

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-3453-B
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: n/a
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: Beluga Unit
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name: Monument State
3. Address and Telephone Number: 1601 Lewis Avenue; Billings, MT 59102		9. Well Number: #23-16-9-17B
4. Location of Well (Footages) At Surface: NE SW Section 16, T9S, R17E 1980' FSL, 1980' FWL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Monument Butte/Grn.Rvr.
11. Ctr/Ctr, Section, Township, Range, Meridian: NE SW 16, T9S, R17E		
14. Distance in miles and direction from nearest town or post office: From Myton, Utah, approximately 14.7 miles SW		12. County: Duchesne
		13. State: UTAH
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	17. Number of acres assigned to this well:
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,550'	20. Rotary or cable tools: Rotary
21. Elevations (show whether DF, RT, GR, etc.): GL 5299'		22. Approximate date work will start: February 5, 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

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

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

As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

ORIGINAL: Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

24. Name & Signature: Bobbie Schuman *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: 11-30-95

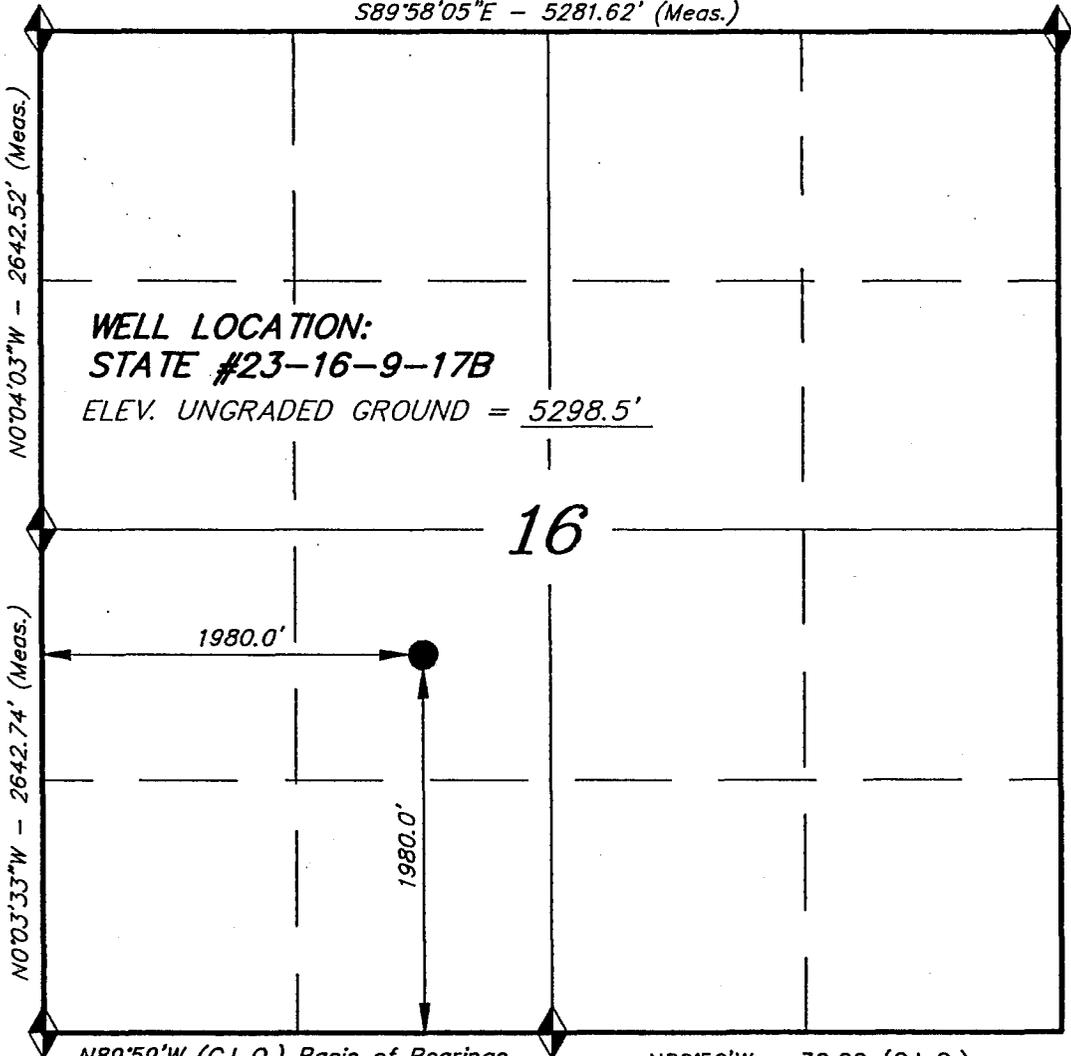
API Number Assigned: 43-013-31578 Approval: 1/3/96 *[Signature]*

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, STATE #23-16-9-17B,
 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4
 OF SECTION 16, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.

EXHIBIT "K"



WELL LOCATION:
STATE #23-16-9-17B
 ELEV. UNGRADED GROUND = 5298.5'

16

1980.0'

1980.0'

N89°59'W (G.L.O.) Basis of Bearings
 2639.31' - Measured

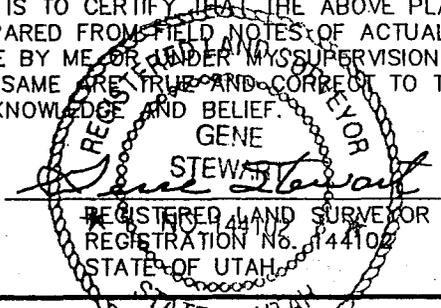
N89°59'W - 39.99 (G.L.O.)



= SECTION CORNERS LOCATED
 BASIS OF BEARINGS; G.L.O. DATED 1910
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)



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

SCALE: 1" = 1000'	SURVEYED BY: S.S. G.O. K.S.
DATE: 10-26-95	WEATHER: COOL
NOTES:	FILE #



State of Utah
Division of Oil, Gas & Mining (OGM)

**ON-SITE PREDRILL EVALUATION AND REVIEW
FOR
APPLICATION FOR PERMIT TO DRILL (APD)**

OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

WELL NO.
MONUMENT STATE #23-16-9-17B

LEASE NO.
ML - 3453 - B

API No.
43-013-31578

LEASE TYPE
State Fee

PROPOSED LOCATION

$\frac{1}{4}/\frac{1}{4}$ NE SW	SECTION 16	TOWNSHIP 9 S	RANGE 17 E
COUNTY DUCHESNE		FIELD MONUMENT BUTTE 105	
SURFACE 1980 FSL 1980 FWL			
BOTTOM HOLE SAME AS SURFACE LOCATION			
GPS COORDINATES 584204 E 4431264 N			

SURFACE OWNER
STATE OF UTAH

SURFACE AGREEMENT Yes No CONFIDENTIAL Yes No

LOCATING AND SITING

UAC R649-2-3. Unit

UAC R649-3-2. General

UAC R649-3-3. Exception

UCA 40-6-6. Drilling Unit -- Cause No.

DRILLING PROGRAM

The following information should be included in the Application for Permit to Drill submitted.

- 1 Surface Formation and Estimated Tops/Geologic Markers
- 2 Estimated Depths and Names of Anticipated Water, Oil, Gas or other Mineral Bearing Formations

(All fresh water sands encountered during drilling shall be recorded and reported to the Division on Form 7.)
- 3 Well Control Equipment & Testing Procedures
- 4 Proposed Casing and Cementing Program
- 5 Mud Program, Circulating Medium, and Monitoring equipment
- 6 Coring, Testing, and Logging Program
- 7 Expected Bottom Hole Pressures and any anticipated Abnormal Pressures, Temperatures or Potential Hazards such as hydrogen sulfide, expectations and contingency plans for mitigating identified hazards
- 8 Any other information relative to the proposed operation.

Onsite Participants:

Danny Farnsworth (Equitable Resources); Dennis L. Ingram (DOGM); David Hackford (DOGM).

Regional Setting/Topography:

Set in arid desert habitat on north of wash just south of Pariette Bench. A dry stream bed exists approximately 300 feet to the south. The surface dips gently toward the southeast but is basically flat.

SURFACE USE PLAN:

Current Surface Use: Domestic Livestock grazing and wildlife use.

Proposed Surface Disturbance: 275' x 225' or 61,875 for location. 1584'x 18' or 28,512 for road. Total land use approximately 2 acres.

1. Existing Roads Highway 40 to Myton turnoff south on Sand Wash Road to oil Field access roads in Monument Butte.
2. Planned Access Roads - include length of new road, length of existing road to be upgraded, maximum disturbed and travel surface widths, maximum grades, turnouts, surface materials, drainage, cattleguards 0.3 miles of new access Road will be required.
3. Location of existing wells within one-mile radius of proposed location, include water, injection, producing, drilling with present status of each well see the attached map from the GIS Database
4. Location of Production Facilities and Pipelines. Pipelines are already in Place. Production facilities will be on the location.
5. Location and Type of Water Supply (include Division of Water Rights approval or identifying number). Water will be supplied by truck to the location while Drilling operations are underway.
6. Source of Construction Material. Materials will be borrowed from location Spoil.
7. Waste Management Plan. See part 7 of the surface use plan of the APD. This Plan appears to be complete.
8. Ancillary Facilities. None will be required.

9. Well Site Layout. See the attached plat labeled as Exhibit bLp.

10. Surface Restoration Plans. As required by the Division of State Lands.

ENVIRONMENTAL PARAMETERS:

Affected Floodplain and/or Wetlands:

A 404 dredge and fill permit may be required if this site is in or adjacent to a wetland or other established drainage or floodplain. (Contact the Army Corps of Engineers if there are concerns of this nature) No.

Flora/Fauna:

Briefly describe the flora found on the proposed site and the fauna evidenced or sighted on or near the proposed location Vegetative cover consists of shadscale community species: bladderpod, shadscale, greasewood, and bunch grass. No track evidence but is antelope, rabbit, coyote, small birds, raptors, reptiles, and insect habitat.

SURFACE GEOLOGY

Soil Type and Characteristics: Very fine grained, buff colored sand that contains a moderate amount of Pleistocene gravel.

Surface Formation & Characteristics: Uinta Formation of Upper Eocene Age.

Erosion/Sedimentation/Stability: Minor erosion, minor sedimentation, no stability problems anticipated.

Paleontological Potential Observed: None observed on presite visit.

RESERVE PIT

Characteristics: Reserve pit measured 100'x 75'x 8' and is in cut.

Lining (Site ranking form attached): 20 points.

OTHER OBSERVATIONS

Cultural Resources/Archaeology (if proposed location is on State land, has an archaeology clearance been obtained?): "An Archaeology Survey has been ordered and will be provided as soon as it is completed," states Equitable Resources.

Comments: Ground was 100 percent open (no snow cover) on visit. No problems here.

Dennis L. Ingram
OGM Representative

11/8/95 at 2:00 pm
Date and Time

STATEMENTS OF BASIS

OGM Review of Application for Permit to Drill (APD)

Company: EQUITABLE RESOURCES

Well Name: MONUMENT STATE 23-16-9-17B

ENGINEERING/LOCATING and SITING:

The proposed location meets the location and siting requirements of R649-3-2. The application and proposed casing and drilling plan appear to be consistent with accepted industry standards of practice and sound engineering design. A casing design safety check is attached. Blow out prevention and monitoring/contingency plans are adequate.

Signature: F. R. Matthews Date: 1/3/96

GEOLOGY/GROUND WATER:

The proposed casing and cement program will adequately protect any water encountered.

Signature: D. Jarvis

Date: 1/3/96

SURFACE:

The pre-site investigation of the surface has been performed by field personnel. All applicable surface management agencies and land owners have been notified and their concerns accommodated where reasonable and possible.

Signature: Dennis L. Ingram

Date: 12/12/95

STIPULATIONS for APD Approval:

- 1. A pit liner of 12 Mils thickness minimum shall be required.
- 2. No other access roads are developed without approval by State Lands.
- 3.
- 4.

ATTACHMENTS:

- 1. Photographs of well site in predrill status.

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

Site-Specific Factors	Ranking Score	Final Ranking Score
Distance to Groundwater (feet) >200 100 to 200 75 to 100 25 to 75 <25 or recharge area	0 5 10 15 20	5
Distance to Surf. Water (feet) >1000 300 to 1000 200 to 300 100 to 200 < 100	0 2 10 15 20	0
Distance to Nearest Municipal Well (feet) >5280 1320 to 5280 500 to 1320 <500	0 5 10 20	0
Distance to Other Wells (feet) >1320 300 to 1320 <300	0 10 20	0
Native Soil Type Low permeability Mod. permeability High permeability	0 10 20	10

Fluid Type Air/mist Fresh Water TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	0 5 10 15 20	5
Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches) <10 10 to 20 >20	0 5 10	0
Affected Populations <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits Not Present Unknown Present	0 10 15	0

Final Score	20 points
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The summation of all of the above ranking scores will yield one value which shall be used to determine the appropriate type of containment, on a case-by-case basis. The sensitivity levels are as follows:

- Level I Sensitivity: For scores totaling ≥ 20
- Level II Sensitivity: For scores totaling 15 to 19
- Level III Sensitivity: For scores totaling < 15

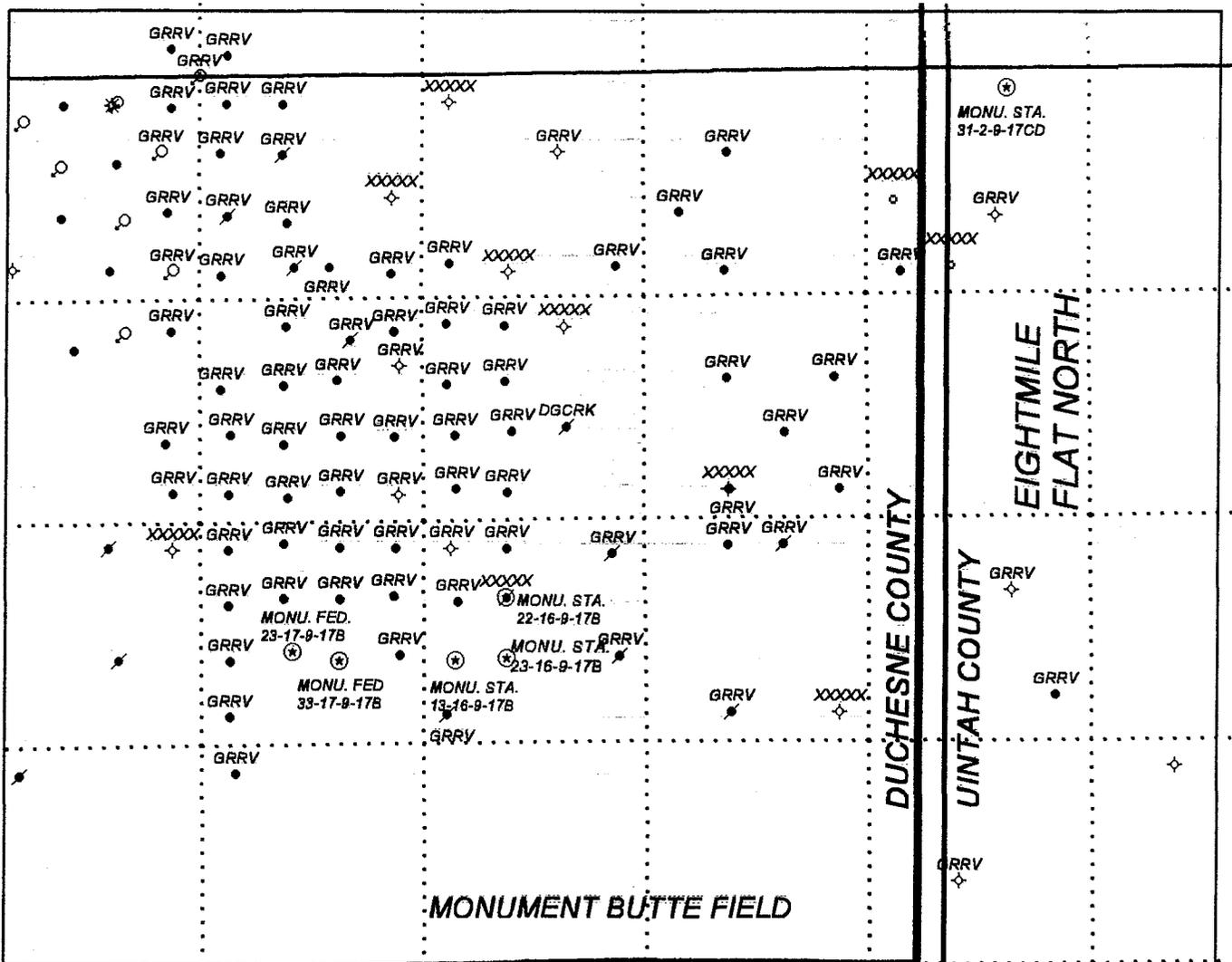
Containment Requirements According to Sensitivity Level

- Level I: Requires total containment by synthetic liner, concrete structure or other type of total containment structure or material.
- Level II: Bentonite or other compatible lining is discretionary depending on the fluid to be contained and environmental sensitivity.
- Level III: No specific lining requirements.

OTHER GUIDELINES FOR PITS

1. Unlined pits shall not be constructed on areas of fill materials.
2. A pit shall not be constructed in a drainages or floodplain of flowing or intermittent streams.
3. Synthetic liners used for lining reserve pits, shall be of 12 mil thickness or greater and shall be compatible with the fluid to be contained. Synthetic liners used for lining onsite pits with a longer expected life shall be a minimum of 30 mil thickness or as approved by the Division.
4. Synthetic liners shall be installed over smooth fill material which is free of pockets, loose rocks or other materials which could damage the liner.
5. Monitoring systems for pits or closed mud systems may be required for drilling in sensitive areas.

Field: MONUMENT BUTTE & EIGHT MILE FLAT NORTH
Formation: GREEN RIVER
County: DUCHESNE & UINTAH
Field No.: 105 & 570
State Spacing: R649-3-2 & R649-3-3



STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: EQUITABLE RESOURCES CO	Well Name: MON STATE 23-16-9-17E
Project ID: 43-013-31578	Location: SEC. 16 - T09S - R17E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2202 psi
 Internal gradient (burst) : 0.066 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,550	5.500	15.50	K-55	ST&C	5,550	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2566	4040	1.574	2566	4810	1.87	86.03	222	2.58 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 12-19-1995
 Remarks :

Minimum segment length for the 5,550 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 115°F (Surface 74°F , BHT 152°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,566 psi, respectively.

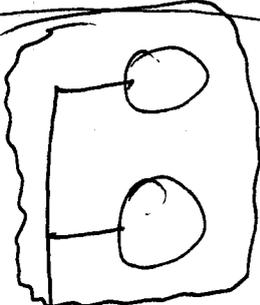
NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension,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

EQUITABLE RESOURCES
MS# 23-16-9-17B
SEC. 16 ; T9S ; R16E
43-013-31578

POW
5/2/96
DL

EAST
↑

Bermed
AREA



2-400
OILTANKS



TREATED

OPEN
RESERVE
PIT.

Pump
Jack



WELLHEAD

↑

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





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

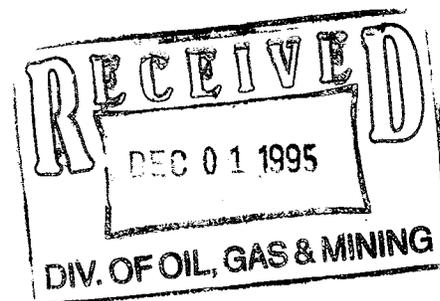
November 30, 1995

-- VIA FEDERAL EXPRESS --

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Monument State #23-16-9-17B
NE SW Section 16, T9S, R17E
Duchesne County, Utah



Enclosed is our Application for Permit to Drill the referenced well. As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

Our Production Supervisor, Dan Farnsworth, will be contacting your representative in the area to set up an onsite inspection of this location.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure

cc: Dan Farnsworth

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-3453-B
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: n/a
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: Beluga Unit
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name: Monument State
3. Address and Telephone Number: 1601 Lewis Avenue; Billings, MT 59102		9. Well Number: #23-16-9-17B
4. Location of Well (Footages) At Surface: NE SW Section 16, T9S, R17E 1980' FSL, 1980' FWL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Monument Butte/Grn.Rvr.
14. Distance in miles and direction from nearest town or post office: From Myton, Utah, approximately 14.7 miles SW		11. Ctr/Qtr, Section, Township, Range, Meridian: NE SW 16, T9S, R17E
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	12. County: Duchesne
17. Number of acres assigned to this well:	13. State: UTAH	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,550'	20. Rotary or cable tools: Rotary
21. Elevations (show whether DF, RT, GR, etc.): GL 5299'	22. Approximate date work will start: February 5, 1996	

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

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

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

As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

ORIGINAL: Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

RECEIVED
 DEC 01 1995
 DIV. OF OIL, GAS & MINING

24. Name & Signature: <u>Bobbie Schuman <i>Bobbie Schuman</i></u>	Title: <u>Regulatory and Environmental Specialist</u> Date: <u>11-30-95</u>
---	---

API Number Assigned: 43-013-31578

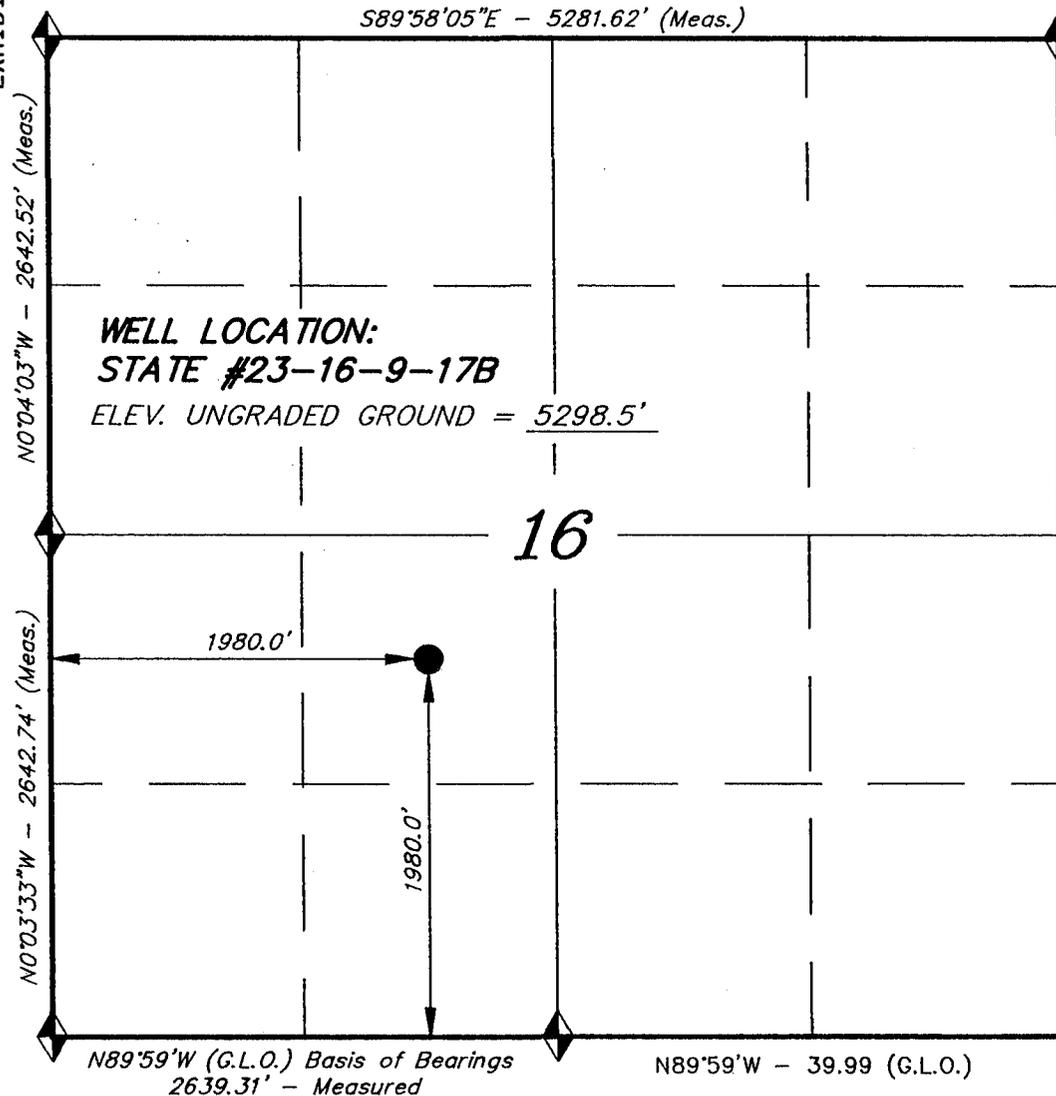
Approval:

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, STATE #23-16-9-17B,
 LOCATED AS SHOWN IN THE NE 1/4 SW 1/4
 OF SECTION 16, T9S, R17E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.

EXHIBIT "K"



N0°02'W (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.

REGISTERED LAND SURVEYOR
 GENE STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 144102
 STATE OF UTAH



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1910

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

TRI STATE LAND SURVEYING & CONSULTING

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

SCALE: 1" = 1000'

SURVEYED BY: S.S. G.O. K.S.

DATE: 10-26-95

WEATHER: COOL

NOTES:

FILE #

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

11/30/95
/rs

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

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument State #23-16-9-17B
NE SW Section 16, T9S, R17E
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.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Monument State #23-16-9-17B
NE SW Section 16, T9S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 11.5 miles to a road intersestion. Turn left and continue 0.9 miles to a road intersection. Turn left and proceed 1.2 miles to proposed access road sign. Follow flags 0.2 miles to proposed #13-16-9-17B location. Continue following flags 0.3 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

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

- a. Approximately 0.3 miles of new access is required.
- b. All travel will be confined to location and access routes.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

See EXHIBIT "J" for the Proposed Production Facility layout.

5. WATER SUPPLY:

The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

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

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

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

8. ANCILLARY FACILITIES:

None are anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G".
- d. No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- e. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The State will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

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

11. SURFACE OWNERSHIP:

State of Utah
355 West North Temple
3 Triad Center
Salt Lake City, UT 84180

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the State.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the State Division of Oil, Gas and Mining conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

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

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

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



DRILLING PROGRAM

WELL NAME: Monument State 23-16-9-17 B
 PROSPECT/FIELD: Beluga Unit
 LOCATION: NE/SW Section 16 Twn.9S Rge.17E
 COUNTY: Duchesne
 STATE: Utah

DATE: 11-29-95

TOTAL DEPTH: 5550

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 5550'

CASING	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
STRING TYPE					
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5550'	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.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: State 23-16-9-17B
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2040 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,550	5-1/2"	15.50	K-55	ST&C	5,550	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2595	4040	1.557	2595	4810	1.85	86.03	222	2.58 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1995
 Remarks :

Minimum segment length for the 5,550 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,595 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

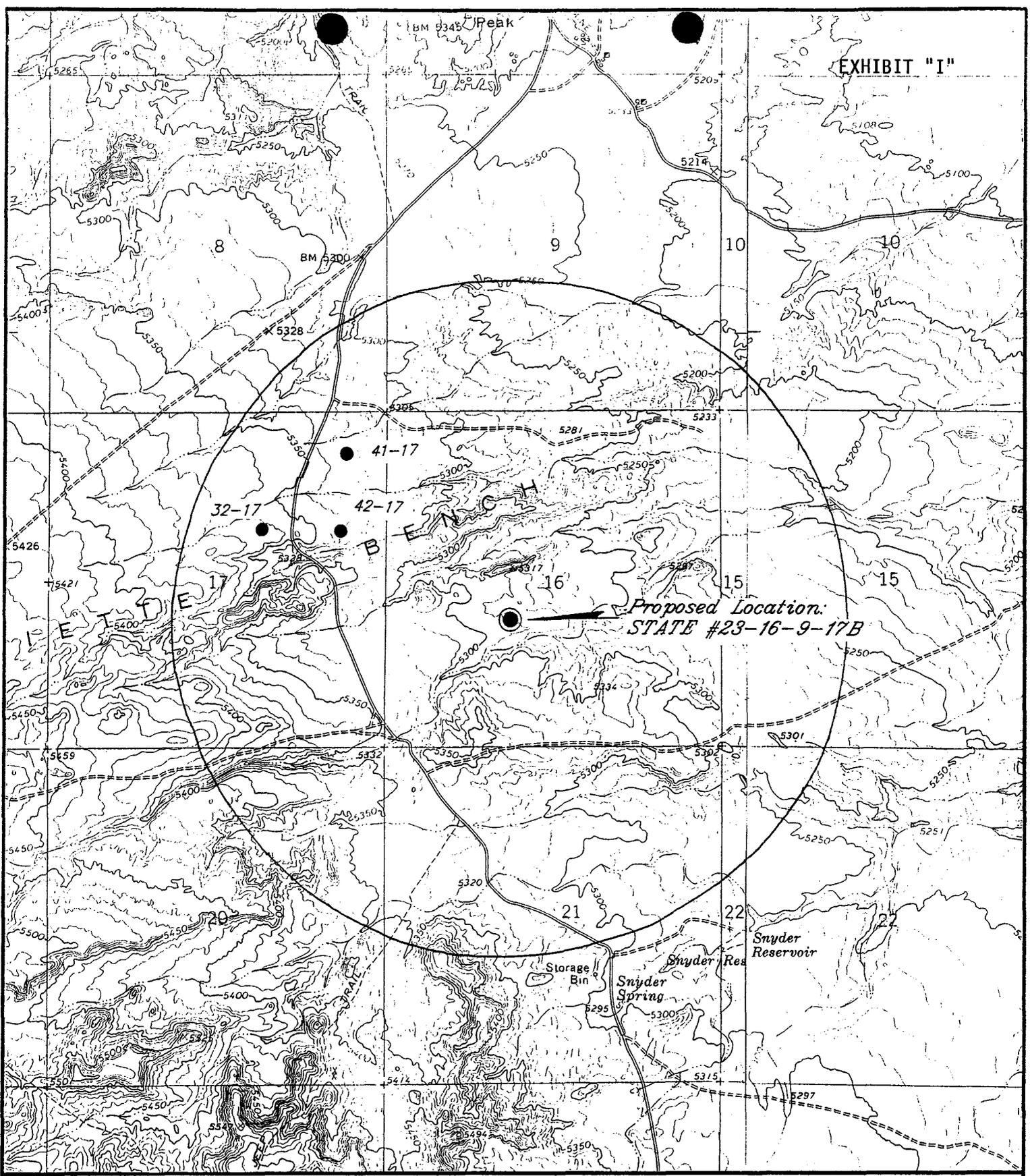
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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 (per Howard Cleavinger 11/30/93) of 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.

12/1/93
Revised 12/7/93
/rs



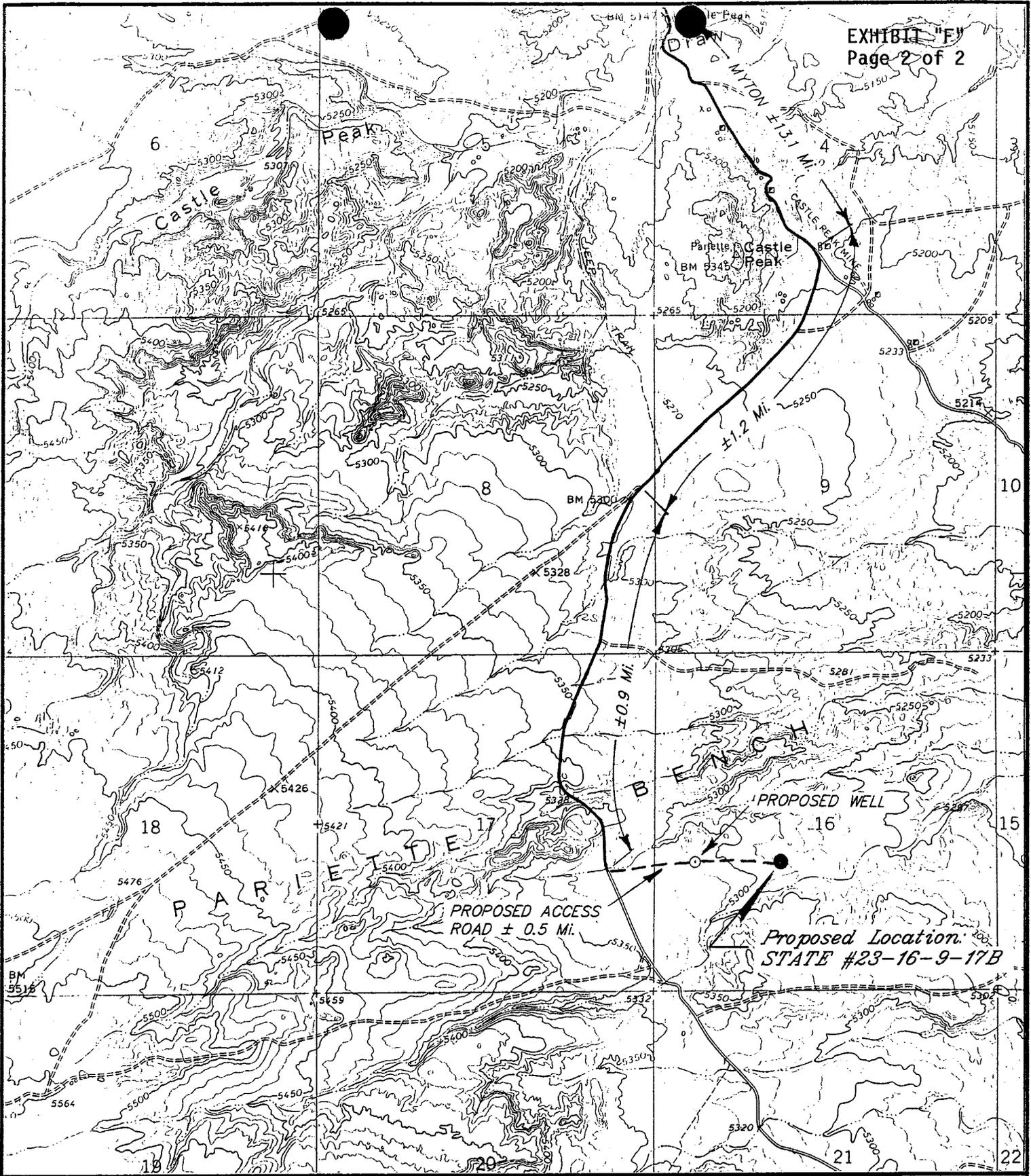
EQUITABLE RESOURCES CO.

STATE #23-16-9-17B
SEC. 16, T9S, R17E, S.L.B.&M.
TOPO "C"



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

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

STATE #23-16-9-17B
SEC. 16, T9S, R17E, S.L.B.&M.
TOPO "B"

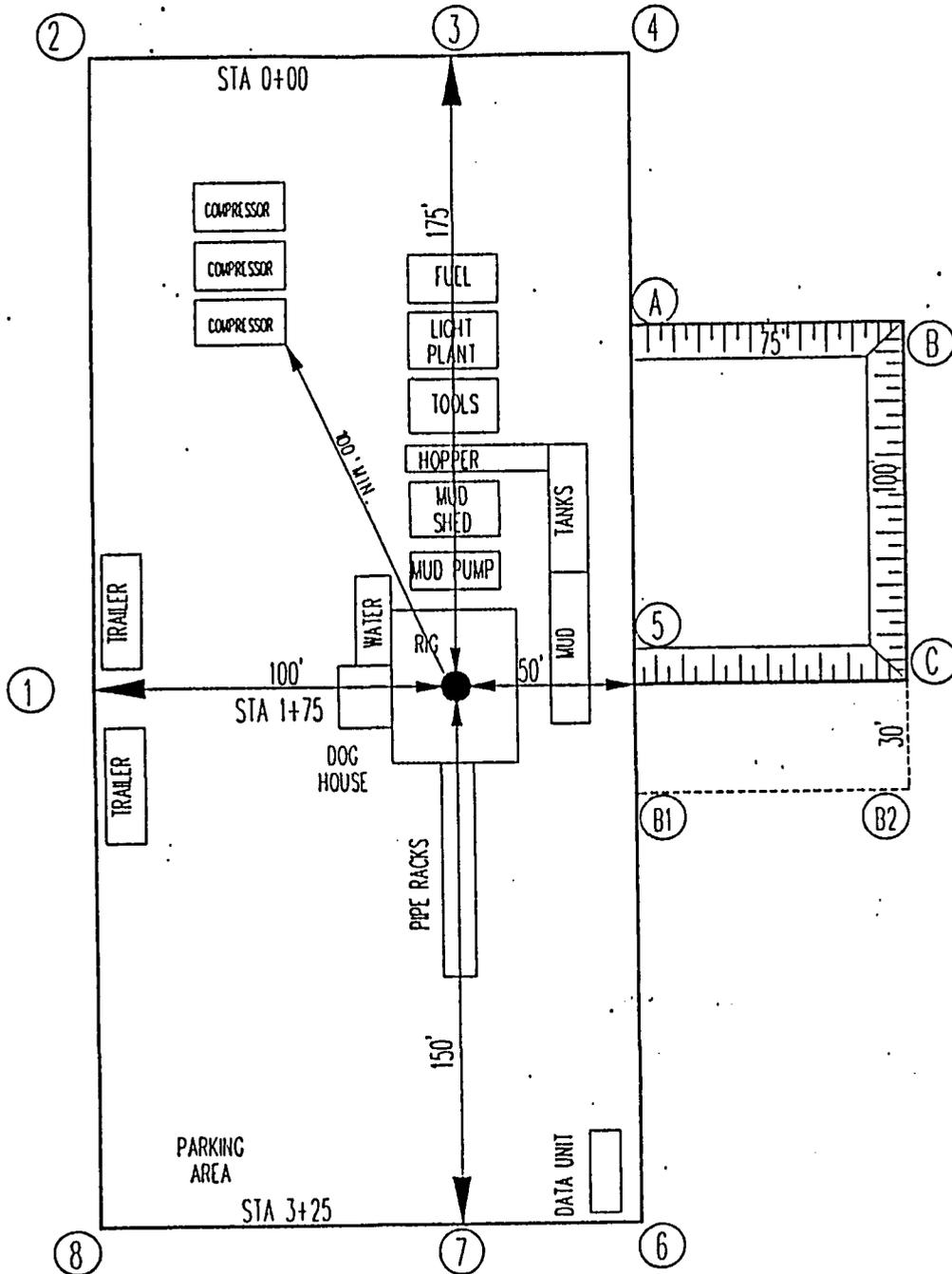


SCALE: 1" = 2000'

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

38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



UNION DRILLING RIG #17 Hex Kelly -

ROTATING HEAD

AIR BOWL

#3000
BLIND RAM-PIPL.RAM

3" GATE VALVE

ADJ. CHOKE

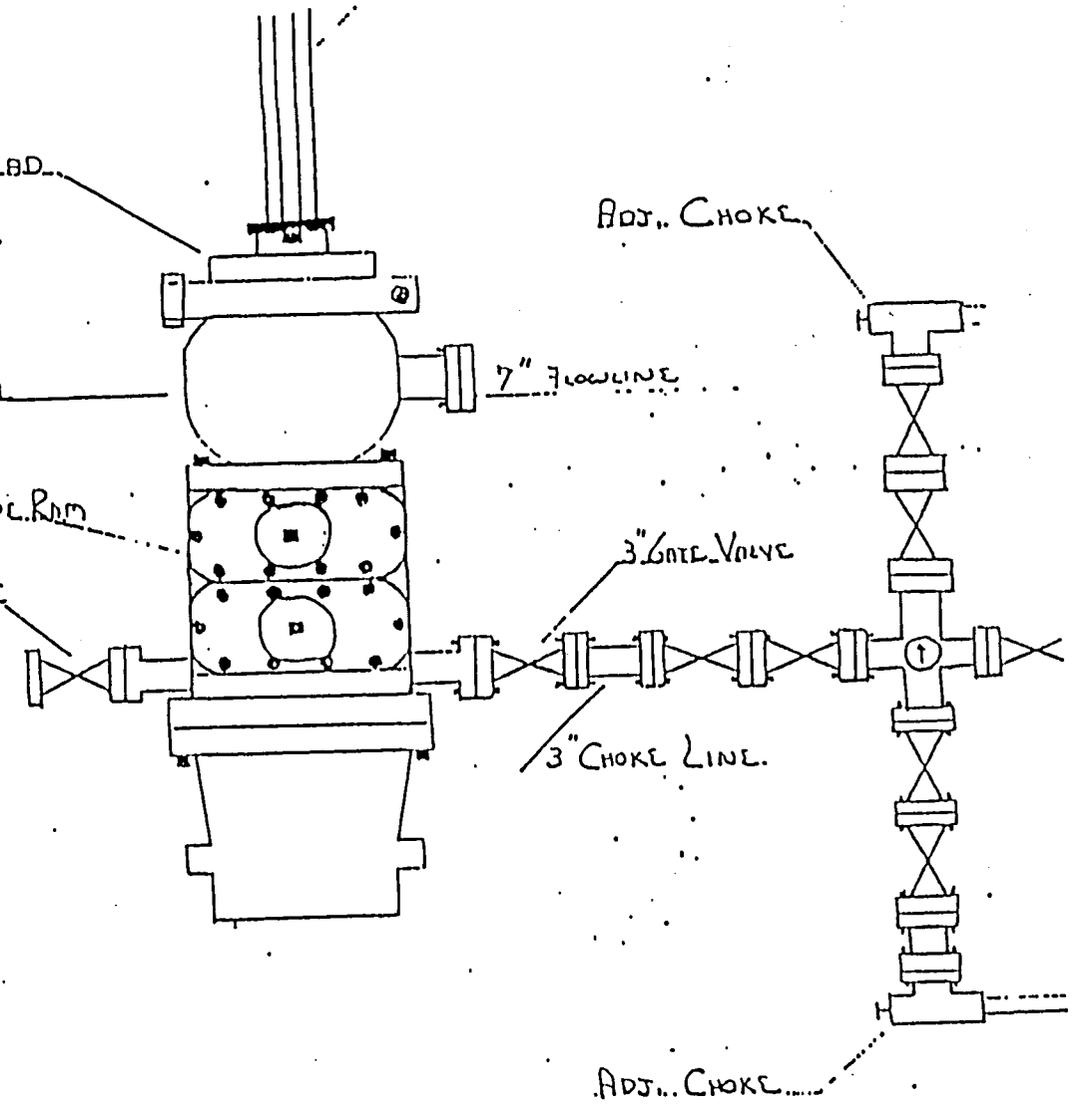
7" FLOWLINE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK



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

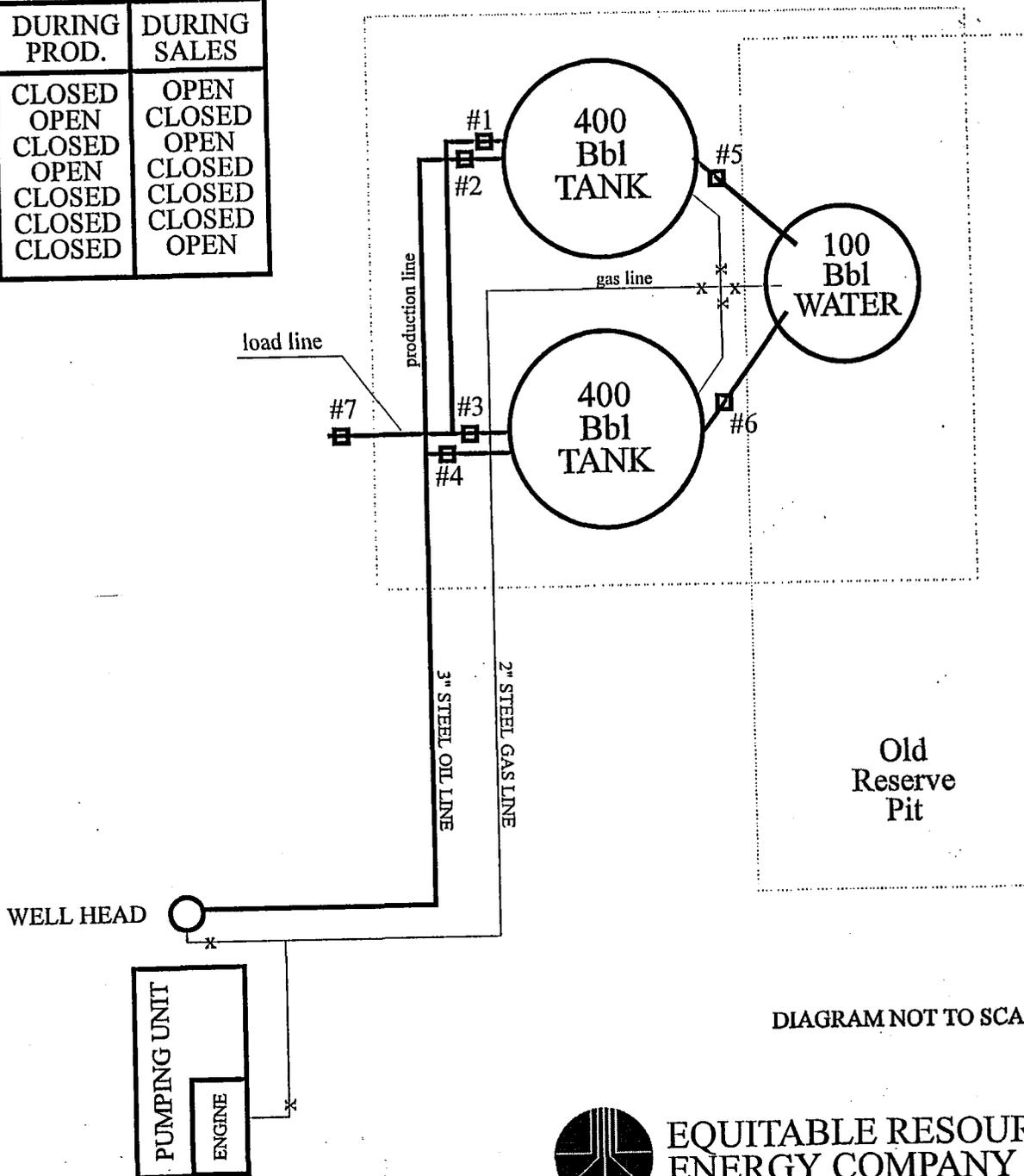


DIAGRAM NOT TO SCALE



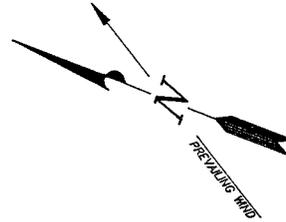
**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

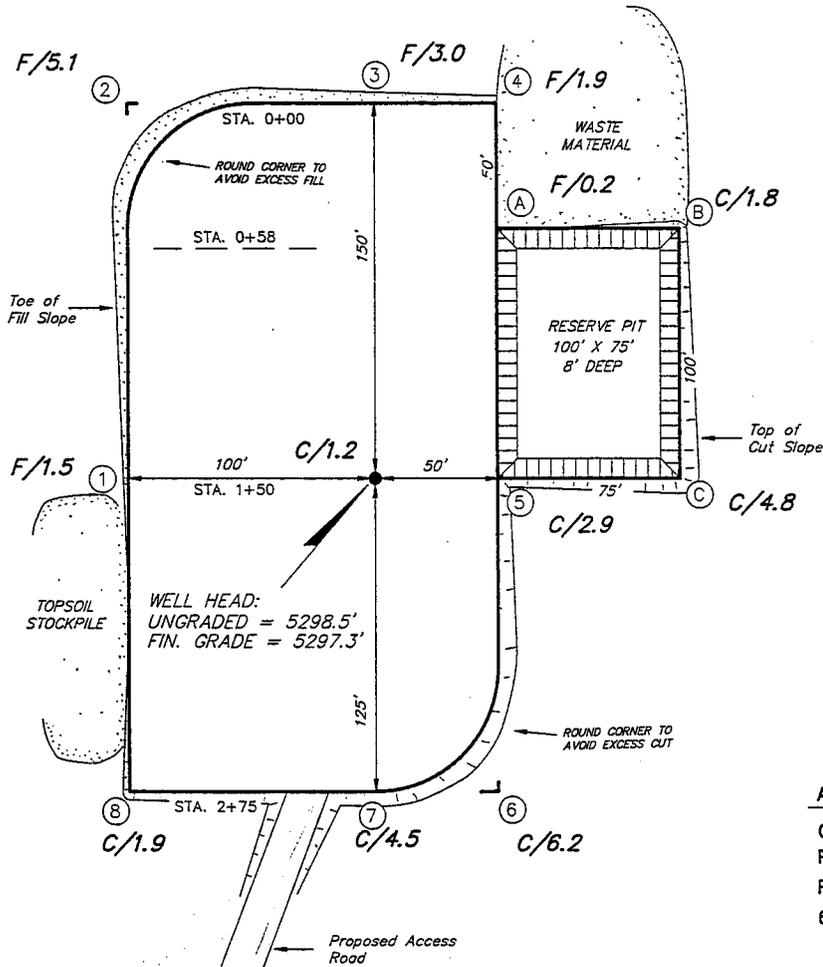
1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

STATE #23-16-9-17B
SECTION 16, T9S, R17E, S.L.B.&M.



SCALE: 1" = 50'



REFERENCE POINTS

- 150' NORTHWEST = 5294.7'
- 200' NORTHWEST = 5293.4'
- 200' NORTHEAST = 5293.1'
- 250' NORTHEAST = 5291.7'

APPROXIMATE YARDAGES

- CUT = 1,880 Cu. Yds.
- FILL = 1,870 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.

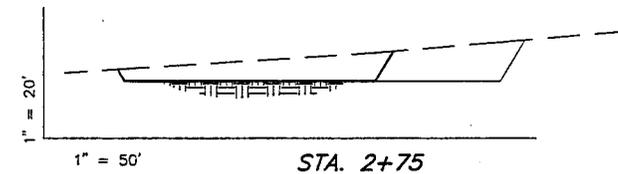
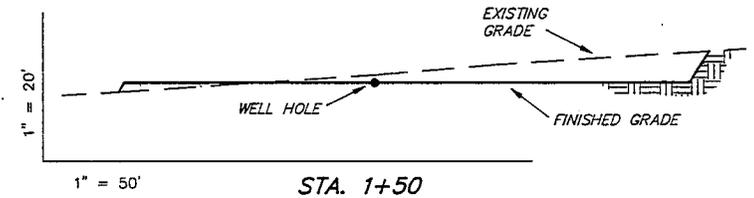
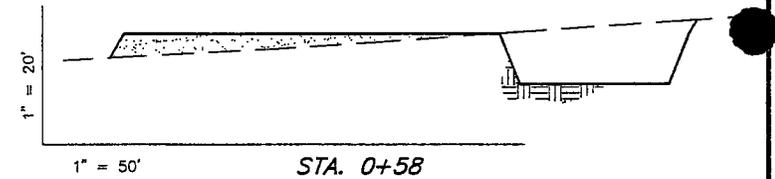
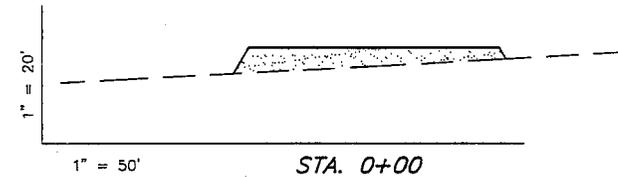


EXHIBIT "L"

SURVEYED BY: S.S. G.O.

DRAWN BY: J.R.S.

DATE: 10-26-95

SCALE: 1" = 50'

FILE:

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

**CULTURAL RESOURCE EVALUATION
OF FOUR PROPOSED WELL LOCATIONS & ACCESS ROUTES
IN THE CASTLE PEAK DRAW LOCALITY
UINTAH & DUCHESNE COUNTIES, UTAH**

Report Prepared for Balcron Oil Division
(Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17, 23-16-9-17)

Dept. of Interior Permit No.: UT-95-54937
AERC Project 1512 (BLCR-95-8A)

AP-013-31578

Utah State Project No.: UT-95-AF-664b,s

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
Bountiful, Utah 84010

January 19, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of four proposed well locations (Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17 and 23-16-9-17) and their 1.6 miles of associated access routes situated on Utah State lands and public lands (BLM: Vernal District). This project area is located in the Castle Peak Draw locality of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 59.4 acres. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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GENERAL INFORMATION

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved four proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 3). These four well locations include Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17 and 23-16-9-17. About 1.6 miles of access routes (see Maps 2 and 3) were also examined for cultural resource presence. All four locations and 1.4 miles of access route (57 acres) are situated on Utah State lands. Portions of two access routes totaling .2 mile (2.4 acres), as shown on Map 3, are on public lands administrated by the Vernal District of the Bureau of Land Management. A total of 59.4 acres was examined; 57 acres on Utah State lands and 2.4 acres are on public lands.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Utah division of State Lands and Forestry and to the State Antiquities Section, Division of State History.

Project Location

The project location is in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah. One location (Monument State Unit 31-2-9-17) is in Uintah County and is shown on the Pariette Draw SW topographic quad (see Map 2). The other three locations are in Duchesne County and are situated on the Myton SE 7.5 minute topographic quad (see Map 3).

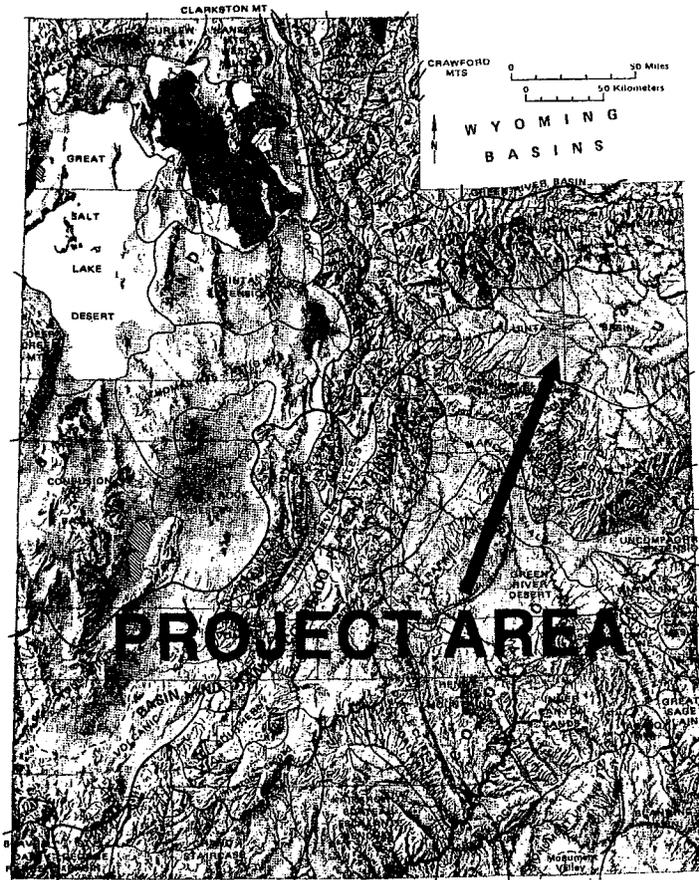
Monument State Unit 31-2-9-17 is situated in the Northwest quarter of the Northeast quarter of Section 2, Township 9 South, Range 17 East (see Map 2). Access to this location begins in the SE quarter of the NW quarter of that section and proceeds in a northerly and easterly course to the staked well pad.

Monument State Unit 13-16-9-17B is situated in the Northwest quarter of the Southwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location

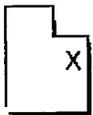
MAP 1: GENERAL PROJECT LOCALITY
IN
UINTAH AND DUCHESNE COUNTIES
UTAH



PROJECT: BLCR - 95 - 8A
SCALE: see below
QUAD: see below
DATE: January 18, 1996



UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES



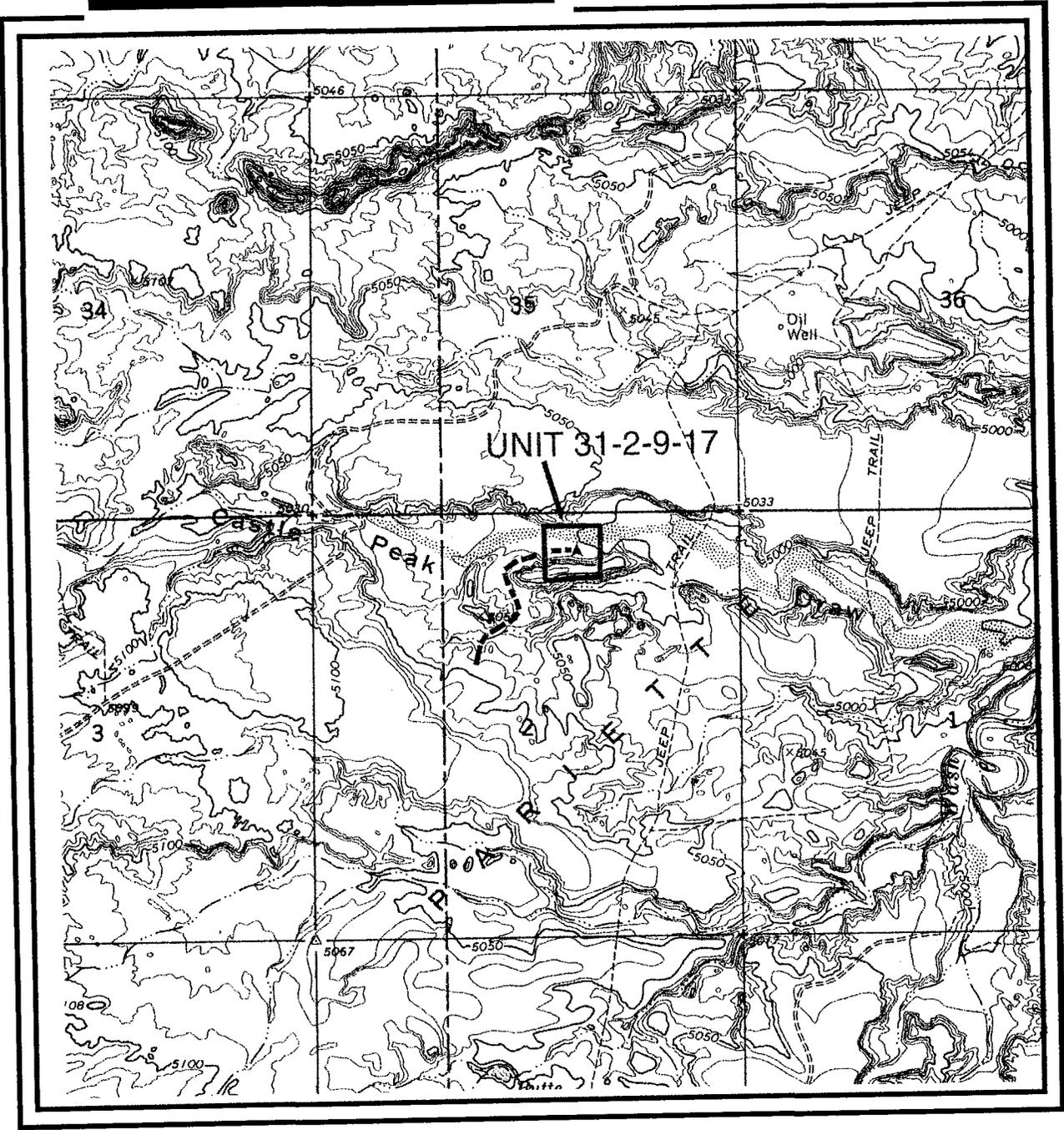
UTAH

TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY
OF BALCRON LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE & Uintah COUNTIES
UTAH**



PROJECT: BLCR - 95 - 8A
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: January 18, 1996



LEGEND

TOWNSHIP: 8 & 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location ▲
Access Route ———

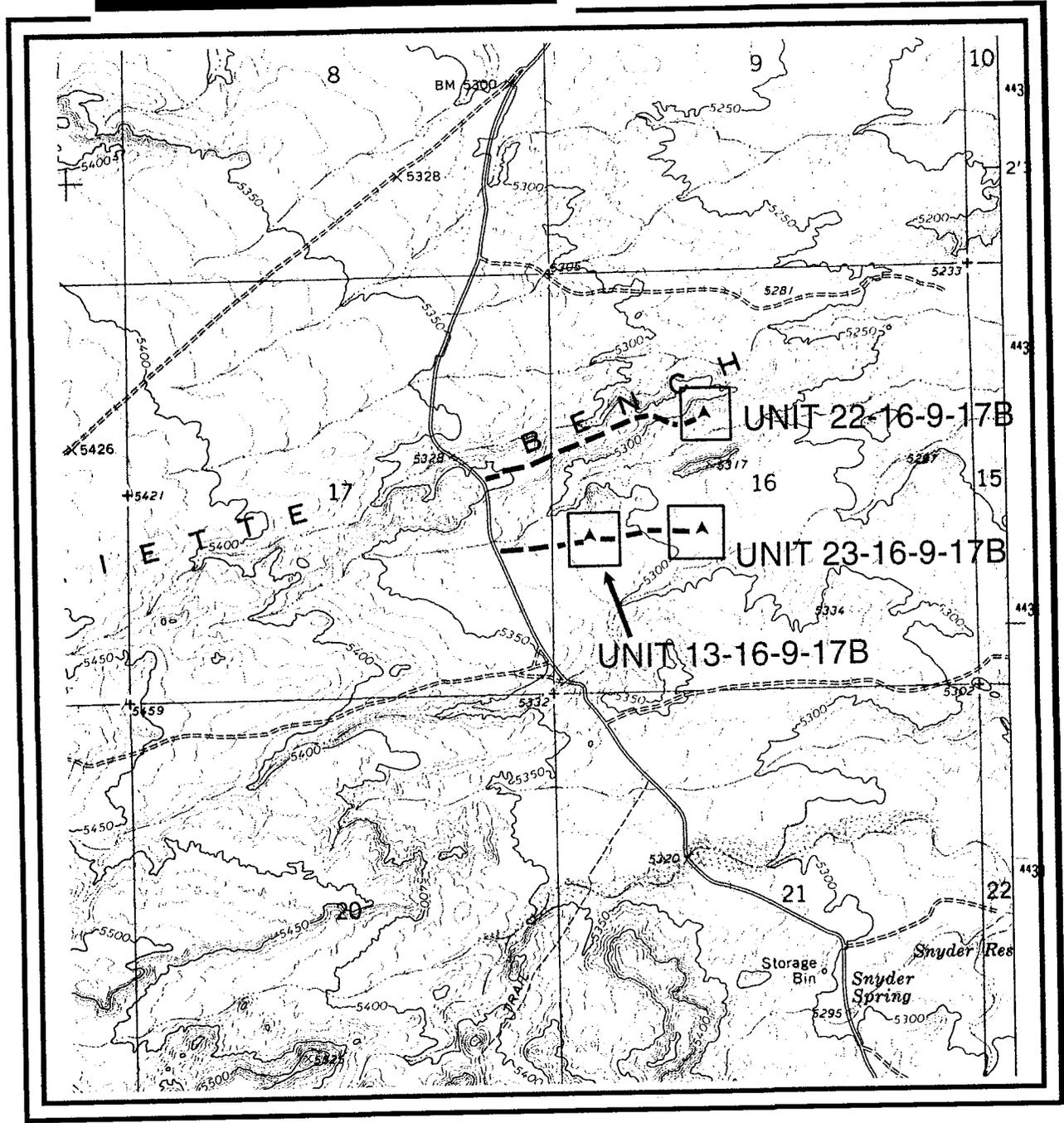
Ten Acre Survey Area □



**MAP 3: CULTURAL RESOURCE SURVEY
OF BALCRON LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE & Uintah COUNTIES
UTAH**



PROJECT: BLCR - 95 - 8A
SCALE: 1:24,000
QUAD: Myton SE, Utah
DATE: January 18, 1996



LEGEND

TOWNSHIP: 9 South
RANGE: 17 East
MERIDIAN: Salt Lake B. & M.

Well Location ▲
Access Route - - - - -

Ten Acre Survey Area □



begins on public lands in the Northeast quarter of the Southeast quarter of adjacent Section 17 and proceeds east to the staked well pad.

Monument State Unit 22-16-9-17B is situated in the Southeast quarter of the Northwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location begins on public lands in the Southeast quarter of the Northeast quarter of adjacent Section 17 and proceeds in a northeasterly direction to the staked well pad.

Monument State Unit 23-16-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location begins on public lands in the Northeast quarter of the Southeast quarter of adjacent Section 17 and proceeds east through Monument State Unit 13-16-9-17B to the staked well pad.

Environmental Description

The project area is within the 5000 to 5350 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The accumulated acreage for these access transects and the four well locations contain a total of 59.4 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. When GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination that the site is a significant resource, i.e., it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below, the Principal Investigator develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of significant resources which may be situated within the potential development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these four well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation. One core flake fragment, possibly the results of a prehistoric "tap and test" episode was observed within the ten acre parcel associated with Monument State Unit 23-16-9-17B.

No paleontological loci were identified during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the four proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal Investigator

REFERENCES

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- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
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- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
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- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

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- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.
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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)

January 3, 1996

Equitable Resources Energy
P.O. Box 21017
Billings, Montana 59104

Re: Monument State #23-16-9-17B Well, 1980' FSL, 1980' FWL, NE SW, Sec. 16,
T. 9 S., R. 17 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 43-013-31578.

Sincerely,



R. J. Firth
Associate Director

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



Operator: Equitable Resources Energy
Well Name & Number: Monument State #23-16-9-17B
API Number: 43-013-31578
Lease: ML-3453-B
Location: NE SW Sec. 16 T. 9 S. R. 17 E.

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

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.

4. On-site Pre-drill Evaluation and Review

Compliance with all requirements and stipulations developed during the onsite evaluation and review.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES ENERGY

Well Name: MONUMENT STATE 23-16-9-17B

Api No. 43-013-31578

Section 16 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/26/96

Time 8:00 AM

How ROTARY

Drilling will commence _____

Reported by DANNY FARNSWORTH

Telephone # _____

Date: 2/26/96 Signed: DLI



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

FEB 9 1996

February 27, 1996

State of Utah
Division of Oil, Gas, and Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Balcron Monument State #23-16-9-17B
Beluga Unit
NE SW Section 16, T9S, R17E
Duchesne County, Utah
API #43-013-31578

This letter is notice that the subject well was spud on 2-26-96 at 12:30 p.m. I have also enclosed the Entity Action Form 6.

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

Sincerely,

Molly Conrad

Molly Conrad
Operations Secretary

/mc

cc: Bureau of Land Management (Vernal Utah)
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Bobbie Schuman

OPERATOR Equitable Resources Energy Company
Balcron Oil Division

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

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11880		43-013-31578	Monument State #23-16-9-17B	NE SW	16	9S	17E	Duchesne	2-26-96	2-26-96

WELL 1 COMMENTS:

Spud of a new well, please add to existing entity for Beluga Unit.

Entity added 2-29-96. Jec

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.

FEB 9 1996

Molly Conrad
Signature
Operations Secretary
Date 2-27-96
Title
Phone No. 406 , 259-7860



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

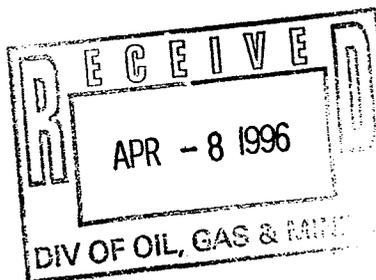
Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

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 listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

1. Type of Well: OIL GAS OTHER:

See attached listing

8. Well Name and Number:

See attached listing

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number:

See attached listing

3. Address and Telephone Number:

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

10. Field and Pool, or Wildcat:

See attached listing

4. Location of Well

Footages: See attached listing

County: See attached list

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

State: UTAH

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 _____
- 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 Operator name change
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

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 April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Record#	OPERATOR	well_name	API_NUMBER	SECTION	TOWNSHIP	RANGE	DATEAPPRVD
1937	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-4	43-013-31430	04	09S	16E	12/20/93
2282	EQUITABLE RESOURCES	BALCRON MONUMENT FED 12-14J	43-013-31488	14	09S	16E	03/27/95
2283	EQUITABLE RESOURCES	BALCRON MONUMENT FED 22-14J	43-013-31489	14	09S	16E	03/07/95
2284	EQUITABLE RESOURCES	BALCRON MONUMENT FED 32-14J	43-013-31490	14	09S	16E	03/07/95
2285	EQUITABLE RESOURCES	BALCRON MONUMENT FED 42-14J	43-013-31491	14	09S	16E	04/20/95
2375	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 14-26	43-013-31512	26	08S	16E	04/20/95
2472	EQUITABLE RESOURCES	BALCRON MON FED 11-10-9-17Y	43-013-31534	10	09S	17E	/ /
→ 2609	EQUITABLE RESOURCES	MONUMENT STATE 23-16-9-17B	43-013-31578	16	09S	17E	01/03/96
2613	EQUITABLE RESOURCES	MONUMENT FEDERAL 23-17-9-17B	43-013-31582	17	09S	17E	02/05/96
2614	EQUITABLE RESOURCES	MONUMENT FEDERAL 13-22-8-17Y	43-013-31583	22	08S	17E	02/22/96
2618	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-22-8-17	43-013-31586	22	08S	17E	02/20/96
2619	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-22-8-17	43-013-31587	22	08S	17E	02/20/96
2620	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-22-8-17	43-013-31588	22	08S	17E	03/25/96
2621	EQUITABLE RESOURCES	MONUMENT FEDERAL 33-6-9-16Y	43-013-31589	06	09S	16E	04/15/96
2622	EQUITABLE RESOURCES	MONUMENT FEDERAL 31-10-9-17Y	43-013-31591	10	09S	17E	/ /
2623	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-10-9-17Y	43-013-31592	10	09S	17E	02/22/96
2201	EQUITABLE RESOURCES	ASP FEDERAL 1	43-027-30033	12	16S	19W	04/27/95
2539	EQUITABLE RESOURCES	COBRA FEDERAL 42-35	43-027-30037	35	15S	19W	/ /
1942	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 41-26	43-047-32456	26	08S	17E	12/21/93
2099	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 42-26	43-047-32531	26	08S	17E	06/01/95
2264	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 32-2	43-047-32609	02	09S	17E	12/29/94
2267	EQUITABLE RESOURCES	BALCRON MONUMENT STATE 34-2	43-047-32611	02	09S	17E	12/29/94
2376	EQUITABLE RESOURCES	BALCRON MONUMENT FEDERAL 43-26	43-047-32668	26	08S	17E	05/08/95
2481	EQUITABLE RESOURCES	BALCRON MON FEDERAL 23-24-8-17	43-047-32710	24	08S	17E	02/13/96
2625	EQUITABLE RESOURCES	MONUMENT FEDERAL 32-20-9-18Y	43-047-32725	20	09S	18E	02/06/96
2635	EQUITABLE RESOURCES	MONUMENT FED 41-35-9-18Y	43-047-32727	35	09S	18E	04/15/96
2636	EQUITABLE RESOURCES	MONUMENT FED 44-31-8-18Y	43-047-32728	31	08S	18E	/ /
2637	EQUITABLE RESOURCES	MONUMENT FEDERAL 43-19-9-18Y	43-047-32730	19	09S	18E	02/05/96

OH/Pending Status

UTAH

Monument Federal #33-22-8-17	Monument Butte	NW SE	22	8S	17E	Duchesne	UT	PND	Green River	U-67845			2295' FSL, 1950' FEL	Vernal	
Monument Federal #41-18-9-16Y	Monument Butte	NE NE	18	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	PND	Green River	U-68618			500' FNL, 660' FEL	Vernal	
Monument Federal #42-6-9-16Y	Monument Butte	SE NE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #42-20-9-16	Monument Butte	SE NE	20	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #43-6-9-16Y	Monument Butte	NE SE	6	9S	16E	Duchesne	UT	PND	Green River	U-74390				Vernal	
Monument Federal #43-19-9-18Y	8 Mile Flat	NE SE	19	9S	18E	Uintah	UT	PND	Green River	U-65635			2140' FSL, 500' FEL	Vernal	
Monument Federal #44-17-9-16	Monument Butte	SE SE	17	9S	16E	Duchesne	UT	PND	Green River	U-52108				Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-65969			915' FSL, 759' FEL	Vernal	
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580		1980' FSL, 660' FWL		Beluga
Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579		1824' FNL, 1981' FWL		Beluga
Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578		1980' FSL, 1980' FWL		Beluga
Monument State #31-2-9-17	Monument Butte	NW NE	2	9S	17E	Uintah	UT	PND	Green River	State ML-45555	43-013-31563		500' FNL, 1980' FEL		
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516		661' FNL, 664' FWL	Vernal	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675		660' FSL, 1980' FWL	Vernal	Beluga
Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778		660' FSL, 1980' FEL	Vernal	Beluga
Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777		1958' FSL, 711' FEL	Vernal	Beluga
Pariette Bench #4 SWD	Pariette Bench	SW SE	7	9S	19E	Uintah	UT	SWD	Green River	U-017992	43-047-15681		660' FSL, 1980' FEL	Vernal	Pariette Bench
Pariette Bench Federal #14-5	Pariette Bench	SW SW	5	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31123		605' FSL, 479' FWL	Vernal	
Pariette Bench Federal #32-6	Pariette Bench	SW NE	6	9S	19E	Uintah	UT	OSI	Green River	U-50385	43-047-31554		2117' FNL, 2123' FEL	Vernal	
Pariette Bench Federal #41-7	Pariette Bench	NE NE	7	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31584		1008' FNL, 1282' FEL	Vernal	Pariette Bench
Pariette Bench Federal #43-6	Pariette Bench	NE SE	6	9S	19E	Uintah	UT	Oil	Green River	U-017992	43-047-31616		2044' FSL, 721' FEL	Vernal	
Pariette Bench Unit #2	Pariette Bench	SW NE	7	9S	19E	Uintah	UT	Oil	Green River	U-022684-A	43-047-15680		2030' FNL, 1830' FEL	Vernal	Pariette Bench
POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505		1980' FSL, 1980' FEL	Vernal	Beluga
POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506		660' FSL, 660' FWL	Vernal	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499		1980' FSL, 660' FWL	Vernal	Beluga
State #16-2	Monument Butte	NE NE	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30552		871' FNL, 748' FEL		
Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562		660' FNL, 1980' FWL		Beluga
TXO Federal #1	Coyote Basin	SW NE	5	8S	25E	Uintah	UT	Oil	Green River	U-41376	43-047-31406		1918' FNL, 1976' FEL	Vernal	Coyote Basin
TXO Federal #2	Coyote Basin	SW SE	5	8S	25E	Uintah	UT	OTA	Green River	U-41376	43-047-31567		2085' FNL, 819' FEL	Vernal	Coyote Basin
Walton Federal #1	Monument Butte	SE SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15792		706' FSL, 704' FEL	Vernal	Jonah
Walton Federal #2-14	Monument Butte	NW NE	14	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15793		542' FNL, 1869' FEL	Vernal	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31003		537' FSL, 2092' FEL	Vernal	Jonah
Walton Federal #4-11	Monument Butte	SE NW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15795		1980' FNL, 1975' FWL	Vernal	Jonah



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

CONFIDENTIAL

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

RECEIVED

MAR 28 1996

March 28, 1996

GAS & OIL

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

Gentlemen:

RE: Monument State #23-16-9-17B
Beluga Unit
NE SW Section 16, T9S, R17
Duchesne County, Utah
API #43-013-31578

This letter will serve as notice that first production on the subject well was on 3-26-96 at 10:00 a.m.

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

Sincerely,

Molly Conrad
Operations Secretary

/mc

cc: Bobbie Schuman
ST OF UTAH

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC 7-65
2-DTS 58-FILE
3-VLD (GTL) 22
4-RJE
5-LEC
6-FIM

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: <u>43-D13-31578</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 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. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) # 5578314 (\$80,000) Schem Ins. Co. (Bond Rider In Progress)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/20/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bannan - Trust Lands

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: May 12 1997.

FILING

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

COMMENTS

9/20/10 BLM/BIA "Formal approval not necessary"

DOG M SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date April 26 19 96

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s) These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Equitable Resources Energy Co., Balcron Oil Division (N9890)

New Operator: Equitable Resources Energy Co. (N9890)

Well(s):

API:

Entity:

S-T-R:

Lease:

NAME CHANGE ONLY

(See Attached Lists)

cc: Operator File

Signed

Don Staley

REPLY

Date

19

Signed

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. ML-3453-B
2. Name of Operator Equitable Resources Energy Company, Western Region	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation Beluga Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FSL & 1980' FWL NE SW Section 16, T9S, R17E	8. Well Name and No. Monument State #23-16-9-17B
	9. API Well No. 43-013-31578
	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.

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

Signed Molly Conrad Title Operations Secretary Date 4-28-96
(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.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument State #23-16-9-17B

API number: 43-013-31578

2. Well Location: QQ NE SW Section 16 Township 9S Range 17E County Duchesne

3. Well operator: Equitable Resources Energy Company, Western Region

Address: 1601 Lewis Avenue

Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhamon, WY 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: 4-28-96

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK OTHER

2. NAME OF OPERATOR: Equitable Resources Energy Company, Western Region

3. ADDRESS OF OPERATOR: 1601 Lewis Avenue, Billings, MT 59103 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface: 1980' FSL & 1980' FWL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: ML-3453-B

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

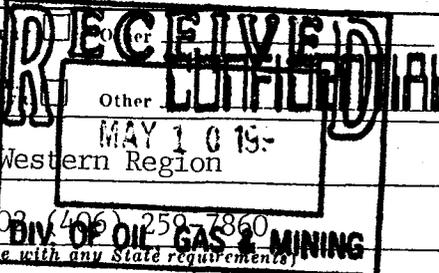
7. UNIT AGREEMENT NAME: Beluga Unit

8. FARM OR LEASE NAME: Monument State

9. WELL NO.: #23-16-9-17B

10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE SW Section 16, T9S, R17E



14. PERMIT NO.: 43-013-31578 DATE ISSUED: 1-3-96

15. DATE SPUDDED: 2-26-96 16. DATE T.D. REACHED: 3-4-96 17. DATE COMPL. (Ready to prod.): 3-26-96

18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 5299' GL 19. ELEV. CASINGHEAD: n/a

20. TOTAL DEPTH, MD & TVD: 5550' 21. PLUG, BACK T.D., MD & TVD: 5476' 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)*: 4454' - 5294' Green River

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLI/LBI/CNL CBL, mud 3-4-96 27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	294.7'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5514'	7-7/8"	580 sxs 50/50 FOZ w/additives	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5349.88'	n/a

31. PERFORATION RECORD (Interval, size and number)

5250' - 5261' (4 SPF)
5288' - 5294' (4 SPF)
4454' - 4463' (4 SPF)

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)
3-26-96	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
4-26-96	24	n/a	→	54.7	N.M.	4	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	→	54.7	N.M.	4	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: 4-28-96

*(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	MEAS. DEPTH	TOP	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 Black Shale Facies Carbonate Marker Ireland Butte Lime Wasatch	1955' 2611' 3598' 4214' 4374' 4605' 4740' 5007' 5206' NDE NDE		1955' 2611' 3598' 4214' 4374' 4605' 4740' 5007' 5206'

Attachment to Completion Report
Monument State #23-16-9-17B
NE SW Section 16, T9S, R17E
Duchesne County, Utah

DEPTH INTERVAL

AMOUNT AND KIND OF MATERIAL USED

5250' - 5294'

Break down with 3,024 gallons 2% KCL water. Fracture with 20,240# 20/40 mesh sand and 35,780# 16/30 mesh sand with 17,892 gallons 2% KCL gelled water.

4454' - 4463'

Break down with 2,436 gallons 2% KCL water. Fracture with 30,240# 16/30 mesh sand with 11,970 gallons 2% KCL gelled water.

/mc

4-28-96

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 SW Section 16, T9S, R17E
1980' ESL & 1980' FWL

5. Lease Designation and Serial No.

ML-3453-B

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Monument State #23-16-9-17B

9. API Well No.

43-013-31578

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 Conrad Title Operations Secretary Date 6-10-96

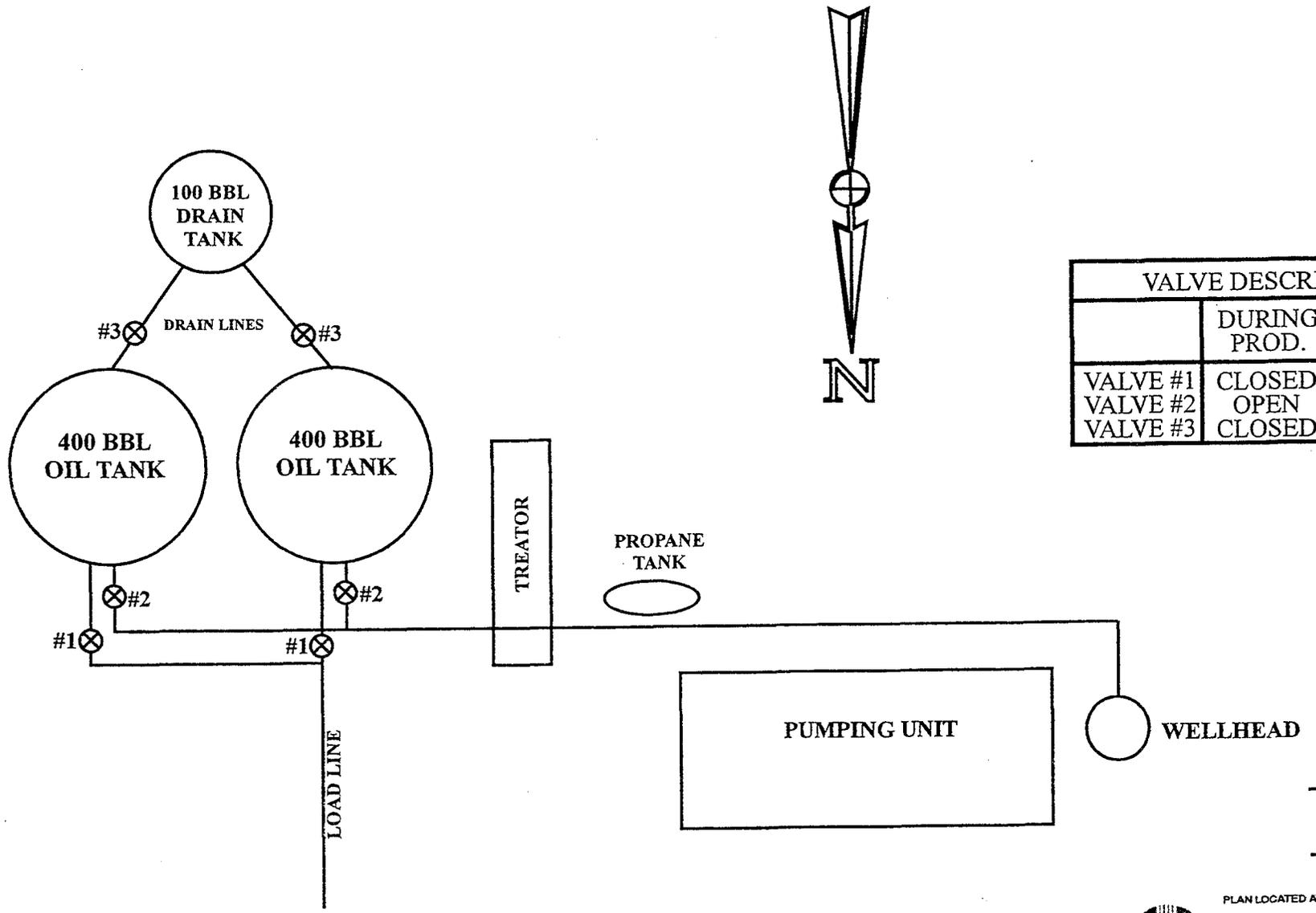
(This space for Federal or State office use)

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 STATE #23-16-9-17B
 PRODUCTION FACILITY DIAGRAM

MONUMENT STATE #23-16-9-17B
 NE SW SEC. 16, T9S, R17E
 DUCHESNE COUNTY, UTAH
 LEASE #ML-3453-B



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



DIAGRAM NOT TO SCALE



PLAN LOCATED AT:
**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

1601 Lewis Avenue
 Billings, MT 59102
 (406) 239-7860

JUNE 8, 1996

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.

ML-3453-B

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Monument State #23-16-9-17B

9. API Well No.

43-013-31578

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

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)

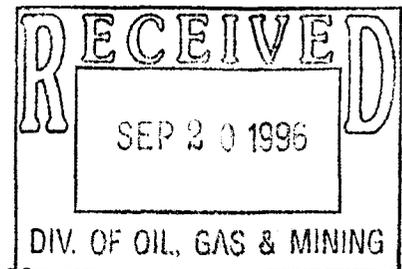
NE SW Section 16, T9S, R17E
1980' FSL & 1980' FWL

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

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

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.



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

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

Signed Molly Conrad Title Operations Secretary Date 9-18-96

(This space for Federal or State office use)

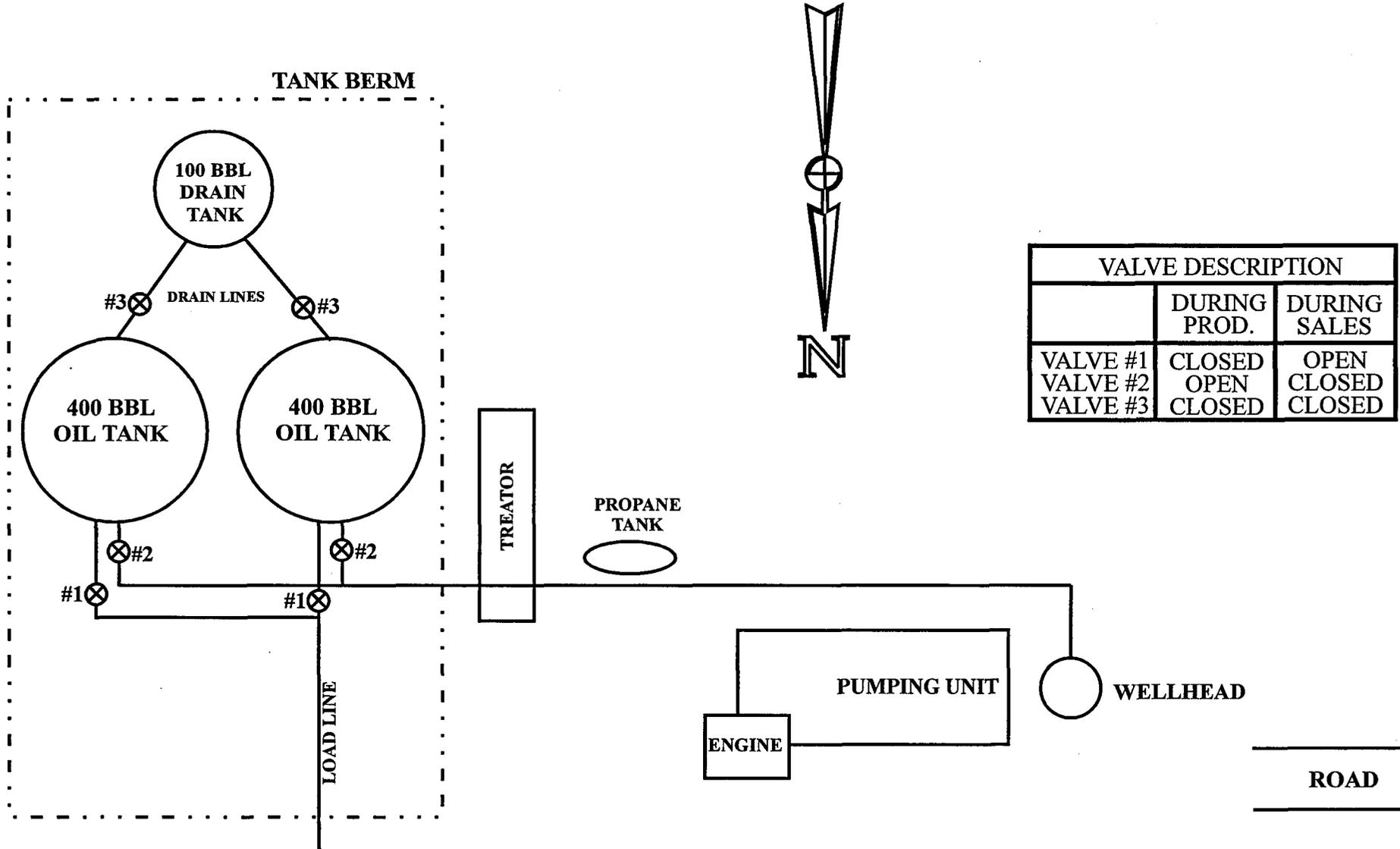
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
 MONUMENT STATE #23-16-9-17B
 PRODUCTION FACILITY DIAGRAM

MONUMENT STATE #23-16-9-17B
 NE SW SEC. 16, T9S, R17E
 DUCHESNE COUNTY, UTAH
 LEASE #ML-3453-B



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

DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

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

JULY 18, 1996

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S
 EQUITABLE RESOURCES ENERGY
 PO BOX 577
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 1 / 98

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SUE MORRIS 16-3			GRRV			mL3453B	Beluga (G&W) unit	
4301330562	11880	09S 17E 16						
D. DUNCAN ST 16-5			GRRV			"		
4301330570	11880	09S 17E 16						
FEDERAL D M D 17-1			GRRV			k 44430		
4301330689	11880	09S 17E 17						
PATUTE FEDERAL 43-8			GRRV			k 7978		
4301330777	11880	09S 17E 8						
PATUTE FEDERAL 34-8			GRRV			"		
4301330778	11880	09S 17E 8						
MAXUS FEDERAL 23-8			GRRV			k 007978		
4301331196	11880	09S 17E 8						
MONUMENT FEDERAL 21-17			GRRV			k 3563A		
4301331387	11880	09S 17E 17						
FEDERAL 14-8			GRRV			k 007978		
4301331398	11880	09S 17E 8						
BALCRON MONUMENT FEDERAL 12-17			GRRV			k 72106		
4301331431	11880	09S 17E 17						
MONUMENT FEDERAL 43-7			GRRV			"		
4301331432	11880	09S 17E 7						
MONUMENT FEDERAL 32-17			GRRV			"		
4301331465	11880	09S 17E 17						
MONUMENT FEDERAL 41-17			GRRV			"		
4301331466	11880	09S 17E 17						
MONUMENT STATE 23-16-9-17B			GRRV			mL3453B	↓	
4301331578	11880	09S 17E 16						
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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.

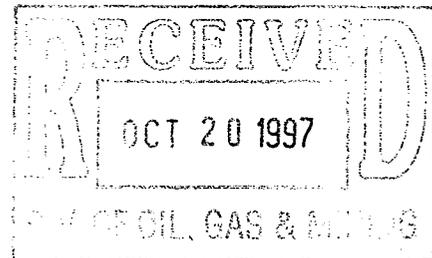
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



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, Aliottee 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:

RECEIVED

OCT 13 1997

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 :

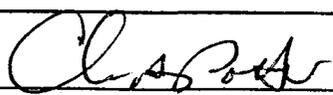
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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 10 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)

OCT 13 1997

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 <i>Beluga</i>	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013- 31579-00	31145	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	



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.*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-931

March 2, 1998

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

Re: Beluga (Green River) Unit
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

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

UT931:TAThompson:tt:3/2/98

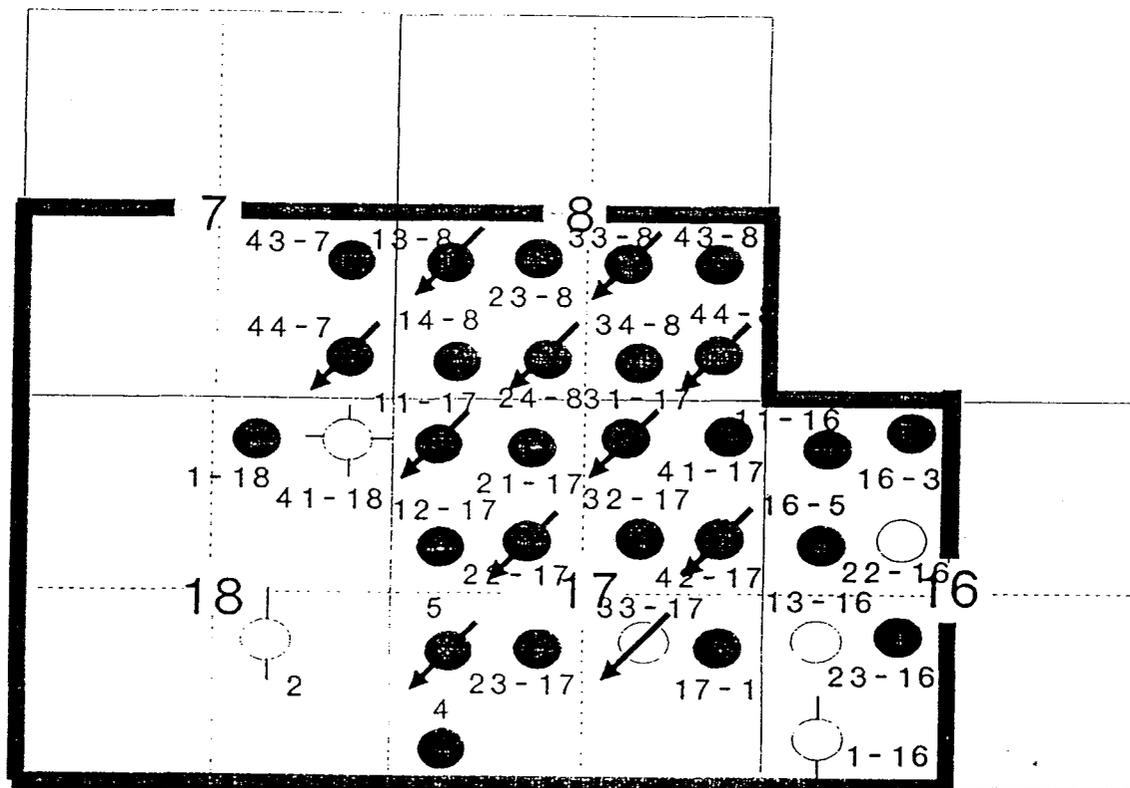
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-17-9-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCRON FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



9S

17E

— UNIT OUTLINE (UTU75023X)
2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

DOGM SPEED LETTER

To: Ed Bonner

From: Lisha Cordova

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

COPY

Date 03/11 19 98

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Equitable Resources Energy

New Operator: Inland Production Company

Well(s):	API:	Entity:	S-T-R:	Lease:
A. Anderson State 1-16	43-013-15582	11880	16-09S-17E	ML-46694
Sue Morris 16-3	43-013-30562	11880	16-09S-17E	ML-3453B
D. Duncan St 16-5	43-013-30570	11880	16-09S-17E	ML-3453B
Monument St 23-16-9-17B	43-013-31578	11880	16-09S-17E	ML-3453B
Monument St 13-16-9-17B	43-013-31580	11880	16-09S-17E	ML-3453B
Monument St 11-16-9-17B	43-013-30616	06130	16-09S-17E	ML-21844
Monument St 22-16-9-17B	43-013-31145	11880	16-09S-17E	ML-3453B

cc: Operator File

Signed Lisha Cordova

REPLY

Date _____ 19 ____

Signed _____

OPERATOR CHANGE WORKSHEET

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

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

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

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

TO: (new operator)	<u>INLAND PRODUCTION CO.</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(435) 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: ***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31578</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 3-10-97)
- lec 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)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 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.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) X Quattro Pro s. DBASE (LIC) 3-11-98.
- lec 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- lec 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- lec 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. (3-11-98)
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."

- N/A/Sec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/Sec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/Sec 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

- Sec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- B 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

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

980311 BLM/SL Apr. 3-2-98.

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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 ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JAN 12 2012

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JAN 19 2012

DIV. OF OIL, GAS & MINING

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

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

RE: Underground Injection Control (UIC)
Additional Well to Beluga Area Permit
EPA UIC Permit UT20798-09368
Well: Monument State 23-16-9-17B
NESW Sec. 16-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31578

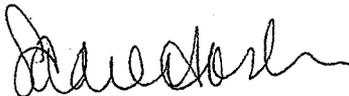
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Monument State 23-16-9-17B to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Beluga Area Permit No. UT20798-00000 and subsequent modifications.

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

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

Sincerely,



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

Enclosures: Authorization for Additional Well
Wellbore schematic for Monument State 23-16-9-17B

cc: Letter Only:

Uintah & Ouray Business Committee:

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20798-00000

The Beluga Final UIC Area Permit UT20798-00000, effective October 25, 1996, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On October 4, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name: Monument State 23-16-9-17B
EPA Permit ID Number: UT20798-09368
Location: 1980' FSL & 1980' FWL
NESW Sec. 16 T9S-R17E
Duchesne County, Utah
API #43-013-31578

Pursuant to 40 CFR §144.33, Area UIC Permit UT20798-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20798-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 11/11/12 [Signature]

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

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Monument State 23-16-9-17B

EPA Well ID Number: UT20798-09368

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

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

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

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

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

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,605 psig, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.80 psi/ft, SG is 1.015 and D is 4,454 ft.

UIC Area Permit No. UT20798-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR §146.22(c). Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

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

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

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

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

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.

- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.
- (4) Isolate Surface Fluid Migration Paths:
- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
 - b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
 - c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Monument State 23-16-9-17B
EPA Well ID Number: UT20798-09368

Underground Sources of Drinking Water (USDWs): USDWs in the Beluga Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 300 ft. below ground surface in the Monument State 23-16-9-17B well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

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

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20798-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to

*Authorization for Additional Well: UIC Area Permit UT20798-00000
Well: Monument State 23-16-9-17B EPA Well ID: UT20798-09368*

be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

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

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

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

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 295 ft. (GL) in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,514 ft. in a 7-7/8" hole secured with 580 sacks of cement. Total driller depth is 5,550 ft. Plugged back total depth is 5,476 ft. EPA calculates top of cement at 2,548 ft. Estimated CBL top of cement is 1,488 ft.

Perforations: Top perforation: 4,454 ft. Bottom perforation: 5,294 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following four wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Allen Federal 32-6-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Beluga State 14-16-9-17	API: 43-013-32312	SESW Sec. 16-T9S-R17E
Monument State 13-16-9-17 UT20798-04310.	API: 43-013-31580	NWSW Sec. 16-T9S-R17E
Beluga Q-16-9-17	API: 43-013-34148	SHL: NWSE Sec. 16-T9S-R17E BHL: NESWSW Sec. 16-T9S-R17E
GMBU M-16-9-17	API: 43-013-50794	SHL: NWSE Sec. 16-T9S-R17E BHL: SENW Sec. 16-T9S-R17E

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

Reporting of Noncompliance:

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

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

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

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

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

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

Monument State #23-16-9-17B

Spud Date: 02/26/96
 Put on Production: 03/26/96
 GL: 5298' KB: 5308'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 284'
 DEPTH LANDED: 295' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs "G" + 2% CaCl2 + 1/4 #/sk cello-flake.

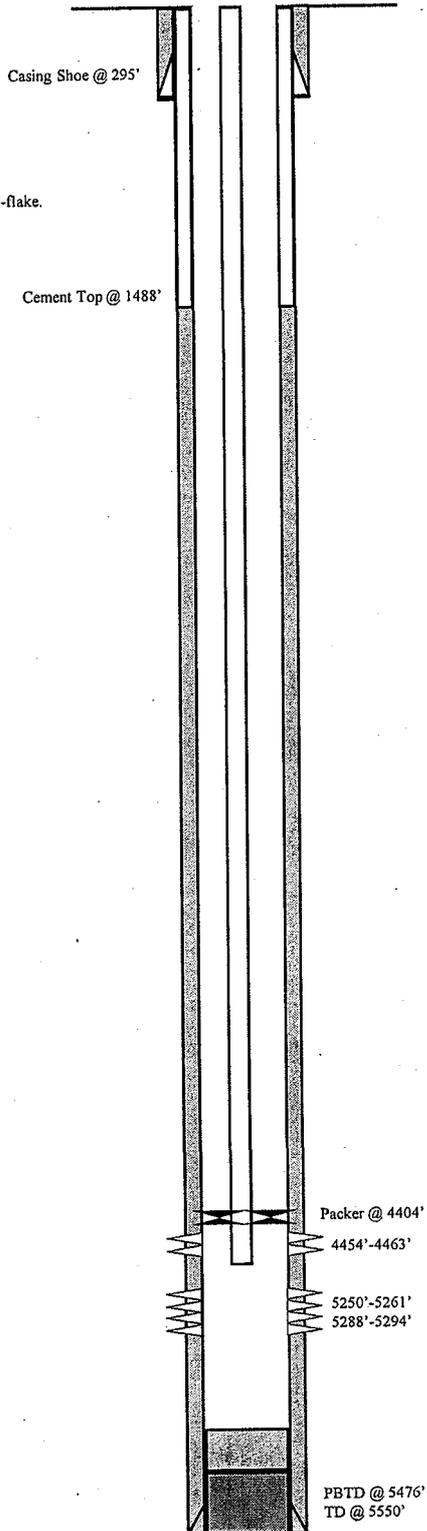
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5504'
 DEPTH LANDED: 5514'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 580 sxs
 CEMENT TOP AT: 1488' per KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 142 jts
 TUBING ANCHOR: 5218.10'
 SEATING NIPPLE: 2-7/8" (1.10")
 TOTAL STRING LENGTH: EOT @ 5345.68'
 SN LANDED AT: 5314.06'

Proposed Injection Wellbore Diagram



FRAC JOB

03/15/96 4454'-4463' **Frac R2 sands as follows:**
 11970 gals 2% KCl wtr & 30240# 16/30 sand. ATP=2250, ATR=31.9 bpm, ISIP=2200, 5min=1950, 10min=1790, 15min=1690, 30min=1590.

03/11/96 5250'-5294' **Frac B1/B2 sand as follows:**
 17892 gals 2% KCl wtr & 20240# 20/40 sand. Flush w/ 17892 gals 2% KCl wtr. ATP=1600, ATR=32.3 bpm, ISIP=1560, 5min=1320, 10min=1260, 15min=1230, 30min=1160.

PERFORATION RECORD

3/14/96 4454'-4463'
 3/08/96 5250'-5261'
 3/08/96 5288'-5294'



Monument State #23-16-9-17B
 1980 FSL 1980 FWL
 NESW Section 16-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31578; Lease #ML-3453-B

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3453B
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MON ST 23-16-9-17B	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013315780000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 16 Township: 09.0S Range: 17.0E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/8/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER <input type="checkbox"/> APD EXTENSION	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 05/04/2012. On 05/01/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/08/2012 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 110 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09368</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 21, 2012</p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/11/2012	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 5/8/2012

Test conducted by: Don Trane

Others present: Cody Marx Chris Walters Braden Curry

UT 20798-09368

Well Name: <u>Mon. Side 23-16B-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>23-16B</u> Sec: <u>16</u> T <u>9</u> N <u>(S)</u> R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 1490 psig

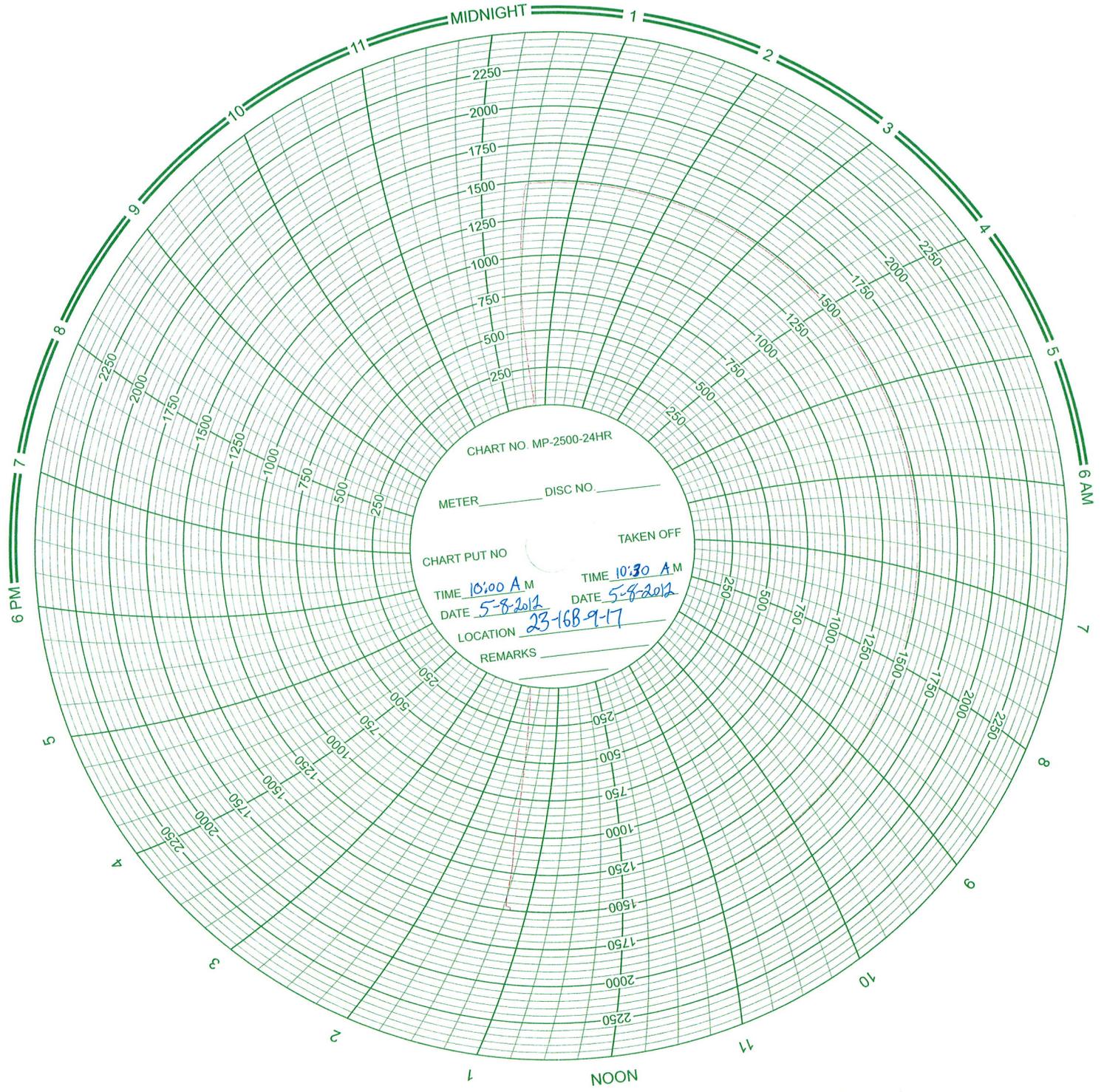
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>110</u> psig	psig	psig
End of test pressure	<u>110</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1490</u> psig	psig	psig
5 minutes	<u>1490</u> psig	psig	psig
10 minutes	<u>1490</u> psig	psig	psig
15 minutes	<u>1490</u> psig	psig	psig
20 minutes	<u>1490</u> psig	psig	psig
25 minutes	<u>1490</u> psig	psig	psig
30 minutes	<u>1490</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Daily Activity Report

Format For Sundry

MON 23-16-9-17B

2/1/2012 To 6/30/2012

5/2/2012 Day: 1

Conversion

Stone #10 on 5/2/2012 - LD rod string. TOH w/ 60- jts tbg (tallying, breaking collars & applying liquid O-ring to threads). - Pooh L/D tbg. EOT @ 2340' SWIFN - Pooh L/D tbg. EOT @ 2340' SWIFN - Pooh L/D tbg. EOT @ 2340' SWIFN - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Crew Travel - Crew Travel - Crew Travel - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Crew Travel - Crew Travel - Crew Travel - TOH w/ 60- jts tbg (tallying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (tallying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (tallying, breaking collars & applying Liquid O-ring to threads). SWIFN. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4" pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4" pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4" pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods,

flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - Pooh L/D tbg. EOT @ 2340' SWIFN - Pooh L/D tbg. EOT @ 2340' SWIFN - Pooh L/D tbg. EOT @ 2340' SWIFN - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Crew Travel - Crew Travel - Crew Travel - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Crew Travel - Crew Travel - Crew Travel - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - MIRUSU. Hot oiler had pumped 60 BW down csg @

250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$7,493

5/4/2012 Day: 4**Conversion**

Stone #10 on 5/4/2012 - POOH L/D BHA RIH w/ Prod Pkr circ. Pkr fluid set Pkr & N/U injection wellhead - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Crew Travel - Crew Travel - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Wait on fresh wtr. - Wait on fresh wtr. - N/D Weatherford 5k BOP - N/D Weatherford 5k BOP - R/U sand line RIH ret. S/V - R/U sand line RIH ret. S/V - Pres. Test tbg. To 3000# (good) - Pres. Test tbg. To 3000# (good) - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - Cont. to PooH L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Cont. to PooH L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Wait on fresh wtr. - Wait on fresh wtr. - N/D Weatherford 5k BOP - N/D Weatherford 5k BOP - R/U sand line RIH ret. S/V - R/U sand line RIH ret. S/V - Pres. Test tbg. To 3000# (good) - Pres. Test tbg. To 3000# (good) - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - Cont. to PooH L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Cont. to PooH L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's **Finalized**

Daily Cost: \$0

Cumulative Cost: \$78,041

5/9/2012 Day: 6**Conversion**

Rigless on 5/9/2012 - Conduct Initial MIT - On 05/01/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/08/2012 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 110 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09368 - On 05/01/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/08/2012 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 110

psig during the test. There was not an EPA representative available to witness the test. EPA#
UT20798-09368 **Finalized**
Daily Cost: \$0
Cumulative Cost: \$180,791

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3453B
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MON ST 23-16-9-17B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013315780000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 16 Township: 09.0S Range: 17.0E 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: 6/14/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 11:45 AM on
06/14/2012. EPA # UT20798-09368

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 21, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/15/2012	



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

JUN 06 2012

RECEIVED

JUN 13 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

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

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

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20798-09368
Well: Monument State 23-16-9-17B
NESW Sec. 16-T9S-R17E
Duchesne County, Utah
API No.: 43-013-31578

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) May 10, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20798-09368.

As of the date of this letter, Newfield is authorized to commence injection into the Monument State 23-16-9-17B well at a Maximum Allowable Injection Pressure (MAIP) of 1,605 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

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

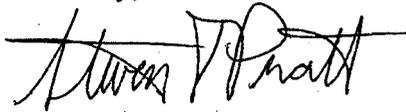
Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20798-09368.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174.

Sincerely,



for

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

cc: Uintah & Ouray Business Committee:

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company



Printed on Recycled Paper

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-3453B
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON ST 23-16-9-17B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013315780000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 16 Township: 09.0S Range: 17.0E 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: 5/8/2012	<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="New Perforations"/>

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

The above subject well had new perforations added during a conversion. Attached are the schematic and Daily Activity report. The following perforations were added in the Green River Formation: A1 4852-4853' 3 JSPF 3 holes A1/2 4803-4804' 3 JSPF 3 holes B2 4705-4706' 3 JSPF 3 holes B2 4687-4688' 3 JSPF 3 holes GB6 3936-3939' 3 JSPF 9 holes

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 20, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/6/2013	

Monument State 23-16-9-17B

Spud Date: 02/26/96
 Put on Production: 03/26/96
 GL: 5298' KB: 5308'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 284'
 DEPTH LANDED: 295' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs "G" + 2% CaCl2 + 1/4 #/sk cello-flake.

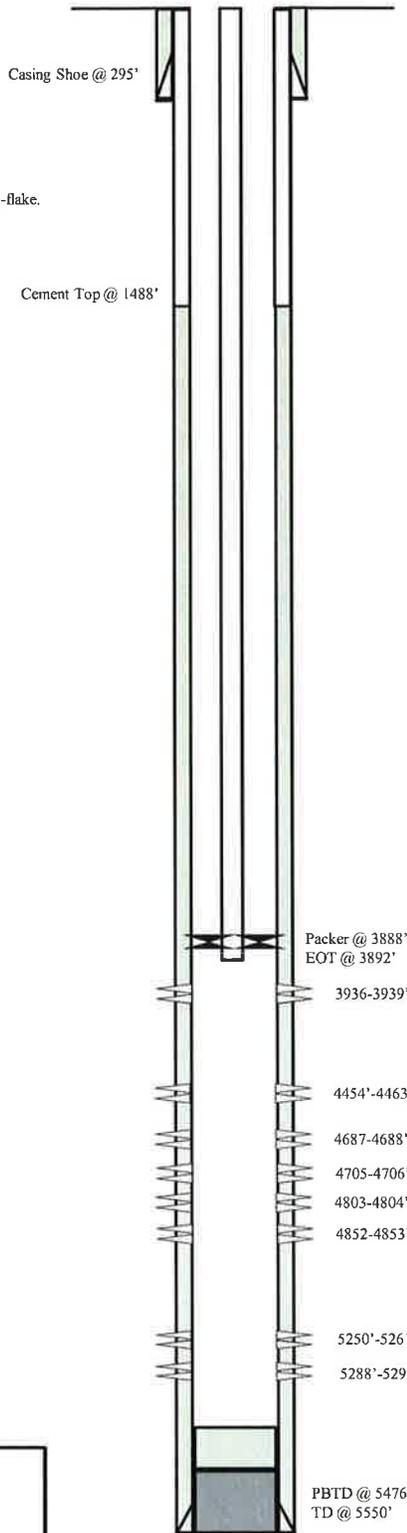
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5504'
 DEPTH LANDED: 5514'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 580 sxs
 CEMENT TOP AT: 1488' per KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 125 jts (3873.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3883.0'
 CE @ 3888' ran w/ w/l entry guide
 TOTAL STRING LENGTH: EOT @ 3892'

Injection Wellbore Diagram



FRAC JOB

03/15/96 4454'-4463' **Frac R2 sands as follows:**
 11970 gals 2% KCl wtr & 30240# 16/30 sand. ATP=2250, ATR=31.9 bpm, ISIP=2200, 5min=1950, 10min=1790, 15min=1690, 30min=1590.

03/11/96 5250'-5294' **Frac B1/B2 sand as follows:**
 17892 gals 2% KCl wtr & 20240# 20/40 sand, Flush w/ 17892 gals 2% KCl wtr. ATP=1600, ATR=32.3 bpm, ISIP=1560, 5min=1320, 10min=1260, 15min=1230, 30min=1160.

05/02/12 4687-4853' **Frac A1 / 2, A1, & B2 sand as follows:**
 477 bbls Lighting 17 frac fluid in 34596# 20/40 sand.

05/02/12 3936-3939' **Frac GB6 sand as follows:**
 220 bbls Lighting 17 frac fluid in 14015# 20/40 sand

05/04/12 **Convert to Injection Well**

05/08/12 **Conversion MIT Finalized** – update tbg detail

PERFORATION RECORD

3/14/96 4454'-4463'
 3/08/96 5250'-5261'
 3/08/96 5288'-5294'
 05/02/12 4852-4853' 3 JSPF 3 holes
 05/02/12 4803-4804' 3 JSPF 3 holes
 05/02/12 4705-4706' 3 JSPF 3 holes
 05/02/12 4687-4688' 3 JSPF 3 holes
 05/02/12 3936-3939' 3 JSPF 9 holes



Monument State 23-16-9-17B
 1980 FSL 1980 FWL
 NESW Section 16-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31578; Lease #ML-3453-B

Daily Activity Report**Format For Sundry****MON 23-16-9-17B****3/1/2012 To 7/30/2012****5/2/2012 Day: 3****Conversion**

Stone #10 on 5/2/2012 - Preform 2 tbg. Fracs start OOH w/ tbg. - Pooh L/D tbg. EOT @ 2340' SWIFN - Pooh L/D tbg. EOT @ 2340' SWIFN - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Pooh set RBP @ 4010' & Pkr @ 3863' - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Crew Travel - Crew Travel - Crew Travel - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Crew Travel - Crew Travel - Crew Travel - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick

rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - PooH L/D tbg. EOT @ 2340' SWIFN - PooH L/D tbg. EOT @ 2340' SWIFN - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - Rls Pkr circ. Btms up RIH tag fill @ 3973' circ, dwn. To Rbp @ 4010' Rls Rbp - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U flowback open @ 3 bpm recoverd 145 bbls - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - R/U Baker Hughes Frac f/ 3936-39' w/ 14,015# 20/40 White & 17# Lightning - PooH set RBP @ 4010' & Pkr @ 3863' - PooH set RBP @ 4010' & Pkr @ 3863' - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - Rls Pkr Circ. Btms. Up RIH tag fill @ 4970' Circ. Dwn to Rbp @ 5000' Rls plug - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - R/U flowback @ 3 bpm recovered 130 bbls - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - 0# SIP, Set Pkr @ 4612' R/U Baker Hughes Pres. Test Iron to 8000# (good) Frac f/ 4687'-4853' w/ 34,596# 20/40 White w/ 17# Lightning - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Tailgate meeting, review JSA's - Crew Travel - Crew Travel - Crew Travel - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - 0# SIP, Flush tbg. w/ 20 bbls htd. Wtr. POOH w/ tbg. Breaking & doping collars OOH L/D BHA R/U Perforators W/L RIH shoot f/ 4852-53,4803-04,4705-06,4687-88 & 3936-39, POOH R/D W/L, P/U RIH w/ "TS" RBP, "HD" PKR, 1 jt. PSN, followed by 159 jts. 2 7/8 L-80 work string set RBP @ 5000' set PKR @ 4951' test tools to 4000# (good) RLS PKR POOH to 4620' SWIFN - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Tailgate meeting,review JSA's - Crew Travel - Crew Travel - Crew Travel - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - TOH w/ 60- jts tbg (talleying, breaking collars & applying Liquid O-ring to threads). SWIFN. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - ND wellhead. NU BOPs. RU rig floor. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - Drop standing valve down tbg & pump 35 bbl. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - LD rods as follows: 1 1/4" X 22' polished rod, 2-6'X 3/4"pony rods, 80- 3/4" plain rods, flush rods & tbg w/ 20 BW @ 250, LD 36- 3/4" plain rods, flush tbg w/ 20 BW @ 250, LD 202- 3/4" slick rods, 8- 3/4" 4 per guided rods, 2- 1" guided ponies, 1- 1 1/2" weight bar & Pump. - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg

w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). - MIRUSU. Hot oiler had pumped 60 BW down csg @ 250. RD pumping unit. Unseat rod pump. Flush tbg w/ 40 BW @ 250. Soft seat rod pump & pressure tbg to 500 psi (no test). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$64,268

5/4/2012 Day: 5**Conversion**

Stone #10 on 5/4/2012 - Check pres. On csg. (no leaks) RDSUMOL - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Crew Travel - Crew Travel - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Wait on fresh wtr. - Wait on fresh wtr. - N/D Weatherford 5k BOP - N/D Weatherford 5k BOP - R/U sand line RIH ret. S/V - R/U sand line RIH ret. S/V - Pres. Test tbg. To 3000# (good) - Pres. Test tbg. To 3000# (good) - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - Cont. to Pooh L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Cont. to Pooh L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Check pres. On csg. To ensure Pkr is holding Pres. Still @ 1500# RDSUMOL - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's - Crew Travel - Crew Travel - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Circ. Pkr. Fluid dwn. Csg. Set Pkr w/ 15k tension & N/U Injection wellhead test csg. To 1500# check pres. In AM SWIFN - Wait on fresh wtr. - Wait on fresh wtr. - N/D Weatherford 5k BOP - N/D Weatherford 5k BOP - R/U sand line RIH ret. S/V - R/U sand line RIH ret. S/V - Pres. Test tbg. To 3000# (good) - Pres. Test tbg. To 3000# (good) - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - Flush tbg. w/ 30 bbls htd. Wtr. Drop S/V chase dwn. w/ sandline to PSN to put on seat. - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - P/U RIH w/ 125 jts. 2 7/8 PSN & 5 1/2 (4.625 O.D.) AS1X Pkr tightening every conn. In - Cont. to Pooh L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Cont. to Pooh L/D tbg. (73 jts.) & L/D BHA (Pkr, Rbp) - Hold tailgate meeting, review JSA's - Hold tailgate meeting, review JSA's **Finalized**

Daily Cost: \$0

Cumulative Cost: \$155,471

5/9/2012 Day: 6**Conversion**

Rigless on 5/9/2012 - Conduct Initial MIT - On 05/01/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/08/2012 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 110 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09368 - On 05/01/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 05/08/2012 the casing was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 110 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-09368 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$180,791

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



EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: **Monument State #23-16-9-17B**
 FIELD: Monument Butte
 STATE LEASE NO.: ML-3453-B
 LOCATION: NE SW Sec. 16, T9S, R17E
 FOOTAGE: 1980' FSL & 1980' FWL
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.91491728
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 3/11/1996
 INITIAL PRODUCTION: NA
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Waiting on Equipment
 ELEVATIONS - GROUND: 5298' GL
 TOTAL DEPTH: 5550' KB

DATE : 3/21/1996 lac
 API NO.: 43-013-31578

NET REVENUE INTEREST: 0.80471769 Oil
 0.7310824 Gas
 SPUD DATE: 2/26/96
 OIL GRAVITY:
 BHT:
 KB: 5308' KB (10' KB)
 PLUG BACK TD: 5476' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 284'
 DEPTH LANDED: 295' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs "G" + 2% CACL2 + 1/4#/sxc
 cello flake.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5504'
 DEPTH LANDED: 5514' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 580 sxs

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", M-50, 6.5#
 NO. OF JOINTS: 142 @ 4399.15'
 TUBING ANCHOR: 2-7/8" x 5-1/2" (TRICO)
 NO. OF JOINTS: 29 @ 902.56'
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERFORATED SUB: 2-7/8" x 4'
 MUD ANCHOR: 2-7/8" x 30'
 TOTAL STRING LENGTH: 5339.88'
 SN LANDED AT: 5315.16' KB

CEMENT TOP AT: 1488' KB

PERFORATION RECORD

03/14/96	Cutter Wire Line	4454' - 4463'	R2
03/08/96	Cutter Wire Line	5250' - 5261'	B1
03/08/96	Cutter Wire Line	5288' - 5294'	B2

SUCKER ROD RECORD

POLISHED ROD: 1 - 1-1/4" x 22' SM
 SUCKER RODS: 1 - 3/4" x 6' Pony
 210 - 3/4" x 25' D-61 Plain
 1 - 1" x 2' Pony w/2-1/2" guides
 1 - 1-1/4" x 25' K-bar
 1 - 1" x 2' Pony w/2-1/2" guides
 TOTAL ROD STRING LENGTH: 5307'

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM Plunger

PUMP NUMBER: TRICO #1155
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:
 PRIME MOVER:

LOGS:

ACID JOB / BREAKDOWN JOB

03/15/96	BJ Services	4454'-4463': 2436 gals 2% KCL wtr w/72 ball sealers. No Ball out. ATP = 2200, ATR = 4.6 bpm, ISIP = 1600.
03/11/96	BJ Services	5250'-5294': 3024 gals 2% KCL wtr w/136 ball sealers. Balled off. ATP = 2500, ATR = 4.8 bpm, ISIP = 1400.

FRAC JOB

03/15/96	BJ Services	4454'-4463': 11,970 gals 2% KCL wtr & 30,240 lbs 16/30 sand. ATP = 2250, ATR = 31.9, ISIP = 2200, 5 min = 1950, 10 min = 1790, 15 min = 1690, 30 min = 1590
03/11/96	BJ Services	5250'-5294': 17,892 gals 2% KCL wtr & 20,240 lbs 20/40 sand & 35,780 lbs 16/30 sand. Flush w/17,892 gals 2% KCL wtr. ATP = 1600, ATR = 32.3 bpm ISIP = 1560, 5 min. = 1320, 10 min. = 1260, 15 min. = 1230, 30 min. = 1160.

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Monument State #23-16-9-17B
 NE SW Sec. 16, T9S, R17E
 1980' FSL & 1980' FWL
 Lease No. ML-3453-B
 Monument Butte
 Duchesne County, Utah

Elev. GR - 5298' GL
 Elev. KB - 5308' KB (10' KB)

WELLBORE DIAGRAM

DATE : 3/21/1996 lac

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 284'
 DEPTH LANDED: 295' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs "G" + 2% CACL2 + 1/4#/sx
 cello flake.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5504'
 DEPTH LANDED: 5514' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 580 sxs
 CEMENT TOP AT: 1488' KB

TUBING

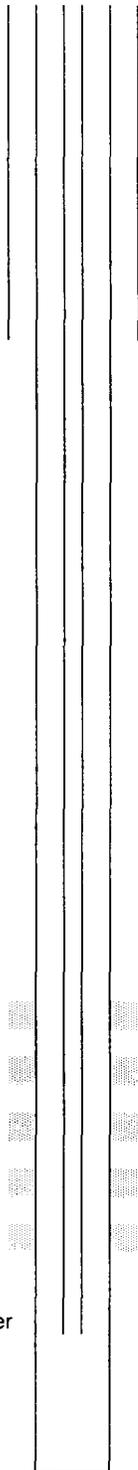
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 PERFORATED SUB: 2-7/8" x 4'
 MUD ANCHOR: 2-7/8" x 30'
 STRING LENGTH: 5339.88'
 SN LANDED AT: 5315.16' KB

SUCKER RODS

POLISHED ROD: 1 - 1-1/4" x 22' SM
 SUCKER RODS: 1 - 3/4" x 6' Pony
 210 - 3/4" x 25' D-61 Plain
 1 - 1" x 2' Pony w/2-1/2" guides
 1 - 1-1/4" x 25' K-bar
 1 - 1" x 2' Pony w/2-1/2" guides
 STRING LENGTH: 5307'

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM Plunger

PUMP NUMBER: TRICO #1155
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT:
 PRIME MOVER:



ACID JOB /BREAKDOWN

03/15/96 BJ Services 4454'-4463': 2436 gals 2% KCL
 wtr w/72 ball sealers. No Ball
 out. ATP = 2200, ATR = 4.6 bpm,
 ISIP = 1600.
 03/11/96 BJ Services 5250'-5294': 3024 gals 2% KCL
 wtr w/136 ball sealers. Balled
 off. ATP = 2500, ATR = 4.8 bpm,
 ISIP = 1400.

FRAC JOB

03/15/96 BJ Services 4454'-4463': 11,970 gals 2% KCL
 wtr & 30,240 lbs 16/30 sand.
 ATP = 2250, ATR = 31.9, ISIP =
 2200, 5 min = 1950, 10 min =
 1790, 15 min = 1690, 30 min =
 1590
 03/11/96 BJ Services 5250'-5294': 17,892 gals 2% KCL
 wtr & 20,240 lbs 20/40 sand &
 35,780 lbs 16/30 sand. Flush
 w/17,892 gals 2% KCL wtr.
 ATP = 1600, ATR = 32.3 bpm
 ISIP = 1560, 5 min. = 1320,
 10 min. = 1260, 15 min. =
 1230, 30 min. = 1160.

PERFORATION RECORD

03/14/96 Cutter Wire Line 4454' - 4463' R2
 03/08/96 Cutter Wire Line 5250' - 5261' B1
 03/08/96 Cutter Wire Line 5288' - 5294' B2

SN LANDED @ 5315.16' KB
 EOT LANDED @ 5349.88' KB

PBTD @ 5476' KB
 TD @ 5550' KB

LOGS: