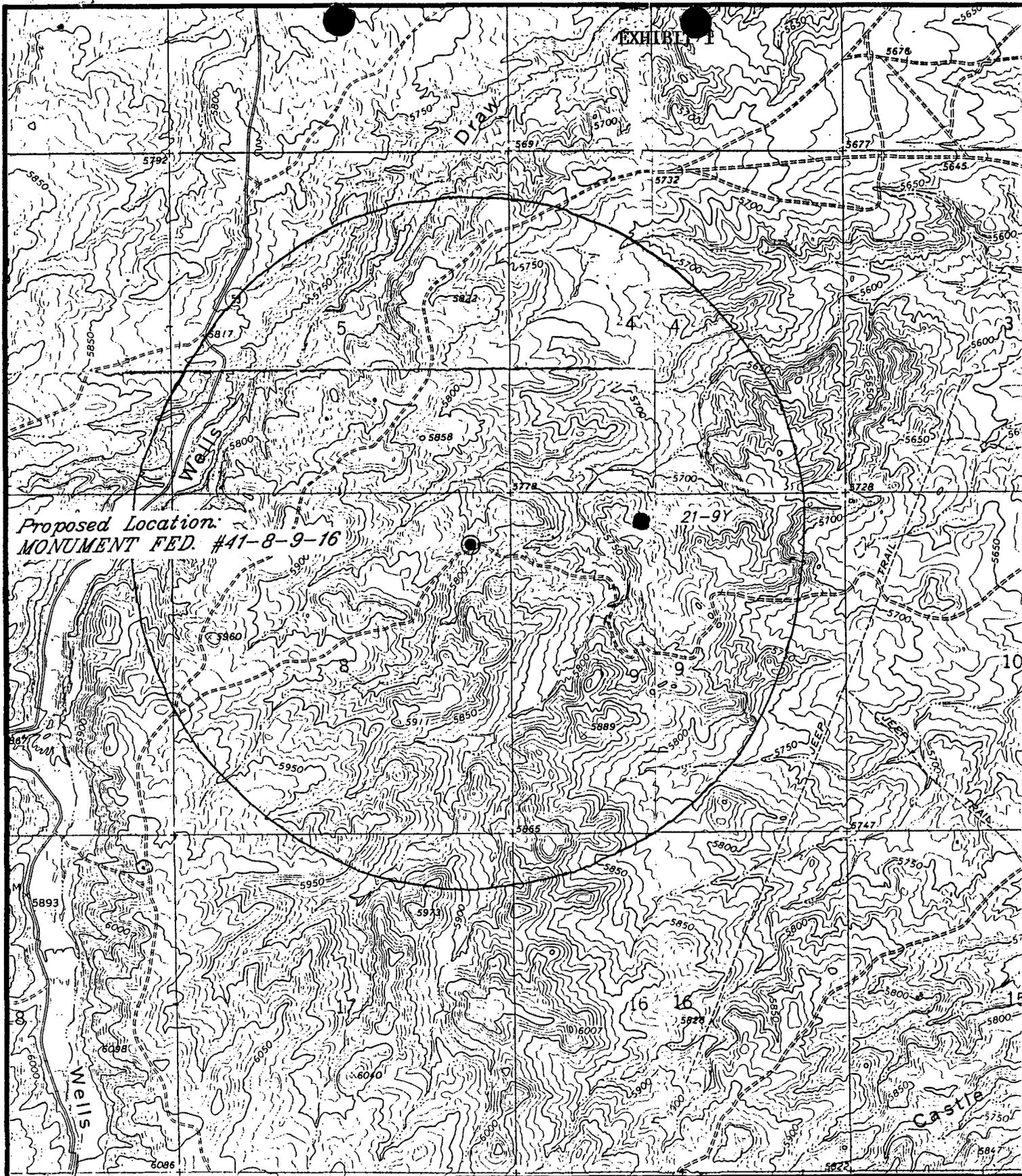
3" Gate Valve

3" Choke Line

Adj. Choke

#3000 Stack





*Proposed Location:*  
**MONUMENT FED. #41-8-9-16**

***EQUITABLE RESOURCES CO.***

**MONUMENT FED. #41-8-9-16**  
**SEC. 8, T9S, R16E, 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

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

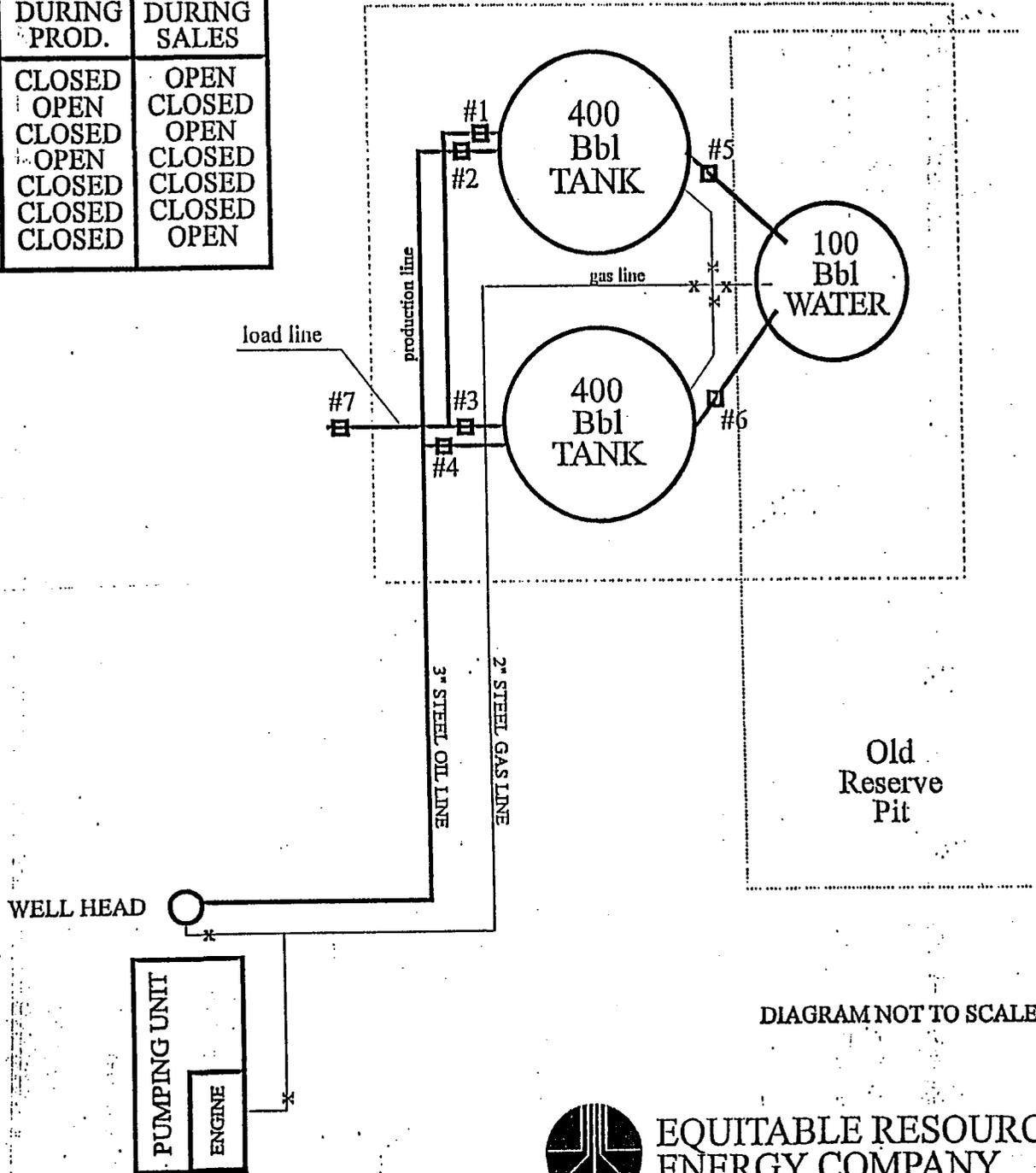


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
ENERGY COMPANY**

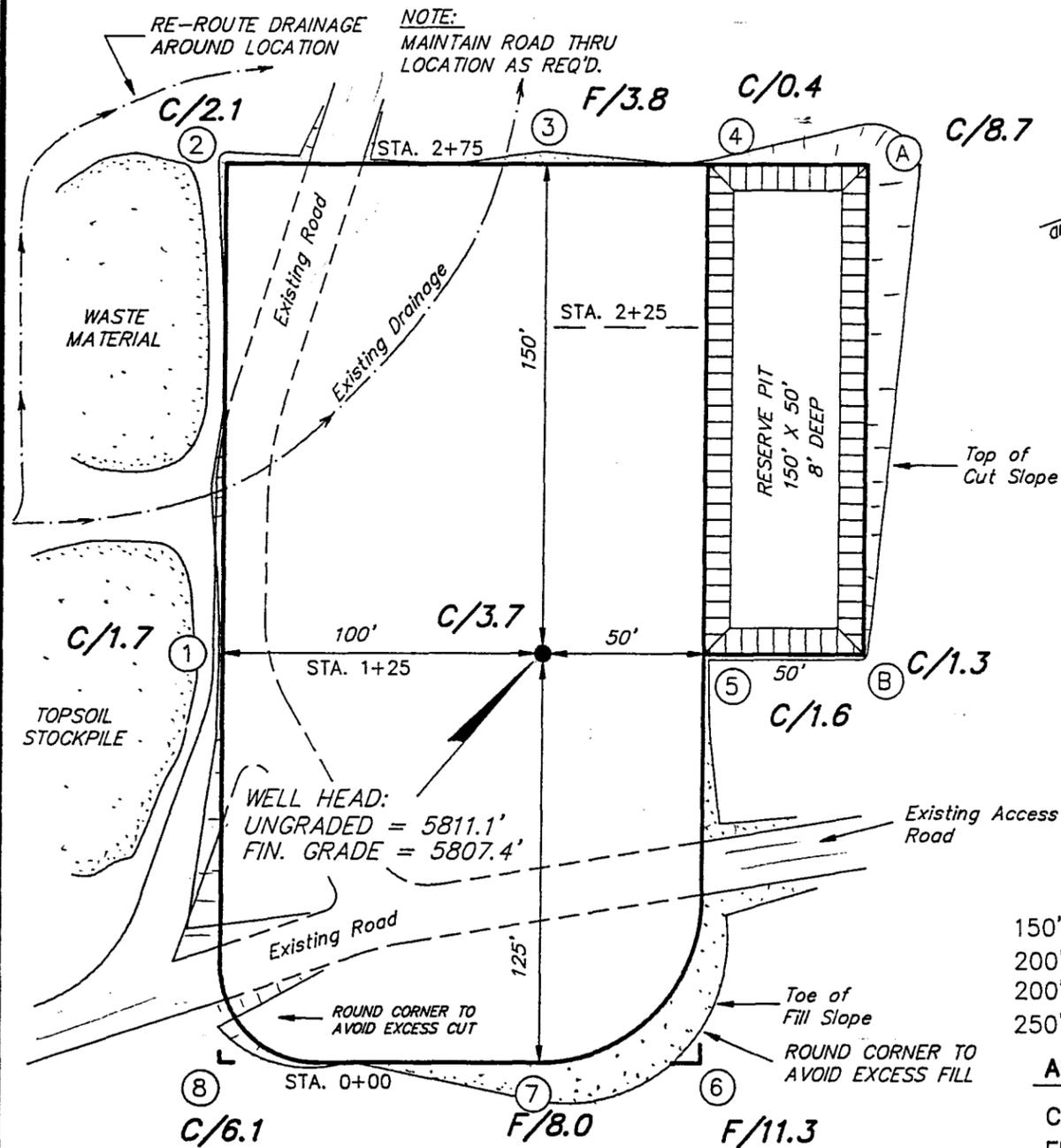
BALCRON OIL DIVISION

1601 Lewis Avenue  
Billings, MT 59104-2  
(406) 259-7860

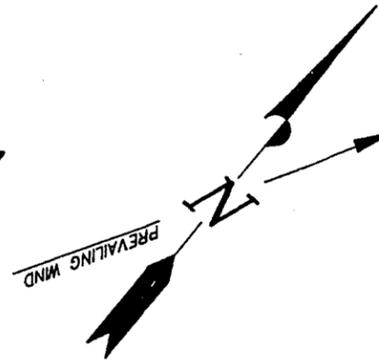
# EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #41-8-9-16  
SEC. 8, T9S, R16E, S.L.B.&M.

EXHIBIT L



NOTE:  
RE-ROUTE ROAD AROUND  
END OF LOCATION AS REQ'D.



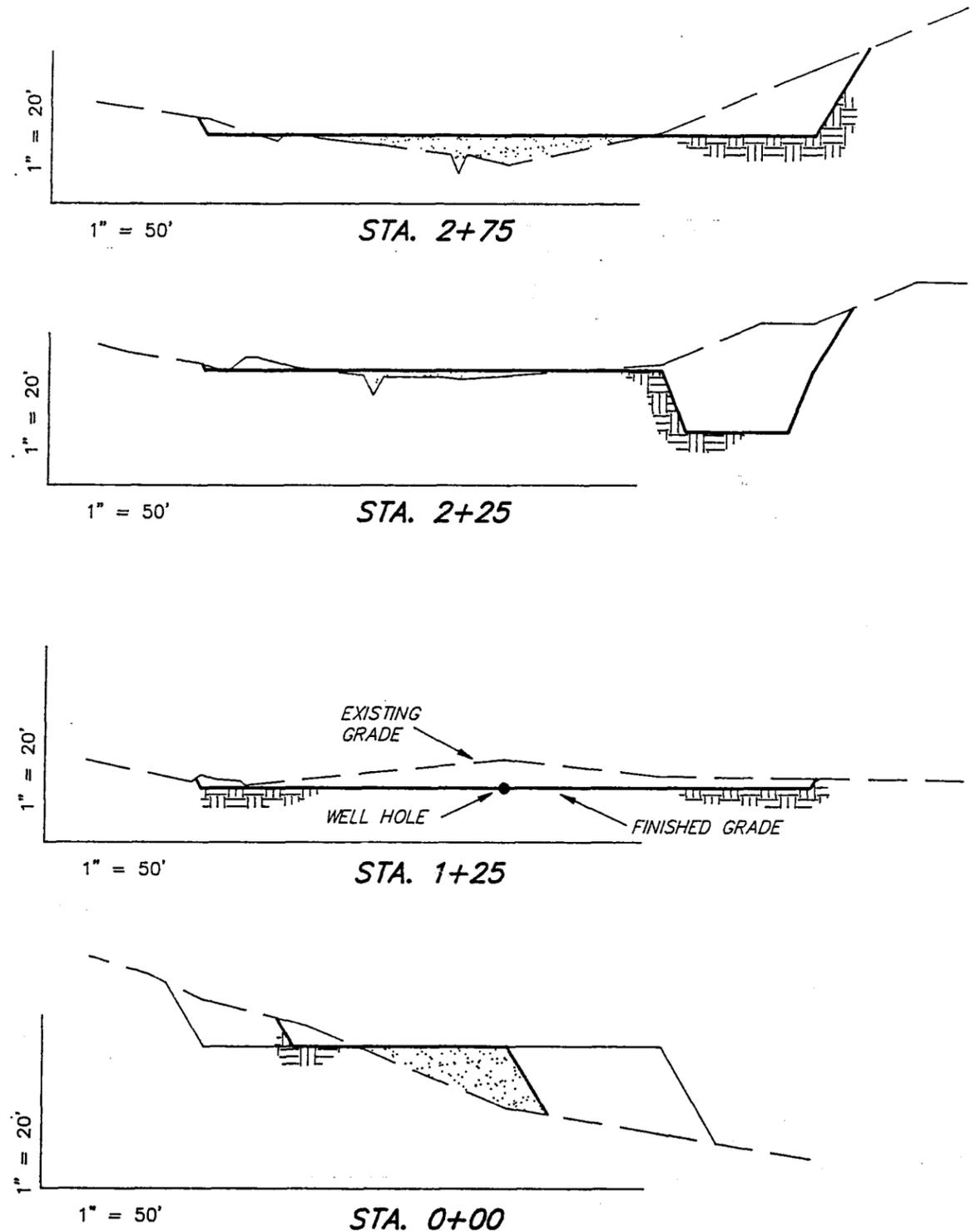
SCALE: 1" = 50'

### REFERENCE POINTS

- 150' WEST = 5812.1'
- 200' WEST = 5813.7'
- 200' NORTH = 5801.4'
- 250' NORTH = 5800.8'

### APPROXIMATE YARDAGES

- CUT = 2,030 Cu. Yds.
- FILL = 2,030 Cu. Yds.
- PIT = 1,770 Cu. Yds.
- 6" TOPSOIL = 910 Cu. Yds.



SURVEYED BY: S.S.
DRAWN BY: J.R.S.
DATE: 2-15-96
SCALE: 1" = 50'
FILE:


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

EQUITABLE RESOURCES CO.

BALCRON OIL

MONUMENT BUTTE FEDERAL #41-8-9-16

NE/NE SECTION 8, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

ALDEN H. HAMBLIN  
PALEONTOLOGIST  
235 EAST MAIN  
VERNAL, UTAH 84078

FEBRUARY 18, 1996

RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. BALCRON OIL MONUMENT BUTTE FEDERAL #41-8-9-16, NE/NE Section 8, T9S, R16E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography-

This well location is 10 miles south and 4 miles west of Myton, Utah, one mile east of Wells Draw. It sits in a saddle on the north side of an east sloping draw. No access road is needed as the wellpad sits at the junction of two existing roads. Lower Uinta Formation is exposed throughout the immediate area with a thin layer of slope wash here and there. The Uinta Formation here consists mostly thin bedded sandstone with some mudstone.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains and plant impressions.

Paleontological material found -

Some of the sandstones exposed near the center stake have a rusty stained appearance suggesting a potential for fossil plant impressions as in similar sites near here. However, nothing of significance was found during the survey.

No vertebrate fossils were found on this location.

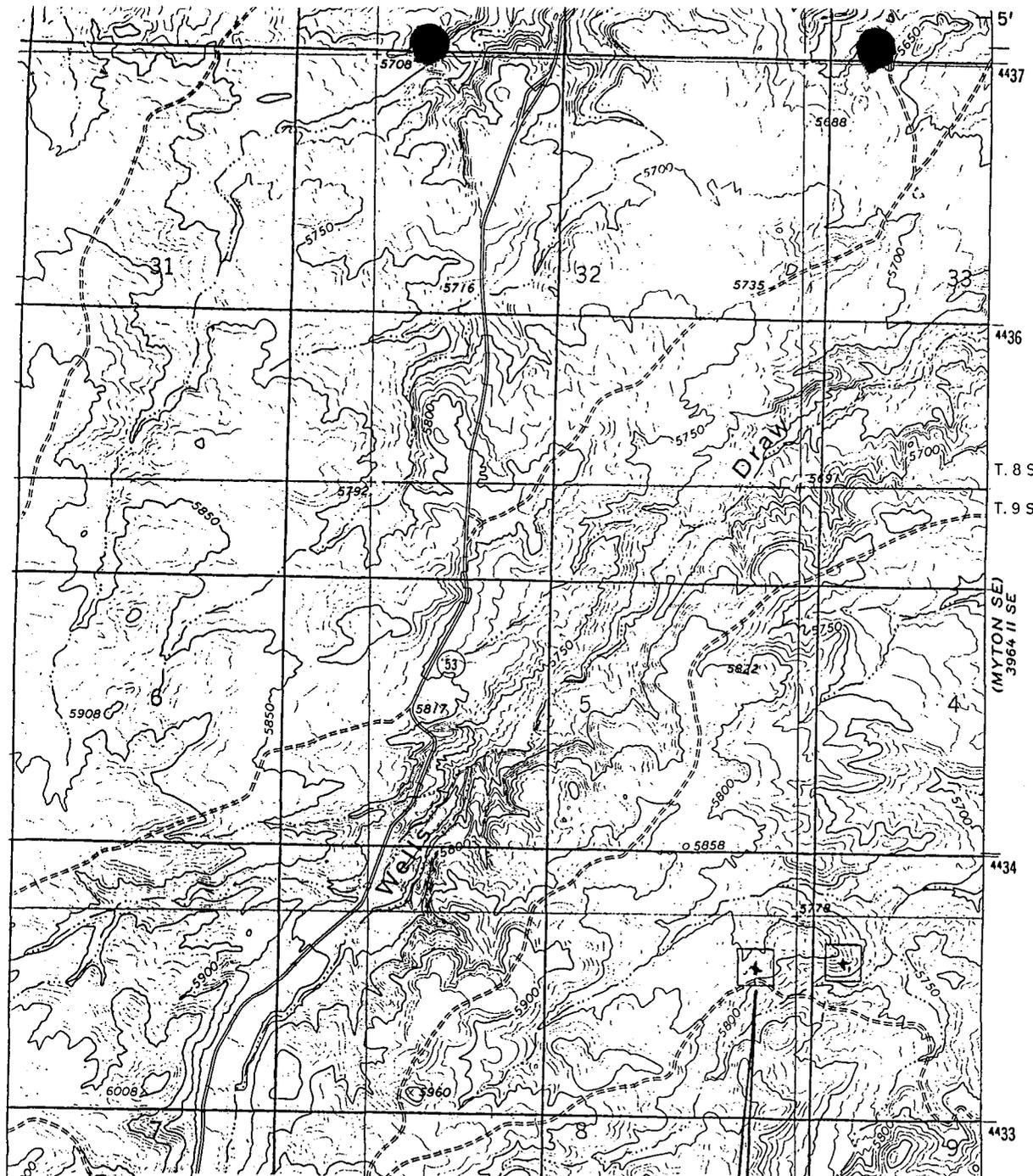
Recommendations-

There is always some potential for encountering significant fossils when working in the Uinta Formation. The survey indicates that the potential is not high for vertebrate fossils at this particular spot. Some potential exists for plant fossils, but they are not as critical as vertebrate fossils. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

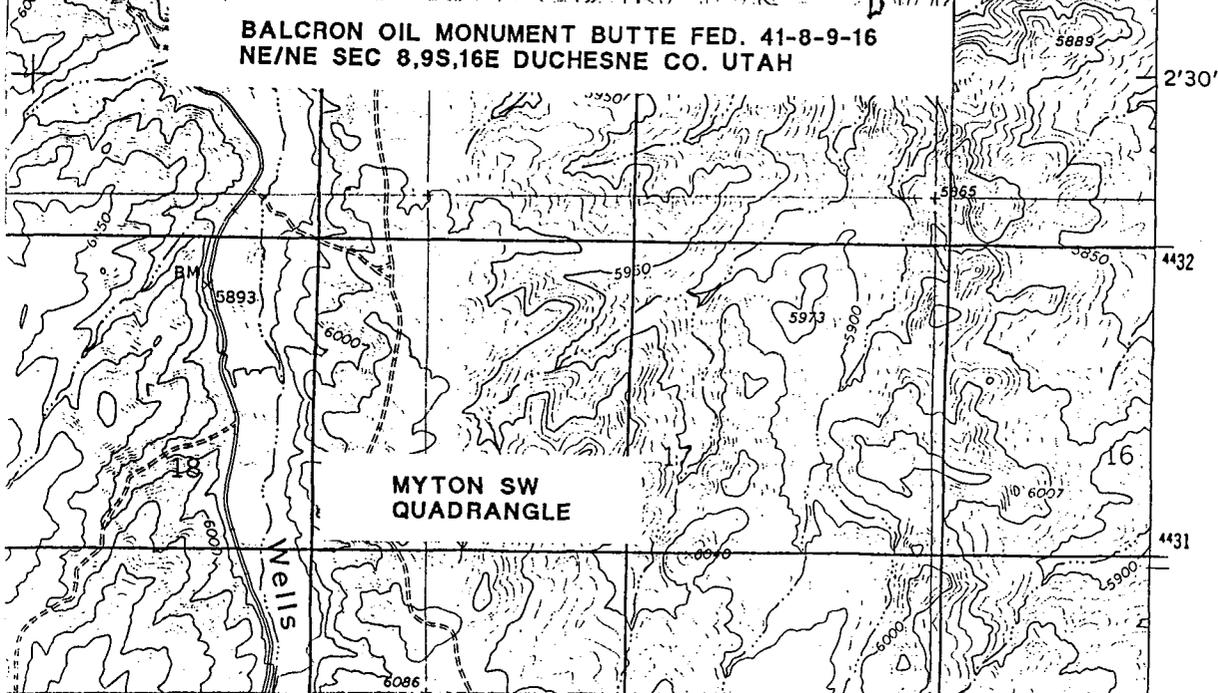
Alden A. Hamblin  
Paleontologist

Date February 18, 1996



BALCRON OIL MONUMENT BUTTE FED. 41-8-9-16  
NE/NE SEC 8,9S,16E DUCHESNE CO. UTAH

MYTON SW  
QUADRANGLE



WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/23/96

API NO. ASSIGNED: 43-013-31619

WELL NAME: MONUMENT FEDERAL 41-8-9-16  
 OPERATOR: EQUITABLE RESURCES (N9890)

PROPOSED LOCATION:  
 NENE 08 - T09S - R16E  
 SURFACE: 0805-FNL-0605-FEL  
 BOTTOM: 0805-FNL-0605-FEL  
 DUCHESNE COUNTY  
 CASTLE PEAK FIELD (075)

LEASE TYPE: FED  
 LEASE NUMBER: U - 20255

PROPOSED PRODUCING FORMATION: GRRV

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

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (Number 5547168)

Potash (Y/N)

Oil shale (Y/N)

Water permit  
 (Number DALE ANDERSON)

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

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_

R649-3-2. General.

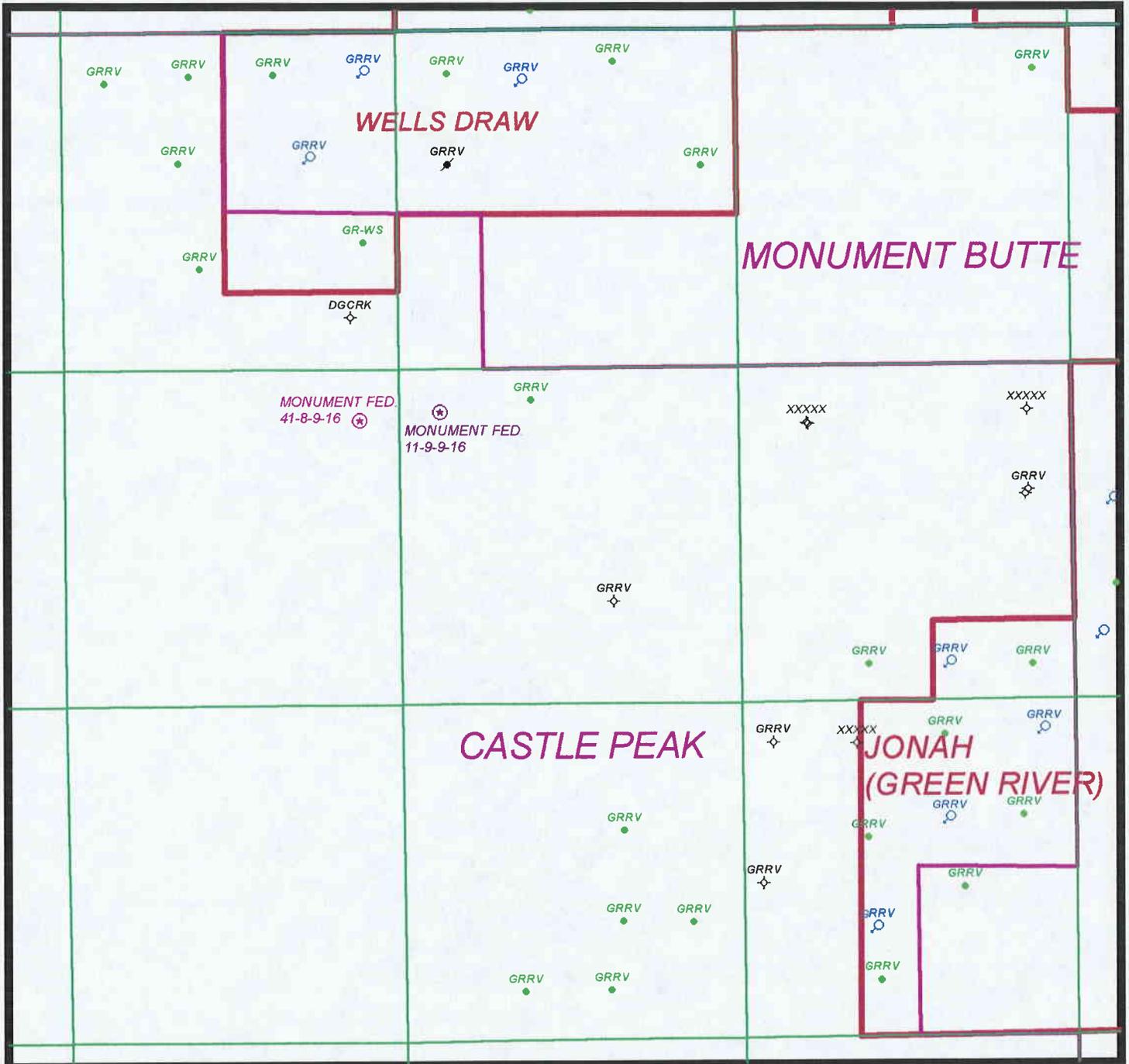
\_\_\_ R649-3-3. Exception.

\_\_\_ Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# EQUITABLE RESOURCES DEVELOPMENT DRILLING SEC. 8 & 9, T9S, R16E, DUCHESNE, COUNTY R649-3-2



**STATE SPACING  
UAC R649-3-2**

**PREPARED:  
DATE: 26-FEB-96**

**RECEIVED**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR  
 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 NE NE Section 8, T9S, R16E                      805.5' FNL & 605.3' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 From Myton, Utah, approximately 18 miles Northeast.

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5811.1'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program/Casing Design for details.				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached. As operator, we hereby request that the status of this well be held tight in accordance with Federal and State regulations.

**SELF CERTIFICATION:** I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
 COPY: Utah Division of Oil, Gas, & Mining

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

24. SIGNED Molly Connad TITLE Operations Secretary DATE 2-22-96

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
Thomas R. Coyle ASSISTANT DISTRICT MANAGER MINERALS DATE MAR 14 1996  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

**NOTICE OF APPROVAL**

\*See Instructions On Reverse Side

Div 064M  
 UT080-6M70

43-013-31619

FEB 24 1996

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 41-8-9-16

API Number: 43-013-31619

Lease Number: U-020255

Location: NENE Sec. 8 T. 9S R. 16E

**NOTIFICATION REQUIREMENTS**

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders**. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water zone identified at  $\pm 1336$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 1136$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

APD approval is valid until midnight March 31, 1996. At this time lease U-020255 will expire unless the well is completed and capable of production.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170  
Petroleum Engineer

Ed Forsman (801) 789-7077  
Petroleum Engineer

Jerry Kenczka (801) 789-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PROGRAM**  
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

PLANS FOR RECLAMATION OF LOCATION

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas contact the authorized office to obtain a seed mixture to revegetate the areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

OTHER INFORMATION

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

To mitigate the expected increase in erosion and sediment yields due to the development of this location the operator is required to construct an erosion control structure to the standards required by the Vernal Field Office. The structure will be located about 300 feet Northwest of the proposed location and is flagged. Minimum standards for dams impounding under 10 acre feet are attached.

**MOUNTAIN PLOVERS & BURROWING OWLS**

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

MINIMUM STANDARDS FOR DAMS  
IMPOUNDING UNDER 10 AC. FT.

I. Site Location and Design

- A. Authorized BLM personnel must approve site location, fill material, foundation material, spillway size and location.
- B. Dam layout and location shall be with surveying instruments by qualified personnel.

II. Borrow Areas

- A. Borrow material shall be taken from within the reservoir basin below the high water line whenever possible.
- B. Vegetation, debris, and topsoil shall be removed to a depth of 12" below natural ground line and deposited as directed.
- C. Vegetation, debris, and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line as directed.
- D. Vegetation, debris and topsoil moved below the dam shall be contoured, smoothed and blended into natural ground lines away from fill areas and outside the wash bottom.
- E. Borrow areas shall be smoothed, contoured and blended into natural ground lines.

III. Core Trench and Dam Foundation

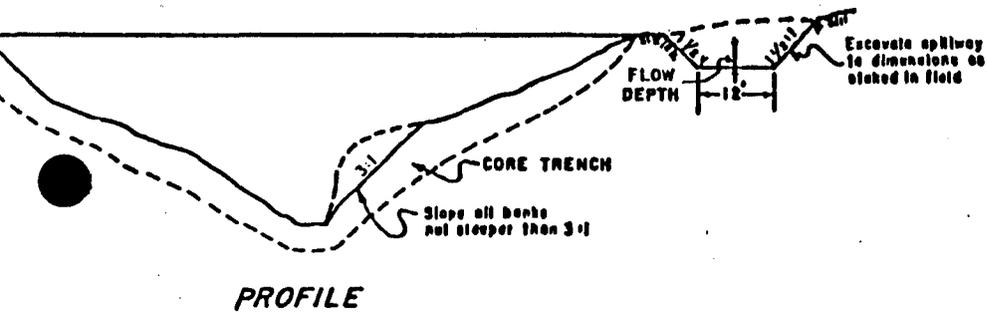
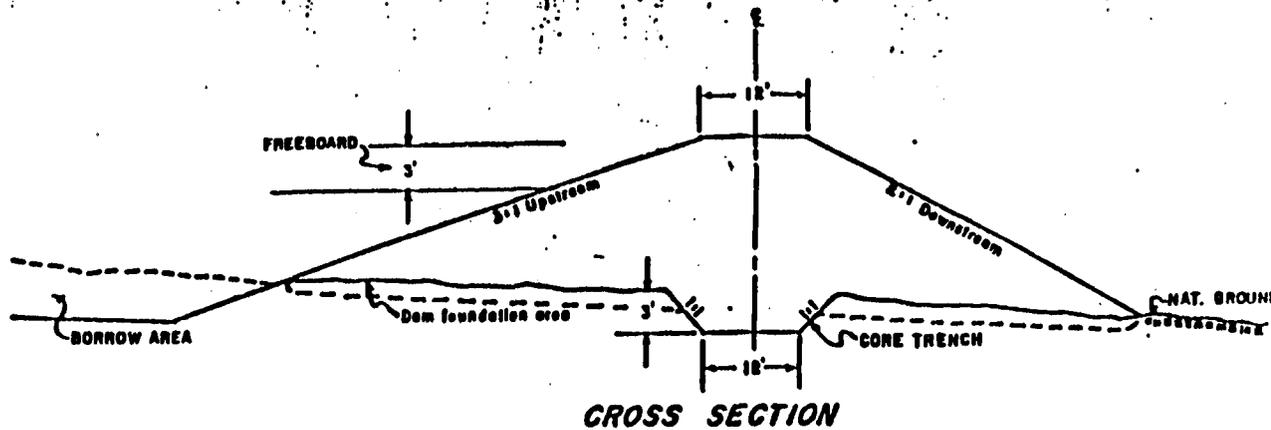
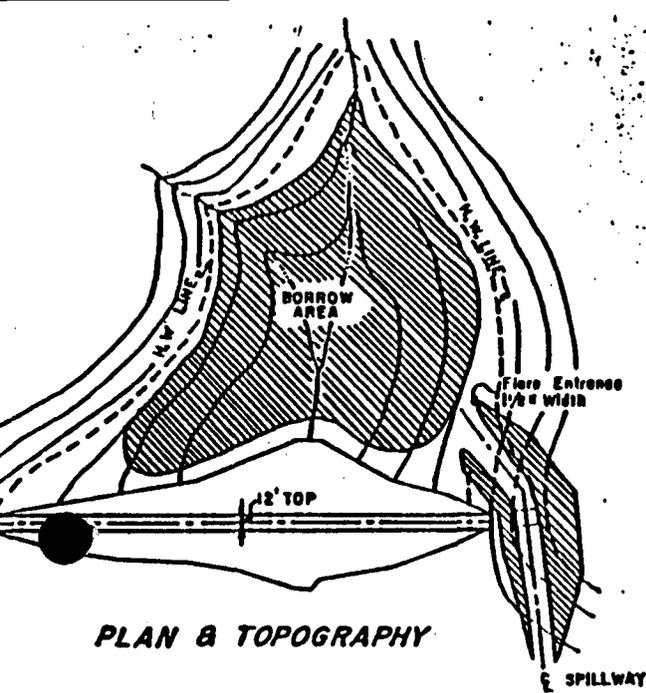
- A. A core trench shall be constructed 12' wide along the full length of the dam center line to a minimum depth of 3' or bedrock.
- B. Sides of the core trench shall not be steeper than 1:1 slopes.
- C. Soft or unstable material encountered in the core trench or dam foundation shall be removed and will not be used as fill.

IV. Dam and Core Fill

- A. Fill shall be homogeneous material, preferably of highly impervious, compactable soils (such as high clay content soils free of organic material, sand or rock).
- B. Lifts of fill shall not exceed 6" when compacted.
- C. Fill shall be built up at a consistent rate the full length of the dam.
- D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
- E. Fill shall be smoothed, maintaining specified slopes.

V. Spillway

- A. Spillway shall be constructed through natural material.
- B. Spillway shall be constructed to divert overflow away from fill areas or natural material that is an integral part of the dam.
- C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.



**MINIMUM STANDARDS FOR DAMS  
IMPOUNDING UNDER 10 AC. FT.**

1. BLM PERSONNEL MUST APPROVE SITE LOCATION, FILL MATERIAL, FOUNDATION MATERIAL, SPILLWAY SIZE AND LOCATION.
2. DAM LAYOUT & LOCATION MUST BE WITH SURVEYING INSTRUMENTS BY QUALIFIED SURVEYOR,
3. MAX. WATER DEPTH AGAINST THE DAM WILL BE 10' WHEN CONSTRUCTED WITH A CRAWLER TRACTOR.
4. SOIL WILL BE PLACED IN NOT MORE THAN 6" LIFTS AND EACH LIFT COMPACTED WITH A CRAWLER TRACTOR.
5. SPILLWAY MUST BE THROUGH NATURAL MATERIAL.
6. A CORE TRENCH WILL BE CONSTRUCTED 3' DEEP OR TO BED ROCK.
7. BORROW MATERIAL WILL BE TAKEN FROM WITHIN THE RESERVOIR BASIN BELOW THE HIGH WATER MARK WHENEVER POSSIBLE.

U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
<b>RETENTION DAM TYPICAL PLAN &amp; SECTION</b>	
DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____
CHECKED _____	APPROVED _____
SCALE NOT TO SCALE	
DATE _____	SHEET 1 OF 1
DRAWING NO. _____	

**ALWAYS THINK SAFETY** BPO 528-178



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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

March 14, 1996

Equitable Resources Energy  
1601 Lewis Avenue  
Billings, Montana 59102

Re: Monument Federal #41-8-9-16 Well, 806' FNL, 605' FEL, NE NE, Sec. 8,  
T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31619.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Fifth".

R. J. Fifth  
Associate Director

lwp

Enclosures

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

WAPD



Operator: Equitable Resources Energy

Well Name & Number: Monument Federal #41-8-9-16

API Number: 43-013-31619

Lease: U-020255

Location: NE NE Sec. 8 T. 9 S. R. 16 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)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

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.

**CONFIDENTIAL**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 41-8-9-16

Api No. 43-013-31619

Section 8 Township 9S Range 16E County DUCHESNE

Drilling Contractor APOLLO

Rig # 57

SPUDDED: Date 3/20/96

Time

How ROTARY

Drilling will commence

Reported by D. INGRAM-DOGM

Telephone #

Date: 3/20/96 Signed: JLT

OPERATOR Equitable Resources Energy Company  
Balcon Oil Division  
 ADDRESS 1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11891	43-013-31619	Monument Fed. #41-8-9-16	NE NE	8	9S	16E	Duchesne	3-17-96	3-17-96
WELL 1 COMMENTS: Spud of a new well. Entity added 3-25-96. Lee											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.  
 (3/89)

Molly Conrad  
 Signature  
 Operations Secretary  
 Title  
 3-19-96  
 Date  
 Phone No. ( )

CONFIDENTIAL  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAR 22 1996

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-020255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Federal #41-8-9-16

9. API Well No.

43-013-31619

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other Drilling oil well

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

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

NE NE Section 8, T9S. R16E  
806' FNL, 605' FEL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other change in drilling rig
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)\*

This is to notify of a change in drilling rig from that shown in the APD. A copy of the rig layout and BOPE is attached. Verbal notification was given to the BLM.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining

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

Signed

Robbie Schuman  
Robbie Schuman

Title

Regulatory and  
Environmental Specialist

Date March 19, 1996

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

Date

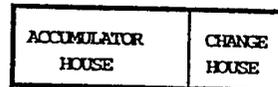
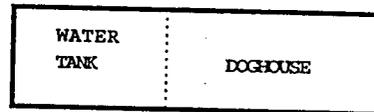
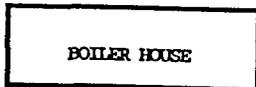
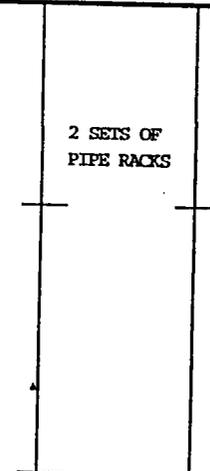
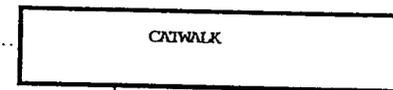
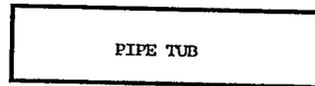
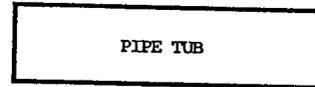
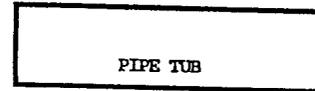
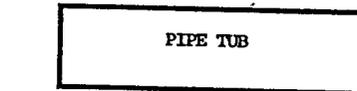
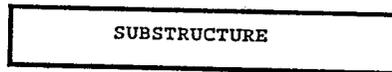
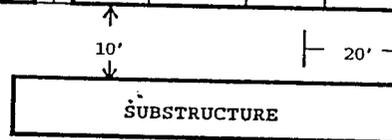
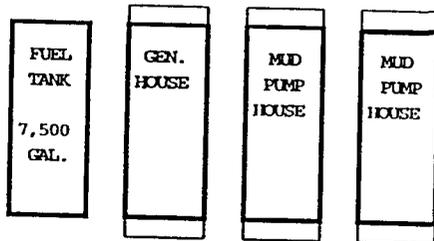
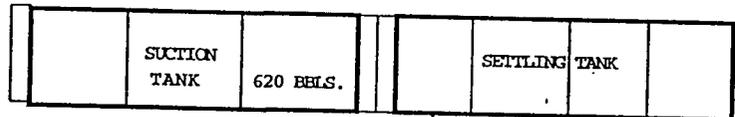
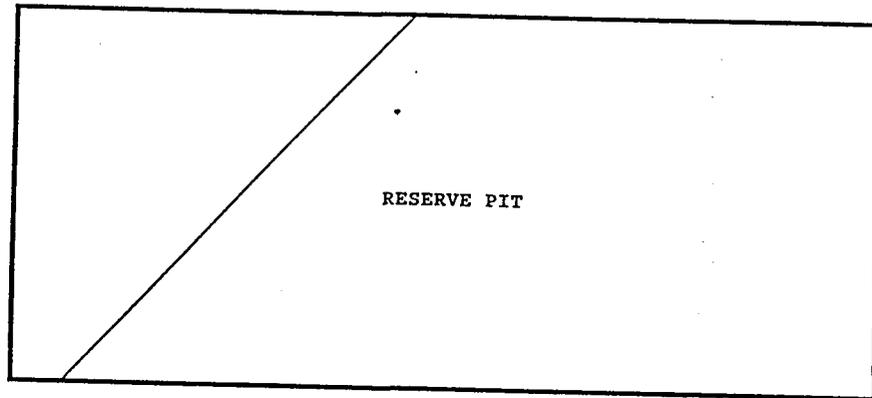
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

# Kenting Apollo Drilling, Inc.

A TRIMAC COMPANY

RIG #57

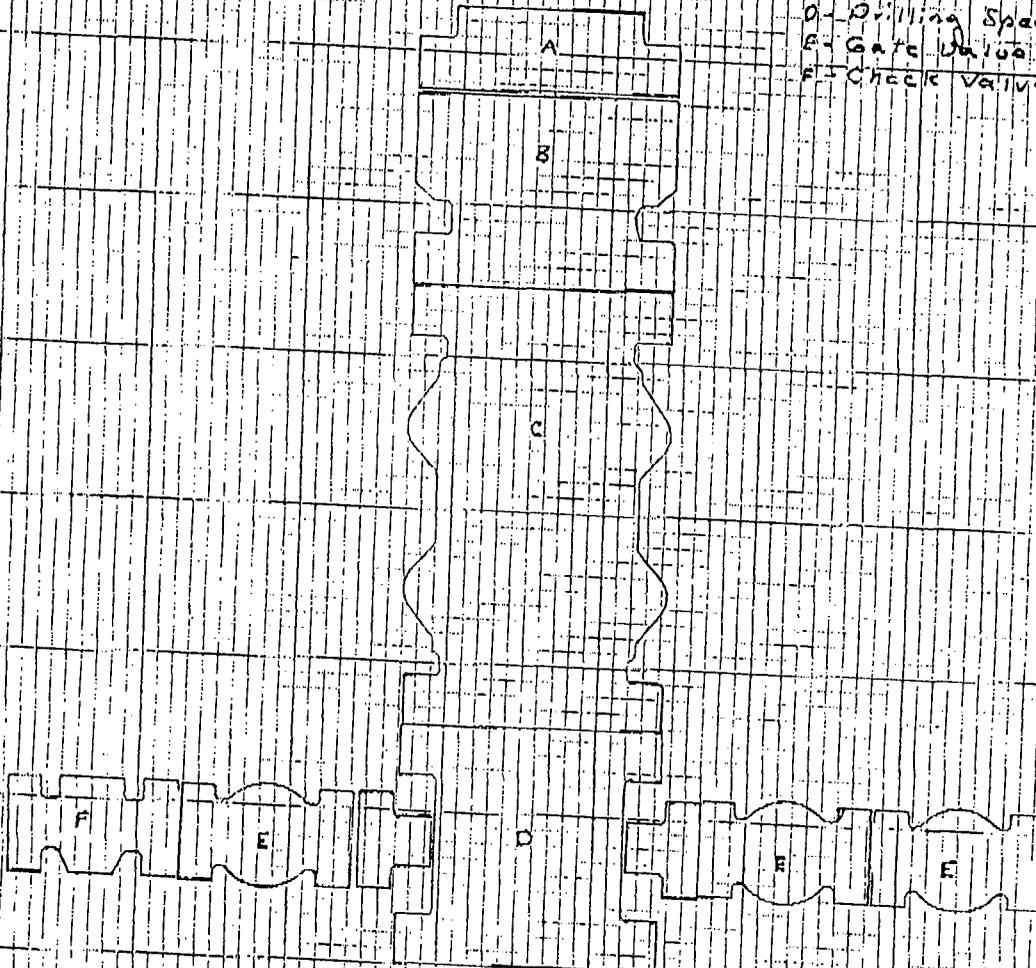


HOLE CENTER TO PIT - 33'  
 HOLE CENTER TO BACK OF LOCATION - 130'  
 HOLE CENTER TO FRONT OF LOCATION - 180'  
 HOLE CENTER TO D.H. SIDE OF PIT - 100'

K.A. Rig 57  
everything 3000 #

Post-it® Fax Note	7671	Date	3-5-96	# of pages	1
To	Dave Mc Caskey		From	Mel Curtis	
Co./Dept.	Balcron		Co.	K.A. Drilling	
Phone #		Phone #	307-234-4234		
Fax #	406-245-1361		Fax #	307-234-2226	

- A - Adapter Companion Flange
- B - Annular Preventer
- C - Double Gate B.O.P.
- D - Drilling Spacer Spool
- E - Gate Valve
- F - Check Valve

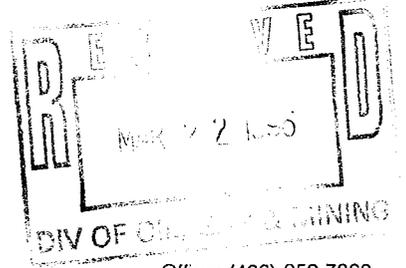




**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102



Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

March 19, 1996

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

Gentlemen:

RE: Monument Federal #41-8-9-16  
NE NE Section 8, T9S, R16E  
Duchesne County, Utah  
Undesignated Field  
API #43-013-31619

This letter is notice that the subject well was spud on 3-17-96 at 8:00 a.m.

Please feel free to contact me if you have any questions.

Sincerely,

Molly Conrad  
Operations Secretary

/mc

cc: Utah Division of Oil, Gas, & Mining: Also enclosed Form 6 Entity Action  
Form  
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX  
Bobbie Schuman

CONFIDENTIAL

APR 4 1996

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

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

NE NE Section 8, T9S, R16E  
805.5' FNL & 605.3' FEL

5. Lease Designation and Serial No.

U-020255

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Monument Fed. #41-8-9-16

9. API Well No.

43-013-31619

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other Date of First Production

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

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.)\*

Date of first production on this well was on March 29, 1996. First production was witnessed by Ed Forsman of the Vernal Bureau of Land Management.

Original: Bureau of Land Management, Vernal District Office  
Copy: Utah Division of Oil, Gas & Mining

*J + orig*

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

Signed Molly Conrad

Title Operations Secretary

Date 4-2-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

①

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
WORKOVER AND COMPLETION RECORD

OPERATOR: EQUITABLE RESOURCES CO COMPANY REP: DALE GRIFFIN  
WELL NAME: MON FED #41-8-9-16 API NO: 43-013-31619  
SECTION: 8 TWP: 09S RANGE: 16E COUNTY: DUCHESNE  
TYPE OF WELL: OIL: YES GAS: \_\_\_\_\_ WATER INJECTION: \_\_\_\_\_  
STATUS PRIOR TO WORKOVER: DRILL  
INSPECTOR: DENNIS L INGRAM TIME: 2:00 PM DATE: 4/10/96

---

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM: \_\_\_\_\_ PUMP CHANGE: \_\_\_\_\_ PARTED RODS: \_\_\_\_\_

CASING OR LINER REPAIR: \_\_\_\_\_ ACIDIZE: \_\_\_\_\_ COMPLETION: YES

TUBING CHANGE: \_\_\_\_\_ WELLBORE CLEANOUT: \_\_\_\_\_ WELL DEEPEMED: \_\_\_\_\_

ENHANCED RECOVERY: \_\_\_\_\_ THIEF ZONE: \_\_\_\_\_ CHANGE ZONE: \_\_\_\_\_

---

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED:

PIT: LINED Y UNLINED \_\_\_\_\_ FRAC TANK 3-400 BOPE: Y H2S PRESENT: N

OPERATIONS AT THE TIME OF INSPECTION: TRIP IN HOLE WITH TUBING

---

---

REMARKS:

(ORIGINAL COMPLETION) SHOT THREE DIFFERENT SETS OF PERFS AND

SWABBED SAME CLEAN. WILL RUN RODS AND BE READY TO SET

PRODUCTION EQUIPMENT SOON.

EQUITABLE RESOURCES

U-020255

MF # 41-8-9-16

5/13/96

SEC 8; T9S; R16E

POW 43-013-31619

DLL

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS



↑ SOUTH

Dirt Pile

OPEN RESERVE PIT

WELLHEAD

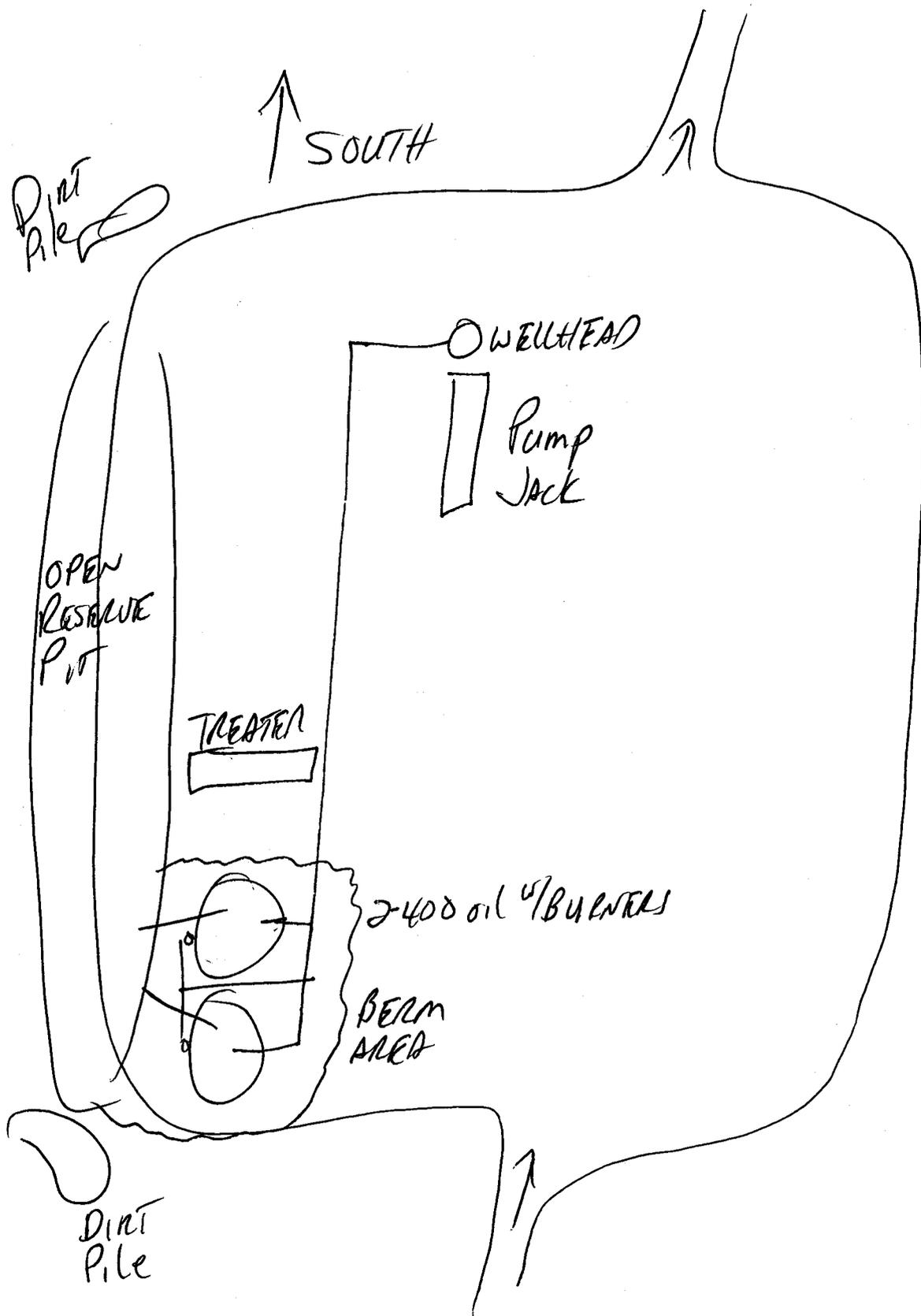
Pump Jack

TREATER

2400 oil w/ BURNERS

BERM AREA

Dirt Pile





**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

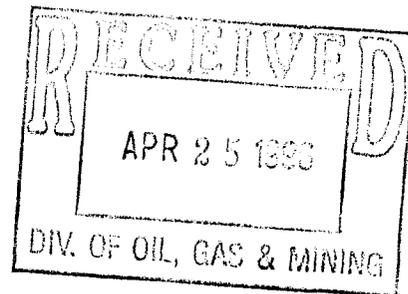
**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

April 23, 1996

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



Gentlemen:

RE: Monument Federal #41-8-9-16  
NE NE Section 8, T9S, R16E  
Duchesne County, Utah  
API #43-013-31619

This letter will serve as notice that first production on the subject well was on 4-19-96 at 1:15 p.m.

Please feel free to contact me if you need any additional information.

Sincerely,

*Molly Conrad*

Molly Conrad  
Operations Secretary

/mc

cc: State of Utah, Division of Oil, Gas, & Mining  
Bobbie Schuman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-020255

6. If Indian, Allottee or Tribe Name  
n/a

7. If Unit or CA, Agreement Designation  
n/a

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Equitable Resources Energy Company

3. Address and Telephone No.  
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
805.5' FNL & 605.3' FEL  
NE NE Section 8, T9S, R16E

8. Well Name and No.  
Monument Fed. #41-8-9-16

9. API Well No.  
43-013-31619

10. Field and Pool, or Exploratory Area  
Monument Butte/Green River

11. County or Parish, State  
Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Onshore Order #7</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.)\*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

Original: Bureau of Land Management (Vernal, Utah)  
Copy: State of Utah (Salt Lake City, Utah)

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

Signed Molly Comrad

Title Operations Secretary

Date 5-3-96

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

\*See Instruction on Reverse Side

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Monument Federal #41-8-9-16

API number: 43-013-31619

2. Well Location: QQ NE NE Section 8 Township 9S Range 16E County Duchesne

3. Well operator: Equitable Resources Energy Company

Address: 1601 Lewis Avenue

Billings MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: Please see original completion report.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

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

Date: 5-3-96

Name & Signature: Molly Conrad *Molly Conrad*

Title: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR  
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR  
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)  
At surface 805.5' FNL & 605.3' FEL NE NE Sec 8, T9S, R16E

At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-31619 DATE ISSUED 3-14-96  
12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 3-17-96 16. DATE T.D. REACHED 3-25-96 17. DATE COMPL. (Ready to prod.) 4-19-96  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5811.1' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5950' 21. PLUG, BACK T.D., MD & TVD 5876' 22. IF MULTIPLE COMPL., HOW MANY\* n/a  
23. INTERVALS DRILLED BY SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4816' - 5240' Green River

25. WAS DIRECTIONAL SURVEY MADE No  
26. TYPE ELECTRIC AND OTHER LOGS RUN Litho-Density/CNL DLL/GR CBL/GC/COLLARS 4-19-96  
27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	260'	12-1/4"	160 sxs Class "G" w/add	None
5-1/2"	15.5#	5919.18' KB	7-7/8"	300 sxs Class "G" w/additives 350 sxs 50/50 POZ w/additives	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5315.10' KB	n/a

31. PERFORATION RECORD (Interval, size and number)  
5229' - 5240' (4 SPF)  
4978' - 4983' (7 holes)  
4816' - 4821' (7 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
\*Please see attachment.

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-19-96		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-30-96	24	n/a	→	100	N.M.	15	N.M.
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	100	N.M.	15	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel  
TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS  
Section 32 - Acid, Shot, Fracture, Cement Squeeze ETC.

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

SIGNED Molly Conrad TITLE Operations Secretary DATE 5-3-96

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1602' 2302' 3994' 4629' 4780' 5016' 5155' 5410' 5662'	1602' 2302' 3994' 4629' 4780' 5016' 5155' 5410' 5662'

Attachment to Completion Report  
Monument Butte #41-8-9-16  
NE NE Section 8, T9S, R16E  
Duchesne County, Utah

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5229' - 5240'	Break down with 1000 gallons 15% HCL acid and 2192 gallons water. Flushed well with 1302 gallons 2% KCL water. Fracture with 26,280# 20/40 mesh sand and 42,600# 16/30 mesh sand with 19,698 gallons 2% KCL gelled water.
4978' - 4983'	Break down with 1764 gallons 2% KCL water.
4816' - 4821'	Break down with 1680 gallons 2% KCL water.
4816' - 4983'	Fracture with 60,100# 16/30 mesh sand with 18,942 gallons 2% KCL gelled water.

/mc

5-3-96



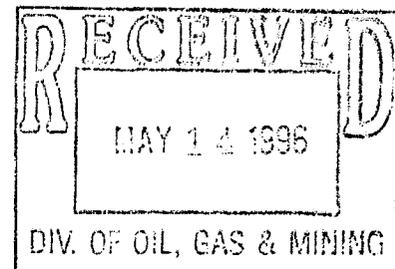
**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

May 10, 1996



Mr. Ed Forsman  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

---VIA Federal Express---

Dear Mr. Forsman:

RE: Corrected Completion Reports  
Monument Federal #41-8-9-16  
Monument Federal #11-9-9-16

Enclosed are the corrected completion reports for the subject wells. The date of first production was reported incorrectly on the original reports submitted.

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

Sincerely,

Molly Conrad  
Operations Secretary

/mc

Enclosures

cc: Bobbie Schuman  
Valeri Kaae  
Lou Ann Carlson  
State of Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

**CONFIDENTIAL**

2. NAME OF OPERATOR  
Equitable Resources Energy Company **\*\*CORRECTED REPORT\*\***

3. ADDRESS OF OPERATOR  
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface 805.5' FNL & 605.3 FEL  
 At top prod. interval reported below  
 At total depth

14. PERMIT NO. 43-013-31619 DATE ISSUED 3-14-96

5. LEASE DESIGNATION AND SERIAL NO. U-020255  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a  
 7. UNIT AGREEMENT NAME n/a  
 8. FARM OR LEASE NAME Monument Federal  
 9. WELL NO. #41-8-9-16  
 10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE NE Sec. 8, T9S, R16E

12. COUNTY OR PARISH Duchesne 13. STATE Utah  
 15. DATE SPUNDED 3-17-96 16. DATE T.D. REACHED 3-25-96 17. DATE COMPL. (Ready to prod.) 3-29-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5811.1' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5950' 21. PLUG, BACK T.D., MD & TVD 5876' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY SFC - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4816' - 5240' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Litho-Density CNL DLL/GR 27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	260'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5919.18' KB	7-7/8"	300 sxs Class "G" w/additives	None
				350 sxs 50/50 POZ w/additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5315.10' KB	n/a

31. PERFORATION RECORD (Interval, size and number)  
 5229' - 5240' (4 SPF)  
 4978' - 4983' (7 holes)  
 4816' - 4821' (7 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) \*\*\*Please see attachment.\*\*\*  
 AMOUNT AND KIND OF MATERIAL USED

**RECEIVED**  
MAY 14 1996  
DIV. OF OIL, GAS & MINING

33.\* PRODUCTION

DATE FIRST PRODUCTION 3-29-96 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-30-96	24	n/a		100	N.M.	15	N.M.

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		100	N.M.	15	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS  
Section 32 - Acid, Shot, Fracture, Cement Squeeze, ETC.

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

SIGNED Molly Conrad TITLE Operations Secretary DATE 5-10-96

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		TRUE VERT. DEPTH
				NAME	MEAS. DEPTH	
			NO DST's run.	Green River Horsebench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1602' 2302' 3994' 4629' 4780' 5016' 5155' 5410' 5662'	1602' 2302' 3994' 4629' 4780' 5016' 5155' 5410' 5662'

38.

Attachment to Completion Report  
Monument Butte #41-8-9-16  
NE NE Section 8, T9S, R16E  
Duchesne County, Utah

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5229' - 5240'	Break down with 1000 gallons 15% HCL acid and 2192 gallons water. Flushed well with 1302 gallons 2% KCL water. Fracture with 26,280# 20/40 mesh sand and 42,600# 16/30 mesh sand with 19,698 gallons 2% KCL gelled water.
4978' - 4983'	Break down with 1764 gallons 2% KCL water.
4816' - 4821'	Break down with 1680 gallons 2% KCL water.
4816' - 4983'	Fracture with 60,100# 16/30 mesh sand with 18,942 gallons 2% KCL gelled water.

/mc

5-3-96

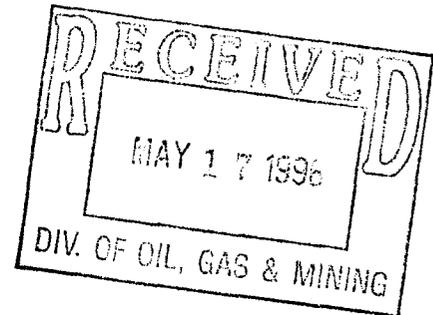
May 15, 1996

*Vick*  
Attention: Equitable Resources Energy Company, Balcron Oil Division  
State of Utah  
Bureau of Land Management  
B J Services

Enclosed are reprints of the logs for the Monument Federal #41-8-9-16 well logged on March 24, 1996. The latest set of logs from this well are incorrectly depth adjusted by 9 feet (deep). The enclosed set is the correct set and all previous log copies should be destroyed immediately. The KB, DF, and GL depths are corrected in the header information and the erroneous 9' depth adjustment has been taken out.

We apologize for any inconvenience this may have caused.

Sincerely,  
Brian Wylie, FE  
Schlumberger Well Services  
Vernal, Utah  
801-789-3394



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
 Equitable Resources Energy Company,

3. Address and Telephone No.  
 1601 Lewis Avenue, Billings, MT 59102    (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 NE NE Section 8, T9S, R16E  
 806' ENL & 605' FEL

5. Lease Designation and Serial No.  
 U-020255

6. If Indian, Allottee or Tribe Name  
 n/a

7. If Unit or CA, Agreement Designation  
 n/a

8. Well Name and No.  
 Monument Fed. #41-8-9-16

9. API Well No.  
 43-013-31619

10. Field and Pool, or Exploratory Area  
 Monument Butte/Green River

11. County or Parish, State  
 Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</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 is the Site Security Diagram for this well.

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

Signed Molly Comrad Title Operations Secretary Date 6-10-96

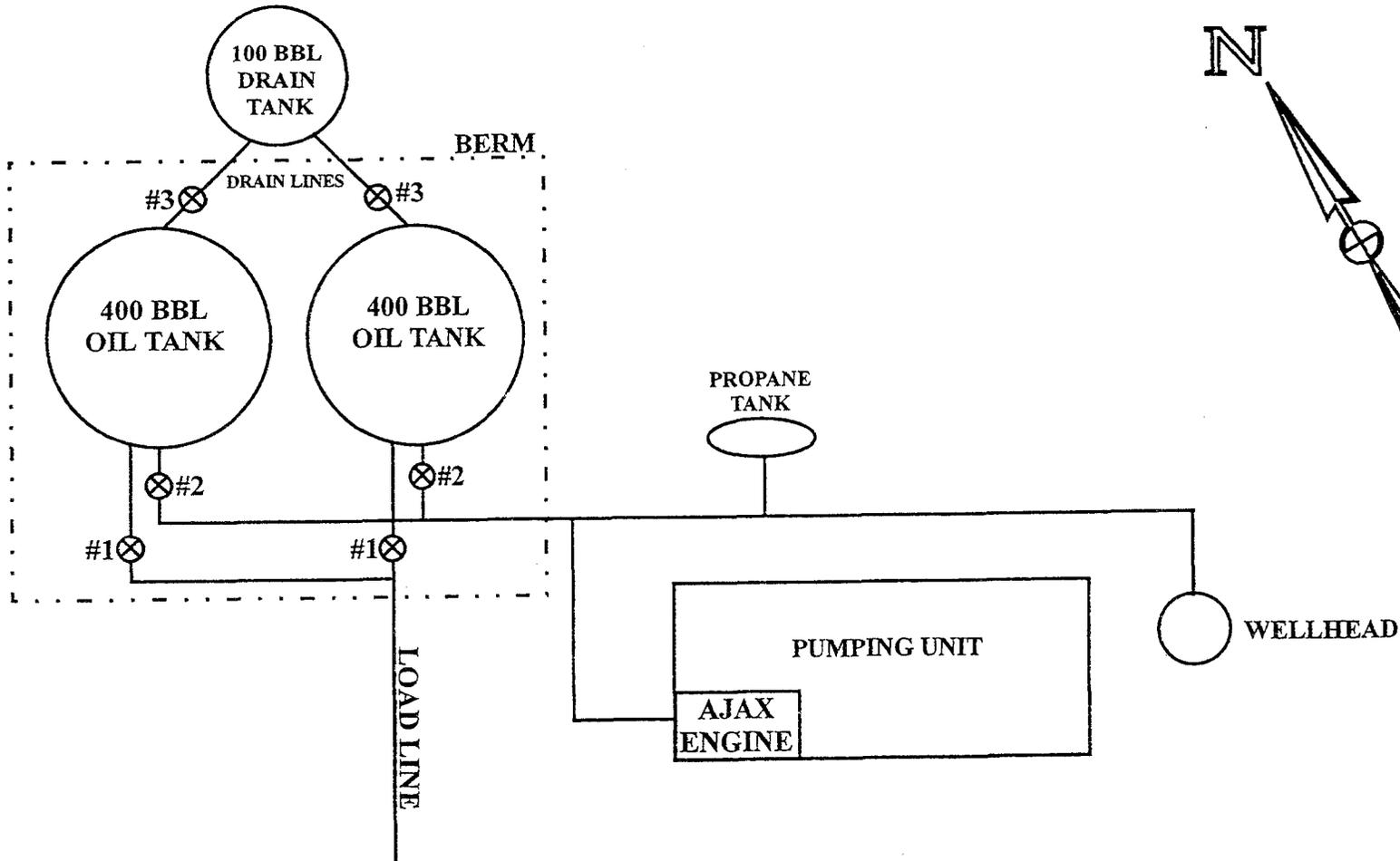
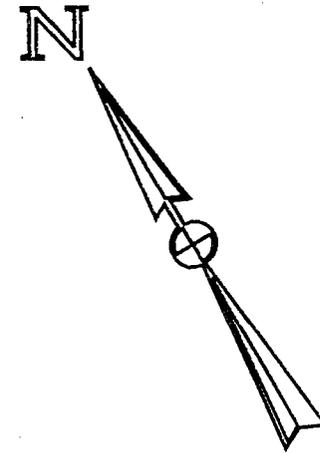
(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

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

EQUITABLE RESOURCES ENERGY COMPANY  
 MONUMENT FEDERAL #41-8-9-16  
 PRODUCTION FACILITY DIAGRAM

MONUMENT FEDERAL #41-8-9-16  
 NE NE SEC. 8, T9S, R16E  
 DUCHESNE COUNTY, UTAH  
 LEASE #U-020255



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	CLOSED



PLAN LOCATED AT:

**EQUITABLE RESOURCES ENERGY COMPANY**

WESTERN REGION

1601 Lewis Avenue  
 Billings, MT 59102  
 (406) 259-7860

JUNE 6, 1996

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.

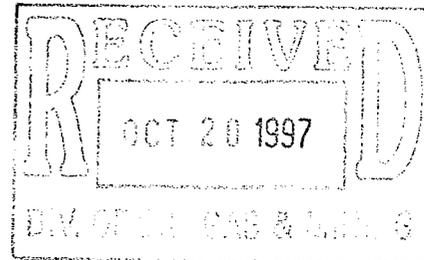
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

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)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08438

December 4, 1997

Inland Production Company  
475 17th Street, Suite 1500  
Denver, CO 80202

*43-013-31619*  
Re: Well No. Mon. Fed. 41-8-9-16  
NENE, Sec. 8, T9S, R16E  
Lease U-020255  
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company



**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.*

# OPERATOR CHANGE WORKSHEET

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

Routing	
1-LEC	6-LEC
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

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

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

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

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31619</u>	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

## 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. *(12-9-97)*
6. Cardex file has been updated for each well listed above. *(12-10-97)*
7. Well file labels have been updated for each well listed above. *(12-10-97)*
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. *(12-9-97)*
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**

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

**BOND VERIFICATION - (FEE WELLS ONLY)**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 5/21/97 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1-12-98.

**FILING**

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

**COMMENTS**

971209 BLM / Vernal Aprv 12-4-97.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-020255**

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

**MONUMENT FEDERAL 41-8-9-16**

9. API Well No.

**43-013-31619**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**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)

**0806 FNL 0605 FEL                      NE/NE Section 8, T09S R16E**

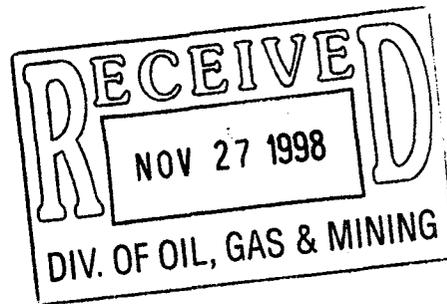
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

11/24/98

(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

Monument Federal 41-8

NE/NE Sec. 8, T9S, 16E

Duchesne County

Nov. 5, 1998

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

**Production Phase:**

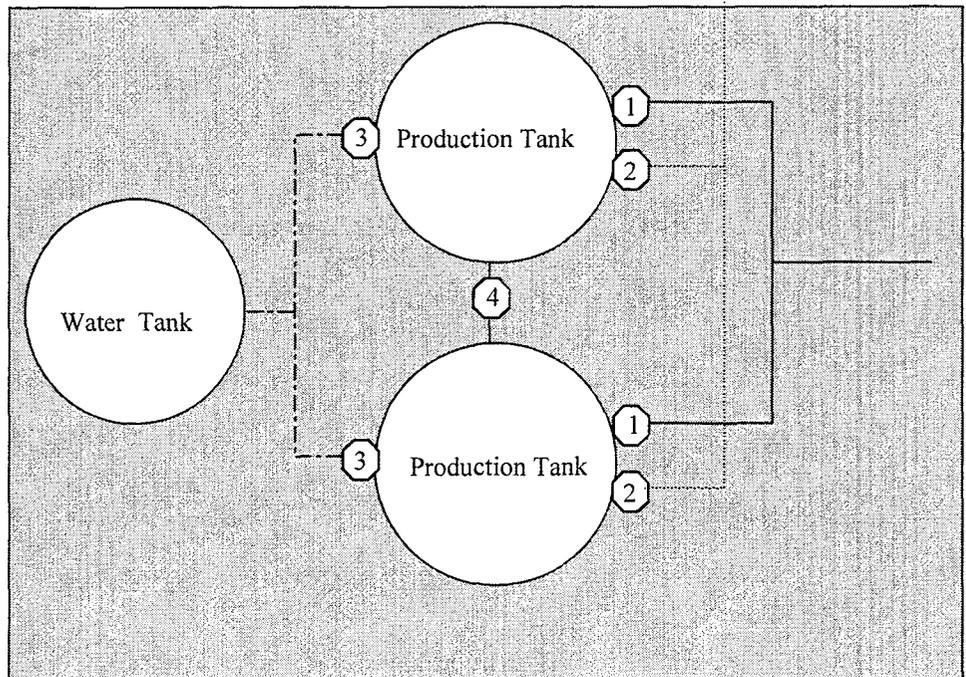
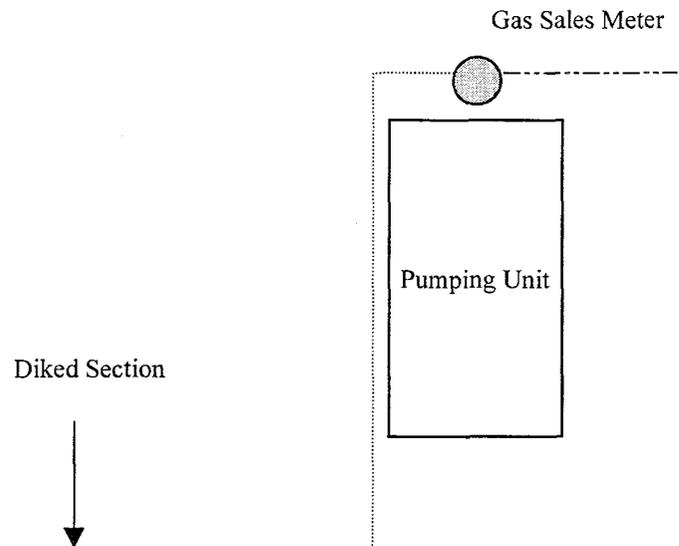
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

**Sales Phase:**

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

**Draining Phase:**

- 1) Valve 3 open



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

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 deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No. U-020255
6. If Indian, Allottee or Tribe Name NA
7. If unit or CA, Agreement Designation
8. Well Name and No. Monument Fed 41-8
9. API Well No. 43-013-31619
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [ ] Gas well [ ] Other
2. Name of Operator Inland Production Co.
3. Address and Telephone No. (303) 893-0102 410 Seventeenth Street, Suite 700 Denver, CO 80202
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NE 806' fnl, 605' fel Sec. 8, T9S, R16E

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: [X] Notice of Intent, [ ] Subsequent Report, [ ] Final Abandonment Notice
TYPE OF ACTION: [ ] Abandonment, [ ] Recompletion, [ ] Plugging Back, [ ] Casing repair, [ ] Altering Casing, [ ] Other, [ ] Change of Plans, [ ] New Construction, [ ] Non-Routine Fracturing, [ ] Water Shut-off, [X] Conversion to Injection, [ ] Dispose Water

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).

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct. Signed: [Signature] Title: Regulatory Specialist Date: 1/11/01

(This space of Federal or State office use.)

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_
Conditions of approval, if any: \_\_\_\_\_

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

\*See Instruction on Reverse Side



231.04

January 8, 2001

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

RE: Permit Application for Water Injection Well  
Monument Federal #41-8-9-16  
Monument Butte Field, South Wells Draw Unit, Lease #U-020255  
Section 8-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Monument Federal #41-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Bill Pennington", is written over a horizontal line.

Bill Pennington  
Chief Executive Officer



January 8, 2001

Mr. Edwin I. Forsman  
Bureau of Land Management  
Vernal District Office, Division of Minerals  
170 South 500 East  
Vernal, Utah 84078

RE: Permit Application for Water Injection Well  
Monument Federal #41-8-9-16  
Monument Butte Field, South Wells Draw Unit, Lease #U-020255  
Section 8-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

A handwritten signature in black ink that reads "Joyce D. McGough". The signature is written in a cursive style with a large initial "J".

Joyce McGough  
Regulatory Specialist

Enclosures

**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT FEDERAL #41-8-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**SOUTH WELLS DRAW UNIT**  
**LEASE #U-020255**  
**JANUARY 8, 2001**

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# Monument Federal #41-8-9-16

Spud Date: 3/20/96  
 Put on Production: 3/29/96  
 GL: 5811' KB: 5822'

Initial Production: 100 BOPD, 0 MCFD  
 15 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 JTS  
 DEPTH LANDED: 260'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

## PRODUCTION CASING

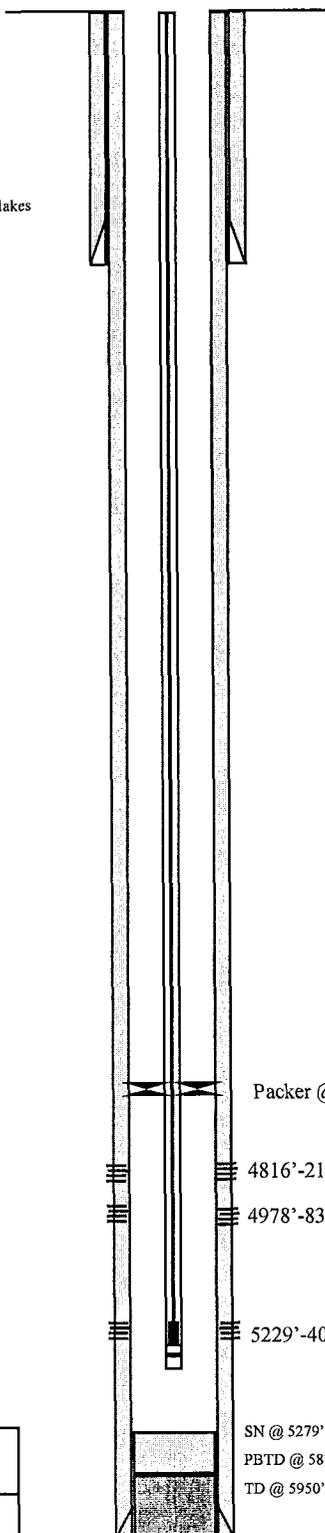
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts (5856.58')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50  
 SET AT: 5919.18' KB

*2335*

## TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 165  
 TUBING ANCHOR: 4767.47'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5315.10'  
 SN LANDED AT: 5279.22'

## Proposed Injection Wellbore Diagram



## FRAC JOB

4-1-96 5229'-5240' **Frac sand as follows:**  
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61,655# sand on formation.

4-4-96 4816'-4983' **Frac sand as follows:**  
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

## PERFORATION RECORD

3-27-96	5229'-5240'	4 JSPF	44 holes
4-3-96	4978'-4983'		7 holes
4-3-96	4816'-4821'		7 holes



**Inland Resources Inc.**

**Monument Federal #41-8-9-16**

806 FNL 605 FEL

NENE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-31619; Lease #U-020255

## WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

Inland Production Company  
410 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80202

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

See Attachment A

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

Approval is requested to convert the Monument Federal # 41-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

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

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

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

The injection zone is in the Green River Formation. In the Monument Federal #41-8-9-16 well, the proposed injection zone is from 4816'-5240''. The confining stratum directly above and below the injection zones is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4816'.

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

The referenced log for the Monument Federal #41-8-9-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #U-020255) in the Monument Butte (Green River) Field, South Wells Draw Unit, and this request is for administrative approval.

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

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

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

See Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 265' GL, and 5-1/2" 15.5# J-55 casing run from surface to 5919' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

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

See Attachment F, F-1, F-2, and F-3

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 4384 psig.

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

The minimum fracture gradient for the Monument Federal #41-8-9-16, for proposed zones (4816' - 5240') calculates at 1.27 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 4384 psig. See Attachment G through G-2.

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

In the Monument Federal #41-8-9-16, the injection zone (4816' - 5240') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-5.

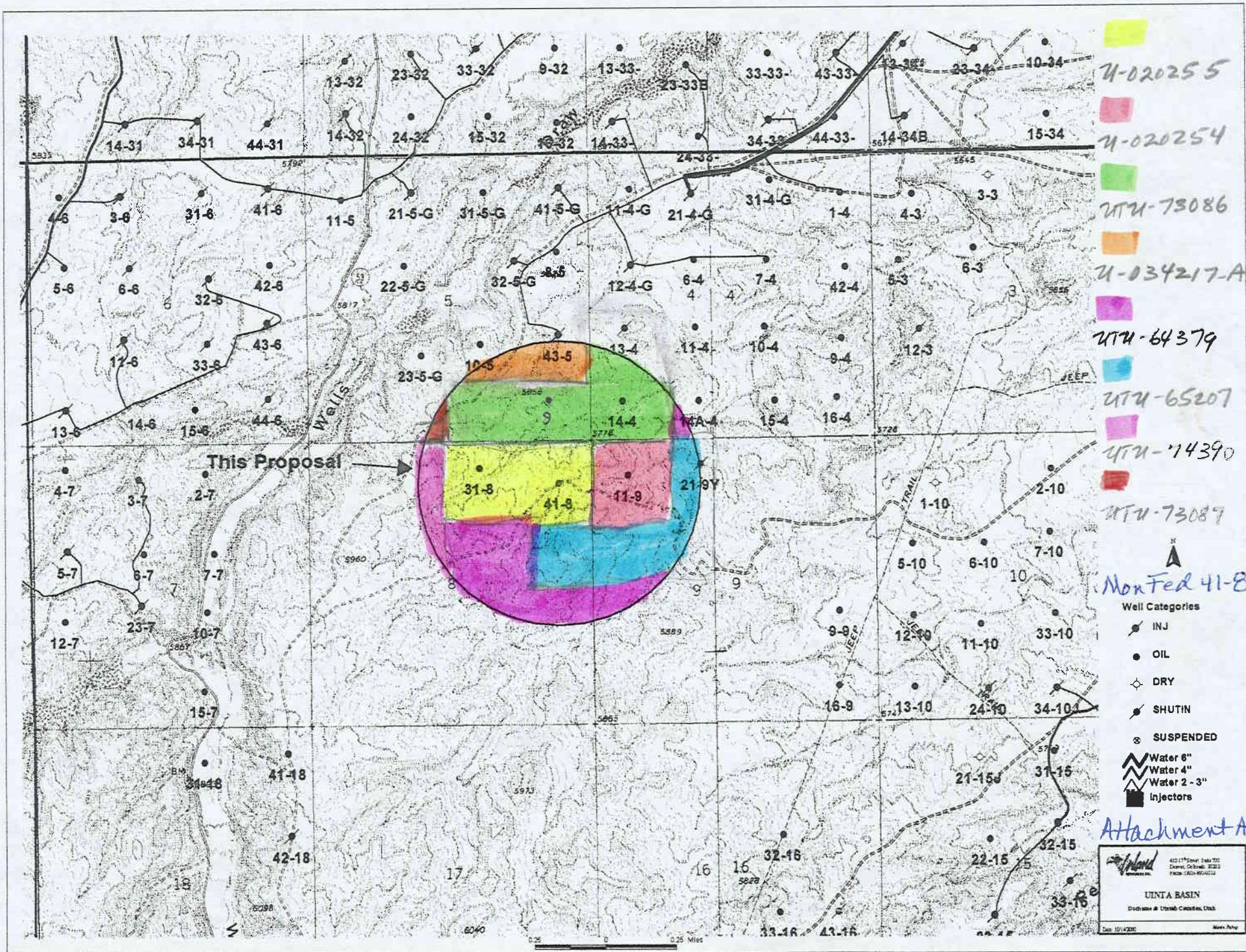
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

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

See Attachment C.

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

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



U-020255

U-020254

UTU-73086

U-034217-A

UTU-64379

UTU-65207

UTU-114390

UTU-73087

Mon/Fed 41-8

Well Categories

- INJ
- OIL
- DRY
- SHUTIN
- SUSPENDED
- Water 6"
- Water 4"
- Water 2-3"
- Injectors

Attachment A

**Utah**  
 4017 South Tower Road  
 Denver, Colorado 80202  
 Phone: (303) 954-0111

**UINTA BASIN**  
 Division of Oil and Gas Control, Utah

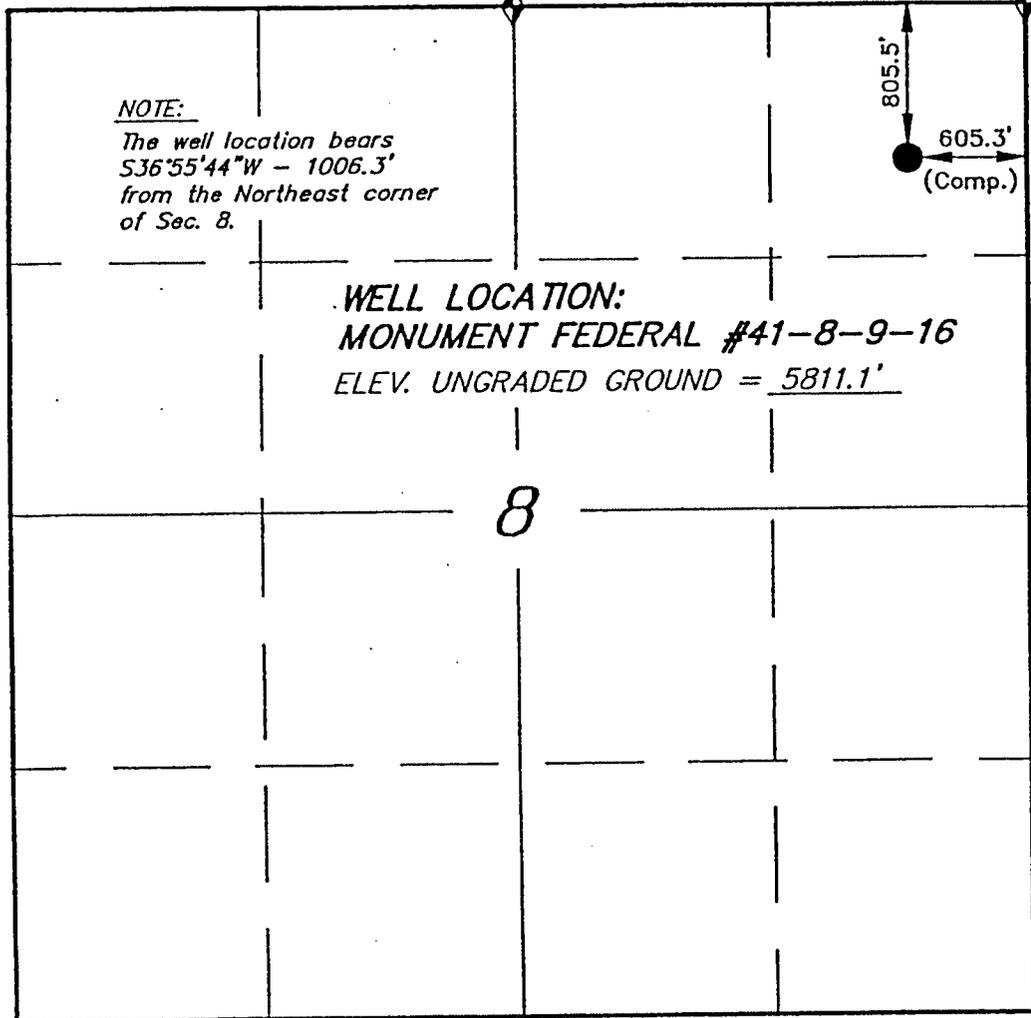
Date: 10/4/2005      Alex Petty

# T9S, R16E, S.L.B.&M.

**EQUITABLE RESOURCES ENERGY CO.**

N89°54'W - 40.03 (G.L.O.)

2644.95' (Measured)  
N89°54'W (G.L.O.) Basis of Bearings



**NOTE:**

The well location bears  
S36°55'44"W - 1006.3'  
from the Northeast corner  
of Sec. 8.

**WELL LOCATION:**  
MONUMENT FEDERAL #41-8-9-16  
ELEV. UNGRADED GROUND = 5811.1'

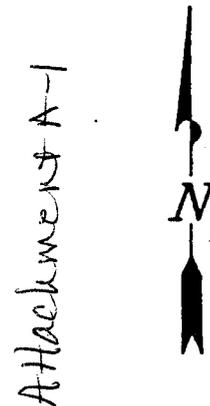
805.5'  
605.3'  
(Comp.)

N0°03'W (G.L.O.)

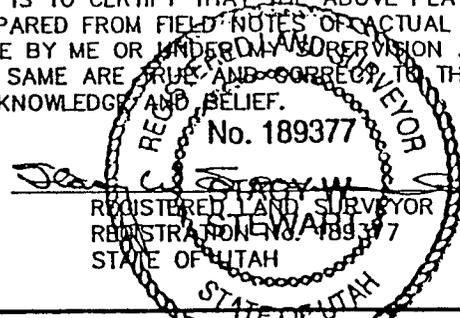
N0°03'W (G.L.O.)

N89°50'W - 80.02 (G.L.O.)

WELL LOCATION, MONUMENT FEDERAL #41-8-9-16, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 8, T9S, R16E, S.L.B.&M. DUCHESNE 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.



**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 SW)

SCALE: 1" = 1000'	SURVEYED BY: S.S.
DATE: 2-14-96	WEATHER: COOL
NOTES:	FILE #

Attachment B  
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 5: N/2SE/4	U-034217-A HBP	Inland Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 8: N/2NE/4	U-020255 HBP	Inland Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 4: W/2SW/4 Section 5: S/2SE/4	UTU-73086 HBP	Inland Production Company	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 3: Lots 3,4, S/2NW/4, SW/4 Section 4: NE/4SW/4, SE/4 Section 5: W/2SW/4, SW/4SW/4	UTU-73087 HBP	Inland Production Company	(Surface Rights) USA

Attachment B  
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	<u>Township 9 South Range 16 East</u> Section 3: SE/4 Section 4: SE/4SW/4 Section 8: SW/4NE/4, SE/4 Section 9: SW/4SW/4 Section 17: NE/4 Section 18: Lots 3,4, E/2SW/4, SE/4 Section 19: Lots 1,2, NE/4, E/2NW/4 Section 21: N/2 Section 22: W/2NE/4, SE/4NE/4, NW/4	UTU-64379 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA
6	Township 9 South, Range 16 East Section 9: NW/4NW/4	UTU-020254 HBP	Inland Production Company	(Surface Rights) USA
7	<u>Township 9 South, Range 16 East</u> Section 8: SE/4NE/4 Section 9: NE/4, NE/4NW/4, S/2NW/4 Section 10: N/2 NW/4 Section 35: W/2	UTU-65207 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA

Attachment B  
Page 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
8	<u>Township 9 South Range 16 East</u> Section 6: All Section 7: All Section 8: W/2 Section 9: NW/4SW/4 Section 17: NW/4 Section 18: Lots 1 & 2, NE/4, E/2NW/4	UTU-74390 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Federal #41-8-9-16

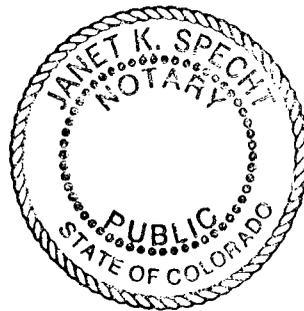
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Bill Pennington  
Inland Production Company  
Bill Pennington  
Chief Executive Officer

Sworn to and subscribed before me this 11<sup>th</sup> day of January, 2001.

Notary Public in and for the State of Colorado: Janet K. Specht

My Commission Expires: 7/14/01



# Monument Federal #41-8-9-16

Spud Date: 3/20/96  
 Put on Production: 3/29/96  
 GL: 5811' KB: 5822'

Initial Production: 100 BOPD, 0 MCFD  
 15 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 JTS  
 DEPTH LANDED: 260'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 134 jts (5856.58')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50  
 SET AT: 5919.18' KB

*2335*

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 165  
 TUBING ANCHOR: 4767.47'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: 5315.10'  
 SN LANDED AT: 5279.22'

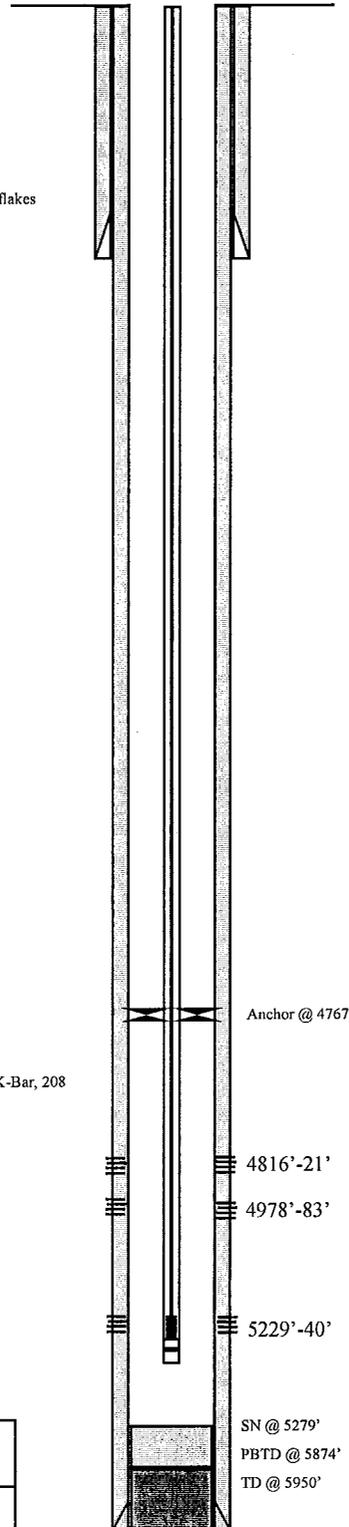
**SUCKER RODS**

POLISHED ROD: 1-1/4"x22"  
 SUCKER RODS: 1 - 1" x 2' pony w/2-1/2" guides, 1 - 1-1/2" x 25' K-Bar, 208 - 3/4" x 25' D-61 plain  
 TOTAL ROD STRING LENGTH:  
 PUMP NUMBER: Trico #1156  
 PUMP SIZE: DHP, 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: Litho-Density/CNL, DLL/GR, CBL

**FRAC JOB**

4-1-96 5229'-5240' Frac sand as follows:  
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbbls wtr. Screen out w/61,655# sand on formation.

4-4-96 4816'-4983' Frac sand as follows:  
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbbls flow back.



**PERFORATION RECORD**

3-27-96	5229'-5240'	4 JSPF	44 holes
4-3-96	4978'-4983'		7 holes
4-3-96	4816'-4821'		7 holes



**Inland Resources Inc.**

**Monument Federal #41-8-9-16**

806 FNL 605 FEL  
 NENE Section 8-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31619; Lease #U-020255

# Monument Federal #31-8-9-16

Spud Date: 1/15/97  
 Put on Production: 2/14/97  
 GL: 5838' KB: 5849'

Initial Production: 194 BOPD, 93 MCFD  
 23 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 5 JTS  
 DEPTH LANDED: 256.20'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" cmt, est 5 bbls to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 143 jts (5974.92')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 240 sxs Premium & 390 sxs Poz 50/50  
 CEMENT TOP AT: 900'  
 SET AT: 5984.92'

*3010*

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 174  
 TUBING ANCHOR: 4233'  
 SEATING NIPPLE: 2-7/8"  
 TOTAL STRING LENGTH: EOT @ 5419.35'  
 SN LANDED AT: 5385'

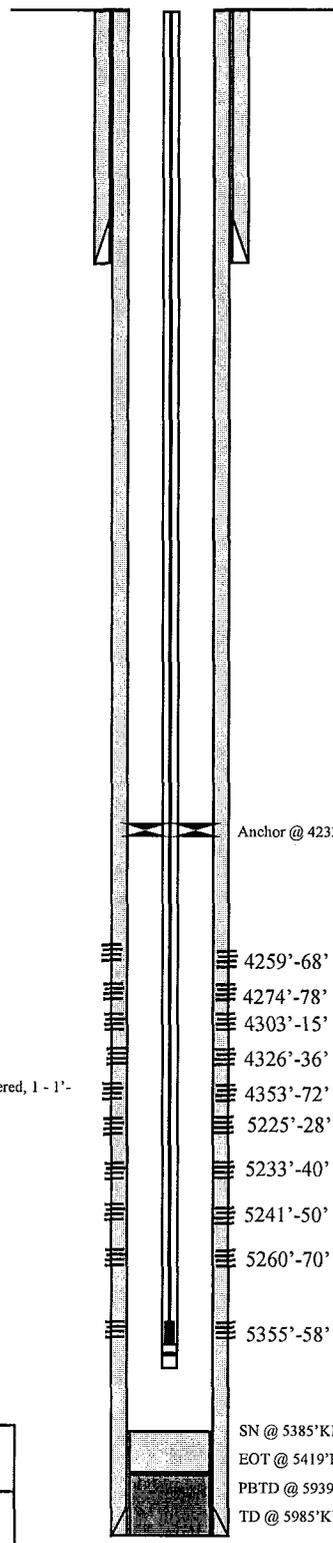
**SUCKER RODS**

POLISHED ROD: 1-1/4"x22"  
 SUCKER RODS: 1 - 8'x3/4" pony, 213-3/4" plain, 1 - 2'x7/8" scraped, 1 - 1'-1/2" wt rod, 1 - 2'x7/8" scraped pony.  
 PUMP SIZE: 2-1/2"x1-1/2"x16" RHAC  
 STROKE LENGTH: 84"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: CBL/GR

**FRAC JOB**

1-28-97 5225'-5358' Frac sand as follows:  
 29,840# 20/40 sd, 69,160# 16/30 sd  
 w/26,964 gals 2% KCL. ATP-2350 psi  
 w/avg rate of 33.0 BPM. ISIP-4570 psi, 5  
 min 1550 psi.

1-31-97 4259'-4372' Frac sand as follows:  
 162,000# 16/30 sd w/ 45,194 gals 2% KCL.  
 ATP-2150 psi w/avg rate of 41.9 BPM.  
 ISIP-2450 psi, 5 min 1940 psi.



**PERFORATION RECORD**

Date	Interval	Number of JSPF	Number of Holes
1-27-97	5225'-5228'	1	3 holes
1-27-97	5233'-5240'	1	7 holes
1-27-97	5241'-5250'	1	9 holes
1-27-97	5260'-5270'	1	10 holes
1-27-97	5355'-5358'	4	12 holes
1-30-97	4259'-4268'	2	18 holes
1-30-97	4274'-4278'	2	8 holes
1-30-97	4303'-4315'	4	48 holes
1-30-97	4326'-4336'	4	40 holes
1-30-97	4353'-4372'	4	76 holes

SN @ 5385'KB  
 EOT @ 5419'KB  
 PBTD @ 5939'KB  
 TD @ 5985'KB

**Inland Resources Inc.**

**Monument Federal #31-8-9-16**

520 FNL 2076 FEL

NWNE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-31721; Lease #U-020255

# Balcron Federal #21-9Y

Spud Date: 8/23/93  
 Put on Production: 9/30/93  
 GL: 5747' KB: 5753'

Initial Production: 50 BOPD, 75 MCFD  
 20 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 JTS - 266.25'  
 DEPTH LANDED: 275' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 6154.48'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 188 sx "G" w/4% thrifty lite. Tail w/125 sx 50/50 POZ.  
 CEMENT TOP AT: 2946' KB  
 SET AT: 6162.48' KB

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 153 (4733.84')  
 TUBING ANCHOR: 2-7/8" x 5-1/2" x 2.75' Trico  
 SEATING NIPPLE: 2-7/8" x 1.10'  
 TOTAL STRING LENGTH: 5393.47'  
 SN LANDED AT: 5370.37' KB

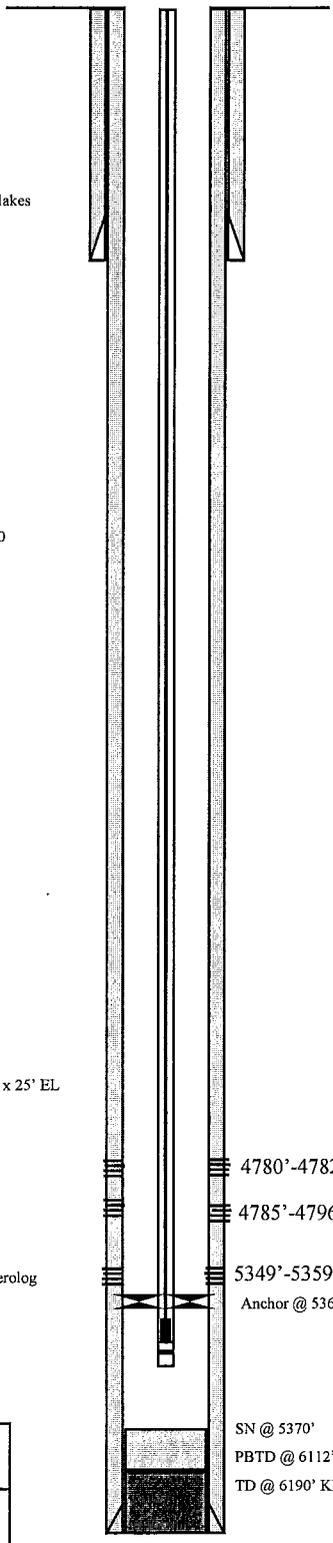
**SUCKER RODS**

POLISHED ROD: 1-1/4" x 16' SM  
 SUCKER RODS: 2-3/4" x 2' Pony, 208 - 3/4" x 25' D-61 plain, 6 - 1" x 25' EL w/2-1/2" guides  
 TOTAL ROD STRING LENGTH: 5370'  
 PUMP NUMBER:  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16"  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 4  
 LOGS: CBL/GR, Compensated Neutron-Litho Density Log, Dual Laterolog Micro-SFL

**FRAC JOB**

9/13/93 5349'-5359' Acid job/Breakdown:  
 ATP = 2500 psi, ATR = 3.8 bpm, ISIP = 2200 psi.  
 Frac sand as follows:  
 42,329# 16/30 sand w/402 bbls gelled KCL wtr. ISIP = 2582 psi, 5 min = 2280 psi, 10 min = 2032 psi, 15 min = 1826 psi.

9/17/93 4780'-4796' Acid job/Breakdown:  
 Balled out. ATP = 2500 psi, ATR = 8 bpm.  
 Frac sand as follows:  
 20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.



**PERFORATION RECORD**

9-9-93	5349'-5359'	2 JSPF	20 holes
9-16-93	4780'-4782'	2 JSPF	4 holes
9-16-93	4785'-4796'	2 JSPF	22 holes

NO  
BOND



**Inland Resources Inc.**  
 Balcron Federal #21-9Y  
 476 FNL 2051 FWL  
 NENW Section 9-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31396; Lease #U-65207

# Monument Federal #11-9-9-16

Spud Date: 3/20/96  
 Put on Production: 4/16/96  
 GL: 5756' KB: 5766' (10' KB)

Initial Production: 113 BOPD, 0 MCFD  
 18 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 JTS - 288'  
 DEPTH LANDED: 298' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 5856.7'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: Lead - 265 sx Super "G", 47#/sx G + 3#/sx poz + 34#/sx BA-91 + 3% salt + 2% gel + 2#/sx Hi-seal2 + 1/4#/sx cello flake.  
 Tail - 348 sx 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx Hi-seal2.  
 CEMENT TOP AT: 1530' KB  
 SET AT: 5866.7' KB

*2673*

**TUBING**

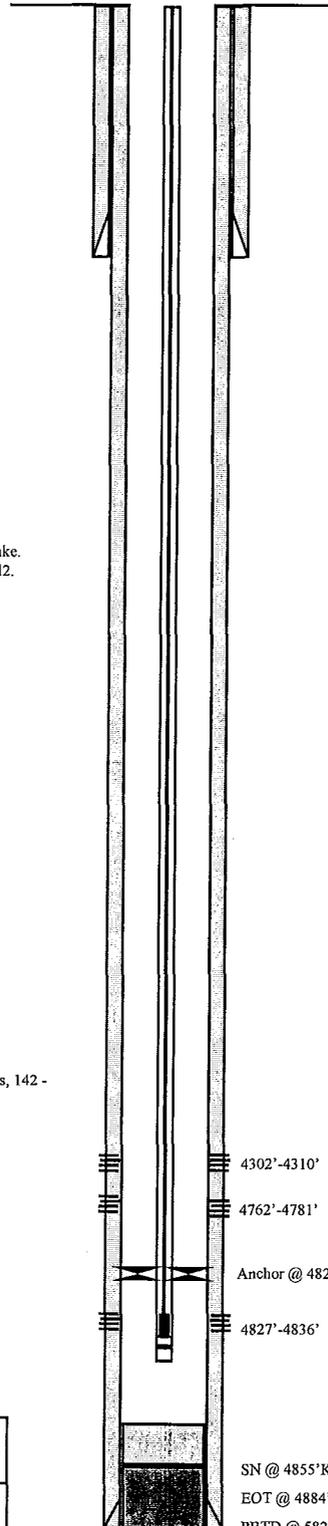
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
 NO. OF JOINTS: 152 jts.  
 TUBING ANCHOR: 2.80' 4820.29' KB  
 SEATING NIPPLE: 1.10'  
 TOTAL STRING LENGTH: EOT @ 4883.57' KB  
 SN LANDED AT: 4855.12' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 2 - 6', 1 - 4' x 3/4" pony rods, 40 - 3/4" scraped rods, 142 - 3/4" plain rods, 10 - 3/4" scraped rods, 1 - 1-1/2" weight rod.  
 TOTAL ROD STRING LENGTH: 4863'  
 PUMP NUMBER:  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump.  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: DLL, CNL/Litho-Density, CBL/GR

**FRAC JOB**

3/28/96 4827'-4836' Acid job/Breakdown:  
 1000 gals 15% HCl & 1394 gals wtr. ATP = 2000 psi, ATR = 3.8 bpm, ISIP = 1400 psi.  
 4762'-4781' 1000 gals 15% HCl & 1394 gals wtr. ATP = 2000 psi, ATR = 3.8 bpm, ISIP = 1400 psi.  
 4/01/96 4762'-4836' Frac sand as follows:  
 33,180 gals 2% KCl wtr & 110,000# 16/30 sand. ATP = 3800 psi, ATR = 35.5 bpm, ISIP = 3500 psi, 5 min = 1410 psi, 10 min = 1350 psi, 15 min = 1290 psi, 30 min = 1180 psi.  
 9/17/93 4780'-4796' Acid job/Breakdown:  
 Balled out. ATP = 2500 psi, ATR = 8 bpm.  
 Frac sand as follows:  
 20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.



**PERFORATION RECORD**

3-28-96	4762'-4781'	8 holes
3-28-96	4827'-4836'	6 holes
4-03-96	4302'-4310'	4 JSFP 32 holes



**Inland Resources Inc.**  
**Monument Federal #11-9-9-16**  
 674 FNL 668 FWL  
 NWNW Section 9-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31618; Lease #U-020254

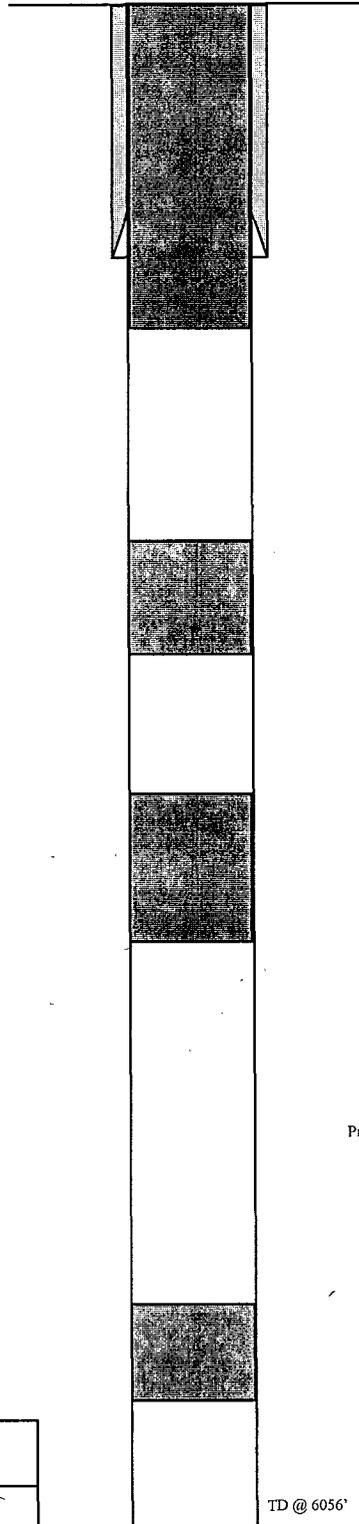
# Castle Peak Unit #9

Spud Date: 3/11/65  
P&A'd: N/A  
GL: 5811' KB: 5821'

Put on Production: 4/11/65  
Cumulative Production  
24918 BO  
37861 MCF  
0 BW

Per State of Utah-DOGMR records, this well was drilled by Diamond Shamrock. Current status on file is P&A'd. Plug date and cement plug detail were not available.

P&A Wellbore  
Diagram



	<b>Inland Resources Inc.</b>
	<b>Castle Peak Unit #9</b>
	819 FSL 763 FEL
	SESE Section 5-T9S-R16E
	Duchesne Co, Utah
API #43-013-15787; Lease #U-034217-A	

(May 1968)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

USA U-034217-A

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Diamond Shamrock Corporation		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR Box 631, Amarillo, Texas 79173		8. FARM OR LEASE NAME Castle Peak Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  SE SE 819' from south line and 763' from east line		9. WELL NO. 9
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Monument Butte
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5821' KB; 5811' Gr.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T9S, R16E SLM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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 checked="" 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"/>	CHANGE PLANS <input 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.)\*

Plugging Procedure

Set cement plugs as follows:

- 20 sacks 4,400' - 4,600'
- 35 sacks 4,200' - 4,100'
- 35 sacks 1,270' - 1,370'
- 35 sacks 170' - 270'
- 10 sacks Top of surface casing

Installed dry hole marker.

Completed as plugged and abandoned 2-15-74.

Plugging was approved by USGS 1-14-74.

18. I hereby certify that the foregoing is true and correct  
SIGNED D. W. Schlichter TITLE Manager of Drill. Oper. DATE 2-21-74

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Balcron Monument Federal #14-4  
(SWD FED 14-4)

Spud Date: 8-11-96  
Put on Production: 9-9-96  
GL: 5766' KB: 5776'

Initial Production: 33 BOPD, 0 MCFD  
0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 JTS (253')  
DEPTH LANDED: 263'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts (5831.81)  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 270 sks Super G & 400 sks 50/50 Poz  
CEMENT TOP AT: 1100'  
SET AT: 5841'

TUBING

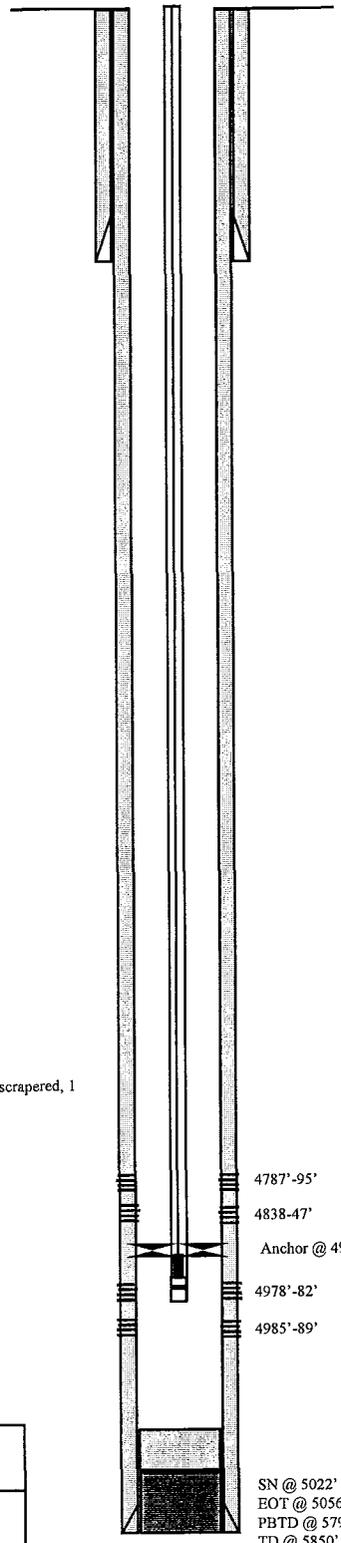
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 159 (4946.35')  
TUBING ANCHOR: 2.80' @ 4953.35' KB  
2 Jts. Tubing 63.08'  
SN: @ 5022.23' KB  
Perf Sub: 4.20'  
1 jt Tubing 28.05'  
N.C.: 0.40'  
EOT: @ 5055.98' KB

SUCKER RODS

POLISHED ROD: 1-1/4"x22"  
SUCKER RODS: 1-6', 1-4'x3/4" pony rods; 190-3/4" plain, 8 -3/4" scraped, 1 -2' x 1" scraped pony, 1 - 1-1/2" weight rods, 1 - 2'x1" scraped.  
PUMP SIZE: 2-1/2"x1-3/4"x15" RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4.5 SPM  
LOGS: DLL/GR, LDT/CNL

FRAC JOB

9-6-96	4978'-4989'	48,100# 16/30 sand, and 17,388 gals fluid.
9-6-96	4787'-4847'	96,400# 16/30 sand, and 28,476 gals fluid.



PERFORATION RECORD

9-4-96	4985'-4989'	4 JSPF	16 holes
9-4-96	4978'-4982'	4 JSPF	16 holes
9-4-96	4838'-4847'	2 JSPF	18 holes
9-4-96	4787'-4795'	2 JSPF	16 holes



**Inland Resources Inc.**  
Balcron Monument Federal #14-4  
719 FSL 607 FWL  
SWSW Section 4-T9S-R16E  
Duchesne Co, Utah  
API #43-013-31666; Lease #U-73086

SN @ 5022'  
EOT @ 5056'  
PBDT @ 5797'  
TD @ 5850'

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066

Office (435) 722-5066  
Fax (435) 722-5727

Attachment F-1

## WATER ANALYSIS REPORT

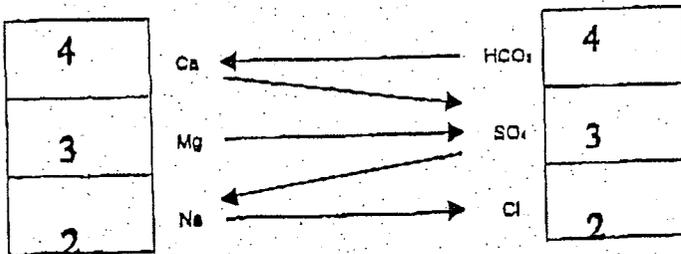
Company INLAND PRODUCTION Address \_\_\_\_\_ Date 1-27-00

Source JOHNSON Date Sampled 1-26-00 Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.4</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO <sub>3</sub> )	CO <sub>3</sub>	<u>0</u>	+ 30 <u>0</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub>	<u>240</u>	+ 61 <u>4</u> HCO <sub>3</sub>
7. Hydroxyl (OH)	OH	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub>	<u>130</u>	+ 48 <u>3</u> SO <sub>4</sub>
10. Calcium (Ca)	Ca	<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)	MG	<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Eq. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	11.04	<u>4</u>			<u>324</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.19	<u>3</u>			<u>181</u>
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	64.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03				
NaCl	58.48	<u>2</u>			<u>117</u>

#### Saturation Values

CaCO<sub>3</sub>  
CaSO<sub>4</sub> · 2H<sub>2</sub>O  
MgCO<sub>3</sub>

Distilled Water 20°C  
13 Mg/l  
2,090 Mg/l  
103 Mg/l

REMARKS \_\_\_\_\_

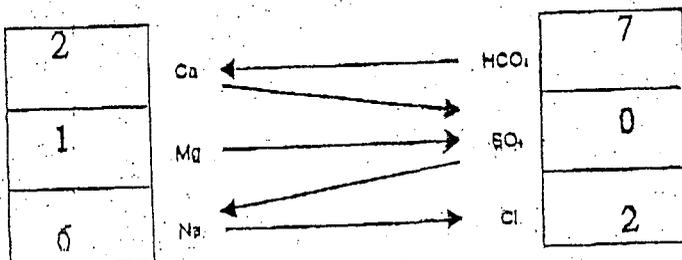
## WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address \_\_\_\_\_ Date 8-25-99  
 Source MBIF Date Sampled 8-25-99 Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>8.0</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>688</u>	
5. Alkalinity (CaCO <sub>3</sub> )		<u>0</u>	+ 30 <u>0</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )		<u>430</u>	+ 61 <u>7</u> HCO <sub>3</sub>
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO <sub>4</sub> )		<u>0</u>	+ 48 <u>0</u> SO <sub>4</sub>
10. Calcium (Ca)		<u>40</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>12</u>	+ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>150</u>	
13. Total Iron (Fe)		<u>1.3</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Saturation Values

CaCO<sub>3</sub>

CaSO<sub>4</sub> · 2H<sub>2</sub>O

MgCO<sub>3</sub>

Distilled Water 20°C

13 Mg/l

2,000 Mg/l

103 Mg/l

Compound	Eqvly. Wt.	X	Mg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>2</u>			<u>162</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50	<u>1</u>			<u>73</u>
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.18				
MgCl <sub>2</sub>	47.62	<u>4</u>			<u>336</u>
NaHCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>2</u>			<u>117</u>
NaCl	58.48				

REMARKS \_\_\_\_\_

# UNICHEM

A Division of BJ Services

435 722 5727

P.O. Box 217  
Roosevelt, Utah 84086

Attachment F-3

Office (435) 722-5086  
Fax (435) 722-5727

## WATER ANALYSIS REPORT

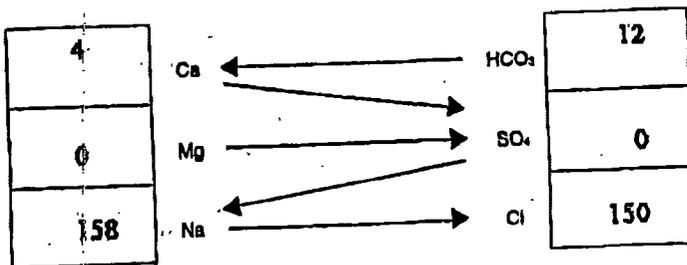
Company Inland Address \_\_\_\_\_ Date 1/22/00

Source Mon. Fed 41-8-9-16 Date Sampled 1/19/00 Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.1</u>		
2. H <sub>2</sub> S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.010</u>		
4. Dissolved Solids		<u>9,622</u>	
5. Alkalinity (CaCO <sub>3</sub> )		CO <sub>3</sub> <u>120</u>	+ 30 <u>4</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> <u>488</u>	+ 61 <u>8</u> HCO <sub>3</sub>
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>5,300</u>	+ 35.5 <u>150</u> Cl
9. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> <u>0</u>	+ 48 <u>0</u> SO <sub>4</sub>
10. Calcium (Ca)		Ca <u>80</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)		Mg <u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>200</u>	
13. Total Iron (Fe)		<u>1.4</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Equly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>4</u>		<u>324</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62		<u>8</u>		<u>672</u>
NaHCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03		<u>150</u>		<u>8,769</u>
NaCl	58.46				

Saturation Values	Distilled Water 20°C
CaCO <sub>3</sub>	13 Mg/l
CaSO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
MgCO <sub>3</sub>	103 Mg/l

Complete & Compat.

REMARKS \_\_\_\_\_

Received Time Jan. 25. 11:50AM

435 722 5727

Attachment F-4

**AQUAMIX SCALING PREDICTIONS**

COMPANY: Inland Production Company  
 LOCATION:  
 SYSTEM:

1/22/01

WATER DESCRIPTION:	Johnson Water	Mon. Fed. 41-8-9-16
P-ALK AS PPM CaCO3	0	200
M-ALK AS PPM CaCO3	393	800
SULFATE AS PPM SO4	130	0
CHLORIDE AS PPM Cl	71	5300
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	180	200
MAGNESIUM AS PPM CaCO3	169	0
SODIUM AS PPM Na	46	3634
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	600	9622
TEMP (DEG-F)	100	100
SYSTEM pH	7.4	9.1

**WATER COMPATIBILITY CALCULATIONS**

Johnson Water AND Mon. Fed. 41-8-9-  
 CONDITIONS: pH=8.3. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS Johnson Water

% Water	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.18	55	0	0	0
90	1.18	56	0	0	0
80	1.17	57	0	0	0
70	1.17	58	0	0	0
60	1.16	59	0	0	0
50	1.15	59	0	0	0
40	1.13	60	0	0	0
30	1.11	60	0	0	0
20	1.10	61	0	0	0
10	1.08	61	0	0	0
0	1.06	62	0	0	0

**Attachment "G"**

**Monument Federal #41-8-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4816	4983	4900	5100	1.474	5003
5229	5240	5235	4400	1.274	4384
				<b>Minimum</b>	<u>4384</u> ←

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$

Monument Federal #43-10-9-16

DAILY OPERATING REPORT**MONUMENT FEDERAL #41-8-9-16****Location: NE NE Sec. 8, T9S, R16E****Duchesne County, Utah****---TIGHT HOLE---**

- 03/28/96      **Completion**  
 RU BJ Services to break down 5,229' - 40' as follows: 1,000 gals 15% HCL and 2,192 gals water. Flushed well w/1,302 gals of 2% KCL wtr. ATP = 1,700psi, ATR = 3.3 bpm, ISIP = 950psi. Used 76 bbls wtr. Flow back 20 bbls wtr. Made 23 swab runs. Recovered 6 bbls oil and 46 bbls wtr. Oil 65% last 4 runs. Good gas last 14 runs. 300' of fluid entry at 30 min. SWIFN.  
 DC: \$5,592      CC: \$183,562
- 03/29/96      **Completion**  
 Fluid level at surface. Flow bace 3 bbls oil. Lines plugged. Flush tbg and lines w/10 bbls 2% KCL wtr. Made 11 swab runs. Recovered 21 bbls oil, 5 bbls wtr, good gas. Average 250' fluid entry at 1/2 hour. Oil 60% to 70%. Ed Forsmam w/BLM witnessed oil production. Release pkr. Pump 10 bbls wtr to kill well. TOO H w/tbg and pkr. TIH w/RBP, retrieving tool, and 164 jts 2-7/8" tbg. Set BP at 5,279'KB. TOO H w/tbg and retrieving tool. SWI unitl 4-1-96.  
 DC: \$1,887      CC: \$185,449
- 04/01/96      **Completion**  
 RU BJ Services to frac 5,229' - 40'. Frac w/19,698 gals 2% KCL wtr, 26,280 bbls 20/40 sand and 42,600 lbs 16/30 sand. ATP = 2,050psi, ATR = 30.8 bpm, ISIP = 4,400psi, 5 min = 1,690psi, 10 min = 1,410psi, 15 min = 1,320psi. Used 469 bbls wtr. Screen out. 61,655 lbs sand on formation. SWI. Bleed well down. Flow back 90 bbls wtr, trace sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN and 80 jts 2-7/8" tbg. Flow back 30 bbls wtr. Tag sand bridge at 2,580'KB to 3,227'KB. Tag sand fill at 5,001'KB. Circulate down to BP at 5,279'KB. Made 8 swab runs. Recovered 38 bbls wtr, last 3 runs 20% sand. Final fluid level 1,700'. SWIFN.  
 DC: \$29,212      CC: \$214,661
- 04/02/96      **Completion**  
 Fluid level 400'. Made 40 swab runs. Recovered 65 bbls oil and 124 bbls wtr. Good gas. Shut down 2-1/2 hours, fluid entry 1,150'. Oil 70% last 3 runs. Fluid level 2,100' last 2 runs. No sand last 11 runs. SWIFN.  
 DC: \$2,411      CC: \$217,072
- 04/03/96      **Completion**  
 Fluid level 400'. Release pkr. tag sand at 5247'KB. Circulate down to BP at 5279'KB. Used 15 bbls of wtr. Release BP. Reset BP at 5060'KB. TOO H w/tbg, pkr and retrieving tool. RU Schlumberger and perf 4978' - 83', 7 holes and 4816' - 21', 7 holes. RD Schlumberger. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN and 156 jts 2-7/8" tbg. Release BP. Reset BP at 4871'KB. Set pkr at 4797'KB. EOT at 4805'KB. SWIFN.  
 DC: \$4,001      CC: \$221,073



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 161' plug from 5129'-5290' with 30 sx Class "G" cement.
2. Plug #2 Set 317' plug from 4716'-5033' with 30 sx Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 30 sx Class "G" cement.
4. Plug #4 Set 100' plug from 210'-310' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. Plug #5 Set 50' plug from surface with 10 sx Class "G" cement.
6. Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 260' to surface.

The approximate cost to plug and abandon this well is \$18,000.

# Monument Federal #41-8-9-16

Spud Date: 3/20/96  
Put on Production: 3/29/96  
GL: 5811' KB: 5822'

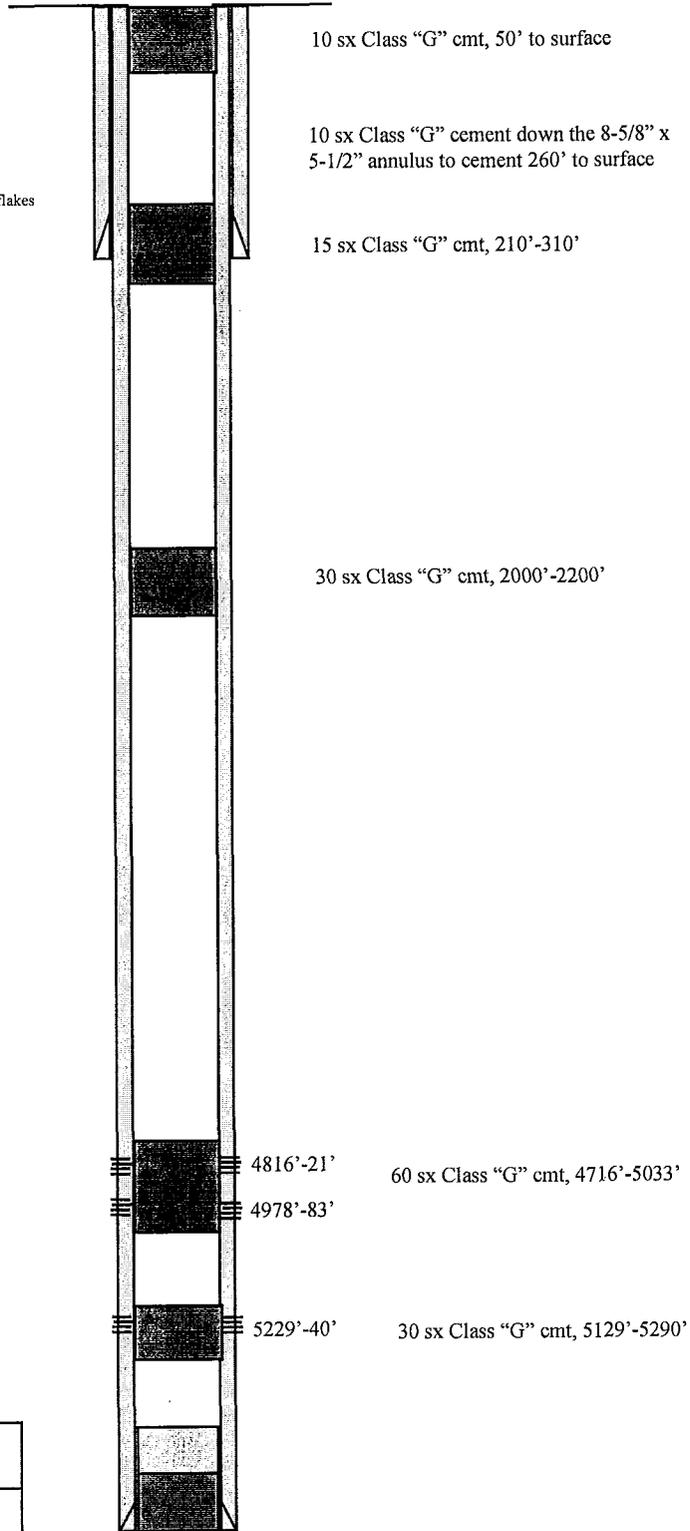
Proposed P & A  
Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 6 JTS  
DEPTH LANDED: 260'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts (5856.58')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50  
SET AT: 5919.18' KB



	<b>Inland Resources Inc.</b>
	<b>Monument Federal #41-8-9-16</b>
	806 FNL 605 FEL
	NENE Section 8-T9S-R16E
	Duchesne Co, Utah
API #43-013-31619; Lease #U-020255	



June 11, 2001

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

RE: Permit Application for Water Injection Well  
Monument Federal #41-8-9-16  
Monument Butte Field, South Wells Draw Unit, Lease #U-020255  
Section 8-Township 9S-Range 16E  
Duchesne County, Utah

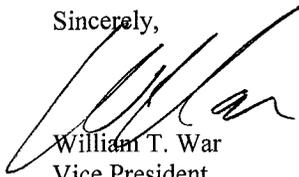
Dear Mr. Jarvis:

Inland Production Company herein submits a revised UIC Form 1 for your review and approval. This is a part of our request to convert the Monument Federal #41-8-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

Per the original Attachment "G" of our permit, the Pmax for this well calculated at 4384 psi, but we will not exceed 3200 psi.

If you have any questions or require any additional information, please contact Mr. George Rooney at (303) 893-0102.

Sincerely,

  
William T. War  
Vice President

Enclosure



DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Inland Production Company

**Well:** Monument Fed. 41-8-9-16

**Location:** 8/9S/16E

**API:** 43-013-31619

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the South Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the South Wells Draw Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 260 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5919'. A cement bond log demonstrates adequate bond in this well up to 2335 feet. A 2 7/8 inch tubing with a packer will be set at 4719 feet. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells and one P&A well in the area of review. All of the wells, but one, have evidence of adequate casing and cement. The well in question is the Balcron Federal #21-9Y, located in Section 9, Township 9 South, Range 16 East. This well is permitted as an injection well with the stipulation that a Radioactive Tracer Survey will be run when the injection pressure builds up to 500 psi. Inland has provided information showing that the injection zone for the proposed well is lower in the stratigraphic column than the injection interval on the 21-9Y. At the time the R.A.T. Survey is run on the 21-9Y, if the cement does not prove adequate, remedial action will be taken or the well will be plugged.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 4816 feet and 5240 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 41-8-9-16 well is 1.274 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 4384 psig. (From past experience this seems to be quite high) The recommended maximum pressure is 2000 psig. (more in line with past wells) The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Monument Fed. 41-8-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the South Wells Draw Unit July 16, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date 02/06/2002



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

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

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

February 6, 2002

Inland Production Company  
410 Seventeenth Street, Suite 700  
Denver, Colorado 80202

Re: South Wells Draw Unit Well: Monument Federal 41-8-9-16, Section 8,  
Township 9 South, Range 16 East, Duchesne County, Utah

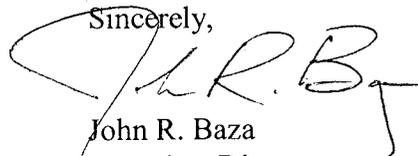
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et. seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,



John R. Baza  
Associate Director

er

cc: Inland Production Company, Myton  
Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: MON FEDERAL 41-8-9-16 API Number: 43-013-31619  
 Qtr/Qtr: NE/NE Section: 8 Township: 9S Range: 16E  
 Company Name: INLAND PRODUCTION COMPANY  
 Lease: State Utah Fee \_\_\_\_\_ Federal 61-000255 Indian \_\_\_\_\_  
 Inspector: Dennis P. [Signature] Date: 03-13-02

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 10 psi  
 Casing/Tubing Annulus - Pressure: 1240 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1240</u>	<u>10</u>
5	<u>1240</u>	<u>10</u>
10	<u>1241</u>	<u>10</u>
15	<u>1242</u>	<u>10</u>
20	<u>1243</u>	<u>10</u>
25	<u>1244</u>	<u>10</u>
30	<u>1245</u>	<u>10</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 10 psi  
 Casing/Tubing Annulus Pressure: 1245 psi

COMMENTS: Original test, conversion. Also record test on  
Barton chart test between 1:00 PM + 1:30 PM

Brent Cook  
 Operator Representative

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: MON FEDERAL 41-89-16 API Number: 43-013-31619  
 Qtr/Qtr: NE/NE Section: 8 Township: 9S Range: 16E  
 Company Name: INLAND PRODUCTION COMPANY  
 Lease: State          Fee          Federal LI-000255 Indian           
 Inspector: Dennis Longman Date: 03-13-02

Initial Conditions:

Tubing - Rate:                                  Pressure: 10 psi  
 Casing/Tubing Annulus - Pressure: 1240 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1240</u>	<u>10</u>
5	<u>1240</u>	<u>10</u>
10	<u>1241</u>	<u>10</u>
15	<u>1242</u>	<u>10</u>
20	<u>1243</u>	<u>10</u>
25	<u>1244</u>	<u>10</u>
30	<u>1245</u>	<u>10</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 10 psi  
 Casing/Tubing Annulus Pressure: 1245 psi

COMMENTS: Original test conversion. Also record test on  
Benton chart test between 1:00 PM + 1:30 PM

Brent Cook  
 Operator Representative

RECEIVED

MAR 13 2002

DIVISION OF  
OIL, GAS AND MINING



March 15, 2002

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

RE: Recompletion  
Monument Federal 41-8-9-16  
Sec. 8, T9S, R16E  
API # 43-013-31619

Dear Mr. Dan Jarvis:

The subject well had four new perforations added in the Green River formation and on reperferation. Please find enclosed the sundry. If you have any questions please let me know.

Sincerely,

Krishna Russell  
Production Clerk

RECEIVED

MAR 18 2002  
DIVISION OF  
OIL, GAS AND MINING

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (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.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>U-020255</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  <b>N/A</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		<b>7. UNIT AGREEMENT NAME</b>  <b>SO WELLS DRAW</b>	
<b>3. ADDRESS OF OPERATOR</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		<b>8. FARM OR LEASE NAME</b> <b>MONUMENT FED 41-8-9-16</b>	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b> See also space 17 below.) At surface <b>NE/NE Section 8, T9S R16E</b> <b>0806 FNL 0605 FEL</b>		<b>9. WELL NO.</b> <b>MONUMENT FED 41-8-9-16</b>	
<b>14. API NUMBER</b> <b>43-013-31619</b>		<b>10. FIELD AND POOL, OR WILDCAT</b>  <b>MONUMENT BUTTE</b>	
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> <b>5811 GR</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <b>NE/NE Section 8, T9S R16E</b>	
<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>		<b>13. STATE</b> <b>UT</b>	

**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) <input checked="" type="checkbox"/> <b>Recompletion 3-15-02</b>
(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.)\*

The subject well was recompleted in the Green River formation. 4 new intervals were perforated and one interval was reperf. 4319' - 4327', 4341' - 4345', 5373' - 5383', 5387' - 5393', and the reperf interval 4815' - 4822' w/4 jspf for a total of 140 shots. If you have any question's please let me know.

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

SIGNED     Krisha Russell     TITLE     Production Clerk     DATE     3/15/2002      
 Krishna Russell

cc: BLM  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**COPY SENT TO OPERATOR**  
 Date: 03-29-02  
 Initials: CRD

\* See Instructions On Reverse Side

**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**

Date: 03-28-02  
 By:     Krisha Russell



March 14, 2002

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

RE: Injection Conversion  
Monument Federal 41-8-9-16  
Sec.8 T9S, R16E  
API # 43-013-31619

Dear Mr. Dan Jarvis,

Please find enclosed the sundry, tabular and a copy of the chart on the Monument Federal 41-8-9-16. The subject well was placed from a producing to an injection well. If you have any questions please let me know.

Sincerely,

Krisha Russell  
Production Clerk

RECEIVED  
MAR 14 2002  
STATE OF UTAH  
DEPARTMENT OF GEOLOGY

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (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. <b>U-020255</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		7. UNIT AGREEMENT NAME  <b>SO WELLS DRAW</b>	
<b>3. ADDRESS OF OPERATOR</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		8. FARM OR LEASE NAME <b>MONUMENT FED 41-8-9-16</b>	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE/NE Section 8, T9S R16E</b> <b>0806 FNL 0605 FEL</b>		9. WELL NO. <b>MONUMENT FED 41-8-9-16</b>	
<b>14 API NUMBER</b> <b>43-013-31619</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.)  <b>5811 GR</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NE/NE Section 8, T9S R16E</b>	
<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>		13. STATE <b>UT</b>	

**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) <input checked="" type="checkbox"/> <b>Injection Conversion</b>
(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.)\*

The subject well was converted from a producing to an injection well on 3/6/02. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly 3300'. On 3/12/02 Mr. Dennis Ingram w/ State DOGM was contacted and gave permission to conduct a MIT on the casing. On 3/13/02 the casing was pressured to 1190 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test.

RECEIVED

MAR 18 2002

DIVISION OF  
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 3/14/2002  
Krishna Russell

cc: BLM  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: *Annis L. Ingram* Date 3/13/02 Time 1:00  am  pm

Test Conducted by: Brent Cook

Others Present: \_\_\_\_\_

Well: MF 41-8-9-16 Field: SO. Wells Draw  
Well Location: NE NE, Sec. 8, T9S-R1E API No: 43-013-31619

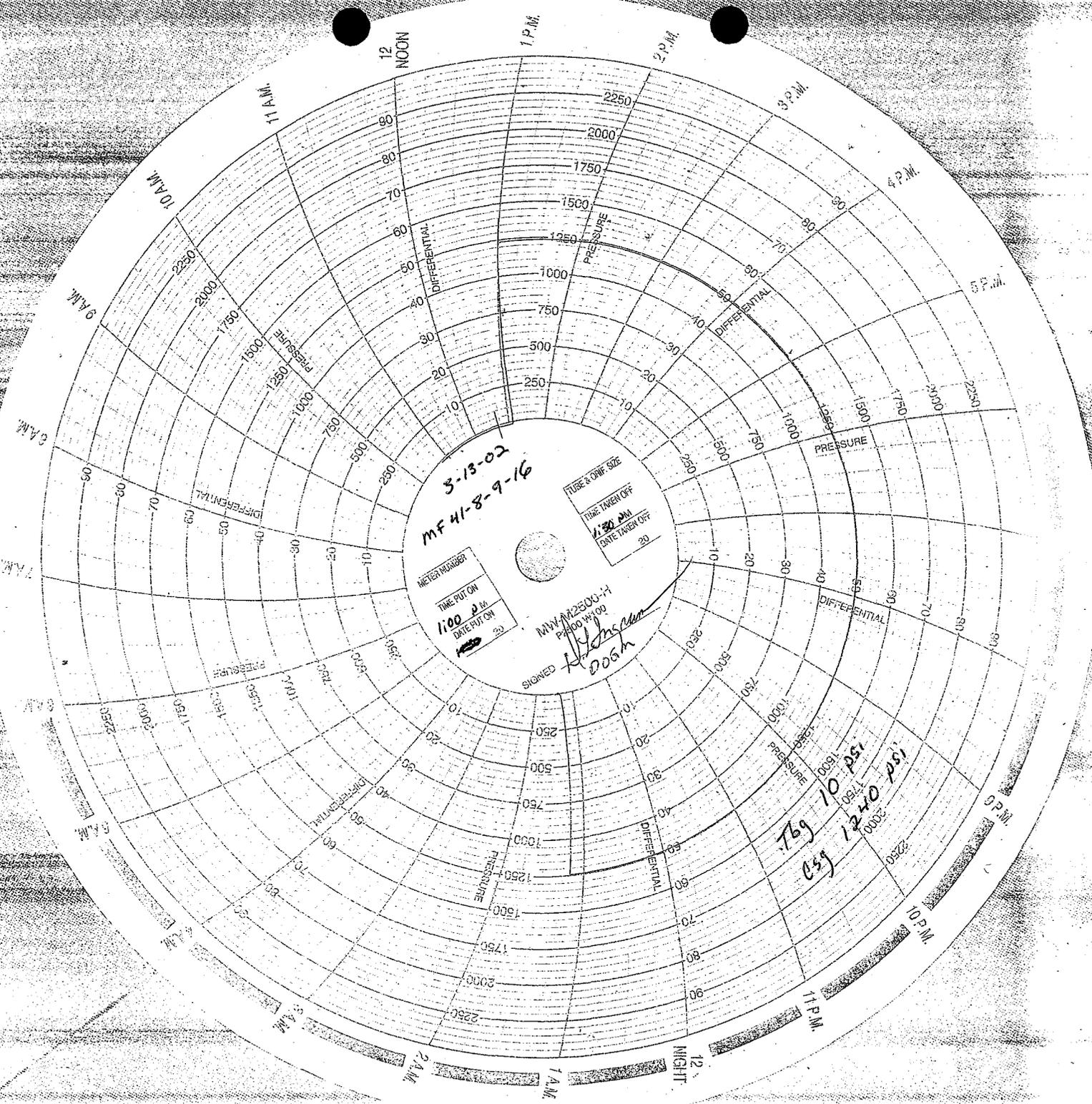
Time	Casing Pressure
0 min	<u>1240</u> psig
5	<u>1240</u> psig
10	<u>1240</u> psig
15	<u>1240</u> psig
20	<u>1245</u> psig
25	<u>1245</u> psig
30 min	<u>1245</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 10 psig

Result:  **Pass**  **Fail**

Signature of Witness: *Annis L. Ingram*

Signature of Person Conducting Test: Brent Cook



3-13-02  
 MF 41-8-9-16

METER NUMBER  
 TIME PUT ON 1:00 PM  
 DATE PUT ON 3-13-02

TUBE & CNTR. SIZE  
 TUBE TAKEN OFF 1:30 PM  
 DATE TAKEN OFF 3-13-02

MVA 2500-H  
 P 100 W 100  
 SIGNED *H. Johnson*  
 D06h

769 10 PSI  
 C35 1240 PSI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-020255**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**SO WELLS DRAW**

8. Well Name and No.  
**MONUMENT FED 41-8-9-16**

9. API Well No.  
**43-013-31619**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTA**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**0806 FNL 0605 FEL NE/NE Section 8, T9S R16E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>Report of first injection</b>
	<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.)\*

The above referenced well was put on injection at 10:00 a.m. on 3/21/02.

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

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

Signed Mandie Crozier Title Permit Clerk Date 3/22/2002

Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

MAR 25 2002  
DIVISION OF  
OIL, GAS AND MINING



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

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

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

**UNDERGROUND INJECTION CONTROL PERMIT**

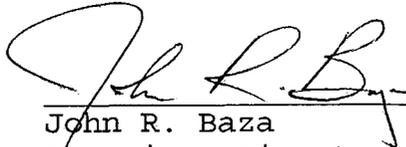
Cause No. 231-04

Operator: Inland Production Company  
Well: Monument Federal 41-8-9-16  
Location: Section 8, Township 9 South, Range 16 East  
County: Duchesne  
API No.: 43-013-31619  
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 6, 2002.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4816 feet - 5240 feet)

Approved by:

  
John R. Baza  
Associate Director

4/2/02  
Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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



## 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 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company	Name: Brian Harris
Address: 1401 17th Street Suite 1000	Signature: <i>Brian Harris</i>
city Denver state Co zip 80202	Title: Engineering Tech.
Phone: (303) 893-0102	Date: 9/15/2004
Comments:	

NEW OPERATOR

Company: Newfield Production Company	Name: Brian Harris
Address: 1401 17th Street Suite 1000	Signature: <i>Brian Harris</i>
city Denver state Co zip 80202	Title: Engineering Tech.
Phone:	Date: 9/15/2004
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt*  
Title: *Permit Services Manager*

Approval Date: *9-20-04*

Comments: *Note: Indian Country wells will require EPA approval.*

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**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**

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

**CA No.**

**Unit:**

**SOUTH WELLS DRAW (GR)**

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

**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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**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.

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)  
806 FNL 605 FEL  
NENE Section 8 T9S R16E

5. Lease Serial No.  
USA UTU-020255

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
S WELLS DRAW UNIT

8. Well Name and No.  
MON FED 41-8-9-16

9. API Well No.  
4301331619

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

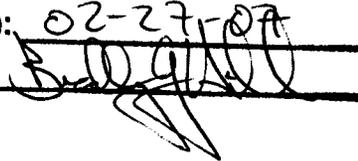
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Five Year MIT
	<input type="checkbox"/> Convert to	<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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/1/07 Dennis Ingram with the State of Utah (DOGGM) was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 2/21/07. On 2/21/07 the casing was pressured up to 1300 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1900 psig during the test. There was not State representative available to witness the test.  
API# 43-013-31619

Accepted by the  
Utah Division of  
Oil, Gas and Mining

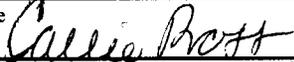
Date: 02-27-07  
By: 

RECEIVED  
FEB 27 2007

DIV. OF OIL, GAS & MINING

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

Callie Ross

Signature 

Title

Production Clerk

Date

02/26/2007

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 reverse)

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 2/2/07 Time 12:00 am (pm)

Test Conducted by: Gordon Womack

Others Present: \_\_\_\_\_

Well: <u>Monument Fed 41-8-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE NE SEC 8-T9S-R16E</u> <u>Duchesne County, UTAH</u>	API No: <u>43-013-31619</u>

Time	Casing Pressure
0 min	<u>1300</u> psig
5	<u>1300</u> psig
10	<u>1300</u> psig
15	<u>1300</u> psig
20	<u>1300</u> psig
25	<u>1300</u> psig
30 min	<u>1300</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing pressure: 1900 psig

Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Gordon Womack



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020255
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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 Water Injection Well		8. WELL NAME and NUMBER: MON FED 41-8-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013316190000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0806 FNL 0605 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 08 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 1/17/2012	<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="5 YR MIT"/>

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

On 01/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 01/17/2012 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1864 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 January 23, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/23/2012	

# Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Chris Jensen Date 1/17/12 Time 11:30  am  
Test Conducted by: Trent Harey  
Others Present: \_\_\_\_\_

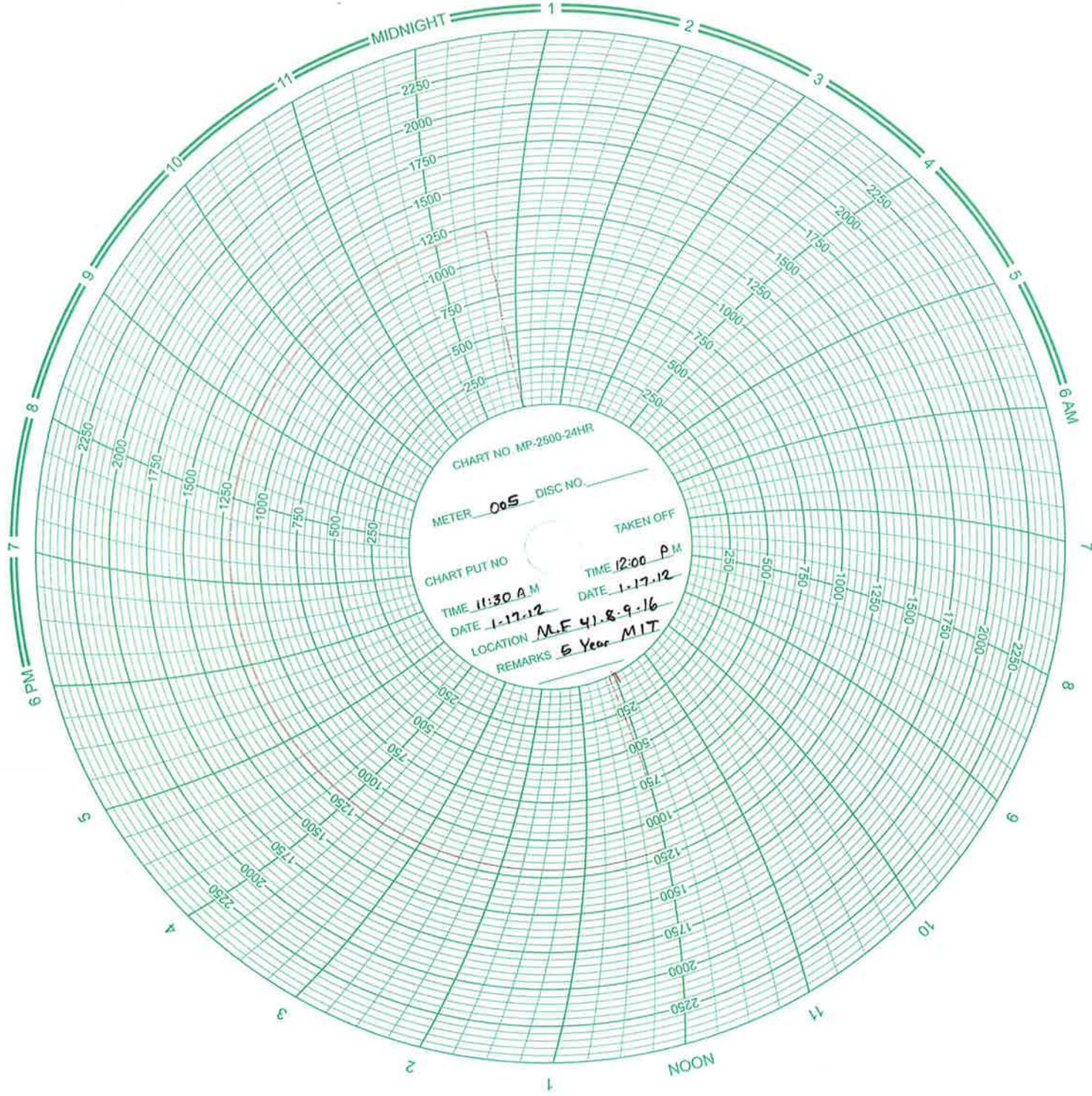
Well: Monument Federal 41.8.9.16 Field: Monument BuAc  
Well Location: Mon. Fed. 41.8.9.16 API No: 43-013-31619  
NE/NE Sec. 8 T9S R16E Duchesne Cnty UT.

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1200</u>	psig
25	<u>1200</u>	psig
30 min	<u>1200</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1864 psig

Result:  Pass  Fail

Signature of Witness: Chris Jensen  
Signature of Person Conducting Test: Trent Harey



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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: UTU-020255
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MON FED 41-8-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0806 FNL 0605 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 08 Township: 09.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013316190000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
9. API NUMBER: 43013316190000	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: 11/4/2014	<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="Workover MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. On 11/03/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 11/04/2014 the csg was pressured up to 1383 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1000 psig during the test. There was not a State representative available to witness the test.

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

Date: ~~November 25, 2014~~

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/12/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 11/4/14 Time 10:45 am pm

Test Conducted by: Hal Richards

Others Present: Dustin Bennett

Well: Monument ~~304~~ Federal 41-8-9-16 Field: Monument Butte  
Well Location: NE/NE SEC. 8, T9S, R16E API No: 43-013-31619

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1382.8</u>	psig
5	<u>1383.0</u>	psig
10	<u>1383.4</u>	psig
15	<u>1383.0</u>	psig
20	<u>1383.0</u>	psig
25	<u>1383.4</u>	psig
30 min	<u>1383.0</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

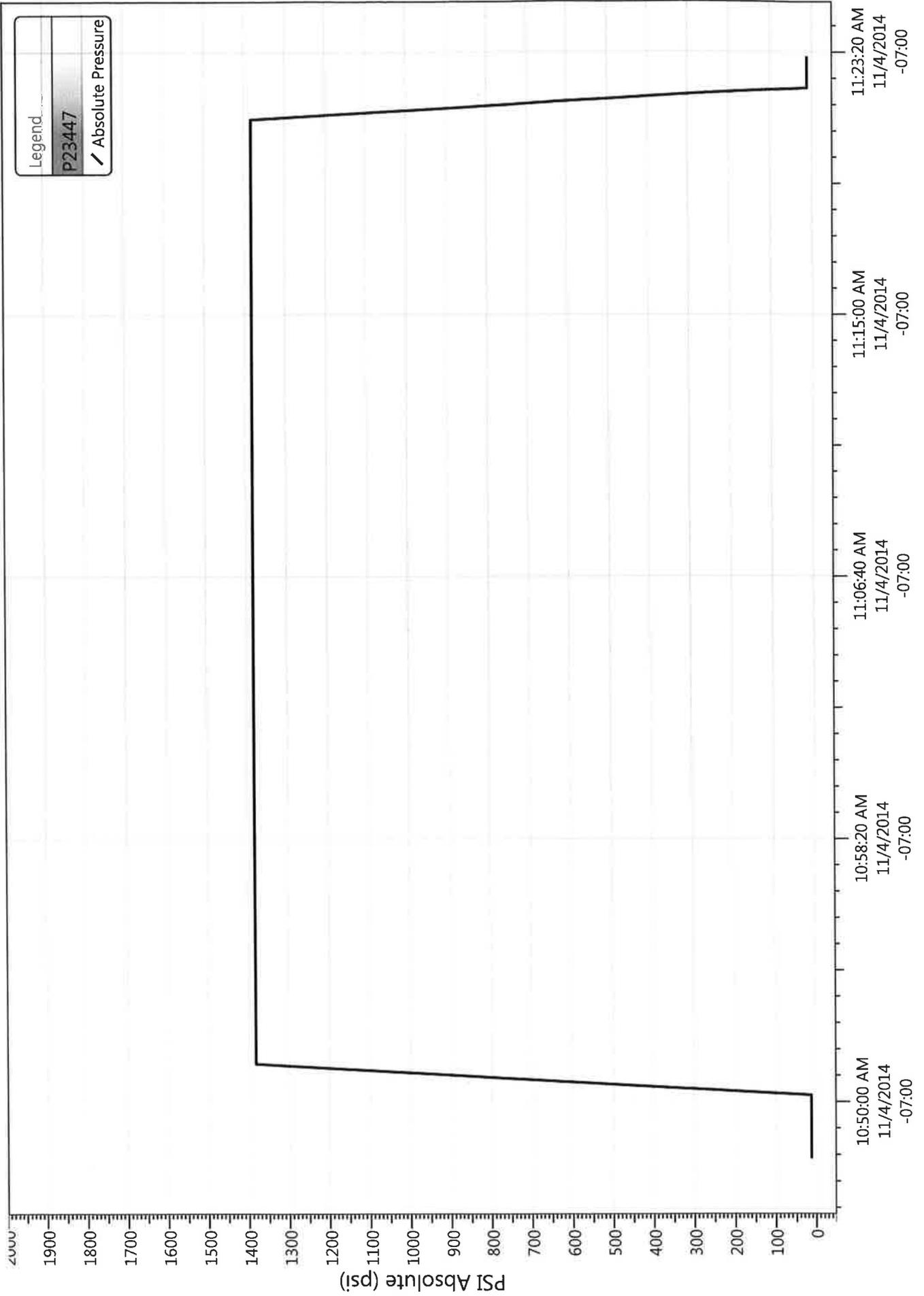
Tubing pressure: 1000 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Hal Richards

monument federal 41-8-9-16 (rework mit 11-4-14)  
11/4/2014 10:46:33 AM



**NEWFIELD**

**Schematic**

**Well Name: Mon 41-8-9-16**

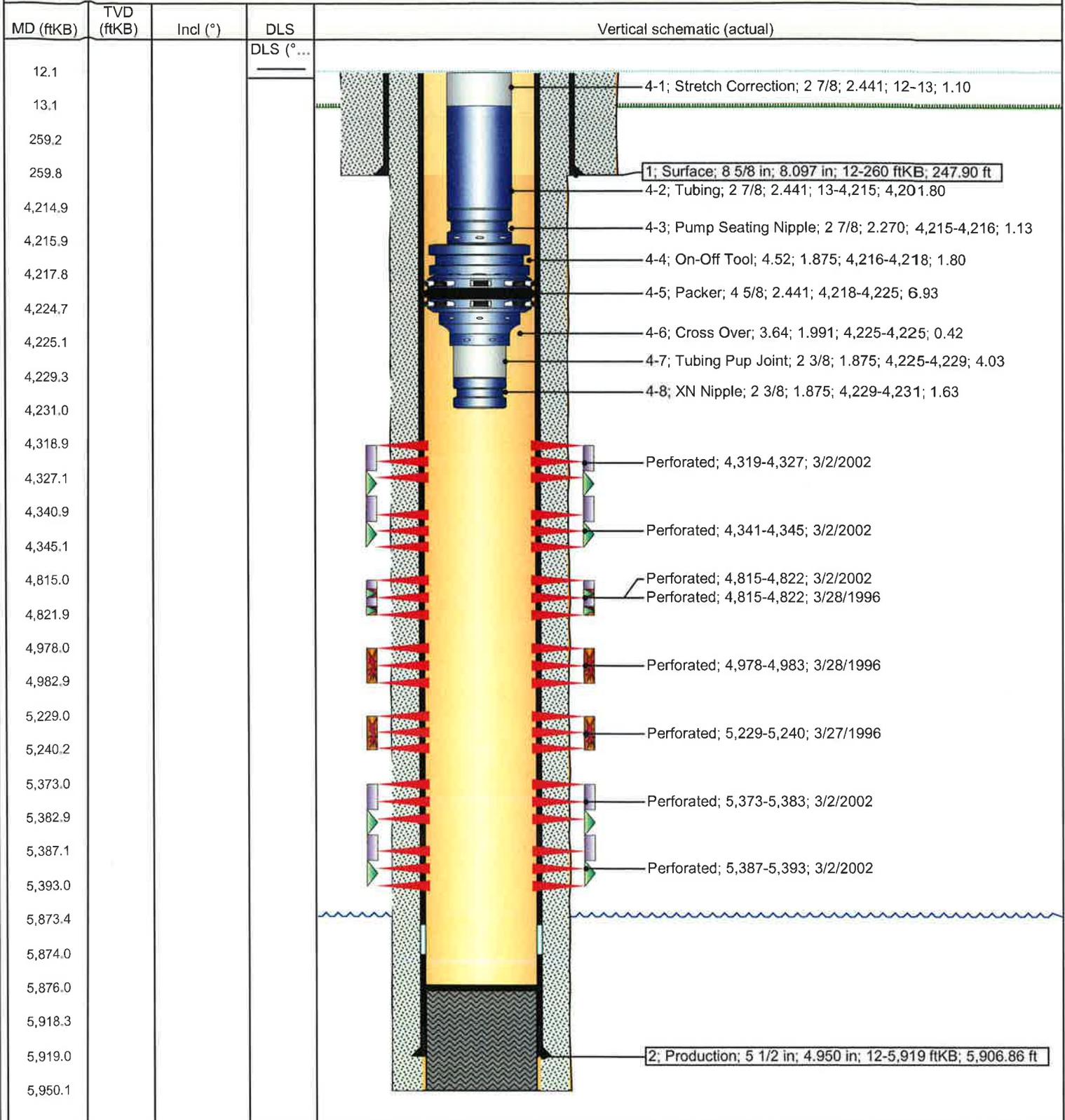
Surface Legal Location 08-9S-16E		API/UWI 43013316190000	Well RC 500150881	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 4/19/1996	Original KB Elevation (ft) 5,828	Ground Elevation (ft) 5,811	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,876.0	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 10/27/2014	Job End Date 11/4/2014
---------------------------------------	-----------------------------	-------------------------------------	------------------------------	---------------------------

**TD: 5,950.0**

Vertical - Original Hole, 11/10/2014 2:17:15 PM



**NEWFIELD****Newfield Wellbore Diagram Data  
Mon 41-8-9-16**

Surface Legal Location 08-9S-16E		API/UWI 43013316190000		Lease	
County DUCHESE		State/Province Utah		Basin	
Well Start Date 3/17/1996		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,828		Ground Elevation (ft) 5,811		Total Depth (ftKB) 5,950.0	
				Total Depth All (TVD) (ftKB) 5,950.0	
				PBD (All) (ftKB) Original Hole - 5,876.0	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	W/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/17/1996	8 5/8	8.097	24.00	J-55	260
Production	3/25/1996	5 1/2	4.950	15.50	J-55	5,919

**Cement****String: Surface, 260ftKB 3/20/1996**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 260.0	Full Return?	Vol Cement Ret (bb)
Fluid Description	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0

**String: Production, 5,919ftKB 3/25/1996**

Cementing Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 5,950.0	Full Return?	Vol Cement Ret (bb)
Fluid Description	Fluid Type Lead	Amount (sacks) 300	Class G	Estimated Top (ftKB) 12.0
Fluid Description	Fluid Type Tail	Amount (sacks) 350	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

**Tubing Strings**

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					10/31/2014	4,230.8			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Stretch Correction	1	2 7/8	2.441	6.50	J-55	1.10	12.0	13.1	
Tubing	131	2 7/8	2.441	6.50	J-55	4,201.80	13.1	4,214.9	
Pump Seating Nipple	1	2 7/8	2.270			1.13	4,214.9	4,216.0	
On-Off Tool	1	4.515	1.875			1.80	4,216.0	4,217.8	
Packer	1	4 5/8	2.441			6.93	4,217.8	4,224.8	
Cross Over	1	3.635	1.991			0.42	4,224.8	4,225.2	
Tubing Pup Joint	1	2 3/8	1.875			4.03	4,225.2	4,229.2	
XN Nipple	1	2 3/8	1.875			1.63	4,229.2	4,230.8	

**Rod Strings**

Rod Description					Run Date	Set Depth (ftKB)				
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)			

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
6	GB6, Original Hole	4,319	4,327	4			3/2/2002
6	GB6, Original Hole	4,341	4,345	4			3/2/2002
5	D1 reperf, Original Hole	4,815	4,822	4			3/2/2002
3	D1, Original Hole	4,815	4,822	4			3/28/1996
2	C, Original Hole	4,978	4,983	4			3/28/1996
1	A1, Original Hole	5,229	5,240	4			3/27/1996
4	LODC, Original Hole	5,373	5,383	4			3/2/2002
4	LODC, Original Hole	5,387	5,393	4			3/2/2002

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	4,400	0.8	30.8	2,050			
3	5,100	0.86	34.0	3,700			
2	1,900	0.89	34.0	2,700			
4							
6							
5							

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 68880 lb
3		Proppant White Sand 60100 lb
2		Proppant White Sand 60100 lb

**NEWFIELD**

**Newfield Wellbore Diagram Data  
Mon 41-8-9-16**



Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
4		
6		
5		0



Well Name: Mon 41-8-9-16

Job Detail Summary Report

Primary Job Type Repairs	Job Start Date 10/27/2014	Job End Date 11/4/2014
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Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
10/27/2014	10/27/2014	MIRU
Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOCATION
Start Time	End Time	Comment
07:00	07:30	SAFETY MEETING (HAMMER) HAD BACKHO MOVE DIRT FROM WHERE DRAIN DITCH GOT DUG OUT OF WAY TO SPOT IN TEE SEAL
Start Time	End Time	Comment
07:30	08:30	SPOT IN RIG EQUIPMENT, LEVEL UP RIG, WAIT FOR WIND GUST TO DIE DOWN TO RIG UP
Start Time	End Time	Comment
08:30	09:30	RIG UP STRETCH GUIDED WIRES
Start Time	End Time	Comment
09:30	16:00	SPOT IN ZUBIATE FLOW BACK TANK (OTHER TANK WAS PARKED TO FAR AWAY), FLOW 2 7/8" J-55 TUBING INTO FLOW BACK TANK (1:00 PM FOR 3 1/2 HOURS FLOWED ABOUT 200 BBLs (FLOWING ABOUT 1 BBL PER MINUTE)) 4:00 PM 300 BBLs FLOW BACK, DIED DOWN A LITTLE
Start Time	End Time	Comment
16:00	17:00	REMOVE B1 - FLOW TEE, DROP STAND VALVE PUMP 20 BBLs TO SEAT STANDING VALVE CASING NOT FLOWING AT ALL, PRESSURE TUBING TO 3100 PSI, 15 MINUTE GAINED 50 PSI, 15 MINUTE GAINED 50 PSI, MINUTE GAINED 0 PSI GOOD TEST, PRESSURE CASING TO 1400 PSI, BLEED DOWN TUBING
Start Time	End Time	Comment
17:00	17:45	WATCH PRESSURE ON CASING WHILE BLEEDING DOWN TUBING 15 MIN GAINED 100 PSI, 15 MIN GAINED 50 PSI, 15 MIN GAINED 100 PSI RIG UP SAND LINE W/ BABY RED FISH TOOL
Start Time	End Time	Comment
17:45	18:30	RUN IN HOLE W/ SAND LINE & BABY RED FISH TOOL TO 4203', LATCH ONTO STANDING VALVE, COME OUT OF HOLE W/ SAND LINE & BABY RED FISH TOOL, LAY DOWN SAND LINE & LUBRICATOR SHUT IN TUBING, CASING PRESSURE @ 6:30 PM 1575 PSI SDFN
Start Time	End Time	Comment
18:30	19:30	CREW TRAVEL HOME FROM LOCATION
Report Start Date	Report End Date	24hr Activity Summary
10/28/2014	10/28/2014	CHECK PRESSURE ON CASING, IF OK CALL FOR MIT TEST IF NOT OK BLEED DOWN TUBING TO CHANGE OUT PACKER (WILL LET YOU KNOW IN THE MORNING
Start Time	End Time	Comment
06:00	07:00	CREW TRAVEL TO LOCATION
Start Time	End Time	Comment
07:00	07:30	SAFETY MEETING (PROPER CLOTHES FOR WEATHER) START UP EQUIPMENT SICP - 900 PSI
Start Time	End Time	Comment
07:30	10:00	PRESSURE CASING UP TO 1500 PSI, 15 MIN LOST 10 PSI (7:45 AM), 15 MIN LOST 10 PSI (8:00 AM), 15 MIN LOST 10 PSI (8:15 AM), 15 MIN LOST 10 PSI (8:30 AM), 15 MIN LOST 10 PSI (8:45 AM), 15 MIN LOST 10 PSI (9:00 AM), 15 MIN LOST 0 PSI (9:15 AM), 30 MIN LOST 0 PSI (9:45 AM), 15 MIN LOST 0 PSI (10:00 AM), BLEED DOWN CASING & HOOK UP TUBING TO FLOW BACK TANK TO BLEED DOWN, GOT TO CHANGE OUT WELL HEAD HAS OLD GREEN VALVE ON IT
Start Time	End Time	Comment
10:00	12:00	FLOW TUBING TO FLOW BACK TANK FLOWED 110 BBLs BACK FLOW DECREASED
Start Time	End Time	Comment
12:00	12:30	REMOVE WELL HEAD BOLTS, PICK UP & REMOVE WELL HEAD, INSTALL INJECTION TREE, TIGHTEN DOWN WELL HEAD BOLTS, PRESSURE CASING UP TO 1500 PSI



Well Name: Mon 41-8-9-16

Job Detail Summary Report

Start Time	12:30	End Time	17:30	Comment
Start Time	17:30	End Time	18:30	Comment
Report Start Date	10/29/2014	Report End Date	10/29/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	07:33	Comment
Start Time	07:33	End Time	08:33	Comment
Start Time	08:33	End Time	09:33	Comment
Start Time	09:33	End Time	10:03	Comment
Start Time	10:03	End Time	11:33	Comment
Start Time	11:33	End Time	12:03	Comment
Start Time	12:03	End Time	13:03	Comment
Start Time	13:03	End Time	14:03	Comment
Start Time	14:03	End Time	15:03	Comment
Report Start Date	10/30/2014	Report End Date	10/30/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Comment

WATCH PRESSURE ON CASING - 15 MIN LOST 50 PSI (12:45 PM), 20 MIN LOST 50 PSI (1 PM), 15 MIN LOST 25 PSI (1:15 PM), 15 MIN LOST 25 PSI (1:30 PM), 30 MIN LOST 25 PSI (1325 PSI @ 2:00 PM), 15 MIN LOST 25 PSI (2:15 PM), 15 MIN LOST 25 PSI (2:30 PM), 15 MIN LOST 25 PSI (2:45 PM), 15 MIN LOST 25 PSI (3:45 PM), 15 MIN LOST 25 PSI (3:15 PM), 15 MIN LOST 25 PSI (3:30 PM), 15 MIN LOST 25 PSI (3:45 PM), 15 MIN LOST 50 PSI (1100 PSI @ 4:00 PM) (4 1/2" LOST 400 PSI) PRESSURE CASING UP TO 1500 PSI @ 4:01 PM, 14 MIN LOST 25 PSI (4:15 PM), 15 MIN LOST 25 PSI (4:30 PM), 15 MIN LOST 25 PSI (4:45 PSI), 15 MIN LOST 25 PSI (1400 PSI @ 5:00 PM), 15 MIN LOST 0 PSI (5:15 PM), 15 MIN LOST 0 PSI (5:30 PM), 15 MIN LOST 0 PSI (5:45 PM), 15 MIN LOST 25 PSI (1375 PSI @ 6:00 PM), 15 MIN LOST 0 PSI (6:15 AM), 15 MIN LOST 0 PSI (1375 PSI @ 6:30 PM) (2 1/2 HOURS LOST 125 PSI) SHUT DOWN FOR NIGHT

CREW TRAVEL HOME FROM LOCATION

BLEED DOWN TUBING, NIPPLE DOWN WELL HEAD, NIPPLE UP BOP'S, POOH W/ TUBING CHANGE OUT PACKERS RIH W/ TUBING PRESSURE TEST TUBING

CREW TRAVEL TO LOCATION

SAFETY MEETING (BEING ALERT) CHECK PRESSURES, SICP - 1300 PSI, SITP 200 PSI, REMOVE 2 7/8" PUP SUB FROM INJECTION TREE, HOOK TUBING UP TO FLOW BACK TANK

FLOW TUBING DOWN (TO MINIMIZE MESS) (10:30 AM - 3 HRS FLOWED 150 BBLs), (5 HOURS FLOWED 220 BBLs) FLOW DECREASED BUT STILL FLOWING

NIPPLE DOWN WELL HEAD, ADD 2 7/8" X 8' N-80 PUP SUB W/ TIW VALVE, NIPPLE UP BOP'S (FUNCTION TEST PIPE RAMS & BLIND RAMS IN OPEN POSITION), RIG UP FLOOR & TUBING EQUIPMENT, UNSET PACKER @ 4202.9', REMOVE TIW VALVE, LAY DOWN 2 7/8" X 8' PUP SUB ADJUST CLUTCHES

PULL TO DERRICK W/ 131 JOINTS 2 7/8" J-55 TUBING, LAY DOWN 2 7/8" SEAT NIPPLE & 5 1/2" PACKER (TOP RUBBER WORN BAD, BOTTOM RUBBER HAD LITTLE WEAR TO IT) CLEANED UP PACKER & TEXT DUSTY W/ STACK THAT PACKER IS READY FOR PICK UP @ 2:35 PM

SPRAY OFF BLOCKS, BELLS, ELEVATORS, SLIPS, BOP'S, TUBING TONGS, TOOL TRAILER, RIG FLOOR, OPERATORS CONTROLS

MAKE UP 2 7/8" SEAT NIPPLE, ON/OFF TOOL, 5 1/2" (STACKS) PACKER, 2 7/8" X 2 3/8" CROSS OVER, 2 3/8" PUP SUB, 2 3/8" XN NIPPLE, RUN IN HOLE FROM DERRICK W/ 131 JOINTS 2 7/8" J-55 TUBING, ADD 2 7/8" X 8' PUP SUB

FLUSH TUBING W/ 25 BBLs @ 250 DEGREES DROP STAND VALVE & PUMP 20 BBLs TO SEAT STAND VALVE, PRESSURE TUBING TO 3100 PSI

WATCH PRESSURE ON TUBING, STARTING 3100 PSI, 15 MIN LOST 50 PSI (5:15 PM), 15 MIN LOST 50 PSI (5:30 PM), 15 MIN LOST 50 PSI (5:45 PM), 15 MIN LOST 50 PSI (6:00 PM) PRESSURE LEFT @ 2900 PSI LOST 200 PSI IN 1 HOURS SHUT DOWN FOR NIGHT

CREW TRAVEL HOME FROM LOCATION

R/D FLOOR, N/D BOP'S, SET PACKER, N/U WELL HEAD, PRESSURE UP ON CASING DO MIT TEST

CREW TRAVEL TO LOCATION



Well Name: Mon 41-8-9-16

Job Detail Summary Report

Start Time	07:00	End Time	07:30	Comment
Start Time	07:30	End Time	09:45	SAFETY MEETING (DRIVE SAFETY), SITP - 2400 PSI PRESSURE UP ON TUBING TO 3200 PSI WATCH PRESSURE ON TUBING, 45 MIN GAINED 50 PSI (8:15 AM), 45 MIN GAINED 50 PSI (9:00 AM), 45 MIN GAINED 0 PSI - GOOD TEST (9:45 AM)
Start Time	09:45	End Time	10:30	Comment
Start Time	10:30	End Time	12:30	RUN IN HOLE TO STANDING VALVE W/ BABY RED FISHING TO 4213', LATCH ONTO STANDING VALVE, COME OUT OF HOLE, RIG DOWN STAND VALVE Comment
Start Time	12:30	End Time	13:00	FLOW TUBING TO ZUBIATE FLOW BACK TANK FLOWED 248 BBLS BACK Comment
Start Time	13:00	End Time	13:30	RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, REMOVE 2 7/8" X 8' PUP SUB NIPPLE UP WELL HEAD Comment
Start Time	13:30	End Time	14:00	PUMP DOWN PACKER FLUID, FLUSH CASING W/ 60 BBLS @ 90 DEGREES Comment
Start Time	14:00	End Time	14:30	FLUSH TUBING TO ZUBIATE FLOW BACK TA Comment
Start Time	14:30	End Time	17:00	NIPPLE DOWN WELL HEAD, ADD 2 7/8" X 8' PUP SUB, SET PACKER TOP OF PACKER @ 4216' W/ 17K# TENTION, REMOVE 8' PUP SUB, NIPPLE UP WELL HEAD, PRESSURE CASING TO 1520 PSI Comment
Start Time	17:00	End Time	18:00	WATCH PRESSURE ON CASING, 30 MIN LOST 80 PSI (3:00 PM), 30 MIN LOST 60 PSI (3:30 PM), 45 MIN LOST 60 PSI (4:15 PM), 45 MIN LOST 40 PSI (1280 PSI @ 5:00 PM) LOST 240 PSI IN 2 1/2" HOURS, PRESSURE UP CASING TO 1520 PSI SHUT DOWN FOR DAY Comment
Report Start Date	10/31/2014	Report End Date	10/31/2014	CREW TRAVEL HOME FROM LOCATION
Start Time	06:00	End Time	07:00	Comment
Start Time	07:00	End Time	07:30	MOVE RIG TO NEW LOCATION FEDERAL 15-23-9-16 CREW TRAVEL TO LOCATION Comment
Start Time	07:30	End Time	09:00	SAFETY MEETING (PRESSURE HAZARDS), CHECK PRESSURE SICP - 1225 PSI (LOST 295 PSI OVER NIGHT Comment
Start Time	09:00	End Time	09:45	PRESSURE UP CASING TO 1500 PSI, WATCH PRESSURE ON CASING, 30 MIN LOST 0 PSI (8:00 AM), 30 MIN LOST 0 PSI(8:30 AM), 30 MIN LOST 0 PSI (9:00 AM) TEXTED FORMAN @ 9:00 AM FOR MIT TEST Comment
Start Time	09:45	End Time	10:15	WATCH PRESSURE ON CASING WHILE WAITING FOR PUMPER TO SHOW UP FOR MIT TEST Comment
Start Time	10:15	End Time	11:30	RIG UP PUMPER, PREFORM MIT TEST ON CASING, STARTING PRESSURE 1500 PSI, ENDING 1496 PSI - 4 PSI LOSS, PUMPER CALLED FORMAN - GOOD TEST, RIG DOWN PUMPER Comment
Report Start Date	11/4/2014	Report End Date	11/4/2014	PUT STUFF AWAY ON TOOL TRAILER, DROP GUIDED WIRES, RIG DOWN, PREP TO MOVE RIG TO NEW LOCATION FEDERAL 15-23-9-16 Comment
Start Time	10:50	End Time	11:20	On 11/03/2014 Richard Powell with the State of Utah was contacted concerning the MIT on the above listed well. On 11/04/2014 the csg was pressured up to 1383 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1000 psig during the test. There was not a State representative available to witness the test.