

UTAH OIL AND GAS CONSERVATION COMMISSION

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

~~5.1.85~~ OPER Change
 * APPROVED RE-ENTRY; OPER change; NAME & FTG change
 10-21-96 CBL

DATE FILED February 2, 1982 ~~XX~~ JULY 17, 1996
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U- 40326 INDIAN

DRILLING APPROVED: February 19, 1982 ~~XX~~ SEPTEMBER 3, 1996
 SPUNNED IN: 10-2-82 ~~XX~~ SEPTEMBER 30, 1996

COMPLETED: 12-11-83 POW PUT TO PRODUCING: 12-11-83 ~~XX~~ 10-15-96 WIW
 INITIAL PRODUCTION: 90 BOPD, 47 MCF, 4 BWPD

GRAVITY A.P.I. 34.8
 GOR: 500 / 1
 PRODUCING ZONES: 4710 - 5696 GREEN RIVER

TOTAL DEPTH: 5848
 WELL ELEVATION: 5335' 5319' 91

DATE ABANDONED: PA 8.25.87
 FIELD: MONUMENT BUTTE

UNIT:
 COUNTY: DUCHENSE ****MONUMENT FEDERAL 44-8-9-17B**

WELL NO. ~~MONUMENT BUTTE FED. #1-8~~ API NO. 43-013-30643

LOCATION 600' FT. FROM (W) (S) LINE. 600' FT. FROM (E) ~~XX~~ LINE. SE SE 1/4 - 1/4 SEC. 8

* W02 PSL		508' FEL		* EQUITABLE RESOURCES CO		* EP OPERATING CO	
TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR

GEOLOGIC TOPS:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR
1230 River Bend Dr. Suite 136 - Dallas, Texas 75247

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 600' FSL & 600' FEL (SE 1/4 SE 1/4)
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12 miles South of Myton, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	600'	16. NO. OF ACRES IN LEASE	40	17. NO. OF ACRES ASSIGNED TO THIS WELL	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	None	19. PROPOSED DEPTH	6000'	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5319' GR				22. APPROX. DATE WORK WILL START* April ±5, 1982	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circulate to Surface
7-7/8"	5-1/2"	15.5#	6000'	Sufficient to cover productive zones and protect oil shale and aquifers.

Propose to drill a 12-1/4" hole to 300', set 8-5/8" casing and cement to surface. An 11" x 3000 psi bradenhead and 11" x 3000 psi double hydraulic pipe and blind rams, and spherical BOP's will be installed and tested to 2000 psi. A 7-7/8" hole will than be drilled to a total depth of 6000' with a salt water base drilling fluid. If the well is evaluated to be productive, 5-1/2" production casing will be run and cemented. If not, the well will be plugged according to USGS requirements. The location will be restored as per B.L.M. instructions, and a dry hole marker erected.

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

24. SIGNED C. H. Peoples TITLE Regional Drilling Manager DATE February 2, 1982
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. M. Matthes FOR E. W. GUYNN DATE MAR 02 1982
 TITLE DISTRICT OIL & GAS SUPERVISOR
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVAL

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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b. TYPE OF WELL
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3. ADDRESS OF OPERATOR
 1230 River Bend Dr. Suite 136 - Dallas, Texas 75247

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 At surface 600' FSL & 600' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$)
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 12 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600'

16. NO. OF ACRES IN LEASE 40

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

19. PROPOSED DEPTH 6000'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5319' GR Lower Douglas Creek

22. APPROX. DATE WORK WILL START*
 April \pm 5, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circulate to Surface
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APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 2/19/82

BY: *[Signature]*

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

24. SIGNED C. H. Peoples TITLE Regional Drilling Manager DATE February 2, 1982
 (This space for Federal or State office use)

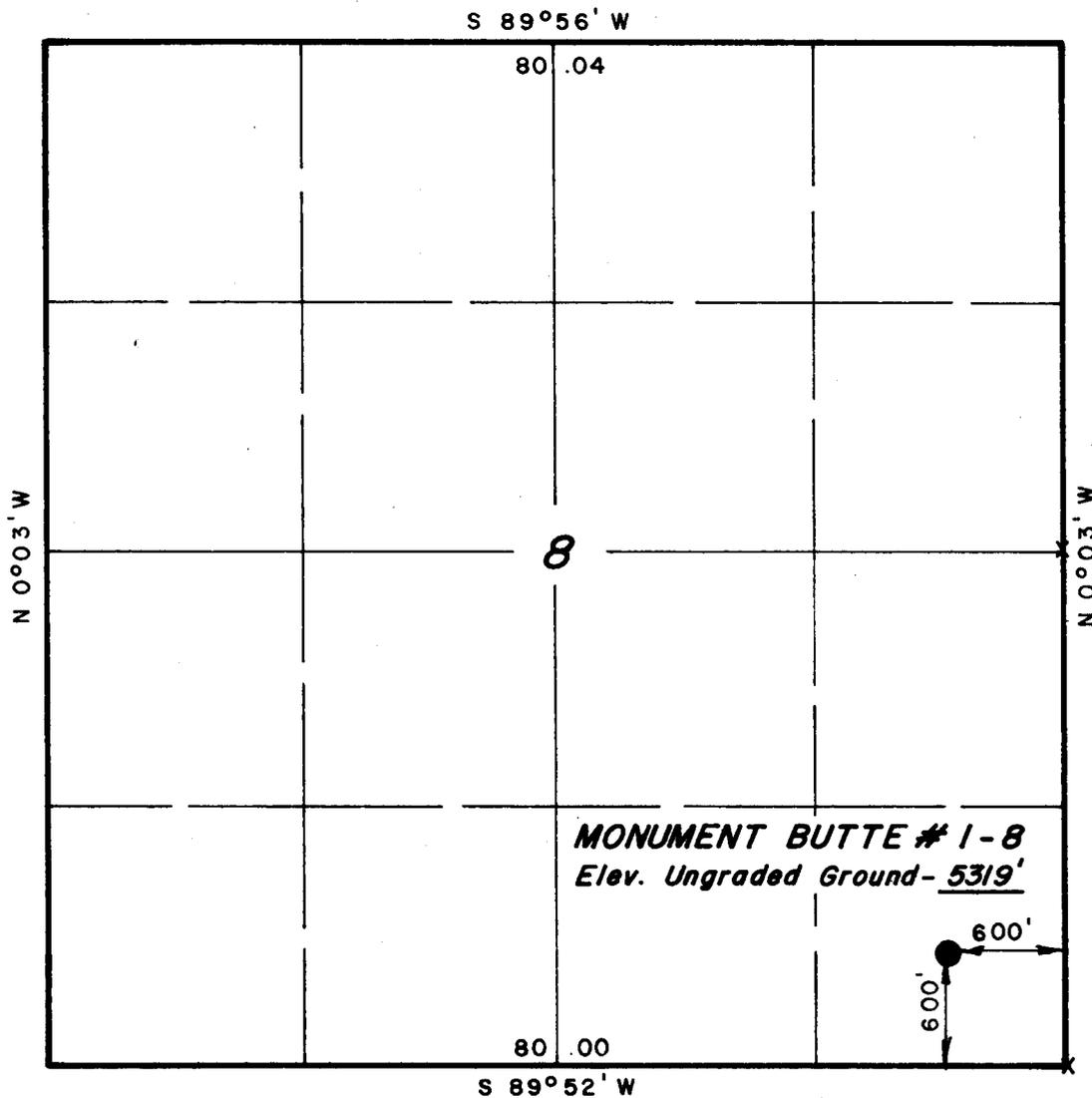
PERMIT NO. _____ APPROVAL DATE _____

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

T 9 S, R 17 E, S.L.B. & M.

PROJECT
ENSERCH EXPLORATION INC.

Well location, **MONUMENT BUTTE #1-8**, located as shown in SE 1/4 SE 1/4, Section 8, T 9 S, R 17 E, S.L.B. & M., Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

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

Alvin Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	12/31/81
PARTY	GS, TJ	JH	REFERENCES GLO PLAT
WEATHER	CLOUDY/COLD	FILE	ENSERCH

** FILE NOTATIONS **

DATE: 2-16-82

OPERATOR: Emerich Exploration, Inc

WELL NO: Monument Butte Federal 1-8

Location: Sec. 8 T. 9S R. 17E County: Rushmore

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-013-30643

CHECKED BY:

Petroleum Engineer: _____

Director: aK rule C-3

Administrative Aide: help per Rule C-3

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Std.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

February 19, 1982

Enserch Exploration, Inc.
1230 River Bend Drive #136
Dallas, Texas 75247

RE: Well No. Monument Butte Federal 1-8
Sec. 8, T. 9S, R. 17E
Duchesne County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immedeately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30643.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/as
Encl.
cc: BSGS



United States Department of the Interior

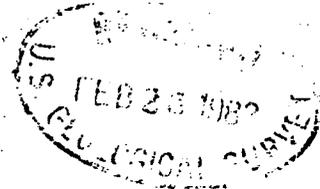
IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

February 22, 1982

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104



Re: Joint Onsite Inspection
Enserch Exploration Inc.
T9S, R16E, Section 3,
Castle Peak #1-3
T9S, R16E, Section 33,
Pleasant Valley #1-33
T9S, R17E, Section 3,
Monument Butte #1-3
T9S, R17E, Section 8,
Monument Butte #1-8

Dear Mr. Guynn:

On February 22, 1982, a joint onsite inspection was made of the above referenced well site location and access road by people representing Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

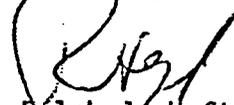
1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.

7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required by O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. Reserve pits will be fenced with a wire mesh fence topped with at least one (1) strand of barbed wire.
9. At Pleasant Valley #1-33, the location will be moved 150' northeast so as to miss archaeological sites 42 DC 388 and 42 DC 389. The topsoil will be stockpiled at corner #2.
10. At Monument Butte #1-3, the topsoil will be stockpiled between points 5 and 6.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill site and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain
Resource Area

cc: USGS, Vernal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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3. ADDRESS OF OPERATOR

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19. PROPOSED DEPTH 6000'

20. ROTARY OR CABLE TOOLS Rotary

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

5319' GR

22. APPROX. DATE WORK WILL START*

April 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circulate to Surface
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24. SIGNED C. H. Peoples TITLE Regional Drilling Manager DATE February 2, 1982
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. W. Mouton FOR E. W. GUYNN
 CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR DATE MAR 02 1982

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL-4A DATED 1/1/80

STATE O&G

RECEIVED
MAR 03 1982

DIVISION OF
OIL, GAS & MINING

Minerals Management Service
Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RECEIVED
MAR 1 1982
SALT LAKE CITY, UTAH

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Enserch Exploration
Project Type Oil Well
Project Location 600' FSL & 600' FEL - Section 8, T. 9S, R. 17E
Well No. 1-8 Lease No. U-40326
Date Project Submitted February 9, 1982

FIELD INSPECTION

Date February 22, 1982

Field Inspection
Participants

- Greg Darlington - MMS, Vernal
- Gary Slagel - BLM, Vernal
- Gene Stewart - Enserch
- Leonard Heeney - Ross Construction
- Earl Cady - Ross Construction

Related Environmental Documents: Unit Resource Analysis - Duchesne Planning Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects, and, therefore, does not represent an exception to the categorical exclusions.

March 1, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

MAR 01 1982
Date

W. M. Martin
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

PROPOSED ACTIONS:

Enserch Exploration plans to drill the Monument Buttes #1-8 well, a 6000' oil test of various formations. A new access road of 100' in length is planned. A pad 155' x 325' and a reserve pit 100' x 150' are requested for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations;
2. lease stipulations; and
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1,2,4,6	2-22-82	
Unique charac- teristics									
Environmentally controversial									
Uncertain and unknown risks									
Establishes precedents									
Cumulatively significant									
National Register historic places									
Endangered/ threatened species									
Violate Federal, State, local, tribal law							✓	✓	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*

ENSERCH EXPLORATION, INC.
10 POINT DRILLING PLAN
FOR
MONUMENT BUTTE #1-8 FEDERAL
LOCATED IN
SECTION 8, T9S-R17E, S. L. B. & M.
DUCHESNE COUNTY, UTAH

1. Geological Name of Surface Formation

(A) Uinta Formation of Eocene Age

2. Estimated Tops of Important Geological Markers

Formation	Sub-Sea Depth	In Hole Depth
(A) Evacuation Creek	+2795'	2524'
(B) Garden Gulch	+1365'	3954'
(C) Douglas Creek	+ 795	4524'
(D) Lower Douglas Creek	+ 175	5144'

3. Estimated Depths of Anticipated Water, Oil or Gas

Formation	Depth	
(A) Uinta	300-2500'	Water
(B) Evacuation Creek	2524'	Gas/Water
(C) Garden Gulch	3954'	Oil & Gas/Water
(D) Douglas Creek	4524'	Oil & Gas
(E) Lower Douglas Creek	5144'	Oil & Gas/Water

4. Proposed Casing Program

	<u>Setting Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Condition</u>
(A)	0 to 300'	8-5/8"	24 lb/ft	K-55, STC	New
(B)	0 to 6000'	5-1/2"	15.5 lb/ft	K-55, STC	New

5. Specifications for Pressure Control Equipment

- (A) An 11 inch, 3000 psi working pressure double hydraulic BOP with pipe and blind rams will be installed on the casinghead prior to drilling below the surface casing. A spherical preventer or rotating head will also be installed.
- (B) All BOP equipment will be pressure tested to 2000 psi.
- (C) The ram preventers will be tested daily to assure correct operation.

6. Proposed Circulating Medium

A KCL brine water system will be used from 300' to total depth with additives to control solids flocculation, corrosion, viscosity and fluid loss. If additional weight is needed to control pressures or heaving shale, a gel-chemical fresh water mud will be used with Barite as needed to control pressure.

7. Auxiliary Equipment

- (A) An upper kelly cock will be kept in the string at all times.
- (B) A float at the bit will not be used.
- (C) A full opening safety valve will be kept on the floor for stabbing into the drill pipe when the kelly is not in the string.
- (D) A mud logging unit with gas detecting equipment will be used from 300' to total depth.

8. Testing, Coring and Logging Program

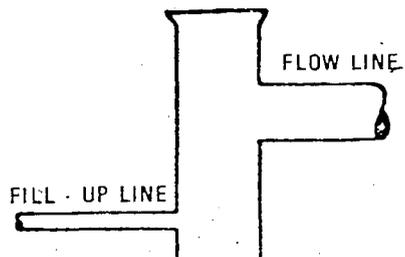
- (A) Drill Stem Tests are not anticipated.
- (B) Coring is not anticipated.
- (C) A suite of logs consisting of DLL/GR/BHC, and CNL/FDC will be run from total depth to the bottom of the surface casing.

9. Anticipated Abnormal Pressures, Temperatures or Hazards

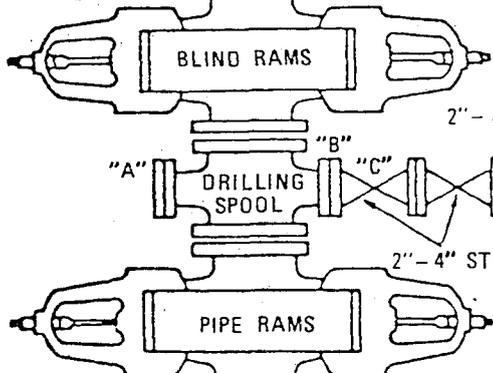
- (A) No abnormal pressures are anticipated.
- (B) No abnormal temperatures are anticipated.
- (C) No potential hazards or H₂S are anticipated.

10. Starting Date and Duration of Operations

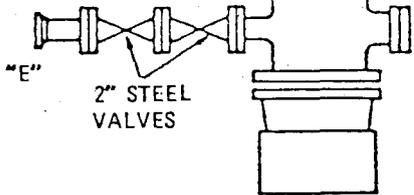
- (A) The anticipated starting date will be dependent on rig availability but is expected to be on or about April 15, 1982.
- (B) This well is anticipated to be drilled in 14 to 20 days.



Minimum BOP Requirements
3000 psi W.P.
THREE PREVENTER HOOKUP

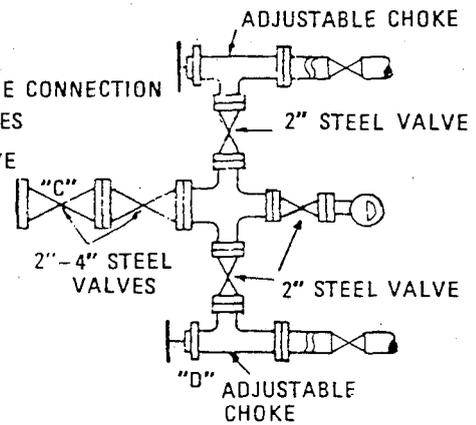
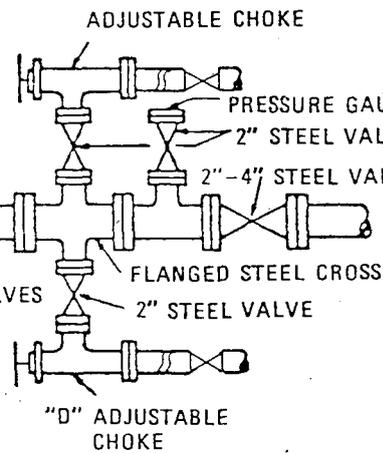


WHILE DRILLING, BOTH VALVES ARE KEPT CLOSED



CHOKE MANIFOLD

* ALTERNATE CHOKE MANIFOLD



IF POSSIBLE, CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

ENSERCH EXPLORATION INCORPORATED

13 Point Surface Use Plan

for

Well Location

Monument Butte #1-8

Located In

Section 8, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

ENSERCH EXPLORATION INCORPORATED
Monument Butte #1-8
Section 8, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach ENSERCH EXPLORATION INCORPORATED, well location site Monument Butte #1-8, located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed West out of Myton, Utah along U.S. Highway 40 1.6 miles to the junction of this highway and Utah State Highway 53 to the South; proceed South along Utah State Highway 53 1.6 miles to its junction with Utah State Highway 216; proceed in a Southeasterly direction along this Highway 11.8 miles to the point that the planned access road (to be discussed in item #2) leaves the existing road and proceeds in an Easterly direction to the proposed location site.

The Highways 40 and 53 mentioned above are bituminous surfaced roads and are maintained by state crews; the above mentioned Highway 216 is a gravel surfaced road and is maintained by State & County Crews.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well. (At such time that production is established).

The roads that are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8, T9S, R17E, S.L.B. & M., and proceeds in a Easterly direction 100' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from normal meterological conditions that are prevalent to this area.

2. PLANNED ACCESS ROAD - Continued

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

There will be no culverts required along this access road.

The grade along this road is relatively flat but will not exceed 8%. This road will be constructed from native borrow accumulated during its construction.

There will be no turnouts required along this road.

There are no fences encountered along this road. There will be no Cattleguards required along the road.

3. EXISTING WELLS

There are wells within a one mile radius of this location site. See topographic Map "B" for the location of these wells relative to the proposed location site. (See location plat for placement of Enserch Exploration Incorporated well location site within the Section).

There are no water wells, abandoned wells, shut in wells, injection wells or wells for other Resources within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Enserch Exploration Incorporated gathering, injection, or disposal lines within a one mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Items #7 and #10.

5. LOCATION AND TYPE WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled from the Duchesne River at a point where it runs under U.S. highway 40 approximately 15 miles Northeast of the proposed location site. This water will be hauled by truck over existing roads and the proposed access road.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the surface of the existing ground.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have overhead wire with flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation are attempted.

7. METHODS OF HANDLING WASTE DISPOSAL - Continued

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A temporary trash basket will be supplied and will be placed on the location site. This trash basket will be used to contain trash accumulated at the sight. The trash will be hauled to the nearest Sanitary land fill.

All flammable materials will be burned and the buried upon completion of this well. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location layout sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. As mentioned in Item #7, if the reserve pits contain oil, they will be completely fenced and overhead wire and flagging installed. they will then be allowed to dry before covering.

10. PLANS FOR RESTORATION OF SURFACE - Continued

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket will be hauled to the nearest Sanitary Land Fill. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representatives when the moisture content of the soil is adequate for germination.

The lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10. These activities shall begin within 90 days after completion of the well, and shall be completed within 30 days thereafter.

11. OTHER INFORMATION

The topography of the General Area - (See Topographic Map "A")

The area is a basin formed by the Uinta Mountains and Duchesne River to the North and the Green River and the Roan Plateau to the South.

The Basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep with ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the Green River to the South and East, of which the numerous washes, draws and non-perennial streams are tributaries to.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rainstorms of high intensity that lasts over an extended period of time and are rare in nature as the normal annual precipitation is only 8".

All Drainages in the immediate area are non-perennial streams and flow Southerly to the Green River.

The geologic structures of the area that are visible are of the Uinta Formation (Eocene Epoch) Tertiary Period in the Upper elevations and the Cobblestone and younger alluvial deposits from the Quaternary Period.

11. OTHER INFORMATION - Continued

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil to poorly graded gravels to a clayey (OL) type soil.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of areas of sagebrush, rabbitbrush, some grasses and cacti in the areas away from and in the vicinity of non-perennial streams. In the areas that are formed along the edges of perennial streams cottonwood, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The Birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The topography of the Immediate Area - (See topographic Map "B")

Monument Butte #1-8 is located on Pariette Bench South of Castle Peak Draw a non-perennial drainage which drains to the Southeast into the Green River.

The terrain in the immediate vicinity of the location slopes Northerly with the grade varying from about 2% to 5%. Runoff from this area flows North to Northeast into several small washes which in turn feed a few larger drainages that flow North-easterly into the Castle Peak Draw at a point approximately 3 miles Northeast of the location site.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location site is administered by the B.L.M.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, Historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

ENSERCH EXPLORATION INCORPORATED
Monument Butte #1-8
Section 8, T9S, R17E, S.L.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

C.H. Peeples
ENSERCH EXPLORATION INC.
1230 Riverbend Drive #136
Dallas, TX. 75247

1-214-630-8711.

13. CERTIFICATION

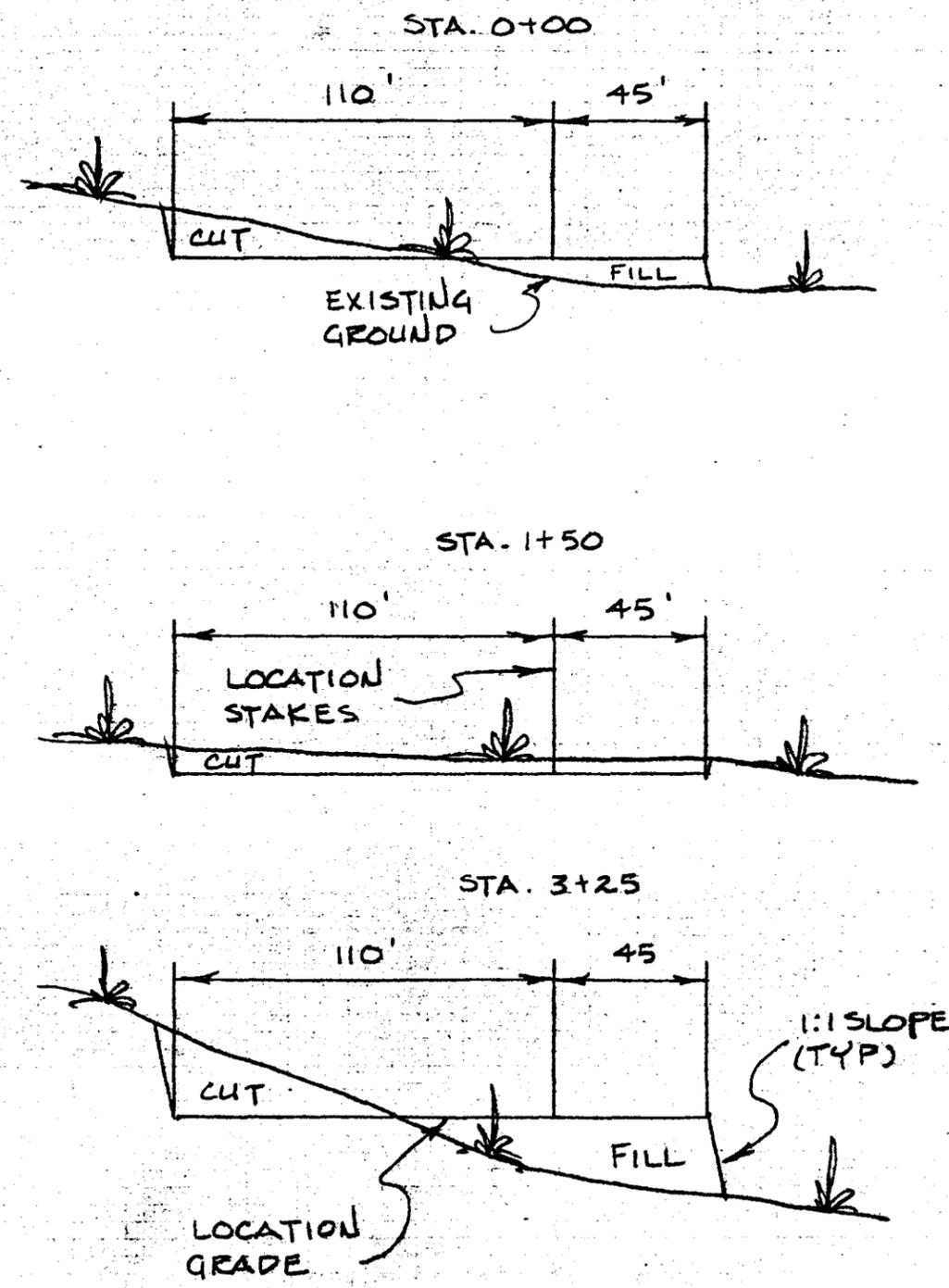
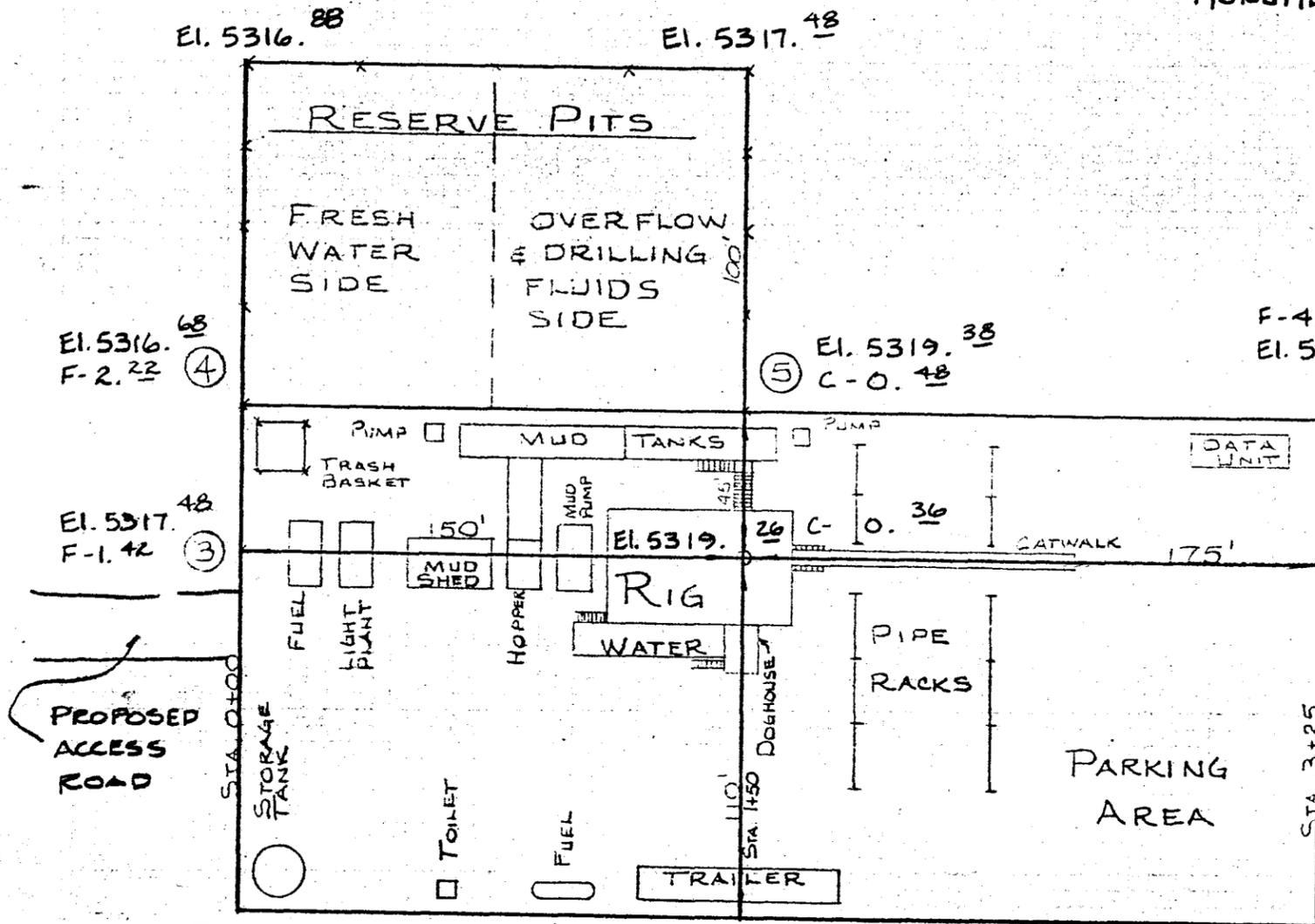
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by ENSERCH EXPLORATION INCORPORATED and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Feb. 2, 1982
Date

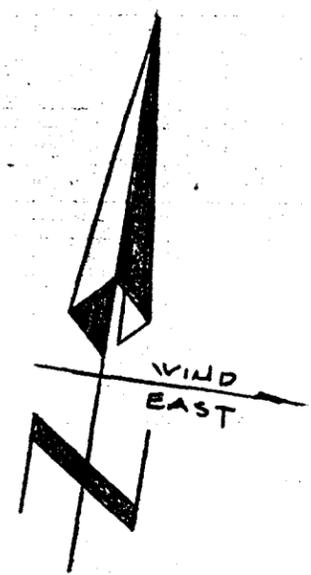
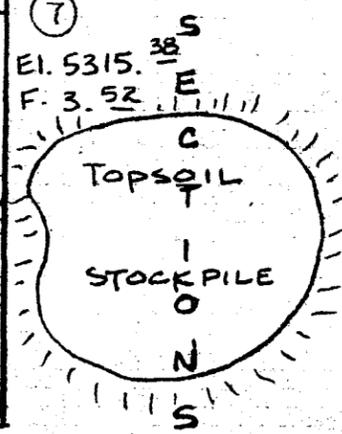
C.H. Peeples
C.H. Peeples
Regional Drilling Manager

ENSERCH EXPLORATION INC.

MONUMENT BUTTE #1-8

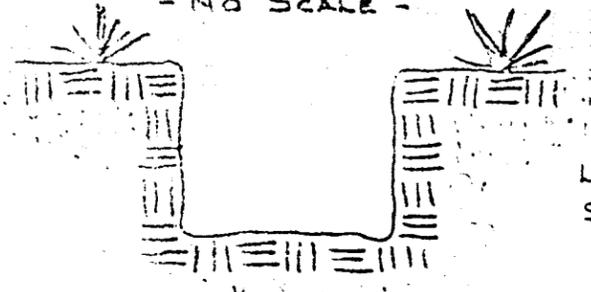


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SCALE 1" = 50'

SOILS LITHOLOGY
- NO SCALE -



1" = 10'
SCALES
1" = 50'

APPROX. YARDAGES

CUT - 1535	CU. YDS.
FILL - 1199	CU. YDS.

ENSERCH EXPLORATION INC.
MONUMENT BUTTE #1-8

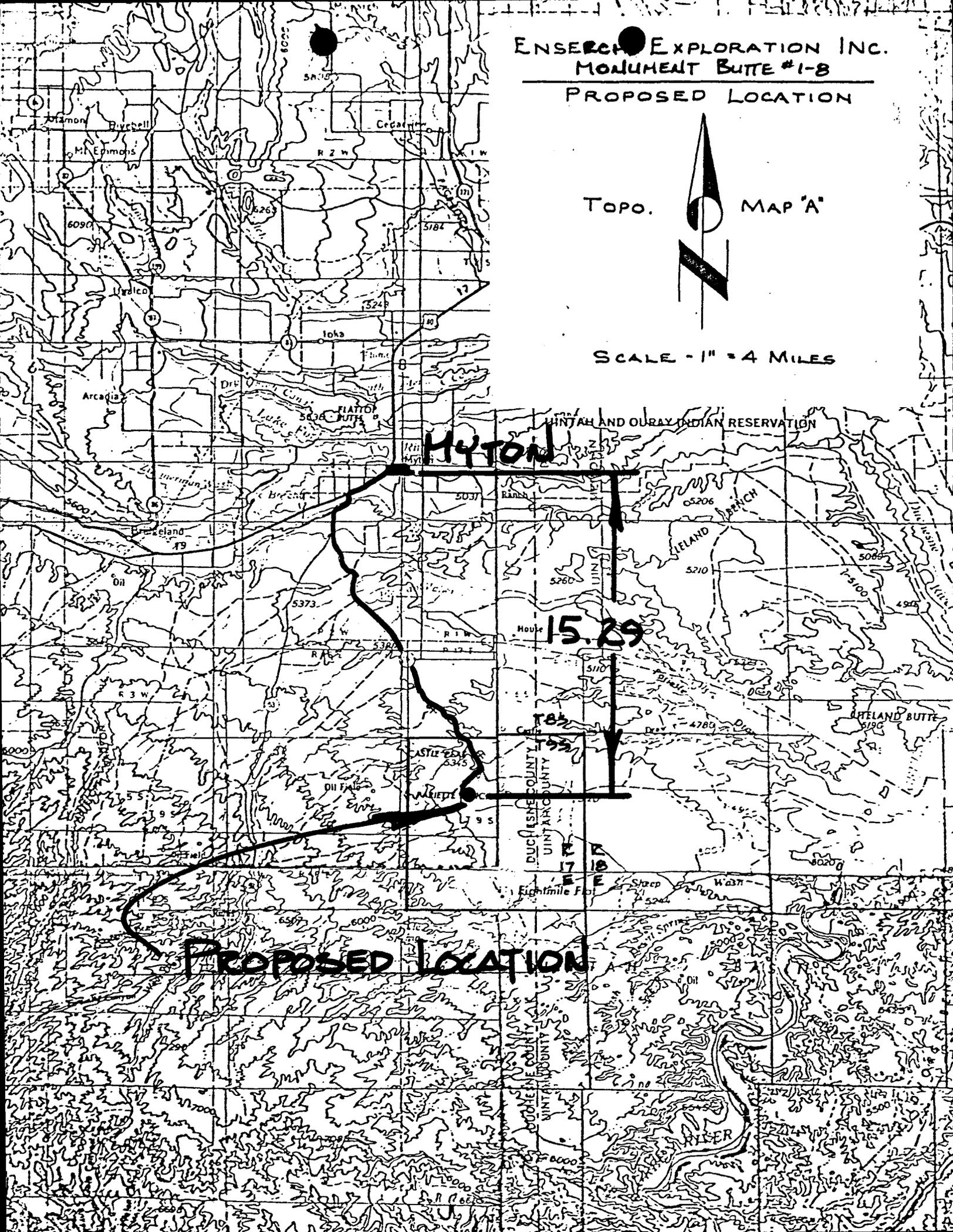
PROPOSED LOCATION

TOPO.

MAP 'A'



SCALE - 1" = 4 MILES



MYTON

MOUNTAIN AND OURAY INDIAN RESERVATION

MELAND BUTTE

MELAND BUTTE

DUC FISHER COUNTY

UINTAR COUNTY

COCHISE COUNTY

SANTA RITA COUNTY

PROPOSED LOCATION

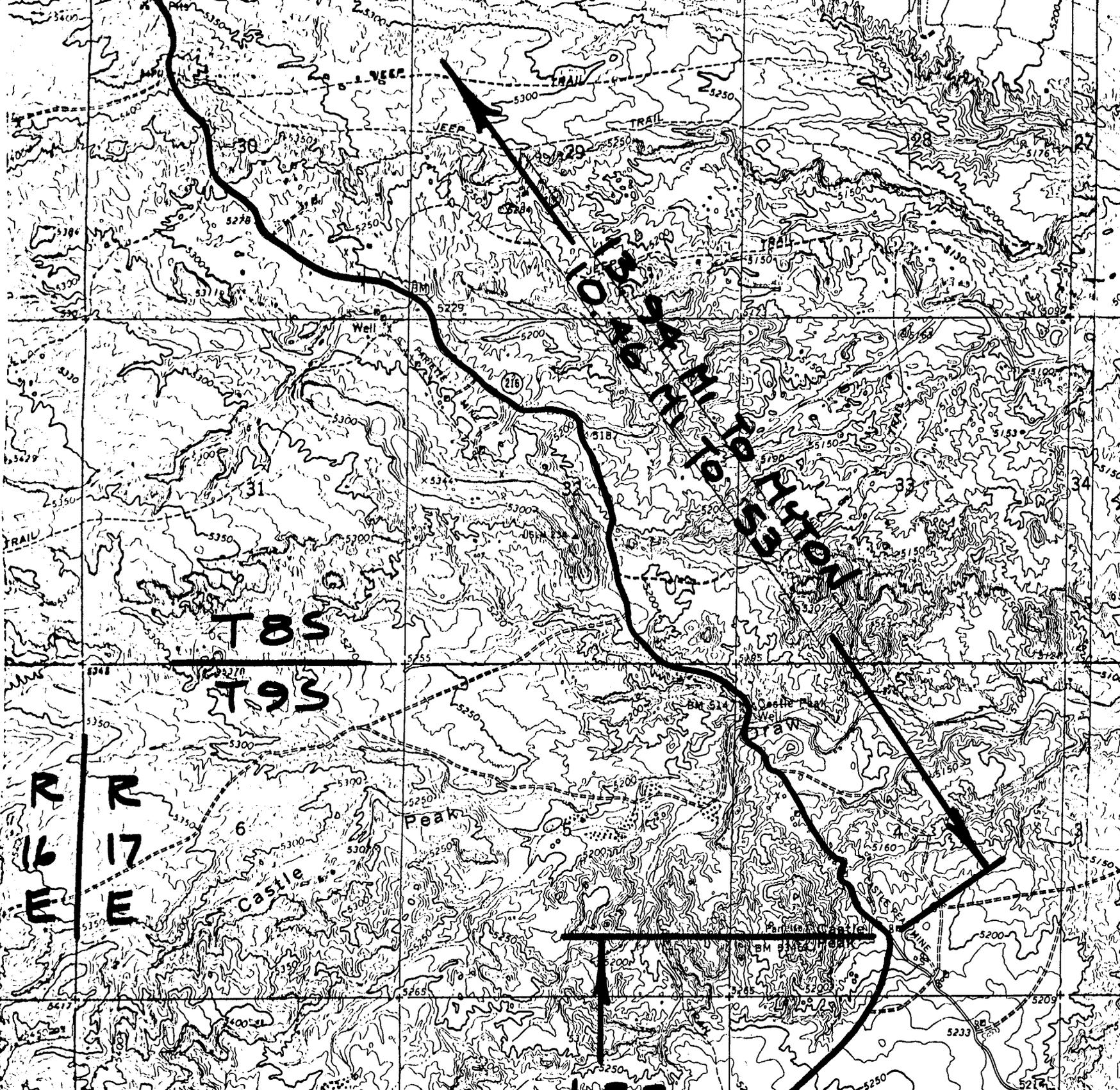
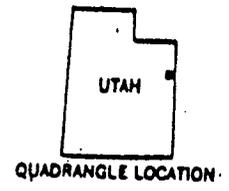
ENSERCH EXPLORATION INC.
MONUMENT BUTE #1-B
PROPOSED LOCATION

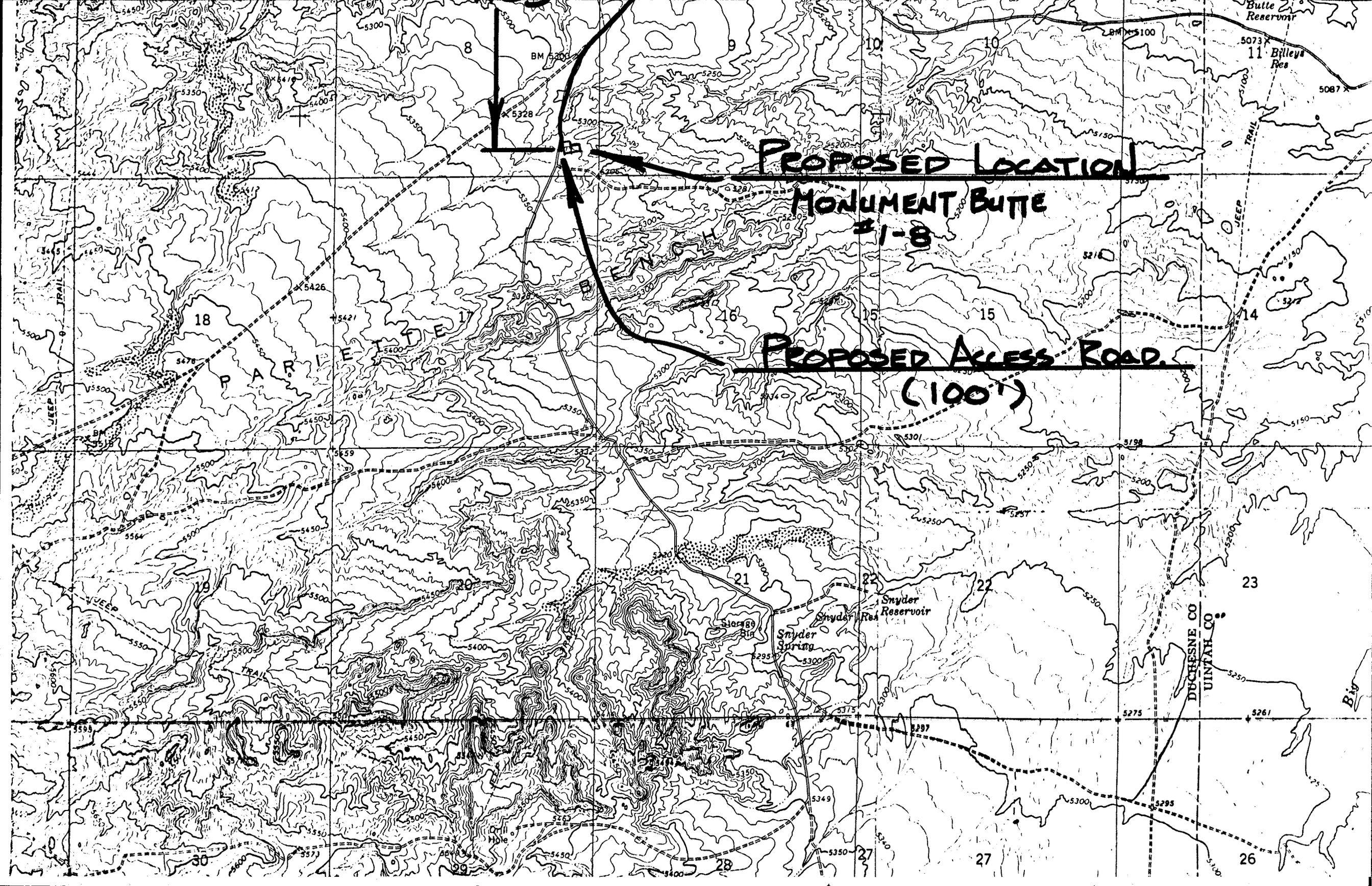
TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION
Light-duty road, all weather, Improved surface _____
Unimproved road, fair or dry weather.....





PROPOSED LOCATION

**MONUMENT BUTTE
#1-8**

**PROPOSED ACCESS ROAD
(100')**

P A R I E T E

Snyder Reservoir
Snyder Spring

DUCHESE CO
UINTAH CO

Butte Reservoir

11 Billeys Res

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**ENSERCH
EXPLORATION** INC

1230 River Bend Drive
Suite 136
Dallas, Texas 75247
214/630-8711

March 15, 1983

State of Utah
Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114
Attn: Ms. Cari Furse

Re: Pleasant Valley No. 1-33
Section 33-T8S-R16E
Duchesne County, Utah

Monument Butte Federal No. 1-8
Section 9-T9S-R17E
Duchesne County, Utah

Dear Ms. Furse

In reference to the captioned wells, neither has spudded since approval was obtained from your office.

The Pleasant Valley No. 1-33 was farmed out to another operator (Lomax Exploration) and will not be drilled by our company as far as we know at this time. Please consider this well as one that will not be drilled.

The Monument Butte Federal No. 1-8 may be drilled at a later date but only after we resubmit our Application for Permit to Drill to the Minerals Management Service. Our previous permit for this well expired March 2, 1983. Therefore please keep this well on an active basis.

Please acknowledge your receipt of this letter by signing the attached copy in the space provided and returning it in the self-addressed stamped envelope.

If there are any questions or you need additional information, please advise.

Very truly yours

R. S. Brashier

R. S. Brashier
Regional Drilling Engineer

RSB/hrs

Attach



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 8, 1983

Enserch Exploration, Inc.
1230 River Bend Drive, # 136
Dallas, Texas 75247

RECEIVED
MAR 10 1983
WEST DRILLING

Re: Well No. Pleasant Valley # 1-33
Sec. 33, T. 8S, R. 16E.
Duchesne County, Utah

Well No. Monument Butte Fed. # 1-8
Sec. 9, T. 9S, R. 17E.
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Well Records Specialist

CF/cf

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

April 4, 1983

Enserch Exploration Inc.
1230 River Bend Drive, #136
Dallas, Texas 75247

*Do not rescind
as they requested
in letter of
3-15-83*

Re: Rescind Applications for Permit
to Drill
Well No. 1-33 ✓
Section 33, T. 8 S., R. 16 E.
Lease U-34173

Well No. 1-8
Section 8, T. 9 S., R. 17 E.
Lease U-40326
Both in Duchesne County, Utah

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved March 2, 1982. Since that date no known activity has transpired at the approved locations. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approvals of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of the wells will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. F. MARTENS
Drilling Unit Supervisor

W E. W. Guynn
District Oil and Gas Supervisor

bcc: Well File
SMA
State O&G ✓
State BLM
APD Control
Vernal or Durango

WPM/kr

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR
1230 River Bend Dr., #136, Dallas, TX 75247

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 600' FSL & 600' FEL (SE $\frac{1}{4}$, SE $\frac{1}{4}$)
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U-40326

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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
1-8

10. FIELD OR WILDCAT NAME
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8, T9S, R17E, SLB & M

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30643

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5319' GR

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

(other) Request for reinstatement of Application for Permit to Drill.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Application for Permit to Drill was approved by your office on March 2, 1982. It is anticipated that this well will be drilled in the near future. As the A.P.D. is no longer valid, it is requested that the Permit be re-activated as originally submitted. In addition, it is requested that the onsite inspection be waived. The original onsite was held on February 23, 1982.

A copy of the approved A.P.D. has been attached.

AUG 11 1983

DIVISION OF

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED C. H. Peeples TITLE Regional Drilling Manager DATE August 9, 1983

(This space for Federal or State office use)

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

ENSERCH
EXPLORATION INC.

1230 River Bend Drive
Suite 136
Dallas, Texas 75247
214/630-8711

August 9, 1983

C. H. Peeples
Regional Drilling Manager
Western Region
Drilling Department

Division Director
State of Utah
Natural Resources and Energy
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

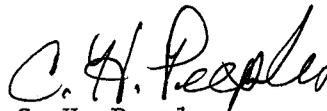
Re: Monument Butte Federal No. 1-8
Section 8, T9S, R17E
Duchesne County, Utah
Lease No. U-40326

Dear Sir:

The Drilling Permit for the captioned well expired on March 2, 1983 with the Bureau of Land Management. It is now anticipated that this well will be drilled in the near future and we are currently applying to the B.L.M. for reinstatement of the original Application for Permit to Drill. We also request that this well be reactivated by your office. A copy of the request to the B.L.M. and Form 9-331C, showing the original approval of this permit by your office and the B.L.M., have been included with this letter. Your timely handling of this matter is greatly appreciated.

If there are any questions or you need additional information, please advise.

Yours very truly,


C. H. Peeples

MEK/klm

Enclosures

AUG 11 1983

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR
1230 River Bend Drive, Suite 136 - Dallas, Texas 75247

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
600' FSL & 600' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$)
At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
600'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5319' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	Circulate to Surface
7-7/8"	5-1/2"	15.5#	6000'	Sufficient to cover productive zones and protect oil shale and aquifers.

Propose to drill a 12-1/4 inch hole to 300 feet, set 8-5/8 inch casing and cement to surface. An 11 inch x 3000 psi bradenhead and 11 inch x 3000 psi double hydraulic pipe and blind rams, and spherical BOP's will be installed and tested to 2000 psi. A 7-7/8 inch hole will then be drilled to a total depth of 6000 feet with a KCL Brine water base drilling fluid. If the well evaluates to be productive, 5-1/2 inch production casing will be run and cemented. If not, the well will be plugged according to MMS requirements. The location will be restored as per B.L.M. instructions, and a dry hole marker erected.

This permit was originally approved on March 2, 1982 but was rescinded on April 4, 1983.

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

24. SIGNED C. H. Peoples TITLE Regional Drilling Manager DATE August 12, 1983
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE Asst Mgr DATE 8-31-83
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Ut 080-3-M-096
State Oct 2
*See Instructions On Reverse Side
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

5. LEASE DESIGNATION AND SERIAL NO.
U-40326

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
1-8

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T9S, R17E, S.L.B.&M.

12. COUNTY OR PARISH
Duchesne

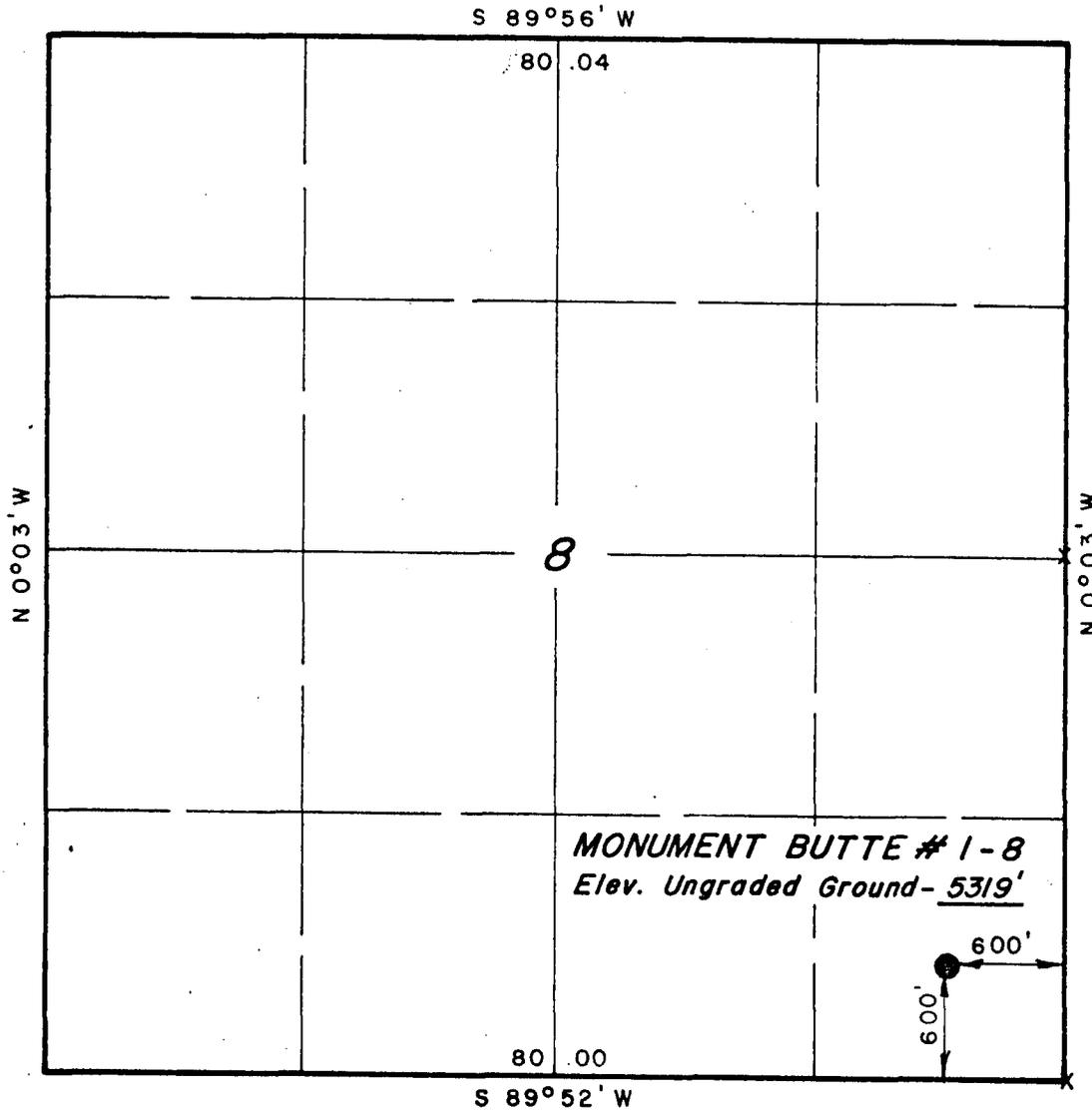
13. STATE
Utah

DIVISION OF OIL, GAS & MINING

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

PROJECT
ENSERCH EXPLORATION INC.

Well location, **MONUMENT BUTTE #1-8**, located as shown in SE 1/4 SE 1/4, Section 8, T9S, R17E, S.L.B.&M., Duchesne County, Utah.



CERTIFICATE

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

James Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

X = Section Corners Located

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

SCALE	1" = 1000'	DATE	12/31/81
PARTY	GS, TJ	JH	REFERENCES GLO PLAT
WEATHER	CLOUDY/COLD	FILE	ENSERCH

Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons (and gilsonite or saline minerals) in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale (and gilsonite or saline minerals) resource(s). Surface casing program may require adjustment for protection of fresh water aquifers.

(See attached tentative casing and cementing program for the Uintah Basin.)

NOS _____
APD 7/1 080-3-M-076
Company Enserch Exploration
Well Monument Butte 1-8
Section 8 T 9S R 17E
Lease U-40326
Onsite Date 2-22-82

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
RECLAMATION PROCEDURES

CONSTRUCTION

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development".
2. The maximum width of access roads will be 30 feet total disturbed area.
3. Topsoil will be stockpiled. The top 6-10 inches of topsoil material will be removed from the location and stockpiled on the east end of the location.
4. Burning will not be allowed. All trash must be contained and hauled to the nearest sanitary land fill.
5. The reserve pit will be lined with native clay, commercial bentonite, or plastic sufficient to prevent seepage.
6. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.
7. The operator or his contractor will contact the Vernal District BLM, Diamond Mountain Resource Area, 48 hours prior to beginning any work on public land.
8. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
9. A cultural resource clearance is required before any construction begins. The clearance has been granted by Archaeological-Environmental Research Corporation.

REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be hauled to a local sanitary land fill.
2. The operator or his contractor will contact the Vernal BLM, Diamond Mountain Resource Area, 48 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all trash (cans, barrels, pipe, etc.) must be removed.
4. All disturbed areas must be recontoured to the approximate natural contours.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. Prior to reseeding, all disturbed areas, including the access road, will be scarified and left with a rough surface.
7. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some such implement will be dragged over the seeded area to assure seed coverage.
8. The access will be blocked to prevent any vehicle use.
9. If any cultural resources are found during construction, all work will stop and the BLM will be notified.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed with the methods described in the rehabilitation section. Stockpiled topsoil will be used in reclaiming the unused areas.
2. All permanent [on site for six (6) months duration or longer] structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earthtone color to match the standard environmental colors, Rocky Mountain 5 State Interagency Committee. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) are excluded.

DUCHESNE COUNTY, UTAH
MONUMENT BUTTE FEDERAL NO. 1-8 ✓

"INITIAL DRILLING REPORT" 10-3-83

Contractor: T. W. T. Exploration, Inc. Rig No. 58
 Location: 600' FSL and 600' FEL, Section 8 -
 T9S-R17E
 Elevation: 5319' GR
 Proposed T.D.: 6000'
 Primary Objectives: Garden Gulch Member (Pay Zone No. 1) @ approx. 3955'
 Douglas Creek Member (Pay Zone No. 2) @ approx. 4525'
 Douglas Creek Member (Pay Zone No. 3) @ approx. 4915'
 100%

Spudded 12-1/4 inch hole at 2:00 a.m. (MST) 10-2-83. Drilled to 300 feet in sand and shale. Ran 8-5/8 inch casing to 300 feet and cemented with 220 sacks Class C cement with 2% cc + 3% salt + 1/4# per sack of D-29 flakes. Plug down at 7:55 p.m. (MST) 10-2-83. Circulated good cement to surface. Presently nipling up BOP stack.

Finished nipling up and tested BOP stack to 2000 psi. Tested casing to 1000 psi. Drilled 391'. Drilling at 691' in shale, sandstone and siltstone. Survey: 421' - 1/2°. MW - 8.4, VIS - 28, PH - 11.5. 10-4-83

Drilled 1319'. Drilling at 2010' in limestone and shale. Surveys at 920' - 1-1/2°, 1270' - 1-1/2° and 1763' - 1°. MW - 8.4, VIS - 28, PH - 11.5. 10/5/83

Drilled 1118'. Drilling at 3128' in limestone and shale. Surveys at 2317' - 1-1/4° and 2841' - 2°. MW - 8.5, VIS - 28, PH - 10. 10/6/83

Drilled 916'. Drilling at 4044' in sandstone, limestone, silt and shale. Surveys at 3390' - 2-1/2° and 3640' - 1-3/4°. MW - 8.5, VIS - 28, PH - 10.5. 10/7/83

	Producer	Thru Casing	Dry Hole
Approved Cost	\$491,920	\$217,500	\$150,300
Cost to Date	65,963	65,963	65,963
Est. to Comp.	425,957	151,537	84,337

Drilled 1804' to 5848' in limestone, shale and sandstone. Surveys at 4186' - 2°, 4670' - 2°, 5150' - 2° and 5466' - 2°. Had drilling breaks from 4102' to 4110', 4726' to 4734', 4784' to 4792', 5082' to 5090' and 5426' to 5438' with trace to fair fluorescence and good to fair shows with maximum 646 units gas. Presently pulling out of hole to log. MW - 8.5, VIS - 28, PH - 10. 10/8-10/83

TD 5848'.. Dresser Atlas ran DLL/Microlog/SP/GR/Caliper from 5846' (logger's TD) up to 299'; ran CDL/CNL/GR/Caliper from 5846' up to 3200'. Conditioned hole. Presently laying down drill pipe to run 5-1/2" casing. MW - 8.5, VIS - 28, PH - 10. 10/11/83

"FINAL DRILLING REPORT" 10/12/83
 TD 5848'. Finished laying down drill pipe. Ran 5-1/2" casing set at 5848'. Cemented with 20 bbls Spacer, 10 bbls mud flush and 168 sacks Hi-Lift + 3% salt, tailed with 476 sacks class "G" + 5#/sk Kolite. Plug down at 3:00 PM (MDT), 10/11/83. Had good circulation throughout job. Set slips on 5-1/2" casing with 80,000#. Cleaned mud pits and released T.W.T. Exploration Inc.'s Rig No. 58 at 9:00 PM (MDT), 10/11/83. Cost to Date = \$192,186.

OCT 17 1983
 DIVISION OF
 OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR
1230 River Bend #136 - Dallas, Texas 75247

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 600' FSL & 600' FEL (SE-SE)
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Drilling Operations</u> <input checked="" type="checkbox"/>	

5. LEASE U-40326 ✓

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
1-8

10. FIELD OR WILDCAT NAME
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8-T9S-R17E - S.L.B.&M.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. API NO.
43-013-30643

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5319'GR, 5334.9' DF, 5335.9' KDB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded 12-1/4 inch hole at 2:00 a.m. 10-2-83 and drilled to 300'. Ran 300' of 8-5/8 inch, 24#, K-55, STC casing and cemented to surface with 220 sacks Class G + 2% cc + 3% salt + 1/4#/sack D-29. Installed 8-5/8 inch x 11 inch x 3000 psi wellhead, nipped up 11 inch x 3000 psi BOP stack and tested to 2000 psi. Drilled 7-7/8 inch hole to 5848 feet and ran a full suite of open hole logs. Ran 5848 feet of 5-1/2 inch, 15.5#, K-55, STC casing and cemented back to surface casing with 168 sacks Hi-Lift + 3% salt and 476 sacks RFC 10-0 + 5# Kolite. Floats held okay. Released Rig 10-11-83. Completion reports will be submitted from our Production Office at:

Enserch Exploration, Inc.
1322 Metro Bank Building 475-17th
Denver, Colorado 80202

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED C. H. Peoples TITLE Reg. Drlg. Mgr. DATE October 20, 1983
C. H. Peoples

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Enserch Exploration, Inc. (303) 298-8295</p> <p>3. ADDRESS OF OPERATOR 475-17th Street, Suite 1300, Denver, Colorado 80202</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 600' FSL, 600' FEL (SE SE)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-40326</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME N/A</p> <p>8. FARM OR LEASE NAME Monument Butte Federal</p> <p>9. WELL NO. #1-8</p> <p>10. FIELD AND POOL, OR WILDCAT Monument Butte</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T9S, R17E SLBM</p>	
<p>14. PERMIT NO. 43-013-30643</p>	<p>15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5319' GR, 5334.9' DF, 5335.9' KDB</p>	<p>12. COUNTY OR PARISH Duchesne</p>	<p>13. STATE Utah</p>

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well was drilled to a total depth of 5848'. Logs were run and 5½" casing was set at 5848'. Moved in Pool Well Service Rig No. 338. Perforated 5691-5696' with 2 spf (12 holes). Broke down perms with 1000 gals 5% KCL with clay stab. Recovered 40 barrels water with no gas or oil show on swab. Fraced with 78,800# 20/40 sand. Screened off with 22,800# of 8# sand in formation. Recovered water with trace of oil and slight gas blow. Perforated 5422-5441' with 2 spf (40 holes). Broke down with 2000 gals KCL with clay stab. Recovered water with trace of oil on swab. Fraced with 100,000# 20/40 sand, 5240 gals 5% KCL. Recovered 90 barrels water with trace of oil and slight gas blow. Cleaned out sand. Ran in hole with rods and pump. Released Pool Well Service Rig No. 338. Pump tested well. Rigged up Pool Rig No. 338 and pumped clean up fluid. Recovered all clean up fluid. Recovered 3 barrels water with trace of oil. Presently swab testing well.

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

SIGNED Danny E. Hagins TITLE Production Superintendent DATE 11/22/83

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 30 1984

5. LEASE
U-40326

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
No. 1-8

10. FIELD OR WILDCAT NAME
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8, T9S, R17E, S1BM

12. COUNTY OR PARISH: 13. STATE
Duchesne Utah

14. API NO.
43-013-3064

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5319' GR, 5334.9 DF, 5335.9 KDB

SUNDRY NOTICES AND REPORTS ON GAS & MINING WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Enserch Exploration, Inc. (303) 298-8295

3. ADDRESS OF OPERATOR
475 17th Street, Suite 1300 Denver, Co. 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 600' FSL, 600' FEL (SE SE)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(other) Progress Report <input type="checkbox"/>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Perforated Green River from 4780'-86' with 2 SPF. Broke down formation with 1000 gals. 5% KCL water. Treated perms with 28,000 gals. gelled KCL water with 59,000# 20/40 sand, screened off with 10,700# of 6# in formation. Swabbed well back. Perforated Green River from 4710'-26' with 2 SPF. Broke down formation with 1000 gals. 5% KCL water. Treated perms with 28,000 gals. gelled KCL water with 66,000# 20/40 sand, screened out with 10,000# of 8# in formation. Swabbed well back, ran tubing and anchor equipped for pumping. Ran Rods & Pump hung well off and began pumping operations.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Danny C. Hagins TITLE Production Superintendent DATE 1/17/84

(This space for Federal or State office use)

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

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

2
16

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Enserch Exploration, Inc. (303) 298-8295

3. ADDRESS OF OPERATOR
475 17th Street, Suite 1300, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 600' FSL, 600' FEL (SE SE)
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
U-40326

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
No. 1-8

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 8, T9S, R17E, SLBM

14. PERMIT NO. 43-013-30643 DATE ISSUED 8-22-83

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 10-2-83 16. DATE T.D. REACHED 10-9-83 17. DATE COMPL. (Ready to prod.) 12-11-83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5319' GR, 5334.9 DF, 5335.9 KDB 19. ELEV. CASINGHEAD 5319'

20. TOTAL DEPTH, MD & TVD 5848' 21. PLUG, BACK T.D., MD & TVD 5806' 22. IF MULTIPLE COMPL., HOW MANY* 4 23. INTERVALS DRILLED BY → 0-5848

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5691-5696' Green River 4780-86' Green River
5422-41' Green River 4710-26' Green River

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL/Microlog, SP/GR/Caliper, CBL/Spectrolog *Sample*

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"	36#	300'	12 1/4"	220 sks. Class "C"	-0-
5 1/2"	15.5#	5848'	7 7/8"	168 sks. Hi-Lift &	-0-
				476 sks. Class "G"	

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"	5366	5054

31. PERFORATION RECORD (Interval, size and number)

5691-96'	4"	csg. gun	2 SPF (12 holes)
5422-41'	4"	"	2 SPF (40 holes)
4781-87'	4"	"	2 SPF (14 holes)
4710-26'	4"	"	2 SPF (34 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5691-96'	26,314 Gals. Gel KCL w/78,000#20/40 sd
5422-41'	29,000 Gals. Gel KCL w/100,000#20/40sd
4780-86'	28,000 Gals. Gel KCL w/59,000#20/40 sd
4710-26'	28,000 Gals. Gel KCL w/66,000#20/40 sd

33.* PRODUCTION

DATE FIRST PRODUCTION 12-11-83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2 1/2" X 1 1/2" X 16" THD WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-6-84	24	-	→	90	47	4	522/1

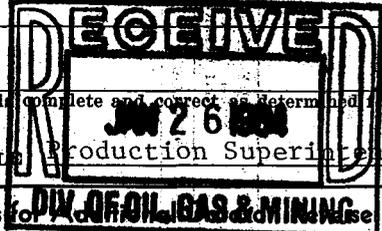
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	25#	→	90	47	4	34.8

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

35. LIST OF ATTACHMENTS

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

SIGNED *Danny E. Hagins* TITLE Production Superintendent DATE 1/17/84



*(See Instructions and Spaces for (Reverse Side))

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

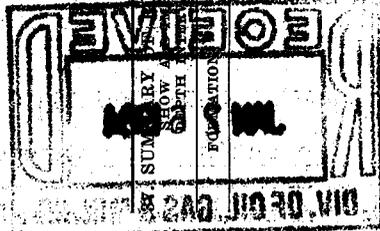
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



38. GEOLOGIC MARKERS	39. PRODUCTIONS	40. GEOLOGIC MARKERS
NAME	DESCRIPTION, CONTENTS, ETC.	NAME
MEAS. DEPTH	TOP	MEAS. DEPTH
TOP	BOTTOM	TOP
TRUB VEET. DEPTHT	TRUB VEET. DEPTHT	TRUB VEET. DEPTHT
Green River		2127'
Douglas Creek		4529'
Basil Green River		5782'

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40326
2. NAME OF OPERATOR Enserch Exploration, Inc. (303) 298-8295		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 475 17th Street, Suite 1300, Denver, Colorado 80202		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 600' FSL, 600' FEL (SE SE)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-3064		9. WELL NO. No. 1-8
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5319' GR, 5334.9 DF, 5335.9 KDB		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T9S, R17E, SLBM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) Progress Report <input checked="" type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Perforated Green River from 4780'-86' with 2 SPF. Broke down formation with 1000 gals. 5% KCL water. Treated perms with 28,000 gals. gelled KCL water with 59,000# 20/40 sand, screened off with 10,700# of 6# in formation. Swabbed well back. Perforated Green River from 4710'-26' with 2 SPF. Broke down formation with 1000 gals. 5% KCL water. Treated perms with 28,000 gals. gelled KCL water with 66,000# 20/40 sand, screened out with 10,000# of 8# in formation. Swabbed well back, ran tubing and anchor equipped for pumping. Ran Rods & Pump; hung well off and began pumping operations.



RECEIVED
UTAH STATE OFFICE
DEPT. OF INTERIOR
BUREAU OF LAND MGMT.
1984 JAN 25 AM 10:45

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

SIGNED

Danny C. Lagana

TITLE

Production Superintendent

DATE

1/17/84

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE

*See Instructions on Reverse Side

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number MONUMENT BUTTE FEDERAL NO. 1-8
Operator Enserch Exploration, Inc. Address 1230 River Bend #136 - Dallas, TX 75247
Contractor TWT Exploration, Inc. Address P. O. Box 1329, Park Cy, UT. 84060
Location SE ¼ SE ¼ Sec. 8 T. 9-S R. 17-E County Duchesne

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue of reverse side if necessary)

Formation Tops

Remarks : There were no indications of water sands encountered during the drilling of this well.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Enserch Exploration, Inc. - EP Operating Company (303) 831-1616</p> <p>3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 600' FSL, 600' FEL (SE/SE)</p> <p>14. PERMIT NO. 43-013-03064</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. U-40326</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A</p> <p>7. UNIT AGREEMENT NAME N/A</p> <p>8. FARM OR LEASE NAME Monument Butte Federal</p> <p>9. WELL NO. 1-8</p> <p>10. FIELD AND POOL, OR WILDCAT Monument Butte Field</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E SLB&M</p> <p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</p>		

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A new master limited partnership has been formed by Enserch Corporation to carry on all of the oil and gas operations previously conducted for Enserch Exploration, Inc. EP Operating Company, a Texas limited partnership, has been assigned record ownership of all properties previously operated by Enserch Exploration, Inc., and will be the new Operator of these properties effective May 1, 1985.

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

SIGNED Danny E. Hagins TITLE District Prod. Supt. New Enserch Expl., Inc. Managing General Partner DATE 5/7/85

(This space for Federal or State office use)

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

CEMENTING SERVICE REPORT



DS-496 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

EATMENT NUMBER DATE

WELL NAME AND NO.

FIELD POOL

COUNTY/PARISH

NAME

AND

ADDRESS

LOCATION (LEGAL)

FORMATION

STATE

API. NO.

RIG NAME:

WELL DATA:

		BOTTOM		TOP	
BIT SIZE	CSGL/Iner Size	5 1/2	8 1/2		
TOTAL DEPTH	WEIGHT	55			
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	55			
MUD TYPE 1L2	GRADE				
<input type="checkbox"/> BIIST <input type="checkbox"/> BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				
MUD VISC.	Disp. Capacity				

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

TYPE	DEPTH	TYPE	DEPTH

Head & Plugs	SIZE	WEIGHT	GRADE	THREADS	NEW	USED	DEPTH
<input type="checkbox"/> Double	9 3/4	6.50		8 1/2			4200
<input type="checkbox"/> Single							
<input type="checkbox"/> Swage							
<input type="checkbox"/> Knockoff							
TOP <input type="checkbox"/> R <input type="checkbox"/> W							
BOT <input type="checkbox"/> R <input type="checkbox"/> W							

SPECIAL INSTRUCTIONS
 1000 TO 1500 CLAY AS FOLLOWS
 1500 TO 1700 TO 1900 CLAY
 1900 TO 2100 TO 2300 CLAY
 2300 TO 2500 TO 2700 CLAY
 2700 TO 2900 TO 3100 CLAY
 3100 TO 3300 TO 3500 CLAY
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 144700 TO 144900 TO 145100 CLAY
 145100 TO 145300 TO 145500 CLAY
 145500 TO 145700 TO 145900 CLAY
 145900 TO 146100 TO 146300 CLAY
 146300 TO 146500 TO 146700 CLAY
 146700 TO 146900 TO 147100 CLAY
 147100 TO 147300 TO 147500 CLAY
 147500 TO 147700 TO 147900 CLAY
 147900 TO 148100 TO 148300 CLAY
 148300 TO 148500 TO 148700 CLAY
 148700 TO 148900 TO 149100 CLAY
 149100 TO 149300 TO 149500 CLAY
 149500 TO 149700 TO 149900 CLAY
 149900 TO 150100 TO 150300 CLAY
 150300 TO 150500 TO 150700 CLAY
 150700 TO 150900 TO 151100 CLAY
 151100 TO 151300 TO 151500 CLAY
 151500 TO 151700 TO 151900 CLAY
 151900 TO 152100 TO 152300 CLAY
 152300 TO 152500 TO 152700 CLAY
 152700 TO 152900 TO 153100 CLAY
 153100 TO 153300 TO 153500 CLAY
 153500 TO 153700 TO 153900 CLAY
 153900 TO 154100 TO 154300 CLAY
 154300 TO 154500 TO 154700 CLAY
 154700 TO 154900 TO 155100 CLAY
 155100 TO 155300 TO 155500 CLAY
 155500 TO 155700 TO 155900 CLAY
 155900 TO 156100 TO 156300 CLAY
 156300 TO 156500 TO 156700 CLAY
 156700 TO 156900 TO 157100 CLAY
 157100 TO 157300

CEMENTING SERVICE REPORT

DOW & SCHLUMBERGER INCORPORATED

TREATMENT NUMBER: 501155
 DATE: 8-1-60
 DISTRICT: SEARCY, WYOM.

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO.: ADAMS #1111
 LOCATION (LEGAL): Sec 8 T15 R11E
 RIG NAME: 720
 FIELD: POOL
 FORMATION: CLAY
 BIT SIZE: 7 1/2
 CSGL/Iner Size: 7 1/2
 TOTAL DEPTH: 1255
 WEIGHT: 125
 FOOTAGE: 4757
 MUD TYPE: GR
 GRADE: 7000
 MUD DENSITY: 1.10
 MUD VISC.: 100
 Displ. Capacity: 100

NAME: EMERSON
 AND:
 ADDRESS:
 ZIP CODE:
 SPECIAL INSTRUCTIONS:
plug & abandon as requested

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE: 100 PSI
 CASING WEIGHT - SURFACE AREA: 13.14 x 11'
 PRESSURE LIMIT: 100 PSI
 BUMP PLUG TO: 100 PSI
 ROTATE: 100 RPM
 RECIPROCATE: 100 FT
 No. of Centralizers: 100

TIME	PRESSURE	VOLUME PUMPED (BBL)	JOB SCHEDULED FOR TIME	ARRIVE ON LOCATION TIME	LEFT LOCATION TIME
0001 to 2400					

TIME	PRESSURE	VOLUME PUMPED (BBL)	JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
			INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0043	10	9	3	FL20					
0047	100								
0054	140	11	9	3	GR	15.8			
0057	110	24	30	3	1100				
0058	110		3	3	"				
0043	500	30	3	3	"				
0052	40	30	3	3	"				
1255	0	10	0	10	9				
1303	320	0	0	0	7				

REMARKS:

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED	
					BBLs	DENSITY
1.	24				11	5.8
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE: HESITATION SQ. RUNNING SQ.
 VOLUME: CIRCULATION LOST: YES NO
 PRESSURE: MAX. 100 MIN. 0
 Cement Circulated To Surf. YES NO BBLs:
 BREAKDOWN: PSI FINAL: 20 BBLs
 TYPE OF WELL: OIL STORAGE BRINE WATER
 GAS INJECTION WILDCAT
 Washed Thru Peris YES NO TO: FT
 MEASURED DISPLACEMENT: WIRELINE
 PERFORMANCES: TO: TO: TO: TO:
 CUSTOMER REPRESENTATIVE: 500
 DS SUPERVISOR: 500

CEMENTING SERVICE REPORT



ATMEDI NUMBER: 7 DATE: 5-8-87
 STAGE: DS DISTRICT: 11, 11, 11, 11

DS-496 PRINTED IN U.S.A.

DOWELL SCHILUMBERGER INCORPORATED

WELL NAME AND NO. *McMANSFIELD 18* LOCATION (LEGAL) *SEC 8 T9S. RME.*
 FIELD-POOL *McMANSFIELD* FORMATION _____
 COUNTY/PARISH *LICENSAS* STATE *TEXAS* API. NO. _____
 NAME *ESSMAN*
 AND _____
 ADDRESS _____
 ZIP CODE _____

RIG NAME: *DC*
 WELL DATA:

BIT SIZE	CSG/Liner Size	BOTTOM	TOP
TOTAL DEPTH	WEIGHT	<i>75.5</i>	<i>8.5</i>
<input type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE	<i>1943</i>	<i>7.7</i>
MUD TYPE	GRADE		
<input type="checkbox"/> BIIST <input type="checkbox"/> BIIC	THREAD		
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)		
MUD VISC.	Disp. Capacity		

 NOTE: Include Footage From Ground Level To Head In Disp. Capacity

SPECIAL INSTRUCTIONS
plug & abandon 15 Request

SOCKET	TYPE		TYPE	
	DEPTH		DEPTH	
	TYPE		TYPE	
	DEPTH		DEPTH	

Head & Plugs TBG O.P. SQUEEZE JOB
 Double SIZE
 Single WEIGHT
 Swage GRADE
 Knogkoff THREAD
 TOP [] NEW [] USED
 BOT [] DEPTH

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE _____ PSI CASING WEIGHT SURFACE AREA (3.14 x ID)
 PRESSURE LIMIT _____ PSI BUMP PLUG TO _____ PSI
 ROTATE _____ RPM RECIPROCATE _____ FT No of Centralizers _____

ARRIVE ON LOCATION TIME: *8:5* DATE: *8-5*
 LEFT LOCATION TIME: _____ DATE: *8-5*

TIME	PRESSURE		VOLUME PUMPED (bbl)		JOB SCHEDULED FOR			ARRIVE ON LOCATION		LEFT LOCATION	
	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	TIME	DATE	TIME	DATE
0716	C		11		3	1/2					
0720				11							
0727	200		32		3	15.8					
0741	200		32		3	"	"				
0740	0		5		1	15.8					
0745	0		5		1	"	"				

SERVICE LOG DETAIL
 PRE-JOB SAFETY MEETING
*BREAK Circulation between 3/2 & 8 5/8
 Shut down
 START Cement with 2 3/4 (API)
 Shut down Cement around
 P.H. up 3/2 & 8 5/8
 Shut down*

REMARKS

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED	
1.	2.	3.	4.	5.	6.	BBLS	DENSITY	
1.	<i>150</i>	<i>1.15</i>	<i>STANDARD 1 1/2 (API)</i>				<i>37</i>	<i>15.8</i>
2.								
3.								
4.								
5.								
6.								

BREAKDOWN FLUID TYPE HESITATION SQ. RUNNING SQ. CIRCULATION LOST YES NO
 PRESSURE MAX. _____ MIN. _____
 Cement Circulated To Surf. YES NO
 TYPE OF WELL OIL GAS STORAGE INJECTION BRINE WATER WILDCAT
 Washed Thru Perfs YES NO
 MEASURED DISPLACEMENT WIRELINE
 CUSTOMER REPRESENTATIVE *George Smith*
 DS SUPERVISOR *V. H. [Signature]*

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

PRINT IN TRIPLICATE*
(See instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
EP Operating Co. (Formerly Enserch Exploration Inc.)

3. ADDRESS OF OPERATOR
1700 Lincoln Street, Suite 3600, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
600' FSL, 600' FEL

14. PERMIT NO.
43-013-03064

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5319' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-40326

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
1-8

10. FIELD AND POOL, OR WILDCAT
Monument Butte Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8, T9S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EP Operating Co. requests permission to build a 8' x 15' x 8' engine building on the above referenced location.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6/29/85
BY: [Signature]

Federal approval of this action is required before commencing operations.

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

SIGNED [Signature] TITLE District Production Supt. DATE 6/13/85

(This space for Federal or State office use)

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

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

5. LEASE DESIGNATION AND SERIAL NO.
U-40326

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT AGREEMENT NAME
NA

8. FARM OR LEASE NAME
Monument Butte Federal

9. WELL NO.
#1-8

10. FIELD AND POOL, OR WILDCAT
Monument Butte Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 8, T9S, R17E

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

NOV 18 1985

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
EP Operating Company

3. ADDRESS OF OPERATOR
1700 Lincoln Street, Suite 3600, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
816' FWL, 1945' FSL (NW/SW)

14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Erected 8' x 15' x 8' building over pumping unit engine. No additional surface areas were disturbed and the building has been painted BLM Desert Sand (flat, non-reflective).

2160-5 to BLM on 11/13/85.

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

SIGNED Danny E. Hagins TITLE Production Superintendent DATE 11/13/85

(This space for Federal or State office use)

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

16

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40326
2. NAME OF OPERATOR EP Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR 1700 Lincoln Street, Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 816' FWL, 1845' FSL (NW/SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642		9. WELL NO. #1-8
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166' GR		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		18. STATE Utah

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Green River perforations from 4780' to 4786' and from 4710' to 4726' were acidized on March 5, 1986. This treatment consisted of 400 gallons diesel followed by 2500 gallons of 15% HCL acid and was flushed to the perms with water. This treatment was pumped down the tubing and the treated interval was isolated between a retrievable bridge plug and a packer.

The well was returned to production on March 7th, pumping from all perforations.

RECEIVED
MAR 10 1986

DIVISION OF
OIL, GAS & MINING

NOTED DEH
3/7/86

Form 3160-5 submitted to BLM 3/7/86

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

SIGNED J.R. Briscoe TITLE Petroleum Engineer DATE 3/7/86
J.R. Briscoe

(This space for Federal or State office use)

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

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

101532

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-40326
2. NAME OF OPERATOR E P Operating Company (303) 831-1616		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR 1700 Lincoln St., Suite 3600, Denver, Colorado 80203		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 816' FWL, 1845' FSL (NW SW)		8. FARM OR LEASE NAME Monument Butte Federal
14. PERMIT NO. 43-013-30642 30643	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5166' GR	9. WELL NO. 1-8
		10. FIELD AND POOL, OR WILDCAT Monument Butte Field
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 8, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request to Temporarily Abandon

The Monument Butte Federal #1-8 is not producing in paying quantities and EPOC requests permission to temporarily abandon this well until a plug and abandon procedure can be prepared. Federal Lease #U-40326 will remain under primary term until 7/1/88.

RECEIVED
OCT 06 1986

DIVISION OF
OIL, GAS & MINING

Form 3160-5 mailed to the BLM 9/30/86.

NOTED DEH
9/30/86

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

SIGNED J. R. Briscoe TITLE Petroleum Engineer DATE 9/30/86
 (This space for Federal or State office use)

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

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

50W

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL [X] GAS WELL [] OTHER [] 2. NAME OF OPERATOR E P Operating Company (303) 831-1616 3. ADDRESS OF OPERATOR 1700 Lincoln St., Ste. #3600, Denver, Colorado 80203 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 816' FWL, 1845' FSL NW SW 5. LEASE DESIGNATION AND SERIAL NO. U-40326 6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A 032012 7. UNIT AGREEMENT NAME N/A 8. FARM OR LEASE NAME Monument Butte Federal 9. WELL NO. #1-8 10. FIELD AND POOL, OR WILDCAT Monument Butte Field 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E 12. COUNTY OR PARISH Duchesne 13. STATE Utah 14. PERMIT NO. 43-013-30643 15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5166' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [X] REPAIR WELL [] CHANGE PLANS [] (Other) [] SUBSEQUENT REPORT OF: WATER SHUT-OFF [] RETAINING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [] ABANDONMENT* [] (Other) [] (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Request to Plug and Abandon

This well was drilled to a depth of 5846'. Surface casing is 8 5/8" set at 300' and was cemented to surface. Production casing is 5 1/2" set at 5848'. Perforations are from 4710'-26', 4780'-86', 5422'-41' and 5691'-96'. The following is our procedure for plug and abandonment.

- 1. Set cement plug from 4400'-4700'.
2. Perforate 5 1/2" casing at 350'.
3. Set cement plug across surface casing shoe at 300' to surface (50' in & 350' out).
4. Set 50' cement plug at surface.
5. Cut off casing 3' below ground level.
6. Install dry hole marker.
7. Reclaim location.

RECEIVED MAR 16 1987

DIVISION OF OIL, GAS & MINING

Form 3160-5 mailed to BLM 3/13/87

18. I hereby certify that the foregoing is true and correct SIGNED Greg Benton TITLE Assoc. Petroleum Engineer DATE 3/13/87 (This space for Federal or State office use)

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3-13-87 BY: John R. Dye

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

SOW

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.

U-40326

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

090215

N/A

7. UNIT AGREEMENT NAME

N/A

6. FARM OR LEASE NAME

Monument Butte Federal

9. WELL NO.

#1-8

10. FIELD AND POOL, OR WILDCAT

Monument Butte Field

11. SEC. T., S., M., OR BLK. AND
SUBVY OR LESA

Sec. 8, T9S, R17E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
E P Operating Company (303) 831-1616

AUG 28 1987

3. ADDRESS OF OPERATOR
1700 Lincoln St., Ste. #3600, Denver, CO 80203 DIVISION OF OIL
GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
See also space 17 below.)
At surface
600' FSL, 600' FEL (SE/SE)

14. PERMIT NO. 43-013-30648 15. ELEVATIONS (Show whether OF, AT, OR, etc.)
5319' GR

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Hot oiled rods and casing, established circulation and circulated well clean. Pulled out of hole with rods and pump. Released anchor and pulled out of hole with tubing. Rigged up Dowell and set cement plug from 4700' to 4400'. Shut down for the night. Ran in hole and tagged plug at 4770'. Topped off plug with 50 sacks of cement, top of cement at 4330'. Displaced hole with 9# Gel. Perforate 350' to 351' with 4 holes. Pumped top plug to surface. Let cement set, and check top. Top at 83'. Topped off cement and installed dry hole marker. We are currently removing surface equipment and preparing to reclaim location.

Plugging operations witnessed by BLM representative.

Bad COPIES

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Petroleum Engineer DATE 8/25/87
R. M. Blincow

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9-5-87
BY: [Signature]

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS 1601 Lewis Avenue
Billings, MT 59102

2 1996

Well name and number: Monument Butte Federal #1-8

Field or Unit name: Beluga Unit Lease no. U-74398

Well location: QQ SE SE section 8 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes No

Will the proposed well be used for: Enhanced Recovery? . . Yes No
Disposal? Yes No
Storage? Yes No

Is this application for a new well to be drilled? Yes No

If this application is for an existing well, Is re-entry of P & A
has a casing test been performed on the well? Yes No
Date of test: _____
API number: _____

Proposed injection interval: from 4040' to 5441'

Proposed maximum injection: rate 500 BPD pressure 2100 psig

Proposed injection zone contains oil, gas, and/or fresh water within 1/4 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

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

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory & Environmental Specialist Date November 14, 1995
Phone No. (406) 259-7860

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four

Equitable Resources Energy Company, Western Region
Beluga Unit Waterflood
Duchesne County, Utah

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**Underground Injection Control (UIC)
Permit Application
Supplement Attachment To Form Four**

Company: Equitable Resources Energy Company (EREC)
Project: Beluga Unit Waterflood
Monument Butte Field
Section 7,8,16,17,& 18, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

- 1) The area of review is a fixed radius of 1/4 mile from the proposed Unit boundary and/or proposed injection wells. This area of review was selected to ensure that any future development in this area would be covered.

B) MAPS OF WELLS/AREA & AREA OF REVIEW.

- 1) Figure #1 - Topographic Map showing the area of review. A 1/4 mile radius from the proposed injection wells is outlined with all wells in the prescribed area located and identified.

Refer to Exhibit-A for a list of wells within the area of review.

- 2) Figure #2 - Proposed Water Injection Facilities Map.
- 3) Figure #3 - Proposed Produced Water Gathering Facilities Map.
- 4) Figure #4 - Surface and lease ownership map.
All surface within the area of review is owned by the Bureau of Land Management except for Section 16, T9S, R17E which is owned by the State of Utah.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

- 1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards. Note that the proposed area of review for the Beluga Unit overlaps with the approved area of review for the Jonah Unit (Operated by Equitable Resources Energy Company) and Pleasant Valley Unit (Operated by Enserch Exploration Inc.). Please refer to the approved UIC permits for details on the wells in these areas.

Jonah Unit	Area Permit Number UT2642
Pleasant Valley Unit	Area Permit Number UT2771

- 2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

- 1) There are no underground sources of drinking water or water wells in

the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5350 feet which basically puts the top of the saline water horizon at surface to approximately 500 feet. There have been no fresh water bearing zones encountered in this area of review.

F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

1) The flooding objectives of the proposed Beluga Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1550 feet of vertical section at an average depth range of 3750 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 15 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Equitable Resources Energy Company is requesting approval to inject water into any or all of the occurring sands within this interval. Refer to Exhibit-C for individual sand isopach maps.

2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-D and the welldata sheets and wellbore diagrams provided in Exhibit-B.

3) Estimated Formation Tops: See Type Log for the Paiute Federal #43-8

Uintah Formation	Surface to 1450 ft.
Green River Formation	1450 ft to 5400 ft.
Douglas Creek Member	4560 ft to 5400 ft.
Douglas/Wasatch Transition	5400 ft to 5950 ft.
Wasatch Formation	5950 ft.

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

4) The confining zones for the proposed injection intervals consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation. Refer to the Type Log for the Beluga Unit area which has been submitted with this permit.

5) The injection interval water quality is an analysis of the produced water from the Paiute Federal #11-17. This sample represents an average of the produced water from the Beluga Unit wells. The analysis shows 11,800 mg/l chloride, 9,471 mg/l sodium, and 25,085 mg/l TDS. Refer to Figure-5 for the produced water analysis report.

6) The average fracture gradient for the Douglas Creek Member sands is 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. Refer to Exhibit-E for pressure and gradient data.

7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Beluga Unit wells. Fracture treatment records show that the frac sand was

displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The fracture gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth}))/\text{Depth}$$

- 8) Cement Bond Logs for the proposed water injection wells and a Beluga Unit Type Log have been enclosed. Cement bond logs for the newly drilled wells will be submitted to the EPA as soon as available.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the well data sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

- 1) Average water injection volume of 250 STBWP. Maximum water injection volume of 500 STBWP.
- 2) EREC is requesting a maximum injection pressure of 1856 psig based on fracture pressure gradient calculations until step rate test studies can be performed. The average fracture gradient for the Douglas Creek Member sands is calculated at 0.876627 psig/ft. This is an average of all the frac gradients calculated from jobs performed on all zones in the Beluga Unit. However, due to the difference in depth and fracture gradients between the Y-Zones and R-Zones EREC is requesting a maximum injection pressure of 1856 psig based on the fracture gradient and depth of the Y-Zones. The average fracture gradient for the Y-Zones only is calculated at 0.898974 psig/ft. Using the average depth of the shallowest Y-Zone perforations of 3982 feet, the formation parting pressure is calculated at 1856 psig for the Y-Zones. The average fracture gradient for the remaining zones (Excluding Y-Zones) is calculated at 0.866360 psig/ft. Using the average depth of the shallowest perforations for the remaining zones of 4553 feet, the formation parting pressure is calculated at 1973 psig. Thus, by using the lesser of the two calculated formation parting pressures of 1856 psig for a maximum injection pressure, it is reasonable to assume that the formation will not propagate a fracture during injection operations.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) The injection water for the Beluga Unit waterflood will be fresh potable water supplied by Johnson Water Association out of Myton, Utah. This water will be piped from the Johnson water facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass water supply line which is owned and operated by EREC. It is proposed to extend this line approximately two miles to the Beluga Unit waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this

water shows 1200 mg/l chloride and 2548 mg/l TDS with a specific gravity of 1.005. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Figure-6 and Figure-7 for the analysis of the Johnson water supply.

- 5) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the reservoir. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted.

I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 12% with a permeability range from 0.1 to 16 millidarcy. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and the Paiute Federal #34-8. The Allen Federal #34-5 well is located outside the Beluga Unit waterflood boundary and the other two are within the unit. These wells represent similar conditions for depositional environment, and reservoir characteristics for the Beluga Unit. Refer to Exhibit-G for the core analysis.
- 2) A mechanical integrity test will be conducted on all proposed water injection wells prior to injection. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 1000 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 3) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the Beluga Unit and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.
- 4) The present reservoir pressure through out the Beluga Unit ranges from a normal pressured reservoir at 2100 psig to depleted conditions at 900 psig. Refer to Figure-8 for a recent pressure build up test performed on the Monument Federal #42-17 in the R2 zone.
- 5) A step rate test will be performed on at least one proposed injection well to determine the formation parting pressure and to more accurately define the maximum allowable injection pressure. It is proposed to perform individual step rate tests on the Y-Zones and R-Zones to better understand the differences in formation parting pressures and to assure that the maximum requested injection pressure does not propagate fractures in any zone during the injection operations.

J) STIMULATION PROGRAM.

- Refer to individual well data sheets for well stimulation and fracture data.

K) INJECTION PROCEDURES.

- 1) The injection procedure for the Beluga Unit waterflood will be as follows:
 - Water from the Johnson Water Association and/or produced water will be piped to the proposed water injection plant located at the Paiute Federal #24-8 well location.
 - The water will be filtered with 50 and 10 micron filters before entering the water storage tanks at the water injection plant.
 - Chemical will be added for oxygen, corrosion, and scaling.
 - A triplex injection pump will be used to pressurize the water to approximately 2300 psig plant pressure.
 - The pressurized water will travel through an injection manifold and

- out to the well feed lines.
- Each feed line will supply one injection well.
 - Each injection well will be equipped with a flowmeter, choke valve check valve, water filter, tubing and casing annulus pressure gauge.
 - The water will be filtered with 5 micron filters before entering the tubing.
 - The water will pass down the tubing, past the packer to the perforations.
 - Tracer profiles will be run approximately every 6 months which will indicate the percentage of water exiting each set of perforations.
- 2) The injection facility will be equipped with pressure monitoring and safety shut-down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut-down devices.

L) CONSTRUCTION PROCEDURES.

- 1) It is proposed to drill or re-enter the following wells:

Drill the Monument Federal #23-17B	NE SW Sec.17, T9S, R17E
Re-enter the Monument Butte Fed. #1-8	NW SW Sec.8 , T9S, R17E
Re-enter the State NGC #11-16	NW NW Sec.16, T9S, R17E

- 2) The Monument Federal #23-17B will be drilled and completed similar to the Monument Federal #13-16B, #22-16B, #23-16B, and #33-17B wells. The well will be completed as an oil production well.
- 3) The Monument Butte Federal #1-8 and State NGC #11-16 will be re-entered using a workover rig and power swivel. The wells will be cleaned out to plugback TD and recompleted in additional zones. Refer to the wellbore diagrams presented in Exhibit-B and the proposed injection well diagrams presented in Exhibit-H.

M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for well data sheets, wellbore diagrams, and scout cards for all wells in the proposed area of review. Refer to Exhibit-H for proposed injection well diagrams. Refer to approved UIC area permits for the Jonah Unit (UT2642) and Pleasant Valley Unit (UT2771) for additional information on wells in the overlapping area of reviews.
- 3) A 25'x 30' water injection plant will be constructed on the location of the Paiute Federal #24-8 proposed water injection well. The water injection plant will be equipped with a produced water gathering and filtering system to reinject produced water as required. High pressure steel water injection lines will be laid and buried from the injection plant to each of the proposed water injection wells.
- 4) The injection wells will be equipped with 2 7/8 inch tubing and an Arrow Set-1 packer set in tension to isolate the injection zones. The packer will be set within 100 feet of the top perforation and will be tested for mechanical integrity. Refer to Exhibit-H for proposed packer setting depths of each water injection well.
- 5) Results of mechanical integrity tests and step rate tests will be submitted to the EPA along with well rework forms for each proposed water injection well prior to injection.

N) CHANGES IN INJECTION FLUID.

- 1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When

it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

- 1) All injection wells and related facilities will be monitored daily for integrity. The backside pressure will be checked daily and if abnormal backside pressure is detected the well will be investigated to determine the source of the leak. If a casing leak is found the leak will be isolated and squeezed with cement. The casing will be checked for mechanical integrity to ensure that the squeeze job repaired the leak. If a leak cannot be repaired the well will either be returned to production and pumped off or plugged and abandoned according to the procedure outlined in Section-Q.

P) MONITORING PROGRAM.

- 1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

- 1) The P&A plan proposed consists of running into the well with tubing and washing the well out to TD to ensure that the perforations are clear. If the well is not dead, mud will be mixed on location to a sufficient weight for killing the well. The mud will be circulated down the tubing and into the casing until the water has been displaced and/or the well has been killed. The well will then have a balanced cement plug using approximately 260 sacks of class-G cement placed over the Douglas Creek Member of the Green River Formation (i.e. over the perforation interval) from TD to a point at least 300 feet above the uppermost perforation. The top of the first cement plug will be at a depth of approximately 3800 feet. The tubing will be pulled out of the hole and the production casing will be perforated for two feet with four shots per foot at a point 100 feet below the surface casing shoe. Circulation will be established to surface, down the casing & up the annulus via the perforations. Cement will be circulated to fill the production casing and the annulus from the perforations to the surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.
- 2) Refer to Exhibit-J for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

- 1) Refer to Exhibit-K for evidence of financial ability to plug and abandon the proposed injection wells.

S) AQUIFER EXEMPTION.

-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

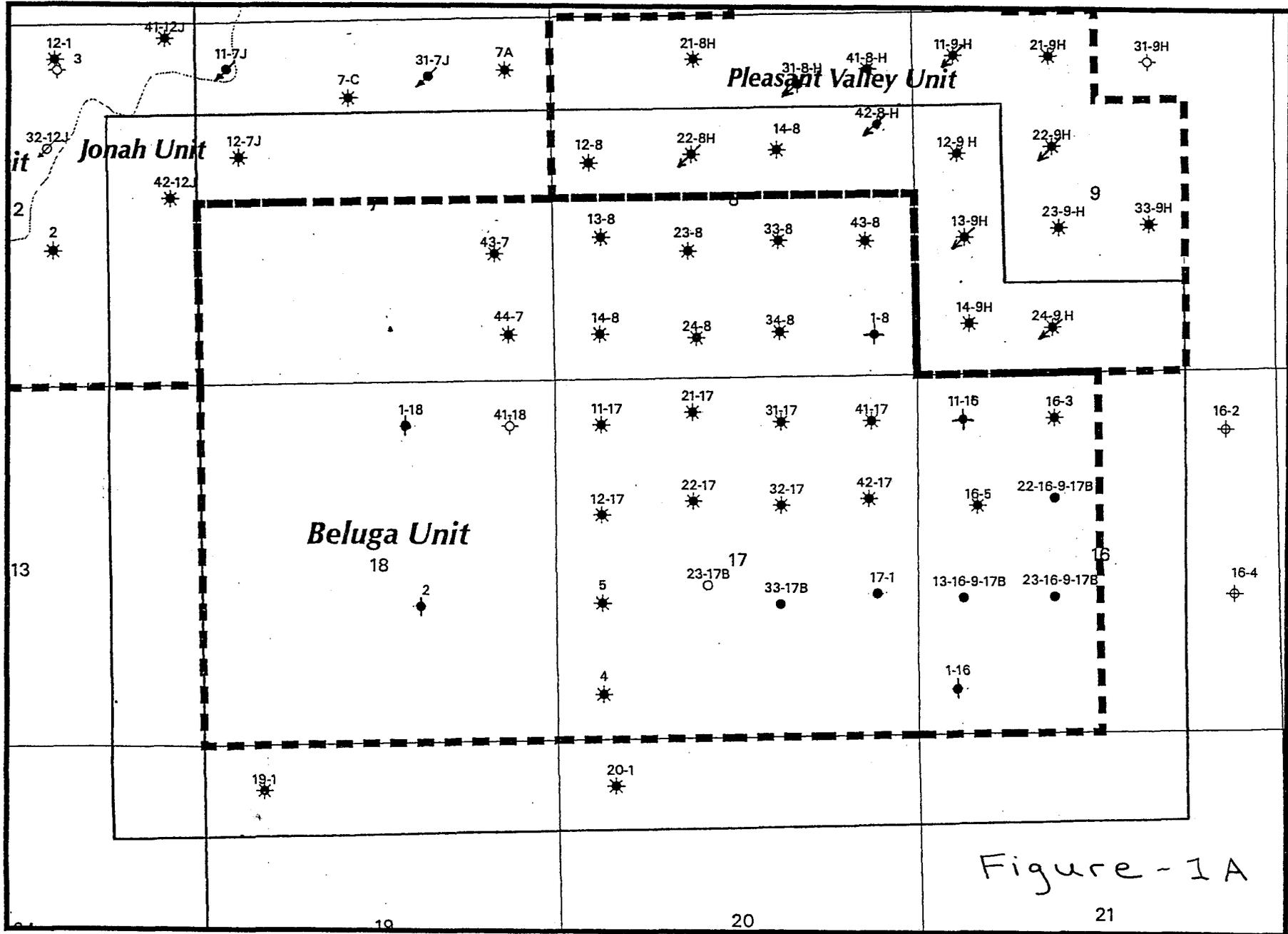
- 1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

U) DESCRIPTION OF BUSINESS.

- 1) Equitable Resources Energy Company is an independent oil and gas production company located in Billings, Montana. EREC employs engineers, geologists, and a field staff with the knowledge and technical experience required to maintain and operate the proposed facilities.

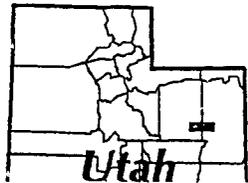
R16E

R17E



T9S

Figure - 1 A



----- Unit Boundaries
 _____ Area Of Review



Equitable Resources Energy Company

Beluga Unit
Figure 1

Duchesne County, Utah
Well spot map/Area of review

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF EQUITABLE	:	ACTION
RESOURCES ENERGY COMPANY	:	
FOR ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-170
THE 44-7, 13-8, 24-8, 33-8, 1-8 , 11-16,	:	
22-16, 13-16, 11-17, POMCO #5,	:	
22-17, 31-17, 42-17, AND 33-17	:	
WELLS LOCATED IN SECTIONS 7, 8,	:	
16 AND 17, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
COUNTY, UTAH, AS CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

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

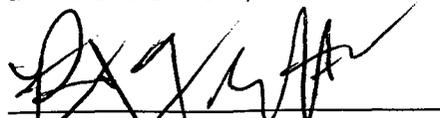
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5, 22-17, 31-17, 42-17, and 33-17 wells, located in Section 7, 8, 16 and 17, Township 9 South, Range 17 East, SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of April 1996.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



R. J. Firth
Associate Director, Oil & Gas

**Equitable Resources Energy Company
44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, Pomco #5,
22-17, 31-17, 42-17, and 33-17 Wells
Cause No. UIC-170**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102-4126

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
April 2, 1996



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)

April 2, 1996

Newspaper Agency Corporation
Legal Advertising
Tribune Building, Front Counter
143 South Main
Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure





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)

April 2, 1996

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-170

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

COPY

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-170
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 43-8, 24-8, 33-8, 1-8, 11-16, 22-16, 43-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 43-8, 24-8, 33-8, 1-8, 11-16, 22-16, 43-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
R. J. Fifth
Associate Director, Oil and Gas
48820050

NOTICE OF AGENCY ACTION CAUSE N

SIZE	
47 LINES	2.00 COLUMN
RATE	
	1.64
AD CHARGES	
	154.16
TOTAL COST	
	154.16

AFFIDAVIT OF PUBLICATION

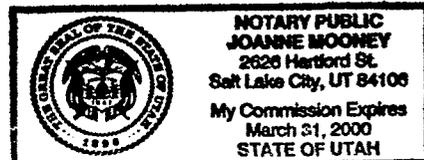
CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF AGENCY ACTION CAUSE N FOR OIL & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE

Joanne Mooney

DATE 04/11/96



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.



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)

May 21, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Application for Injection Wells
Sections 7, 8, 16 and 17
Township 9 South, Range 17 East
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.



Equitable Resources Energy Company
May 21, 1996
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

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

Sincerely,



R.J. Firth
Associate Director

cc: Chuck Williams, Environmental Protection Agency
Bureau of Land Management, vernal

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Equitable Resources **Location:** Belugu Unit

Wells: 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

Ownership Issues: The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Equitable is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8,11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

05-21-96
Date



EQUITABLE RESOURCES
ENERGY COMPANY

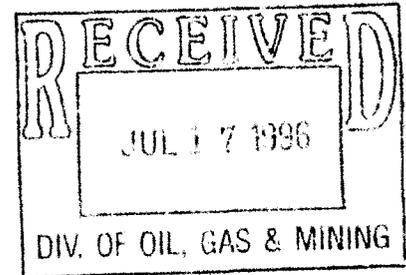
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

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

July 15, 1996

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



Gentlemen:

Re: Applications For Permit to Drill

Enclosed are the applications for permit to drill for the following two (2) wells:

Monument State #11-16-9-17B
(formerly the State NGC #11-16)
NW NW Section 16, T9S, R17E
Duchesne County, Utah

Monument Federal #44-8-9-17B
(formerly the Monument Butte Federal #1-8)
SE SE Section 8, T9S, R17E
Duchesne County, Utah

I will forward the Archeological and Paleontology reports as soon as they are received in this office.

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

Sincerely,

Molly Conrad
Operations Secretary

/mc

Attachments

cc: **State of Utah, Division of Oil, Gas, & Mining**

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-40326
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company			7. UNIT AGREEMENT NAME Beluga Unit
3. ADDRESS OF OPERATOR 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860			8. FARM OR LEASE NAME Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 602.1' FSL & 597.8' FEL At proposed prod. zone			9. WELL NO. #44-8-9-17B
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah approximately 12 miles.			10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA SESE Sec. 8, T9S, R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5500'	20. ROTARY OR CABLE TOOLS rotary	12. COUNTY OR PARISH Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5318.8' GL	22. APPROX. DATE WORK WILL START* August 15, 1996		13. STATE Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached re-entry procedure and wellbore diagram.				

See attached listing of attachments.

This is a re-entry of the former Monument Butte Federal #1-8.

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

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

24.

SIGNED Molly Comrad TITLE Operations Secretary DATE 7-15-96

(This space for Federal or State office use)

PERMIT NO. 43-013-30643 APPROVAL DATE _____

APPROVED BY [Signature] TITLE Section Engineer DATE 9/3/96

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

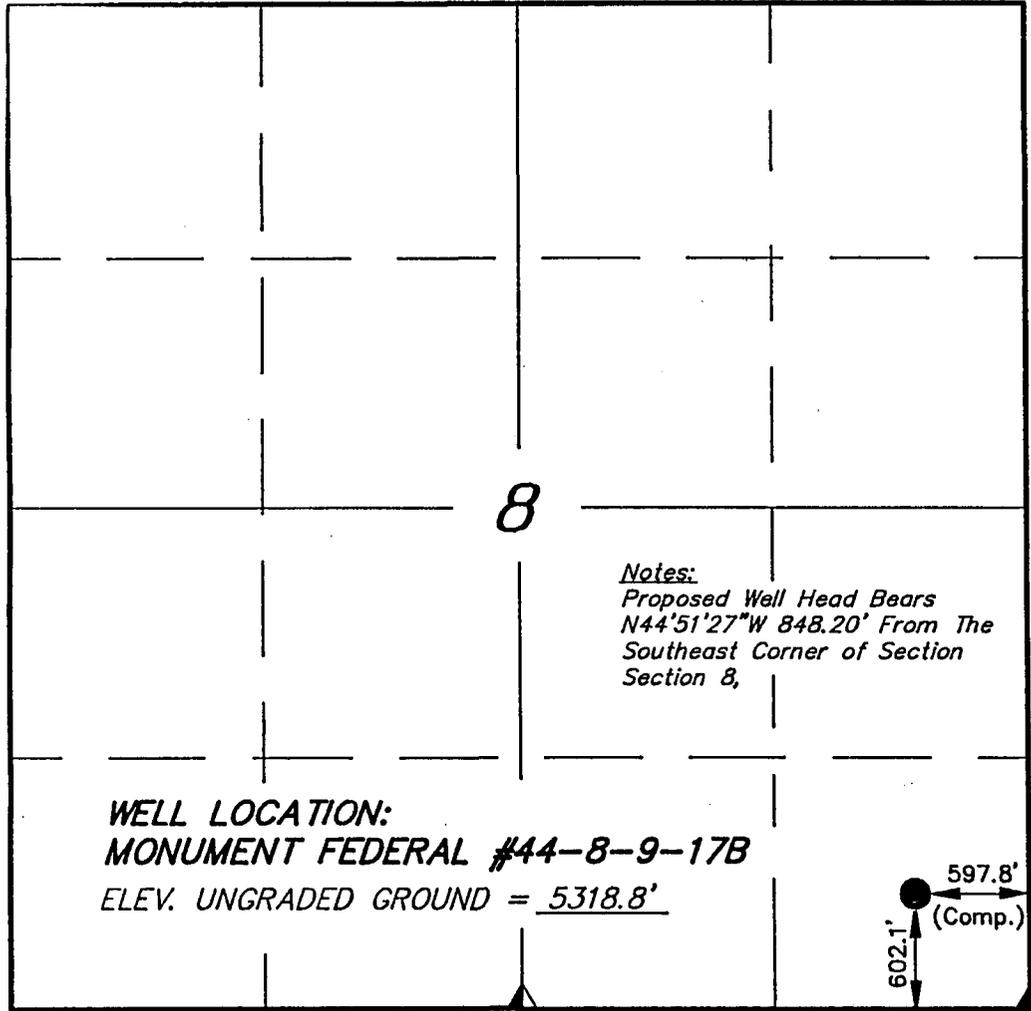
EXHIBIT "1"

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

S89°56'W - 80.04 (G.L.O.)

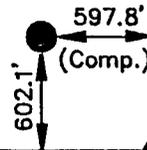
N0°03'W (G.L.O.)

N0°03'W (G.L.O.)



Notes:
 Proposed Well Head Bears
 N44°51'27"W 848.20' From The
 Southeast Corner of Section
 Section 8,

WELL LOCATION:
MONUMENT FEDERAL #44-8-9-17B
 ELEV. UNGRADED GROUND = 5318.8'



S89°55'W - 40.00 (G.L.O.)

S89°55'W - G.L.O. (Basis of Bearings)
2651.68' (Measured)

◆ = SECTION CORNERS LOCATED

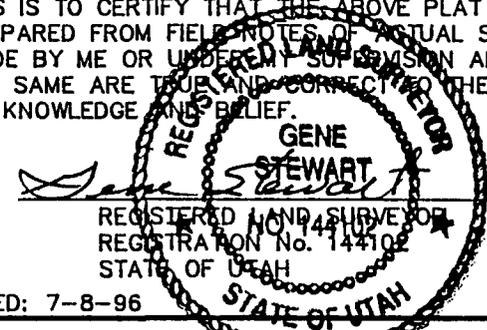
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
 #44-8-9-17B, LOCATED AS SHOWN
 IN THE SE 1/4 SE 1/4 OF SECTION 8,
 T9S, R17E, S.L.B.&M. DUCHESNE
 COUNTY, UTAH.



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



REVISED: 7-8-96

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

SCALE: 1" = 1000'

SURVEYED BY: S.S. D.S.

DATE: 6-27-96

WEATHER: HOT

NOTES:

FILE #

CONFIDENTIAL

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

**Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860**



**EQUITABLE RESOURCES
ENERGY COMPANY**

EXHIBITS FOR MONUMENT FEDERAL #44-8-9-17B RE-ENTRY:

- A. PROPOSED DRILLING PROGRAM
- B. PROPOSED SURFACE USE PROGRAM
- C. GEOLOGIC PROGNOSIS
- D. RE-ENTRY PROCEDURE / WELLBORE DIAGRAM
- F. EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G. EXISTING ROADS (MAP C)
- H. PROPOSED PRODUCTION FACILITY DIAGRAM
- I. SURVEY PLAT
- J. LAYOUT / CUT & FILL DIAGRAM



**Monument Federal #44-8-9-17B
(formally Monument Butte Federal #1-8)
SE SE Sec. 8 T9S R17E
Duchesne County, Utah**

**EXHIBIT "A"
Page 1 of 2**

PROPOSED DRILLING PROGRAM

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. A 2M double ram completion BOP will be used. The blind rams and pipe rams will be tested to 1500 psi before starting.
- b. The BOP 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 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 completion of this well.
- d. A TIW valve will be used during the drilling out of cement plugs on this well.
- e. Sufficient quantities of mud materials will be readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Both the surface casing and production casing have been cut off slightly below the surface. It will be necessary to rebuild both casing strings back up to GL. The production casing will be tested for integrity after each cement plug is drilled out.
- b. For details of casing, cement program, and drilling fluid program, see the following attachment :

Re-entry Procedure / Wellbore Diagram (EXHIBIT "D")



Monument Federal #44-8-9-17B
(formally Monument Butte Federal #1-8)
SE SE Sec. 8 T9S R17E
Duchesne County, Utah

EXHIBIT "A"
Page 2 of 2

PROPOSED DRILLING PROGRAM

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 of this well.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS :

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

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #44-8-9-17B
SE SE SECTION 8, T9S, R17E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B"

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 200' & 250' East.
- B. The Monument Federal #44-8-9-17B is located 12 miles South of Myton Utah in the SE1/4 SE1/4 Section 8, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 44-8-9-17B, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 11.5 miles to a road intersection. Turn right and continue 0.9 miles to a road intersection. Turn left and proceed 0.4 mile to location which is on the East side of existing road. .
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

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

No new road construction will be required for access to the proposed well location.

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

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

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

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

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

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

Please Refer to Map "C"

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

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

A. Existing

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

B. New Facilities Contemplated

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

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

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

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

beginning of drilling operations.

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

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

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

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

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

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

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

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

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

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

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the South side of location. Access will be from the West near corner #7.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

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

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

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

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

10. Plans for Reclamation of the Surface:

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

A. Production

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

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

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

If the well is abandoned/dry hole, Equitable Resources

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

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

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

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

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

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

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

11. Surface Ownership:

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

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

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

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

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

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

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

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

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

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

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

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

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

13. Lessee's or Operator's Representative:

Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(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 Home: (801)781-1018
Mobile: (801)828-7291

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7-15-96

Date

Molly Conrad

Molly Conrad
Operations Secretary



Well Prognosis

Well Name <u>MONUMENT FEDERAL #44-8-9-17B</u>				Control Well			
Location <u>SE SE SEC 8-T9S-R17E (600' FSL, 600' FEL)</u>				Operator <u>ENSERCH</u>			
County/State <u>DUCHESNE, UTAH</u>				Well Name <u>MBF #1-8</u>			
Field <u>BELUGA UNIT</u>		Well Type <u>RE-ENTRY (INJECTOR)</u>		Location <u>SE SE SEC 8-T9S-R17E</u>			
GL (Ung) _____		EST. KB <u>5335</u>		Total Depth <u>5500</u>		KB <u>5335</u>	

Formation Tops Formation	Prognosis		Sample Top		Control Well	High/Low		
	Depth	Datum	Depth	Datum	Datum	Prog	Control	Deviation
UINTA	SURFACE							
GREEN RIVER	1418	3917			3917			
HORSE BENCH SS	2144	3191			3191			
2ND GARDEN GULCH	3752	1583			1583			
Y-2 SAND (PAY)	4043	1292			1292			
YELLOW MARKER	4366	969			969			
DOUGLAS CREEK	4529	806			806			
R-2 SAND (PAY)	4609	726			726			
R-5 SAND (PAY)	4658	677			677			
2ND DOUGLAS CREEK	4760	575			575			
G-1U SAND (PAY)	4776	559			559			
GREEN MARKER	4897	438			438			
G-3 SAND (PAY)	4973	362			362			
G-6 SAND (PAY)	5184	151			151			
BLACK SHALE FACIES	5193	142			142			
CARBONATE MARKER	5380	-45			-45			
B-1 SAND (PAY)	5423	-888			-88			
TD	5500							

Samples
NONE

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

Wellsite Geologist
Name: NONE
From: _____ To: _____
Address: _____
Phone # _____ wk.
_____ hm.
Fax # _____

Logs
CBL TD TO SURFACE

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

Mud Logger
Company: NONE
From: _____ To: _____
Type: _____
Logger: _____
Phone # _____
Fax # _____

Comments:
WELL HAS 5 1/2" CSG @ 5848. R-5,G-1U,B-1,B-4 SANDS ARE PERF'D
Y-2 AND R-2 SANDS WILL BE PERF'D AND CIBP SET @ 5500.

Report To: 1st Name: KEVEN REINSCHMIDT Phone # (406)248-7026 wk. 259-7860 hm.
2nd Name: DAVE BICKERSTAFF Phone # 245-2261 wk. " hm.
Prepared By: K.K. REINSCHMIDT 7/3/96 Phone # _____ wk. _____ hm.



Monument Federal #44-8-9-17B
(formally Monument Butte Federal #1-8)
SE SE Sec. 8 T9S R17E
Duchesne County, Utah

EXHIBIT "D"
Page 1 of 3

RE - ENTRY Procedure

- 1.) Remove dry hole marker. Rebuild casing head and reconstruct 5-1/2" casing back up surface. Install tubing head.
- 2.) Rebuild access road. Remove and stock pile top soil from old well site.
- 3.) Level location and pad area to 150 ft W X 250 ft L. Dig small working pit : 35 ft X 35 ft X 6 ft.
- 4.) Set rig anchors. Move in and rig up completion rig with mud tank and drilling equipment.
- 5.) Install 5000 psi BOP. Pick up 4-3/4" bit and 6 drill collars. Drill cement plugs.* Test casing to 1000 psi after drilling each plug.
- 6.) Trip in to PBTD (~5806' KB). Circulate hole clean with hot 2% KCl water.
- 7.) Trip out. Lay down bit and drill collars.
- 8.) Rig up Wireline truck. Run Cement Bond Log.
- 9.) Pick up Cast Iron Bridge Plug and trip in hole. Set CIBP at 5640' KB.
- 10.) Perforate PROPOSED perforations as follows:

4043' - 4046'	4 SPF	3 ft	Y2
4049' - 4052'	4 SPF	3 ft	Y2
4609' - 4616'	4 SPF	7 ft	R2
- 11.) Rig up BJ Services. Pick up retrievable bridge plug and casing packer and trip in hole. Move BP and packer as needed to Breakdown and Frac proposed perforations.
- 12.) Move BP and packer as needed to Pump acid perforation wash on old perforations.
- 13.) Move BP and packer as needed to swab back each zone and test.
- 14.) Run in with injection string, perform Mechanical Integrity Test, and put well on injection.

* 2% KCl water will be used to drill out all cement plugs.

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

**P & A
WELLBORE DIAGRAM**

DATE : 11/4/95 vk

SURFACE CASING

 CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 283' KB
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2% CC
 + 3% salt + 1/4 #/sk D-29

 Cement
 Plug # 1

300' KB

PRODUCTION CASING

 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5831'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite

CEMENT TOP AT:

TUBING

 SIZE/GRADE/WT.: NONE
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN LANDED AT:

SUCKER RODS

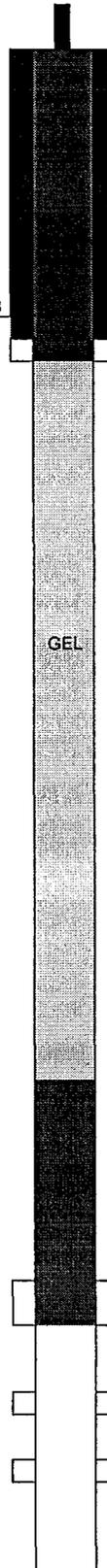
 POLISHED ROD: NONE
 SUCKER RODS:

 STRING LENGTH:

 PUMP NUMBER:
 PUMP SIZE: NA

 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT: NA
 PRIME MOVER:

 LOGS: DLL / Microlog
 SP / GR/ Caliper
 CBL / Spectrolog

 Cement
 Plug # 2

ACID JOB /BREAKDOWN

5691' - 5696'	1000 gal 5% KCl w/ clay stab
5422' - 5441'	2000 gal KCl w/ clay stab
4780' - 4786'	1000 gal 5 % KCl water
4780' - 4786' & 4710' - 4726'	3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid

FRAC JOB

5691' - 5696'	26,314 gal KCl water w/ 78,800# 20/40, screened off w/ 22,800# of 8# in formation
5422' - 5441'	100,000# 20/40 w/ 29,000 gal 5% KCl water.
4780' - 4786'	28,000 gal KCl wtr w/ 66,000# 20/40, screened out w/ 10,000# of 8# in formation.
4710' - 4726'	28,000 gal KCl wtr w/ 59,000# 20/40 sand

PERFORATION RECORD

350' - 351' (For Plugging)		4 HOLES
4710' - 4726'	R5	2 SPF 34 HOLES
4780' - 4786'	G16	2 SPF 14 HOLES
5422' - 5441'	B1	2 SPF 40 HOLES
5691' - 5696'	B4	2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046'	Y2
4049' - 4052'	Y2

PLUGGING RECORD

TAGGED TOP AT 4770'	Set cmt plug from 4700' - 4400' 35 sxs class "G" (301'), SI for night. Tagged top at 4770'.
TOP AT 4330'	added 50 sks to top of plug (11 bbls slurry)
TOP AT 83'	displace hole w/ 9# gel perf 350' - 351' 4 holes pump top plug to surface
TOP OFF CEMENT AND INTALL DRY HOLE MARKER	

 PBTD @ 5806' KB
 TD @ 5848' KB

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

PROPOSED Injection Wellbore Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 300'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2%CC
 + 3% salt + 1/4 #/sk D-29

300'KB

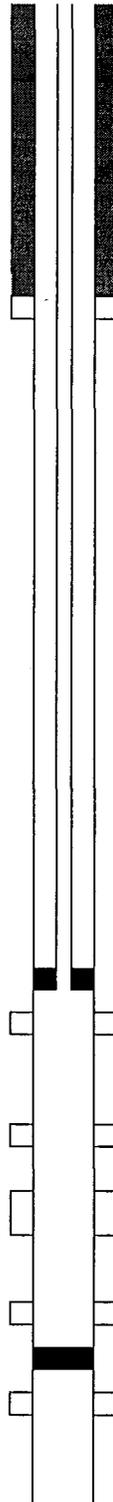
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5848'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: ~3966'
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 5-1/2" X 4'
 PACKER LANDED AT: 3983' KB



350' - 351' SQUEEZED

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Interval	Perforation Type	Number of Holes
350' - 351' (For Plugging)		4 HOLES
4710' - 4726'	R5	2 SPF 34 HOLES
4780' - 4786'	G16	2 SPF 14 HOLES
5422' - 5441'	B1	2 SPF 40 HOLES
5691' - 5696'	B4	2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046' Y2
 4049' - 4052' Y2

PROPOSED TO ISOLATE B4 PERFS w/ CIBP

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
 SET @ 3983' KB

PROPOSED
 4043' - 4052'

PROPOSED
 4609' - 4616'

4710' - 4726'
 4781' - 4787'

5422' - 5441'

PROPOSED CIBP

5691' - 5696'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.
 PBTD @ 5806' KB
 TD @ 5848' KB

Wasatch Formation 5950 ft.



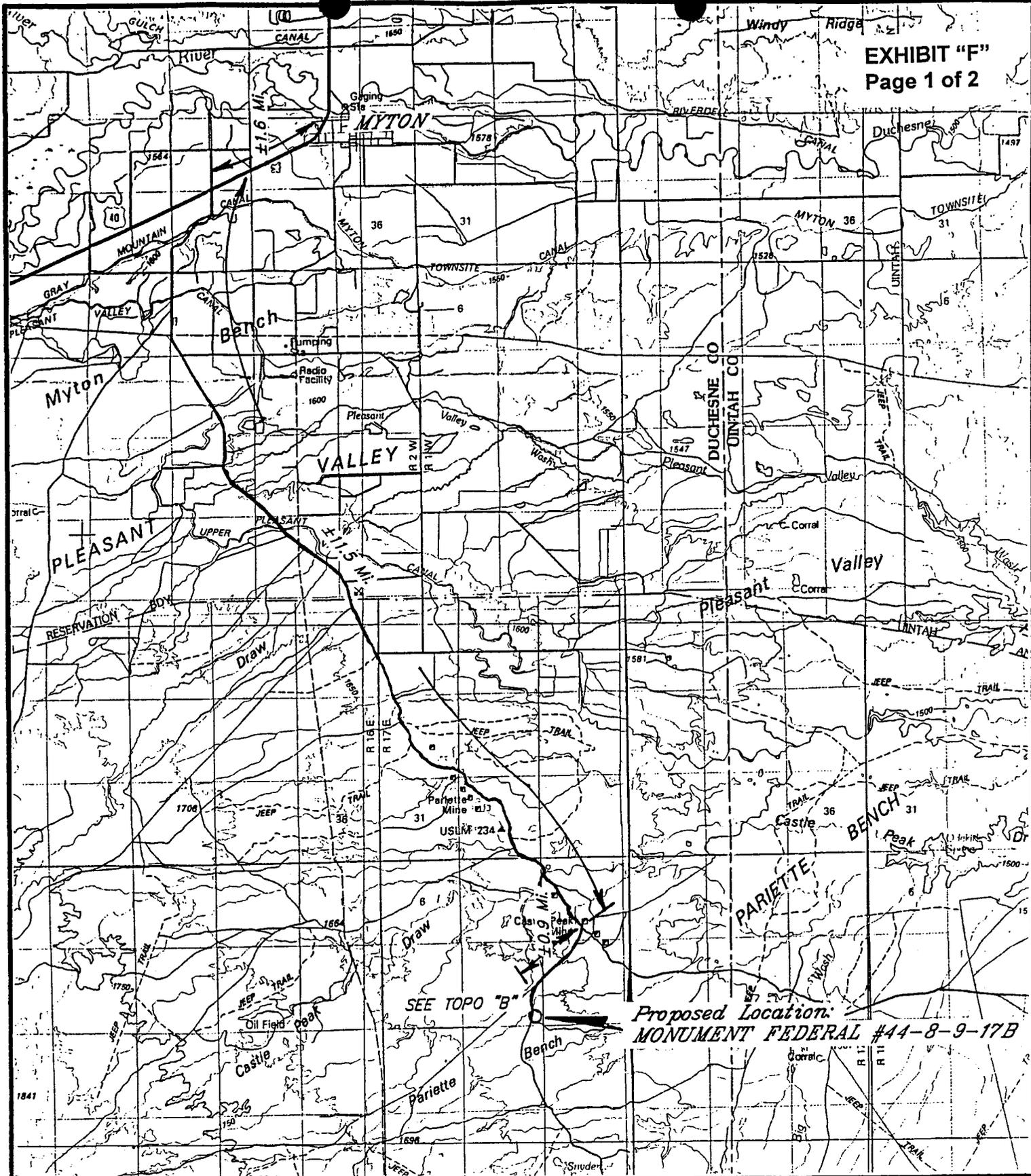
HAZMAT DECLARATION

- 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.

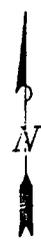
- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well :

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

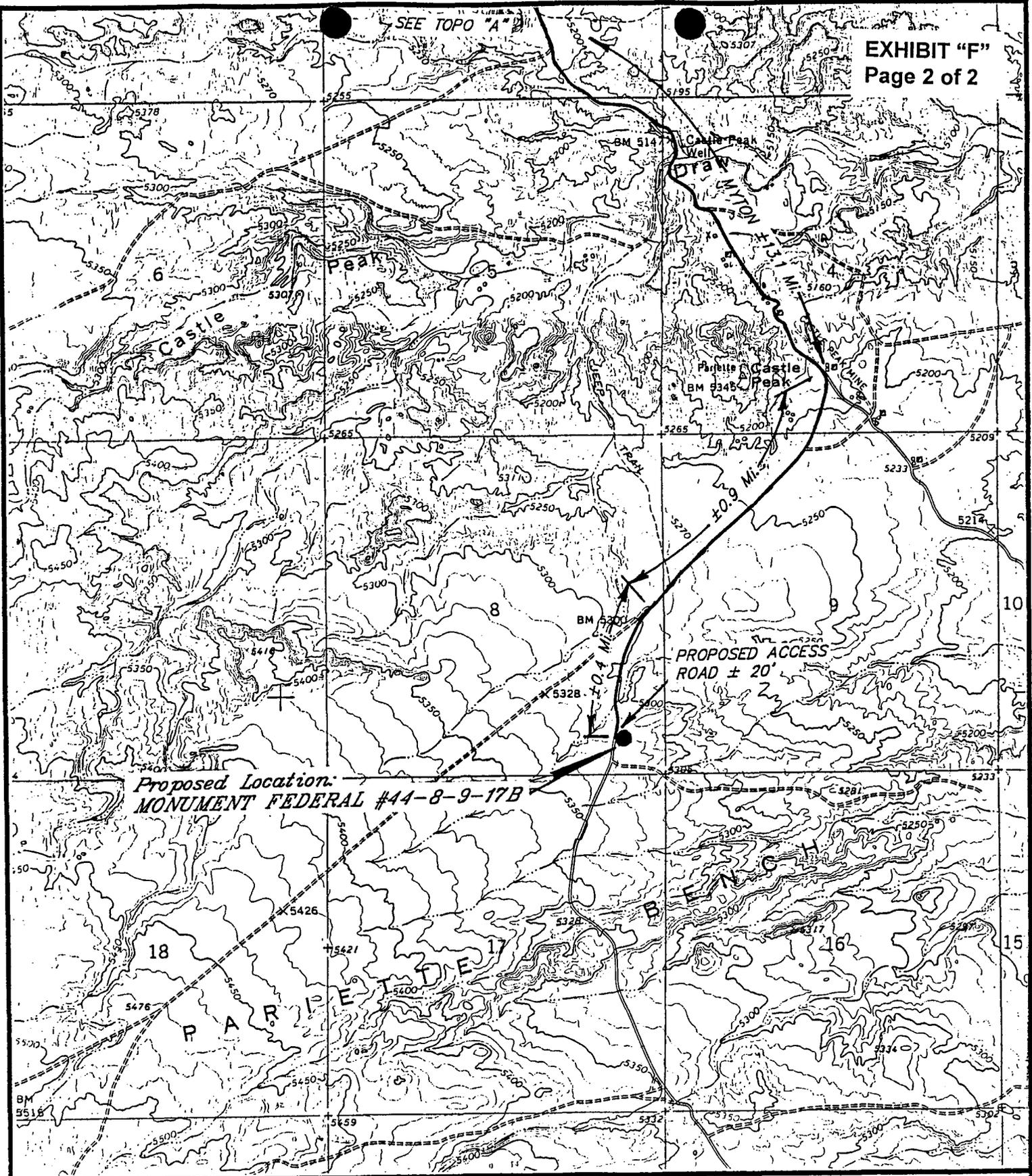


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #44-8-9-17B
SECTION 8, T9S, R17E, S.L.B.&M.
TOPO "A"



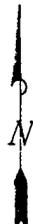
Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



Proposed Location:
MONUMENT FEDERAL #44-8-9-17B

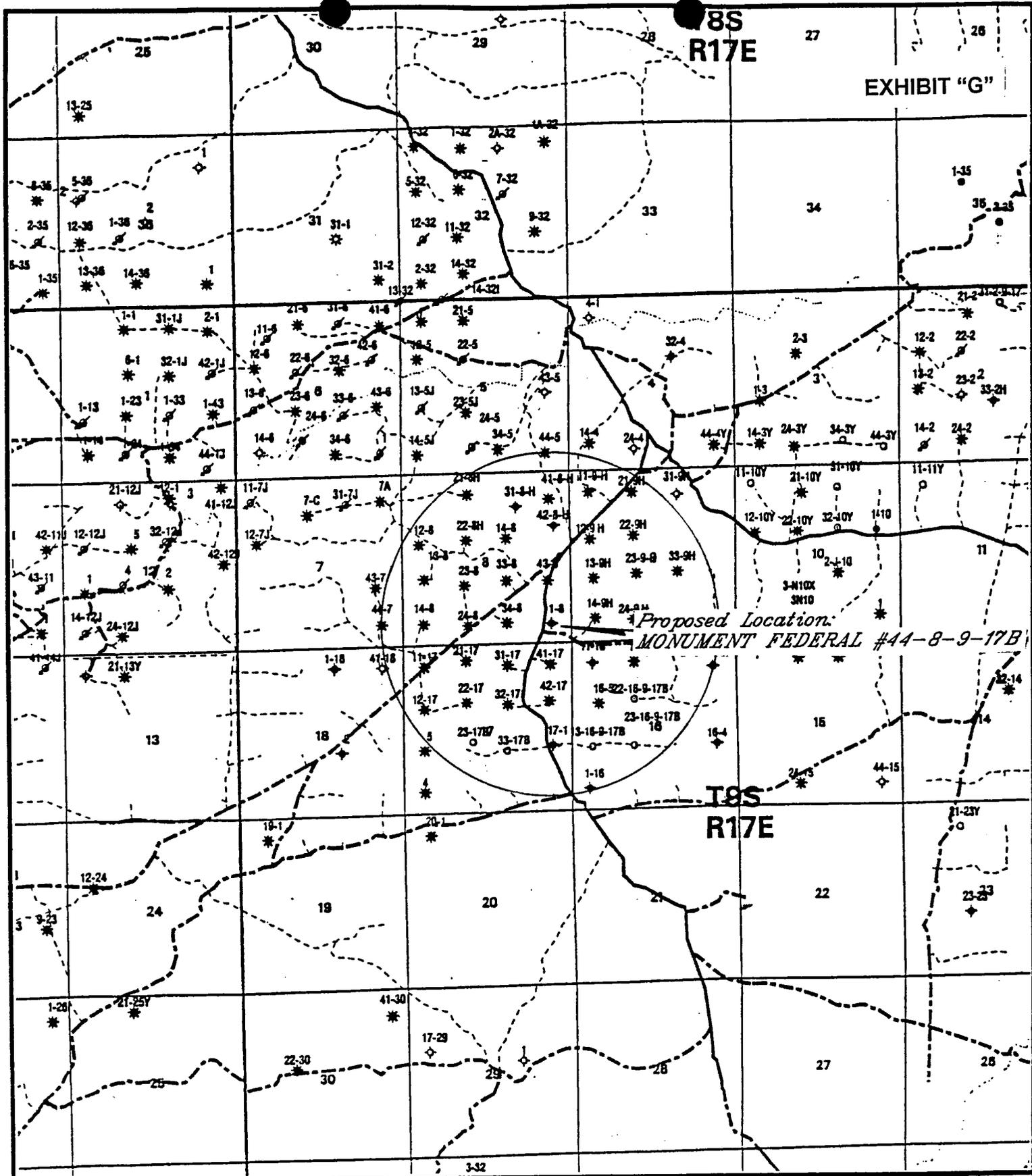
EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #44-8-9-17B
SECTION 8, T9S, R17E, S.L.B.&M.
TOPO "B"



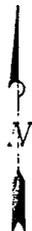
SCALE: 1" = 2000'

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



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #44-8-9-17B
SECTION 8, T8S, R17E, S.L.B.&M.
TOPO "C"

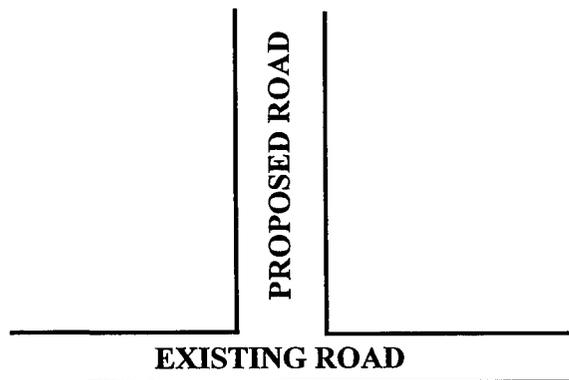


Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #44-8-9-17B
INJECTION FACILITY DIAGRAM

MONUMENT FEDERAL #44-8-9-17B
SE SE SEC. 8, T9S, R17E
DUCHESNE COUNTY, UTAH
BELUGA UNIT #UTU-75023X
FEDERAL LEASE #U-40326

EXHIBIT "H"



PLAN LOCATED AT:

**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

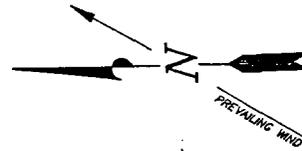
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

JULY 11, 1998

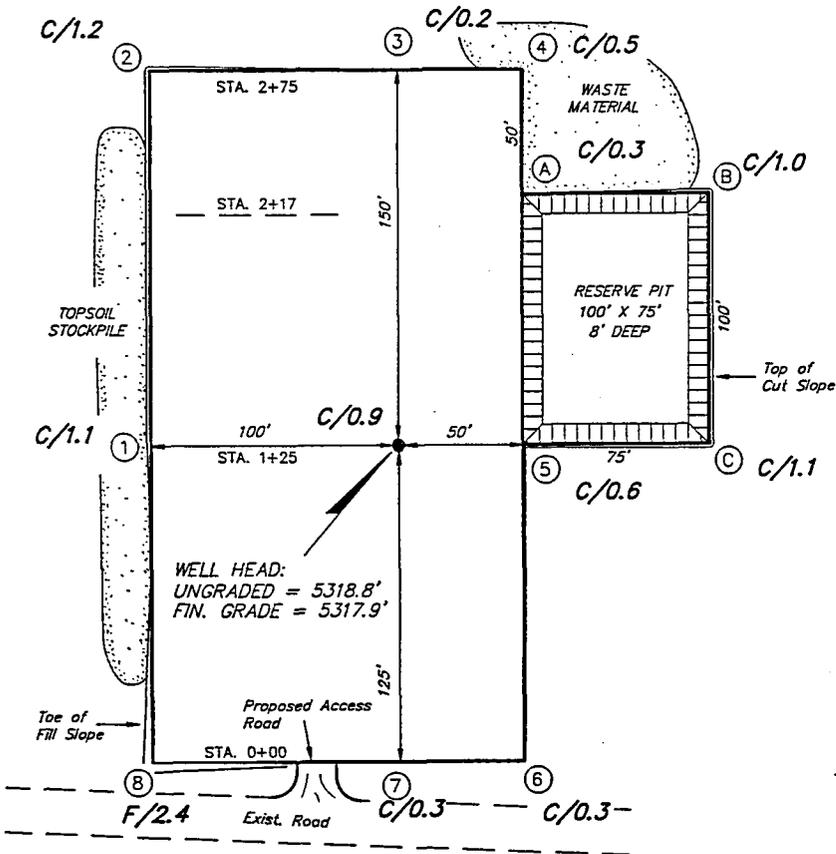
DIAGRAM NOT TO SCALE

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #44-8-9-17B
SECTION 8, T9S, R17E, S.L.B.&M.



SCALE: 1" = 50'

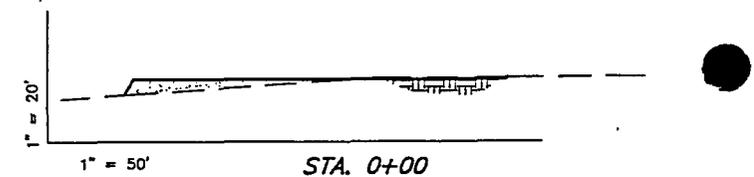
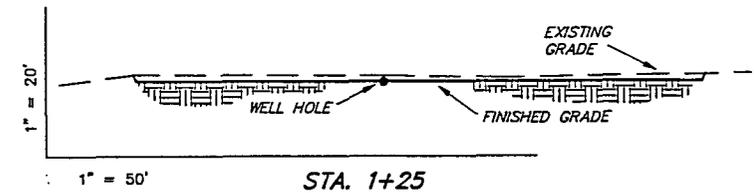
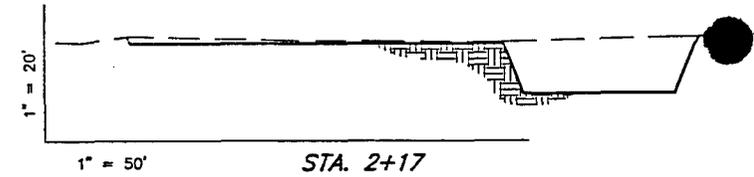
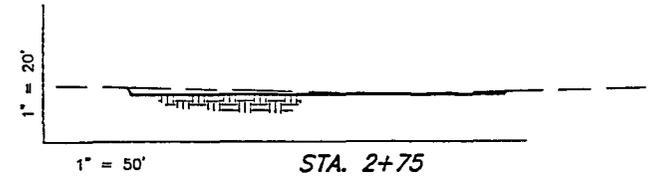


REFERENCE POINTS

- 150' NORTHERLY = 5316.5'
- 200' NORTHERLY = 5314.3'
- 200' EASTERLY = 5313.4'
- 250' EASTERLY = 5312.6'

APPROXIMATE YARDAGES

- CUT = 1,820 Cu. Yds.
- FILL = 260 Cu. Yds.
- PIT = 250 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: S.S. D.S.

DRAWN BY: D.J.S.

DATE: 6-27-96

SCALE: 1" = 50'

FILE:

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

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/17/96

API NO. ASSIGNED: 43-013-30643

WELL NAME: MONUMENT FED 4-8-9-17B REENTRY
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
 SESE 08 - T09S - R17E
 SURFACE: 0602-FSL-0597-FEL
 BOTTOM: 0602-FSL-0597-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 40326

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal [State [] Fee []
 (Number 6547188)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number JOE SHIELDS)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

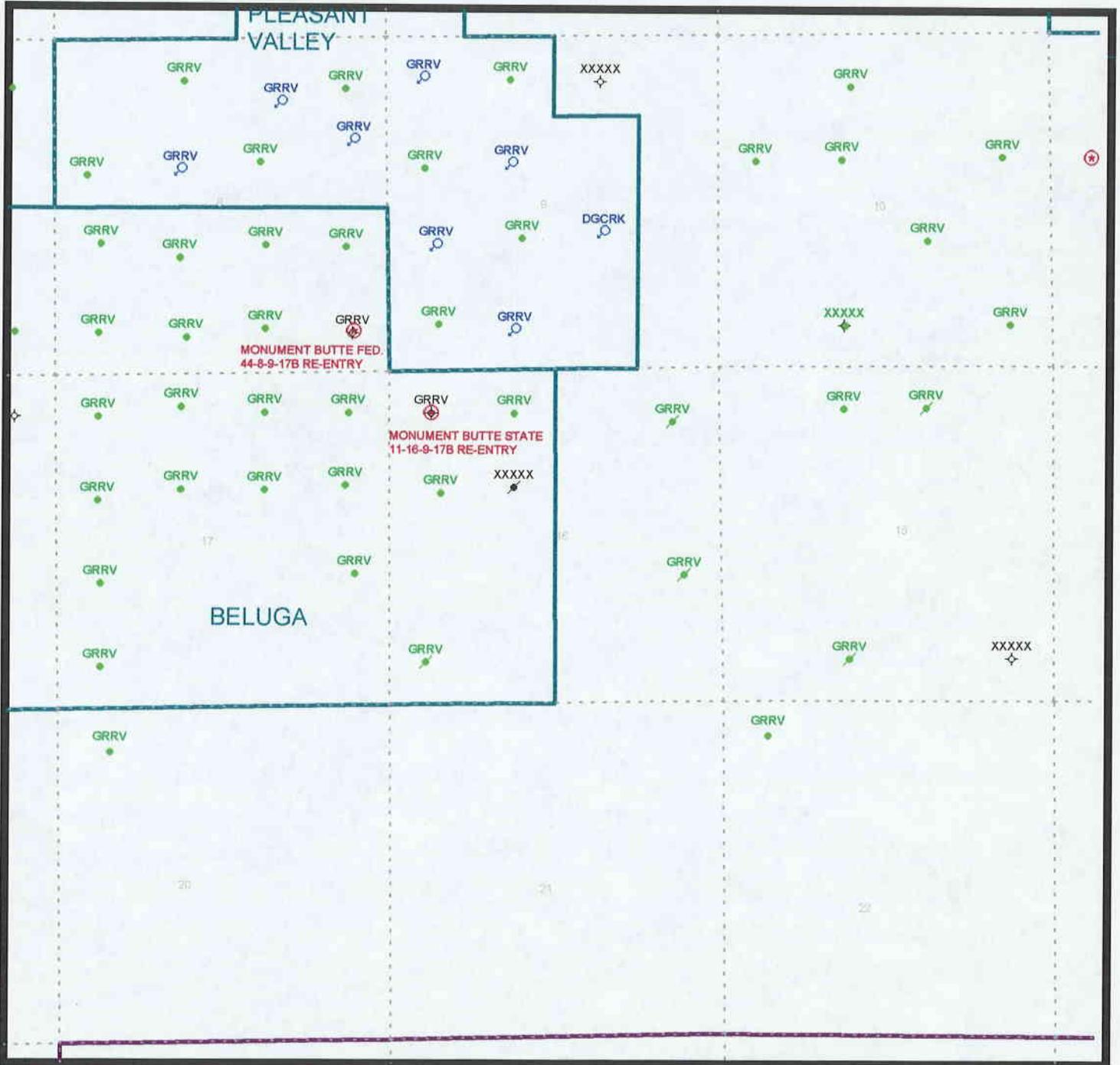
___ R649-3-3. Exception.

___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: EQUITABLE RESOURCES
FIELD: MONUMENT BUTTE
UNIT: BELUGA UNIT
SECTIONS: 8 & 16 T9S, R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 17-JULY-96



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)

September 3, 1996

Equitable Resources Energy
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 44-8-9-17B Well, 602' FSL, 598' FEL,
SE SE, Sec. 8, 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 reenter and drill the referenced well, formerly Monument Butte Federal #1-8 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 43-013-30643.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

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



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 44-8-9-17B
API Number: 43-013-30643
Lease: U-40326
Location: SE SE Sec. 8 T. 9 S. R. 17 E.

Conditions of Approval

1. General

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

2. Notification Requirements

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

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

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

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

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

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Equitable Resources Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 602.1' FSL & 597.8' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
From Myton, Utah approximately 12 miles.

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
5500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5318.8' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached re-entry procedure and wellbore diagram.				

See attached listing of attachments.

This is a re-entry of the former Monument Butte Federal #1-8.

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

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

24. SIGNED Molly Conrad TITLE Operations Secretary DATE 7-15-96

(This space for Federal or State office use)
PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE Assistant Field Manager DATE SEP - 4 1996
CONDITIONS OF APPROVAL, IF ANY: Mineral Resources

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED
*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Beluga Unit Monument Federal 44-8-9-17B

API Number: 43-013-30643

Lease Number: U - 74398

Location: SESE Sec. 08 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Re-entry Notice | - | at least twenty-four (24) hours prior to re-entering the wellbore. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

1. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable **2M** system installed and function tested prior to initiating drill out of any plugs.

2. Mud Program and Circulating Medium

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

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

3. Coring, Logging and Testing Program

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

A cement bond log (CBL) will be run from the production casing shoe to the top of cement, if one has not already been run, and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

4. Notifications of Operations

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

5. Other Information

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

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

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

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

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

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

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

Well No.: Beluga Unit Monument Federal 44-8-9-17B

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

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

Jerry Kenczka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COA's)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

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

Plans For Reclamation Of Location

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

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

Other Information

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

MOUNTAIN PLOVERS & BURROWING OWLS

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

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

EREC Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #44-8-9-17B

Operator: EREC/Western Region
Location: SE SE Section 8, T9S, R17E
Duchesne County, Utah
Prospect: Monument Butte/Beluga Unit

- 09/30/96** Re-Entry
Dress up location, set rig anchors, cut off dry hole marker, Build up well head, set rig pump & tanks. Build reserve pit. MIRU Basin Well Service Rig #1. NU BOP.
- 10/01/96** Re-Entry
Set tbg racks, unload tbg. RU Power swifel & start drilling surface plug. Tag cement @ 8' from surface. Drill down to 112' KB. SWIFN.
DC: \$10,399
CC: \$10,399
- 10/02/96** Re-Entry
Continue to drill surface plug from 112' KB. Drill down 266' today. Still on hard cement. SWIFD.
DC: \$2,945
CC: \$13,344
- 10/03/96** Re-Entry
TOOH w/tbg, drill collars & bit. Change drill bit. TIH w/bit, drill collars & tbg. Continue drilling surface plug @ 378' KB. Drill down to 393' KB. Bottom of cement plug. Drill cement stringers down to 472' KB. Circulate down to 624' KB. Rotate & circulate down to 2890' KB. SWIFD.
DC: \$2,510
CC: \$15,854
- 10/04/96** Re-Entry
Continue rotating & circulating down from 2890' KB to 3015' KB. Circulate clean. Press csg to 1000 psi, ½ hr, no loss. Continue to rotate & circulate down to 4317' KB. Tag cement plug. Drill down to 4346' KB. Circulate hole clean. Press csg to 1000 psi. Leave pressure on csg. SWIFN.
DC: \$4,191
CC: \$20,045
- 10/05/96** Re-Entry
Csg 1000 psi, 13-1/2 hrs, no loss. Continue to drill down from 4346' KB to 4658' KB. Circulate clean. SWI until 10/07/96.
DC: \$2,745
CC: \$22,790
- 10/07/96** Re-Entry
Continue drilling down from 4658' KB to 4722' KB. Circulate down to 4925' KB. Drill down to 5159' KB. Circulate down to 5726' KB. Plug bit. PU 250', got bit unplugged. Rotate & circulate down to PSTD (5806' KB). Circulate hole clean. Circulate w/hot oil truck, 138 bbls wtr, 240°F. No wtr loss to formation. SWIFD.
DC: \$3,394
CC: \$26,184

**EREC Western Region
DAILY OPERATING REPORT**

MONUMENT FEDERAL #44-8-9-17B

Operator: EREC/Western Region
Location: SE SE Section 8, T9S, R17E
Duchesne County, Utah
Prospect: Monument Butte/Beluga Unit

10/14/96 Re-Entry

RU Schlumberger & perf 5422' - 5441', 4781' - 4787', 4710' - 4726', 2 SPF. RD Schlumberger. TIH w/TS RBP, retrieving tool, 2-3/8" x 6' sub, HD pkr, SN & 176 jts 2-7/8" tbg. Set BP @ 5487' KB, WOT @ 5391' KB, pkr @ 5383' KB. RU BJ Services & acidize 5422' - 5441' w/924 gals 15% HCL acid & 1386 gals 2% KCL wtr. ATP = 1300 psi, ATR = 2.9 bpm, ISIP = 1300 psi. Reset BP @ 4836' KB, WOT @ 4739' KB, pkr @ 4730' KB. Acidize zone 4781' - 4787' w/300 gals 15% HCL & 1134 gals 2% KCL wtr. Communicate w/4726' zone. Leave BP @ 4836' KB, reset pkr @ 4670' KB, EOT @ 4679' KB. Acidize zone 4710' - 4726' w/924 gals 15% HCL acid & 2142 gals 2% KCL wtr. ATP = 1900 psi, ATR = 2.1 bpm, ISIP = 1700 psi. RD BJ Services. Reset BP @ 5487' KB, pkr @ 4670' KB. Made 11 swab runs. Recovered 14 bbls oil, 51 bbls wtr & acid. Release pkr, release BP. POOH w/18 jts tbg. SWIFN.

DC: \$17,191

CC: \$87,702

10/15/96 Re-Entry

POOH w/tbg, pkr & BP. TIH w/injection string (tbg) as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Arrow Set-1 pkr 2-3/8" x 5-1/2"	7.24'	3965.83'
1 - Cross Over 2-3/8" x 2-7/8"	.38	3958.59'
1 - Seat Nipple 2-7/8"	1.10'	3958.21'
127 - jts 2-7/8" EUE J-55 8rd 6.5#	3941.11'	3957.11'
KB	16.00'	

Press test tbg to 3000 psi, 1/2 hr, no loss. Retrieve standing valve. ND BOP, flange up well head. Pump 55 gals Champion Cortron 2383 pkr fluid mixed w/61 bbls wtr down csg. Unflange tbg head. Set pkr w/9" tension (10,000#). Flange up well head.

Press test pkr & csg to 1000 psi, 1 hr, no loss. SWI. RDMO.

DC: \$18,711

CC: \$106,413

Attachment to Completion Report
Monument Federal #44-8-9-17B
SE SE Section 8, T9S, R17E
Duchesne County, Utah
Beluga Unit

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
4043' - 4052'	Break down with 2,646 gallons 2% KCL water. Fracture with 15,420# 16/30 mesh sand with 6,510 gallons 2% KCL gelled water.
4609' - 4616'	Break down with 2,940 gallons 2% KCL water. Fracture with 12,500# 16/30 mesh sand with 6,762 gallons 2% KCL gelled water.
4710' - 4787'	Break down with 924 gallons 15% HCL and 2,142 gallons 2% KCL water.
4781' - 4787'	Break down with 300 gallons 15% HCL and 1,134 gallons 2% KCL water.
5422' - 5441'	Break down with 924 gallons 15% HCL and 1,386 gallons 2% KCL water.

/mc
11-4-96

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other Injection (Water)

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other **CONFIDENTIAL**

2. NAME OF OPERATOR
Equitable Resources Energy Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 602.1' FSL & 597.8' FEL

At top prod. interval reported below

At total depth

CONFIDENTIAL

14. PERMIT NO. 43-013-30643 DATE ISSUED 9-4-96

5. LEASE DESIGNATION AND SERIAL NO.
U-74398

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

7. UNIT AGREEMENT NAME
Beluga Unit

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#44-8-9-17B

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

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
SE SE Sec. 8, T9S, R17E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 9-30-96 16. DATE T.D. REACHED n/a 17. DATE COMPL. (Ready to prod.) n/a 10-15-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5318' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5848' 21. PLUG, BACK T.D., MD & TVD 5806' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY → ROTARY TOOLS n/a CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* n/a 25. WAS DIRECTIONAL SURVEY MADE n/a

26. TYPE ELECTRIC AND OTHER LOGS RUN ¹⁰⁻²¹⁻⁹⁶ CBL, PLUS SETTING RECORD, PERFORATING RECORD 27. WAS WELL CORED n/a

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Please see original completion report.					

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NOV 07 1996
DIV. OF OIL, GAS & MINING

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-3/8"	3958.59'	3965.83'

31. PERFORATION RECORD (Interval, size and number)

4043' - 4046' (4 SPF)	4710' - 4726' (2 SPF)
4049' - 4052' (4 SPF)	
4609' - 4616' (4 SPF)	
5422' - 5441' (2 SPF)	
4781' - 4787' (2 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)
n/a	n/a	SI WO Injection.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
n/a							

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) n/a TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Section 32.

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 11-4-96

*(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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Please see original completion report.		

38. GEOLOGIC MARKERS

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 44-8-9-17B (RE-ENTRY)

Api No. 43-013-30643

Section 8 Township 9S Range 17E County DUCHESNE

Drilling Contractor BASIN WELL SERVICE

Rig #: 1

SPUDDED:

Date: 9/30/96

Time: _____

How: ROTARY

Drilling will commence: _____

Reported by: DALE GRIFFIN

Telephone #: _____

Date: 9/27/96 Signed: JLT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

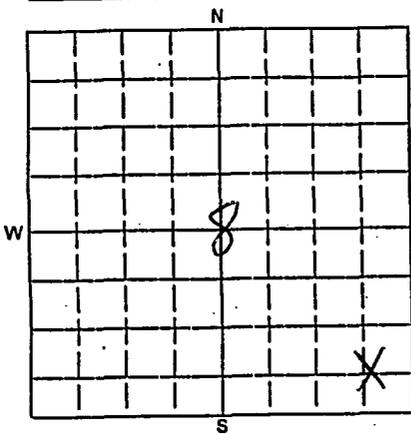
NAME AND ADDRESS OF CONTRACTOR
Basin Well Service
Box 2876
Roosevelt, Utah, 84066

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE Utah COUNTY Duchesne County PERMIT NUMBER Case # U-74398

SURFACE LOCATION DESCRIPTION
SE 1/4 OF SE 1/4 OF 1/4 SECTION 8 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT



Surface Location 600 ft. from (N/S) S Line of quarter section
and 600 ft. from (E/W) E Line of quarter section

WELL ACTIVITY
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage

Lease Name
Beluga Unit

Total Depth Before Rework
Re-Entry
Total Depth After Rework
5848' KB
Date Rework Commenced
9/30/96
Date Rework Completed
10/15/96

TYPE OF PERMIT
 Individual
 Area
Number of Wells

Well Number
Monument Federal #44-8-9-17B

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
<u>See Attached</u>						

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
<u>See Attached</u>						

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals
<u>DLL / Microlog</u>	
<u>SP / GR / Calliper</u>	
<u>CBL / Spectrolog</u>	

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print)
John Zellitt
Senior Production Engineer

SIGNATURE

DATE SIGNED
11-11-96



EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: **MONUMENT BUTTE FEDERAL #44-8-9-17B**

FIELD: Monument Butte (Beluga Unit)

FEDERAL LEASE NO.: U-74398

LOCATION: SE SE Sec.8 T9S R17E

FOOTAGE: 600' FSL, 600' FEL

COUNTY/STATE: Duchesne / Utah

WORKING INTEREST: 0.91491728

PRODUCING FORMATION: Green River

COMPLETION DATE: 12/11/83

INITIAL PRODUCTION: 90 BO, 47 MCF, 4 BW

OIL/GAS PURCHASER:

PRESENT PROD STATUS: P&A

ELEVATIONS - GROUND: 5319' GL

TOTAL DEPTH: 5848' KB

DATE : 10/28/96 DZ

API NO.: 43-013-30643

NET REVENUE INTEREST: 0.80471769 Oil

0.73108274 Gas

SPUD DATE: 10/2/83

OIL GRAVITY: 34.8

BHT:

KB: 5335.9' KB (16.9' KB)

PLUG BACK TD: 5806' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 283'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2% CC
 + 3% salt + 1/4 #/sk D-29

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5831'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 127 Jts (3941.11')
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.24'
 PACKER LANDED AT: 3959' KB
 PKR Set w/ 10,000# (9" Tension)

CEMENT TOP AT: 848' KB

PERFORATION RECORD

350' - 351' (For Plugging)	4 HOLES
4710' - 4726' R5	2 SPF 34 HOLES
4781' - 4787' G16	2 SPF 14 HOLES
5422' - 5441' B1	2 SPF 40 HOLES
5691' - 5696' B4	2 SPF 12 HOLES

Proposed Perforations

4043' - 4046' Y2	4 SPF
4049' - 4052' Y2	4 SPF
4609'-4616' R2	4 SPF

PLUG DEPTHS (RE_ENTERED 9/30/96)

TAGGED TOP AT 4770'	Set cmt plug from 4700' - 4400' 35 sxs class "G" (301'), SI for night. Tagged top at 4770'.
TOP AT 4330'	added 50 sks to top of plug (11 bbis slurry)
TOP AT 83'	displace hole w/ 9# gel perf 350' - 351' 4 holes pump top plug to surface
TOP OFF CEMENT AND INSTALL DRY HOLE MARKER	

LOGS: DLL / Microlog
 SP / GR/ Caliper
 CBL / Spectrolog

INFORMATION CONTINUED ON NEXT PAGE

Pre-Rework



MONUMENT BUTTE FEDERAL #44-8-9-17B
SE SE Sec.8 T9S R17E
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

10/28/96 DZ

WELL DATA INFORMATION CONTINUED
PAGE TWO

ACID JOB / BREAKDOWN JOB

5691' - 5696'	1000 gal 5% KCl w/ clay stab
5422' - 5441'	2000 gal KCl w/ clay stab
4780' - 4786'	1000 gal 5 % KCl water
4780' - 4786' & 4710' - 4726'	3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid
10/9/96 4043'-4046' 4049'-4052'	BJ Services: 2646 gal 2% KCL water w/ 48 ball sealers. Ball action but no ball off. ATP= 3200 psi, ATR= 3.2 bpm, ISIP= 1580 psi.
10/9/96 4609'-4616'	BJ Services: 2941 gal 2% KCL water w/ 46 ball sealers. Ball action but no ball off. ATP= 3500 psi, ATR= 3.0 bpm, ISIP= 1580 psi.
10/14/96 4710'-4726' 4781'-4787'	BJ Services: 924 gal 15% HCL. ATP= 1900 psi, ATR= 2.1 bpm, ISIP= 1700 psi.
10/14/96 4781'-4787'	BJ Services: 300 gal 15% HCL. No pressures given.
10/14/96 5422'-5441'	BJ Services: 924 gal 15% HCL. ATP= 1300 psi, ATR= 2.9 bpm, ISIP= 1300 psi.

} Post Rework

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

P & A WELLBORE DIAGRAM

DATE : 11/4/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 283' KB
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2% CC
 + 3% salt + 1/4 #/sk D-29

Cement Plug # 1

300' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5831'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite

CEMENT TOP AT:

TUBING

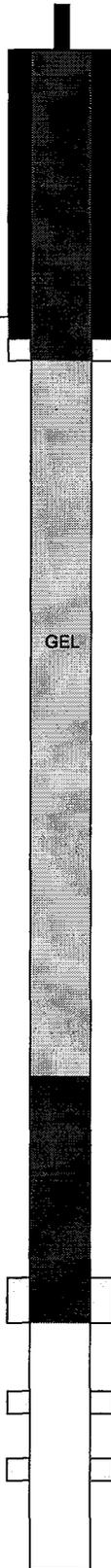
SIZE/GRADE/WT.: NONE
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN LANDED AT:

SUCKER RODS

POLISHED ROD: NONE
 SUCKER RODS:
 STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE: NA
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT: NA
 PRIME MOVER:

LOGS: DLL / Microlog
 SP / GR/ Caliper
 CBL / Spectrolog

Cement Plug # 2



ACID JOB /BREAKDOWN

5691' - 5696' 1000 gal 5% KCl w/ clay stab
 5422' - 5441' 2000 gal KCl w/ clay stab
 4780' - 4786' 1000 gal 5% KCl water
 4780' - 4786' & 4710' - 4726' 3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid

FRAC JOB

5691' - 5696' 26,314 gal KCl water w/ 78,800# 20/40, screened off w/ 22,800# of 8# in formation
 5422' - 5441' 100,000# 20/40 w/ 29,000 gal 5% KCl water.
 4780' - 4786' 28,000 gal KCl wtr w/ 66,000# 20/40, screened out w/ 10,000# of 8# in formation.
 4710' - 4726' 28,000 gal KCl wtr w/ 59,000# 20/40 sand

PERFORATION RECORD

350' - 351' (For Plugging) 4 HOLES
 4710' - 4726' R5 2 SPF 34 HOLES
 4780' - 4786' G16 2 SPF 14 HOLES
 5422' - 5441' B1 2 SPF 40 HOLES
 5691' - 5696' B4 2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046' Y2
 4049' - 4052' Y2
 4609' - 4616' R2

PLUGGING RECORD

TAGGED TOP AT 4770' Set cmt plug from 4700' - 4400' 35 sxs class "G" (301'), SI for night. Tagged top at 4770'.
 TOP AT 4330' added 50 sks to top of plug (11 bbls slurry)
 TOP AT 83' displace hole w/ 9# gel perf 350' - 351' 4 holes pump top plug to surface
 TOP OFF CEMENT AND INTALL DRY HOLE MARKER

PBTD @ 5806' KB
 TD @ 5848' KB

Pre-Rework



MONUMENT FEDERAL #44-8-9-17B
 (formally Monument Butte Federal #1-8)
 SE SE Sec.8 T9S R17E
 600' FSL, 600' FEL
 Lease No. U-74398
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

Injection Wellbore Diagram

DATE : 10/28/96

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 300'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2%CC
 + 3% salt + 1/4 #/sk D-29

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5848'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite
 CEMENT TOP AT: 848' KB

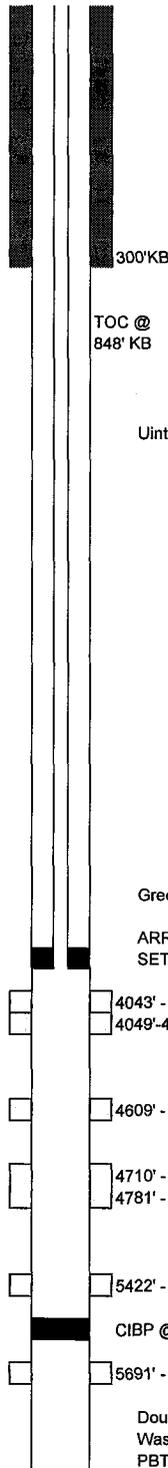
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 127 Jts (3941.11')
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.24'
 PACKER LANDED AT: 3959' KB
 PKR Set w/ 10,000# (9" Tension)

RE-ENTRY: 1.) Drill out cmt plugs and TIH to 5806' PBTD.
 2.) Perforate, acidize, and frac perms.
 See Breakdown report.
 4.) Pump PKR fluid and Set Arrow Set-1 PKR
 @ 3959'. Press. test csg to 1000 psi. Good.

PACKER FLUID: Champion Cortron 2383 PKR fluid
 mixed w/ 61bbls 2% KCL water. 10/15/96

MIT RECORD:



300'KB

TOC @
848' KB

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Depth Range	Grade	SPF	Holes
350' - 351' (For Plugging)		4	HOLES
4710' - 4726'	R5	2 SPF	34 HOLE
4781' - 4787'	G16	2 SPF	14 HOLE
5422' - 5441'	B1	2 SPF	40 HOLE
5691' - 5696'	B4	2 SPF	12 HOLE
4043' - 4046'	Y2	4	SPF
4049' - 4052'	Y2	4	SPF
4609' - 4616'	R2	4	SPF

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
SET @ 3959' KB

4043' - 4046'
4049'-4052'

4609' - 4616'

4710' - 4726'
4781' - 4787'

5422' - 5441'

CIBP @ 5660' KB

5691' - 5696'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.
 PBTD @ 5806' KB
 TD @ 5848' KB

Wasatch Formation 5950 ft.

Post Rework

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-74398

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Mon. Fed. 44-8-9-17B

9. API Well No.

43-013-30643

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

11. County or Parish, State

Dachesne Co. UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other WTW

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)

SE SE 8-T9S-R17E
600' FSH 600' FEL

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

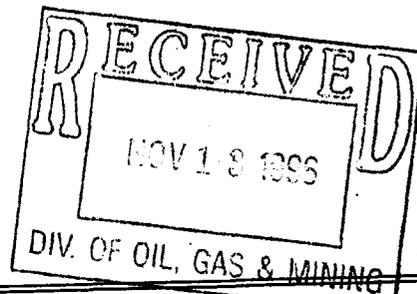
- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other request for approval to inject
- Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)
COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)
COPY: U.S. EPA (Attention: Chuck Williams)



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

Regulatory and Environmental Specialist

November 12, 1996

Signed Bobbie Schuman
(This space for Federal or State office use)

Title _____ Date _____

Approved by _____
Conditions of approval, if any:

Title _____ Date _____

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

WO tax credit denied - 9/97 *See Instruction on Reverse Side



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)

November 20, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 31-17
Pomco 5
State NGC 11-16
Balcron Monument Federal 33-8
Balcron Monument Federal 13-8

Monument State 13-16-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 22-17
Paiute Federal 11-7
Monument Butte Federal 1-8
Paiute Federal 24-8
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



Page 2
Equitable Resources Energy Company
November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth". The signature is stylized and somewhat cursive, with a large initial "R" and "J".

R. J. Firth
Associate Director

lwp
cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal



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)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B
Monument State 13-16-9-17B
Monument State 33-17-9-17B
Balcron Monument Federal 42-17
Balcron Monument Federal 31-17
Balcron Monument Federal 22-17
Pomco 5
Paiute Federal 11-7
State NGC 11-16
Monument Butte Federal 1-8
Balcron Monument Federal 33-8
Paiute Federal 24-8
Balcron Monument Federal 13-8
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17
East,
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

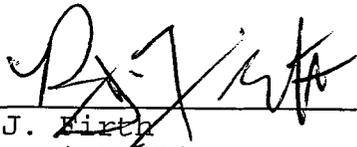
Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on
May 21, 1996



2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas

11/20/96
Date

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.
See attached list

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.
See attached list

9. API Well No.
See attached list

10. Field and Pool, or Exploratory Area
Mon. Butte/Grn. 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

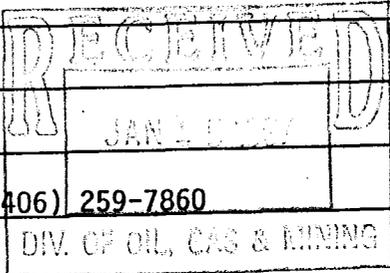
Equitable Resources Energy Company

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)

See attached list



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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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

The Monument Federal #44-8-17B (1-87) has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 440 STBWPD.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining
COPY: U.S. Environmental Protection Agency (UIC Section)

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

Signed Bobbie Schuman

(This space for Federal or State office use)

Regulatory and Environmental Specialist

Title

Date January 13, 1997

Title

Date

Approved by _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

Federal

Field	Status	Formation	Lease #	APT #	Footages	UNIT				
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8 9S 17E	Duchesne	UT Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 894' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17 9S 17E	Duchesne	UT Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17 9S 17E	Duchesne	UT Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8 9S 17E	Duchesne	UT Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17 9S 17E	Duchesne	UT Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7 9S 17E	Duchesne	UT Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17 9S 17E	Duchesne	UT OIL	Green River	UTU-74108		2217' FSL, 2187' FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7 9S 17E	Duchesne	UT Oil	Green River	U-3563-A	43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17 9S 17E	Duchesne	UT COMPL	Green River	U-72106		1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8 9S 17E	Duchesne	UT PND	Green River	U-74398	43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16 9S 17E	Duchesne	UT DRLG	Green River	State ML-21844	43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16 9S 17E	Duchesne	UT SI	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 SI	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL	Beluga
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	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	Beluga
POMCO #5	Monument Butte	NW SW	17 9S 17E	Duchesne	UT Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/20

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y 11880
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y 11880
EQUITABLE RE	43-013-30648	44-8-17B	09S	17E	8	INJW	Y 1523
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y 6130
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y 11880
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y 11880
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N

RECEIVED

OCT 10 1997



October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

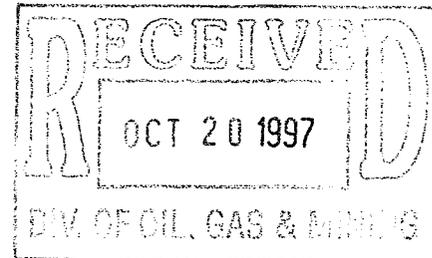
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

OO, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 9-30-97

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

* Must be accompanied by a cement verification report.

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

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

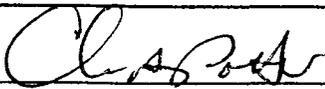
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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

OCT 10 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
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	
ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
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 Beluga	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	

RECEIVED
OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED
OCT 13 1997

Well name and number: See Attached **BELUGA (GREEN RIVER) UNIT**
Field or Unit name: See Attached API no. See Attached
Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached
Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR
Transfer approved by:
Name David M. McCoskery Company Equitable Resources Energy Co.
Signature [Signature] Address 1601 Lewis Avenue
Title Director of Operations & Engineering Billings, MT 59102
Date 9-30-97 Phone (406) 259-7860
Comments:

NEW OPERATOR
Transfer approved by:
Name Chris A Potter Company Inland Production Company
Signature [Signature] Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202
Date 9-30-97 Phone (303) 292-0900
Comments:

(State use only)
Transfer approved by [Signature] Title Manager
Approval Date 3-19-98

RECEIVED
OCT 20 1997
DIV. OF OIL, GAS & MINING

Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ 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	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145 ml 3453B	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
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



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

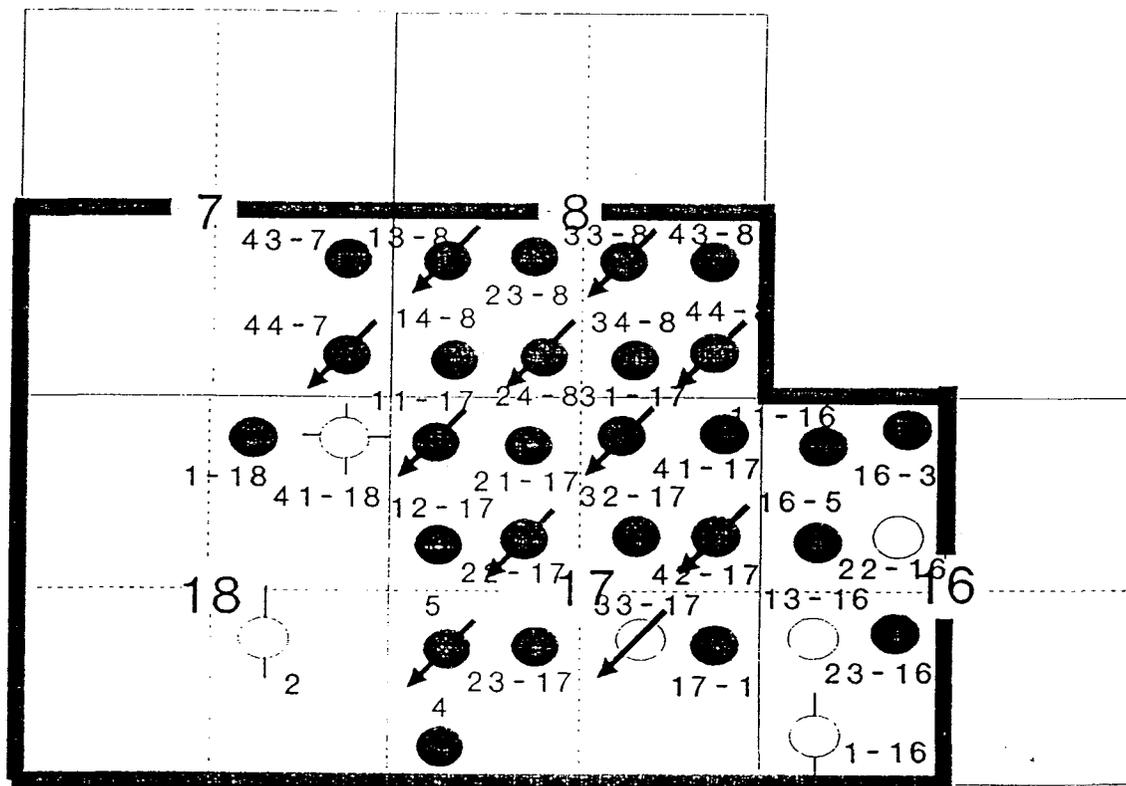
Well Status Report
Utah State Office
Bureau of Land Management

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	23-179-17B	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 BALCROW 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



17E

— UNIT OUTLINE (UTU75023X)

2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

OPERATOR CHANGE WORKSHEET

1-LTC ✓	6-LTC ✓
2-GLH ✓	7-KAS ✓
3-FTS ✓	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) (address) <u>INLAND PRODUCTION CO.</u> <u>PO BOX 1446</u> <u>ROOSEVELT UT 84066</u> Phone: <u>(435) 722-5103</u> Account no. <u>N5160</u>	FROM: (old operator) (address)	<u>EQUITABLE RESOURCES ENERGY</u> <u>C/O CRAZY MTN O&G SVS'S</u> <u>PO BOX 577</u> <u>LAUREL MT 59044</u> Phone: <u>(406) 628-4164</u> Account no. <u>N9890</u>
--	--	--

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-30643</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

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)
2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (3-11-98) * Quattro Pro & DBASE (kic) 3-11-98.
6. **Cardex** file has been updated for each well listed above. (3-11-98)
7. Well **file labels** have been updated for each well listed above. (3-11-98)
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)
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- 1. Copies of documents have been sent on 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.
- 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been **microfilmed**. Today's date: 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 Aprv. 3-2-98.

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-40326	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME BELUGA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. ⁹ See also space 17 below.) At surface SE/SE Section 8, T09S R17E 602 FSL 598 FEL		8. FARM OR LEASE NAME MONUMENT FED 44-8B-9-17	
14. API NUMBER 43-013-30643		9. WELL NO. MONUMENT FED 44-8B-9-17	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5319 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA SE/SE Section 8, T09S R17E	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		12. COUNTY OR PARISH DUCHESNE	
13. STATE UT			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <u>5 Year MIT</u>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/01/01 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/State DOGM was notified of the intent to conduct a MIT on the casing. On 10/25/01 the casing was pressured to 1000 psi and maintained with no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

RECEIVED

OCT 29 2001

DIVISION OF
OIL, GAS AND MINING

10-29-01
CHD

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/26/01
Krishna Russell

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

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-29-01
By: [Signature]

* See Instructions On Reverse Side

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A Date: 10/25/01
 Test conducted by: Brent Cook
 Others present: _____

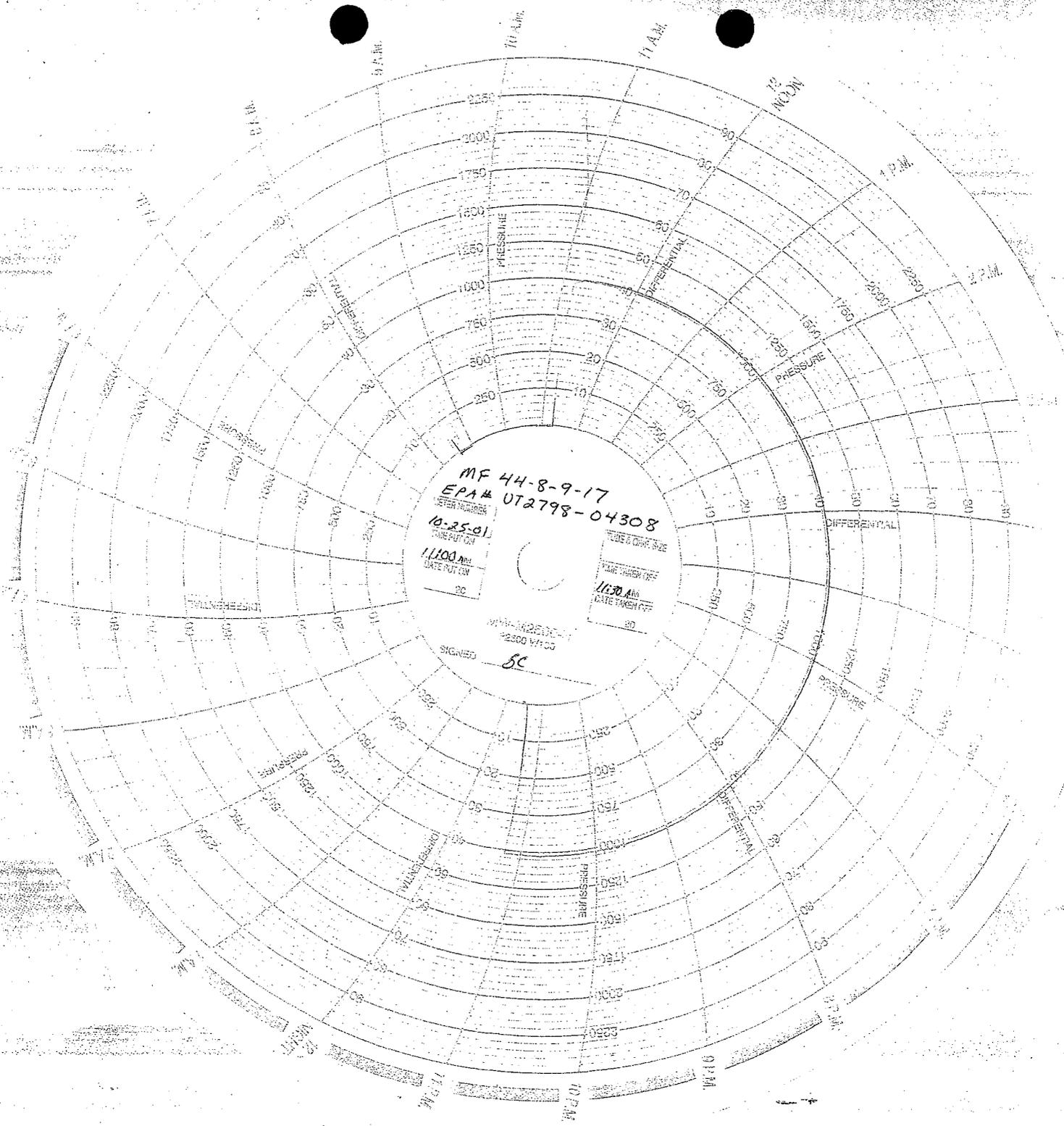
Well Name: <u>MF 44-8-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Beluga</u>		
Location: <u>44</u> Sec: <u>8</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duch</u>	State: <u>VT</u>
Operator: <u>Inland Production</u>		
Last MIT: <u>11/13/96</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 66 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1830</u> psig	psig	psig
End of test pressure	<u>1830</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</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



MF 44-8-9-17
EPA# UT2798-04308
SERIAL NO. 10-25-01
DATE PUT ON 11/00
DATE TAKEN OFF 00
TUBE'S CHG. SIZE
DATE TAKEN OFF 11/00
DATE TAKEN OFF 00
SIGNED SC

THE UNIVERSITY OF TEXAS AT AUSTIN
INSTITUTION FOR ENVIRONMENTAL STUDIES
AUSTIN, TEXAS 78712-1021



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04
 Title: Tech. Services Manager

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

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

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No. _____ **Unit:** **BELUGA (GREEN RIVER)**

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MOCON FED 44-7	07	090S	170E	4301330666	11880	Federal	WI	A
MON FED 44-8-9-17B	08	090S	170E	4301330643	11880	Federal	WI	A
PAIUTE FED 24-8	08	090S	170E	4301330675	11880	Federal	WI	A
PAIUTE FEDERAL 43-8	08	090S	170E	4301330777	11880	Federal	OW	P
PAIUTE FEDERAL 34-8	08	090S	170E	4301330778	11880	Federal	OW	P
MAXUS FEDERAL 23-8	08	090S	170E	4301331196	11880	Federal	OW	P
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	A
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	OW	P
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	OW	P
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	OW	P
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	OW	P
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	A
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	A
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	A
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	OW	S
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
U-74398

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
BELUGA UNIT

8. WELL NAME and NUMBER:
MON 44-8-9-17B

9. API NUMBER:
4301330643

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 602 FSL 598 FEL COUNTY: DUCHESNE
OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SESE, 8, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/18/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
A step rate test was conducted on the subject well on May 25, 2006. Results from the test indicate that the fracture gradient is .906 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1905 psi.

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

NAME (PLEASE PRINT) Cheyenne Bateman TITLE Well Analyst Foreman

SIGNATURE  DATE 07/18/2006

(This space for State use only)

RECEIVED
JUL 26 2006
DIV. OF OIL, GAS & MINING

Step Rate Test (SRT) Analysis

Date: 07/18/2006

Operator:

Newfield Production Company

Well:

Monument Federal 44-8B-9-17

Permit #:

UT20798-04308

Enter the following data :

Specific Gravity (sg) of injectate = 1.005 g/cc
Depth to top perforation (D) = 4043 feet
Top of permitted injection zone depth (blank=use top perforation to calculate fg) = _____ feet
Estimated Formation Parting Pressure (P_{fp}) from SRT chart = 1905 psi
Instantaneous Shut In Pressure (ISIP) from SRT = 1910 psi
Bottom Hole Parting Pressure (P_{bhp}) from downhole pressure recorder = _____ psi

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.906 psi/ft.

where: fg = P_{bhp} / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) =

D = depth used = 4043

P_{bhp} used = 3664

Calculated Bottom Hole Parting Pressure (P_{bhp}) = 3664 psi

to calculate Bottom Hole Parting Pressure (P_{bhp}) = Formation Fracture Pressure (ISIP or P_{fp}) + (0.433 * SG * D)

(Uses lesser of ISIP or P_{fp}) Value used = 1905

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

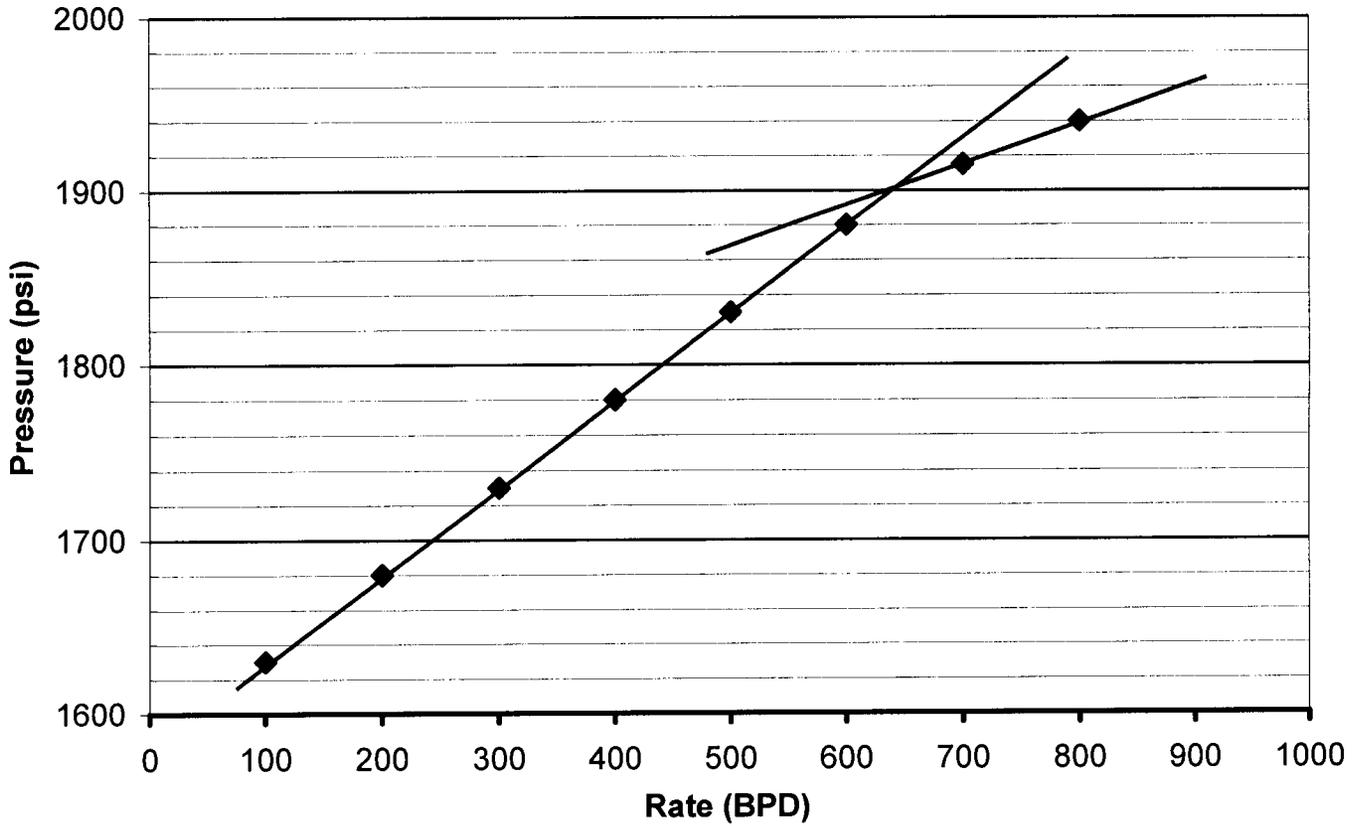
Maximum Allowable Injection Pressure (MAIP) = 1905 psig
D = depth used = 4043 MAIP = [(fg * (0.433 * SG))] * D = 1903.586 (rounded to nearest 5 psig)

RECEIVED

JUL 20 2006

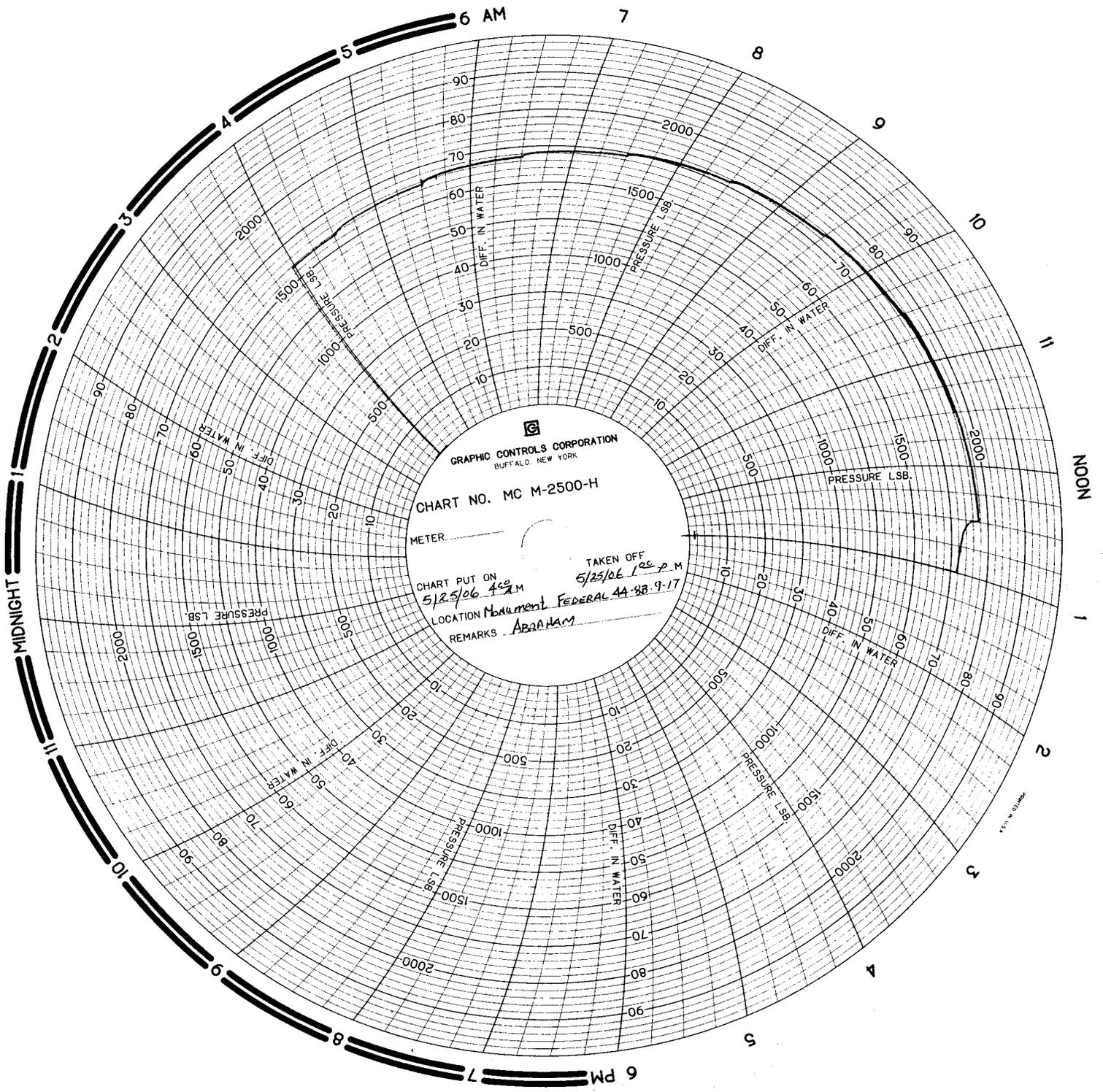
DIV. OF OIL, GAS & MINING

**Monument Federal 44-8B-9-17
Beluga Unit
Step Rate Test
May 25, 2006**



Start Pressure: 1590 psi
Instantaneous Shut In Pressure (ISIP): 1910 psi
Top Perforation: 4043 feet
Fracture pressure (Pfp): 1905 psi
FG: 0.906 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1630
2	200	1680
3	300	1730
4	400	1780
5	500	1830
6	600	1880
7	700	1915
8	800	1940



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER _____

CHART PUT ON 5/25/06 4:22 AM
TAKEN OFF 5/25/06 1:02 PM

LOCATION Monument FEDERAL AA-38 9-17
REMARKS ABRAHAM

1-7717-01-0100

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

U-74398

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

BELUGA UNIT

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

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

MON 44-8-9-17B

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301330643

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 602 FSL 598 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 8, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/18/2006	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was recompleted in the Green River Formation. Three new intervals were perforated. The A.5 sds 4912'-4922' with 4 JSPF, 40 shots, A1 sds 4973'-4982' with 4 JSPF, 36 shots, CP3 sds 5520'-5530' with 4 JSPF, 40 shots. One existing interval was re-perforated, the D2 sds 4609'-4616', 4 JSPF. For a total of 144 shots.

On 8/11/06 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 8/29/06. On 8/29/06 the csg was pressured up to 1255 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20798-04308 API# 43-013-30643

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

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

Callie Duncan

DATE 09/05/2006

(This space for State use only)

RECEIVED

SEP 11 2006

DIV. OF OIL, GAS & MINING

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: 8 129 106
 Test conducted by: Trefley Raza
 Others present: _____

Well Name: <u>MONUMENT Federal 44-8-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Beluga Unit</u>		
Location: _____	Sec: <u>8</u>	T <u>9</u> N <u>10</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

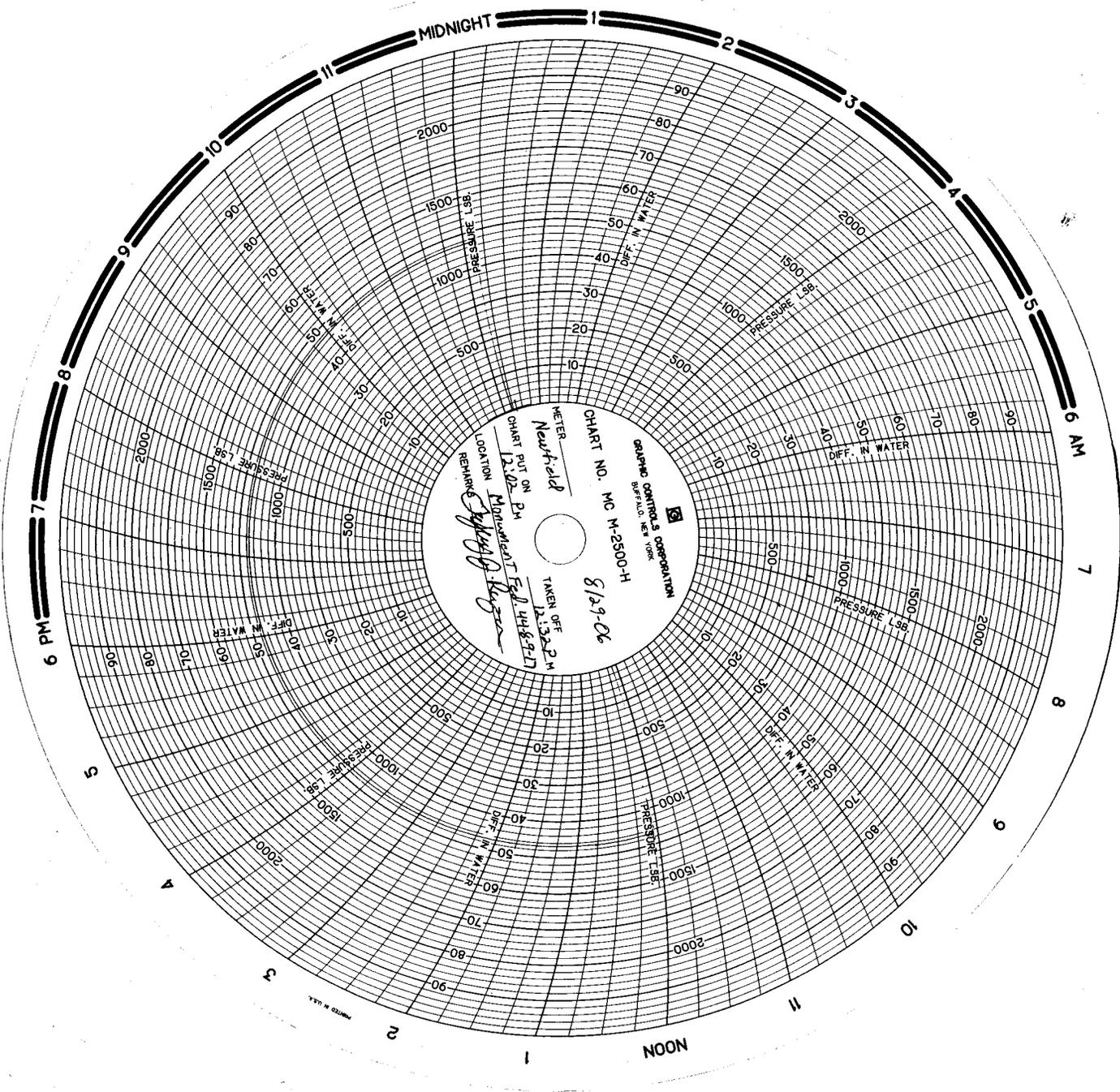
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1200</u> psig	psig	psig
End of test pressure	<u>1200</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1145</u> psig	psig	psig
5 minutes	<u>1145</u> psig	psig	psig
10 minutes	<u>1145</u> psig	psig	psig
15 minutes	<u>1145</u> psig	psig	psig
20 minutes	<u>1145</u> psig	psig	psig
25 minutes	<u>1145</u> psig	psig	psig
30 minutes	<u>1145</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: _____



GRUPO CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER
Newfield

CHART PUT ON PM
12:02

TAKEN OFF
12:32 P.M.

LOCATION
MONTICMANT FALLS

REMARKS
[Signature]

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-40326
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON FED 44-8-9-17B
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013306430000
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: 0602 FSL 0598 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 08 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: 7/28/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
		OTHER: <input type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 07/14/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 07/28/2011 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1858 psig during the test. There was not an EPA representative available to witness the test.</p> <p style="text-align: center;">EPA# UT20798-04308</p>		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/4/2011

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: 7/28/2011
 Test conducted by: BEN GRANT
 Others present: _____

Well Name: <u>MON FOO 44-8-9-176</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Iron Gate</u>		
Location: <u>SE SE</u> Sec: <u>8</u> T <u>9</u> N <u>10</u> R <u>170</u> / W	County: <u>Dickens</u>	State: <u>UT</u>
Operator: <u>NEWFIELD</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1905</u>	PSIG

Is this a regularly scheduled test? Yes [] No
 Initial test for permit? [] Yes No
 Test after well rework? [] Yes No
 Well injecting during test? Yes [] No If Yes, rate: 70 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1858</u> psig	psig	psig
End of test pressure	<u>1856</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes <u>11:05A</u>	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes <u>11:35A</u>	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] 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: B. Grant

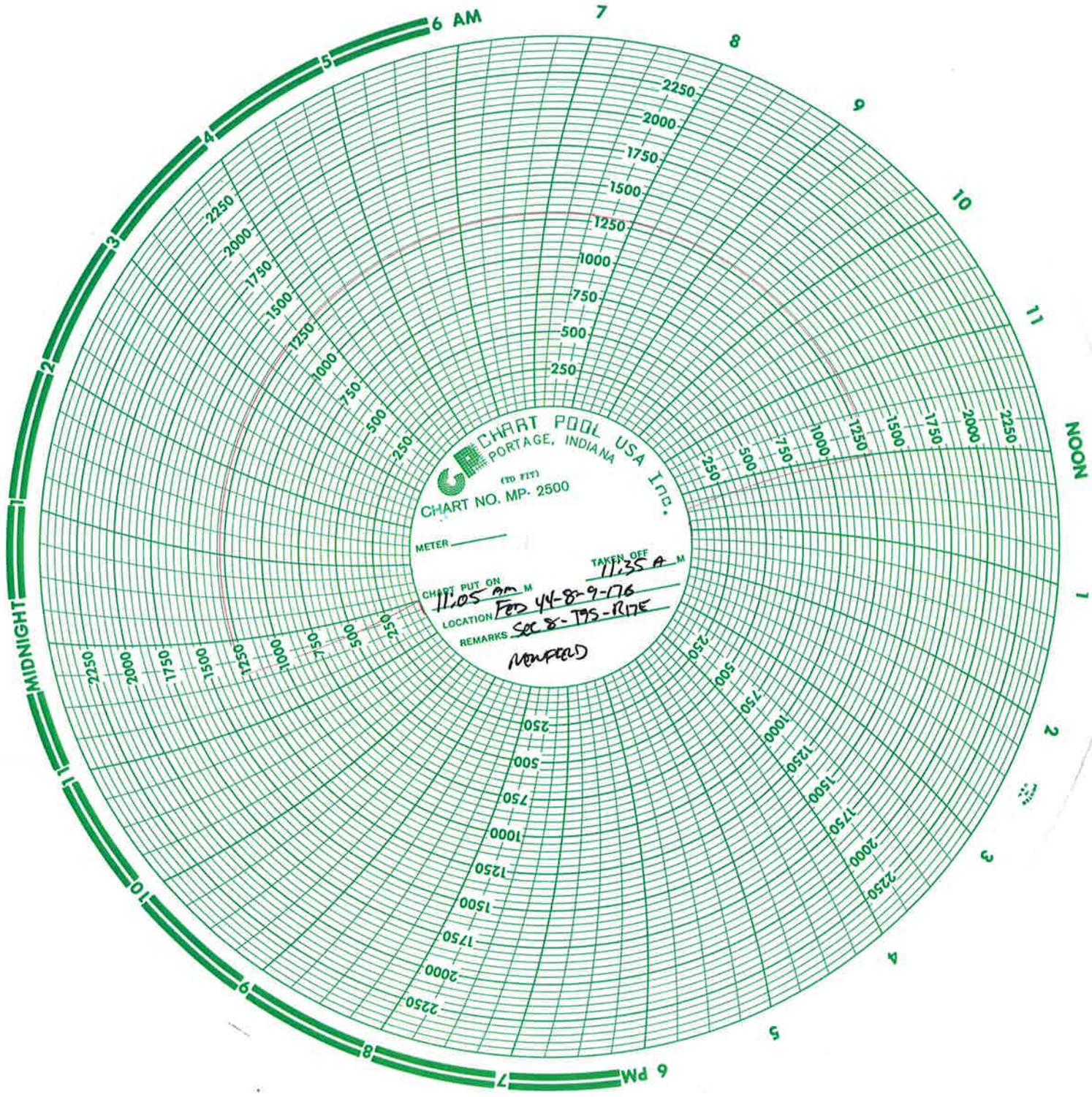


CHART POOL USA INC.
PORTAGE, INDIANA
(70 FEET)
CHART NO. MP. 2500
METER _____
TAKEN OFF 11.35 A M
CHART PUT ON 11.05 am M
LOCATION FOS 44-8-9-176
REMARKS SEC 8-195-R17E
MONFRED

Monument Butte Federal #44-8-9-17B

Spud Date: 10 2 83

Completion Date 12 11 83

GI: 5319' KB: 5335.9' KB (16.9' KB)

Injection Diagram

Initial Production: 90 BO,
47 MCF, 4 BW

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 300'
DEPTH LANDED: 300' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 220 sxs Class "G" + 2%CC
+ 3% salt + 1/4 #/sk D-29

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5848'
DEPTH LANDED: 5848' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 168 sxs Hi-Lift + 3% salt, tailed
w/ 476 sxs RFC 10-0 + 5# Kolite

CEMENT TOP AT 848' KB

Umta Formation Surface to 1450 ft

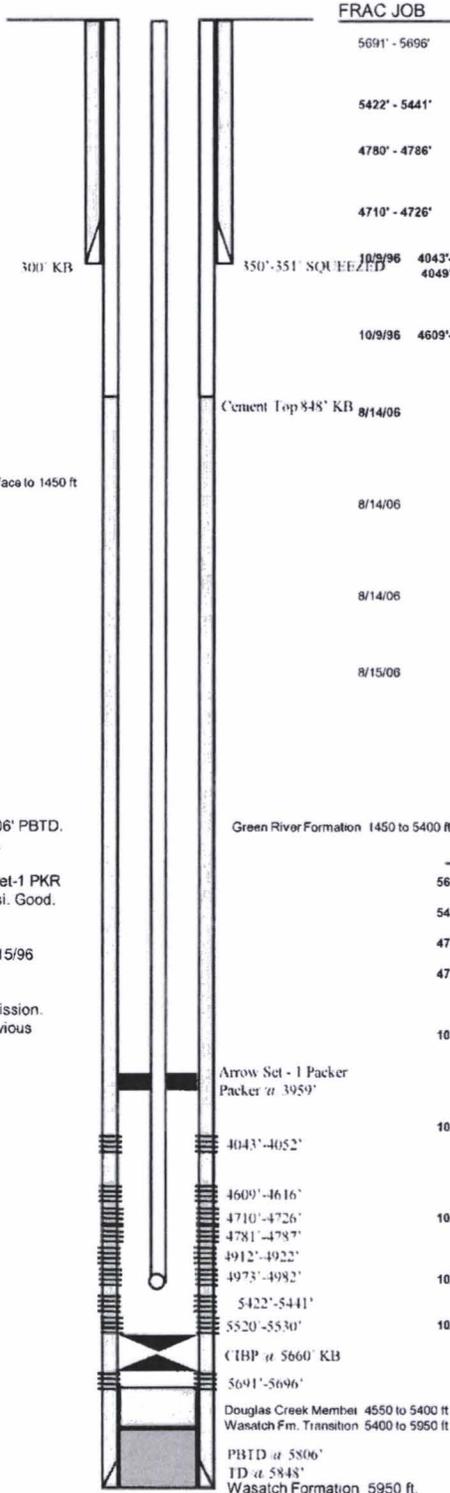
Tubing Record

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 127 Jts (3941 11')
SEATING NIPPLE: 2-7/8" X 1.1'
ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.24'
PACKER LANDED AT: 3959' KB
PKR Set w/ 10,000# (9" Tension)

RE-ENTRY: 1.) Drill out cmt plugs and TIH to 5806' PBTD.
2.) Perforate, acidize, and frac perms.
See Breakdown report.
4.) Pump PKR fluid and Set Arrow Set-1 PKR
@ 3959'. Press. test csg to 1000 psi. Good.

PACKER FLUID: Champion Cortron 2383 PKR fluid
mixed w/ 61bbls 2% KCL water. 10/15/96

MIT RECORD: 11/13/96 Witnessed by
Dan Jarvis w/ Utah Oil & Gas Commission.
1070 psi had been applied 24 hr previous
and still holding 1070 psi



FRAC JOB

5691' - 5696'	26,314 gal KCl water w/ 78,800# 20/40, screened off w/ 22,800# of 8# in formation
5422' - 5441'	100,000# 20/40 w/ 29,000 gal 5% KCl water
4780' - 4786'	28,000 gal KCl wtr w/ 66,000# 20/40, screened out w/ 10,000# of 8# in formation
4710' - 4726'	28,000 gal KCl wtr w/ 59,000# 20/40 sand
10/9/96 4043'-4046' 4049'-4052'	BJ Services: 6510 gal 2% KCL water w/ 15,420# 16/30 sand ATP= 3260 psi, ATR= 15.0 bpm, ISIP= 2290 psi.
10/9/96 4609'-4616'	BJ Services: 6762 gal 2% KCL water w/ 12,500# sand ATP= 3200 psi, ATR= 14.1 bpm, ISIP= 2090 psi, 5 min= 1680 psi 10 min= 1760 psi, 15 min= 1660 psi Frac CP3 sds as follows: 13,304# of 20/40 sand in 144 bbls Lightening fluid Open well w/645 TP, 929 CP. Perfs broke @ 3193 Treated @ ave pressure of 3831 w/ave rate of 14.1 bpm w/6.5 ppg of sand ISIP 2250 Frac A1 sds as follows 25,184# of 20/40 sand in 223 bbls of Lightening 17 frac fluid. Open well w/ 0 TP, 547 CP Perfs broke down @ 3650 Treated @ ave pressure of 3415 w/ave rate of 14.2 bpm w/6.5 ppg of sand. ISIP 2270 Frac A 5 sds as follows 15,318# of 20/40 sand in 146 bbls Lightening 17 frac fluid. Open well w/800 TP, 309 CP Perfs broke down @ 4460. Treated @ ave pressure of 3948 w/ave rate of 14 bpm w/ 6.5 ppg of sand ISIP 3000 Frac D2 sds as follows (re-perf) 25,464# of 20/40 sand in 224 bbls of Lightening 17 frac fluid. Open well w/854 TP, 504 CP Perfs broke @ 4254 Treated @ ave pressure of 3905 w/ave rate of 14.2 bpm w/6.5 ppg of sand. ISIP 2650 Stage 5 D1 sds, left behind

ACID JOB / BREAKDOWN JOB

5691' - 5696'	1000 gal 5% KCl w/ clay stab
5422' - 5441'	2000 gal KCl w/ clay stab
4780' - 4786'	1000 gal 5% KCl water
4780' - 4786' & 4710' - 4726'	3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid
10/9/96 4043'-4046' 4049'-4052'	BJ Services: 2646 gal 2% KCL water w/ 48 ball sealers Ball action but no ball off. ATP= 3200 psi, ATR= 3.2 bpm, ISIP= 1580 psi
10/9/96 4609'-4616'	BJ Services: 2941 gal 2% KCL water w/ 46 ball sealers Ball action but no ball off ATP= 3500 psi, ATR= 3.0 bpm, ISIP= 1580 psi.
10/14/96 4710'-4726' 4781'-4787'	BJ Services: 924 gal 15% HCL. ATP= 1900 psi ATR= 2.1 bpm ISIP= 1700 psi
10/14/96 4781'-4787'	BJ Services: 300 gal 15% HCL. No pressures given
10/14/96 5422'-5441'	BJ Services: 924 gal 15% HCL. ATP= 1300 psi ATR= 2.9 bpm. ISIP= 1300 psi

PERFORATION RECORD

350' - 351' (For Plugging)	4 HOLES
5520'-5530' CP3	4 SPF 40 HOLES
4973'-4982' A1	4 SPF 36 HOLES
4912'-4922' A5	4 SPF 40 HOLES
4710' - 4726' R5	2 SPF 34 HOLES
4781' - 4787' G16	2 SPF 14 HOLES
5422' - 5441' B1	2 SPF 40 HOLES
5691' - 5696' B4	2 SPF 12 HOLES
4043' - 4046' Y2	4 SPF
4049' - 4052' Y2	4 SPF
4609'-4616' R2	4 SPF

NEWFIELD

Monument Butte Federal #44-8-9-17B
600' FSL 600' FEL
SE SE Section 8-T9S-R17E
Duchesne Co, Utah
API #43-013-30643; Lease #U-74398

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: UTU-40326
		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 FED 44-8-9-17B
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013306430000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0602 FSL 0598 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 08 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: 6/28/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 06/28/2016 the casing was pressured up to 1107 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1665 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04308

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 30, 2016**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/29/2016	

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: 6/28/2014
 Test conducted by: EVERETT UNAH
 Others present: _____

Well Name: <u>MON. FED. 44-8-9-17B</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SESE</u>	Sec: <u>8 T 9 N(S) R 17 (E) W</u>	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>New Field</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1736</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 49 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>11664</u> psig	psig	psig
End of test pressure	<u>11665</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1107</u> psig	psig	psig
5 minutes	<u>1107</u> psig	psig	psig
10 minutes	<u>1107</u> psig	psig	psig
15 minutes	<u>1107</u> psig	psig	psig
20 minutes	<u>1107</u> psig	psig	psig
25 minutes	<u>1107</u> psig	psig	psig
30 minutes	<u>1107</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

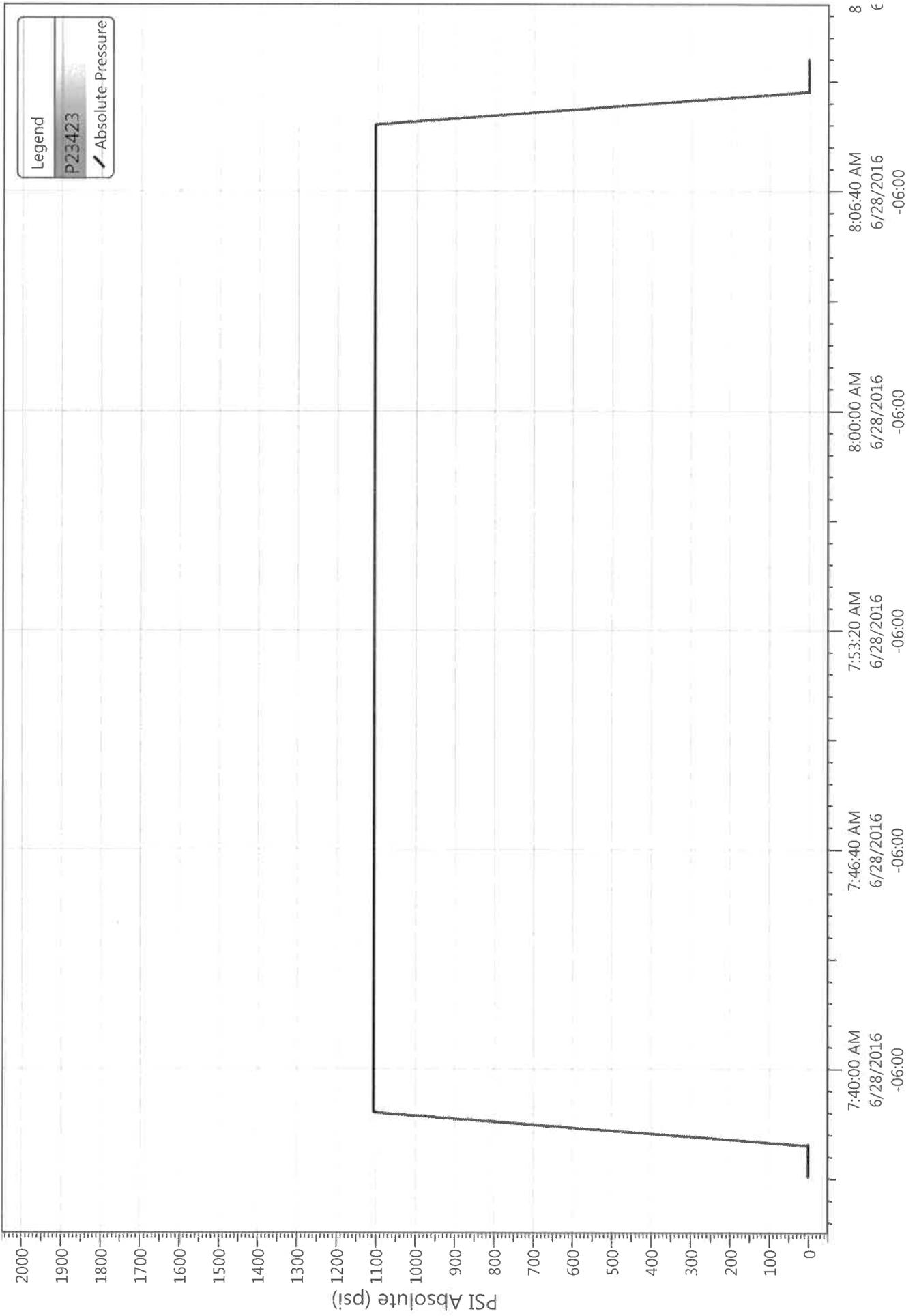
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

Monument Federal 44-8-9-17B (6-28-2016, 5yr. MIT)

6/28/2016 7:35:27 AM





WELL NAME: **MONUMENT BUTTE FEDERAL #1-8**
 FIELD: Monument Butte (Beluga Unit)
 FEDERAL LEASE NO.: U-40326
 LOCATION: SE SE Sec.8 T9S R17E
 FOOTAGE: 600' FSL, 600' FEL
 COUNTY/STATE: Duchesne / Utah
 WORKING INTEREST: 0.91491728
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/11/83
 INITIAL PRODUCTION: 90 BO, 47 MCF, 4 BW
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS: P&A
 ELEVATIONS - GROUND: 5319' GL
 TOTAL DEPTH: 5848' KB

DATE : 11/4/95 vk

API NO.: 43-013-30643

NET REVENUE INTEREST: 0.80471769 Oil
 0.73108274 Gas
 SPUD DATE: 10/2/83
 OIL GRAVITY: 34.8
 BHT:

KB: 5335.9' KB (16.9' KB)
 PLUG BACK TD: 5806' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 283'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2% CC
 + 3% salt + 1/4 #/sk D-29

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5831'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 188 sxs Hi-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kolite

TUBING RECORD

SIZE/GRADE/WT.:
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERFORATED SUB:
 MUD ANCHOR:
 TOTAL STRING LENGTH:
 SN LANDED AT:

CEMENT TOP AT:

PERFORATION RECORD

350' - 351' (For Plugging)		4 HOLES
4710' - 4726' R5	2 SPF	34 HOLES
4780' - 4786' G16	2 SPF	14 HOLES
5422' - 5441' B1	2 SPF	40 HOLES
5691' - 5696' B4	2 SPF	12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046' Y2
 4049' - 4052' Y2

SUCKER ROD RECORD

POLISHED ROD:
 SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP SIZE:

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

PLUG DEPTHS

TAGGED TOP AT 4770' Set cmt plug from 4700' - 4400'
 35 sxs class "G" (301'), SI for night.
 Tagged top at 4770'.

TOP AT 4330' added 50 sks to top of plug
 (11 bbls slurry)

TOP AT 83' displace hole w/ 9# gel
 perf 350' - 351' 4 holes
 pump top plug to surface

TOP OFF CEMENT AND INSTALL DRY HOLE MARKER

LOGS: DLL / Microlog
 SP / GR/ Caliper
 CBL / Spectrolog

INFORMATION CONTINUED ON NEXT PAGE

Note: Proposed to re-enter & convert to injection



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

MONUMENT BUTTE FEDERAL #1-8
SE SE Sec.8 T9S R17E
Monument Butte Field (Beluga Unit)
Duchesne County, Utah

11/4/94 vk

WELL DATA INFORMATION CONTINUED
PAGE TWO

ACID JOB / BREAKDOWN JOB

5691' - 5696'	1000 gal 5% KCl w/ clay stab
5422' - 5441'	2000 gal KCl w/ clay stab
4780' - 4786'	1000 gal 5 % KCl water
4780' - 4786' & 4710' - 4726'	3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid

FRAC JOB

5691' - 5696'	26,314 gal KCl water w/ 78,800# 20/40, screened off w/ 22,800# of 8# in formation
5422' - 5441'	100,000# 20/40 w/ 29,000 gal 5% KCl water.
4780' - 4786'	28,000 gal KCl wtr w/ 66,000# 20/40, screened out w/ 10,000# of 8# in formation.
4710' - 4726'	28,000 gal KCl wtr w/ 59,000# 20/40 sand

Elev.GR - 5319' GL
Elev.KB - 5335.9 KB (18.9' KB)

P & A
WELLBORE DIAGRAM

DATE : 11/4/95 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 38#
LENGTH: 283' KB
DEPTH LANDED: 300' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 220 sxs Class "G" + 2% CC
+ 3% salt + 1/4 #/sk D-29

Cement
Plug # 1

300' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 5831'
DEPTH LANDED: 5848' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 168 sxs HI-Lift + 3% salt, tailed
w/ 476 sxs RFC 10-0 + 5# Kolite

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: NONE
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT:

SUCKER RODS

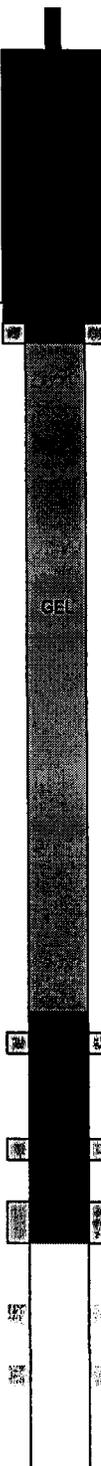
POLISHED ROD: NONE
SUCKER RODS:

STRING LENGTH:

PUMP NUMBER:
PUMP SIZE: NA

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT: NA
PRIME MOVER:

LOGS: DLL / Microlog
SP / GR/ Caliper
CBL / Spectrolog



ACID JOB /BREAKDOWN

5691' - 5696'	1000 gal 5% KCl w/ clay stab
5422' - 5441'	2000 gal KCl w/ clay stab
4780' - 4786'	1000 gal 5% KCl water
4780' - 4786' & 4710' - 4726'	3/5/86: acidize w/ 400 gal diesel followed by 2500 gal 15% HCl acid

FRAC JOB

5691' - 5696'	26,314 gal KCl water w/ 78,800# 20/40, screened off w/ 22,800# of 8# in formation
5422' - 5441'	100,000# 20/40 w/ 29,000 gal 5% KCl water.
4780' - 4786'	28,000 gal KCl wtr w/ 66,000# 20/40, screened out w/ 10,000# of 8# in formation.
4710' - 4726'	28,000 gal KCl wtr w/ 59,000# 20/40 sand

PERFORATION RECORD

350' - 351' (For Plugging)	4 HOLES
4710' - 4726' R5	2 SPF 34 HOLES
4780' - 4786' G16	2 SPF 14 HOLES
5422' - 5441' B1	2 SPF 40 HOLES
5691' - 5696' B4	2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4048'	Y2
4048' - 4052'	Y2

PLUGGING RECORD

TAGGED TOP AT 4770'	Set cmt plug from 4700' - 4400' 35 sxs class "G" (301), SI for night. Tagged top at 4770'.
TOP AT 4330'	added 50 sks to top of plug (11 bbls slurry)
TOP AT 83'	displace hole w/ 8# gel perf 350' - 351' 4 holes pump top plug to surface
TOP OFF CEMENT AND INTALL DRY HOLE MARKER	

PBTD @ 5808' KB
TD @ 5848' KB



MONUMENT BUTTE FEDERAL #1-8
 SE SE Sec.8 T9S R17E
 600' FSL, 600' FEL
 Lease No. U-40326
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Proposed Injection Wellbore Diagram

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 300'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2%CC
 + 3% salt + 1/4 #/sk D-29

300'KB

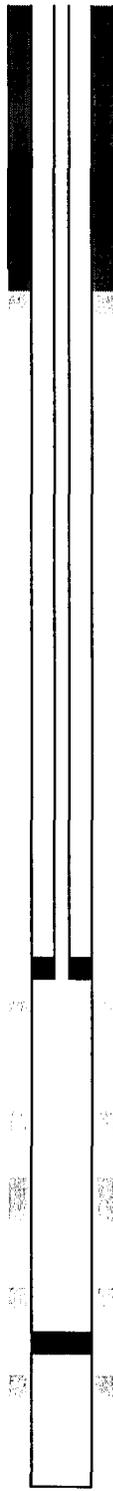
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5848'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs HI-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kollite

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: ~3966'
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 5-1/2" X 4'
 PACKER LANDED AT: 3983' KB



350' - 351' SQUEEZED

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Depth Range	Grade	Holes
350' - 351' (For Plugging)		4 HOLES
4710' - 4726'	R5	2 SPF 34 HOLES
4780' - 4786'	G16	2 SPF 14 HOLES
5422' - 5441'	B1	2 SPF 40 HOLES
5691' - 5696'	B4	2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046' Y2
 4049' - 4052' Y2

PROPOSED TO ISOLATE B4 PERFS w/ CIBP

Green River Formation 1450 to 5400 ft.

ARROW SET-1 PACKER
 SET @ 3983' KB

PROPOSED
 4043' - 4052'

PROPOSED
 4609' - 4616'

4710' - 4726'
 4781' - 4787'

5422' - 5441'

PROPOSED CIBP

5691' - 5696'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fr. Transition 5400 to 5950 ft.
 PBTD @ 5806' KB
 TD @ 5848' KB

Wasatch Form 5950 ft.

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MONUMENT BUTTE FEDERAL #1-8
 SE SE Sec.8 T9S R17E
 600' FSL, 600' FEL
 Lease No. U-40326
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Elev.GR - 5319' GL
 Elev.KB - 5335.9 KB (16.9' KB)

Proposed Plugging & Abandonment Diagram

DATE : 3/22/96 JZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 36#
 LENGTH: 300'
 DEPTH LANDED: 300' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 220 sxs Class "G" + 2%CC
 + 3% salt + 1/4 #/sk D-29

300'KB

Permanent P&A marker w/ identifying well information.

Plug No.2 Surface to 400 ft.
 Perforate csg at 100 ft below
 the surface csg shoe & circulate
 100 sx of Class-G Cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5848'
 DEPTH LANDED: 5848' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 168 sxs HI-Lift + 3% salt, tailed
 w/ 476 sxs RFC 10-0 + 5# Kollite

CEMENT TOP AT:

350' - 351' SQUEEZED

Uinta Formation Surface to 1450 ft.

PERFORATION RECORD

Interval	Perforation	Holes
350' - 351' (For Plugging)		4 HOLES
4710' - 4726'	R5	2 SPF 34 HOLES
4780' - 4786'	G16	2 SPF 14 HOLES
5422' - 5441'	B1	2 SPF 40 HOLES
5691' - 5696'	B4	2 SPF 12 HOLES

PROPOSED PERFS: (AFTER DRILL OUT)

4043' - 4046' Y2
 4049' - 4052' Y2

Green River Formation 1450 to 5400 ft.

PROPOSED
 4043' - 4052'

Plug No.1 TD to 3743 ft.
 260 sx of Class-G Cement

PROPOSED
 4609' - 4616'

4710' - 4726'
 4781' - 4787'

5422' - 5441'

5691' - 5696'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.
 PBTD @ 5806' KB
 TD @ 5848' KB

Wasatch Formation 5950 ft.

PLUGGING PROCEDURE

Enter the well w/tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface csg shoe. Circulation will be established to surface and cement will be circulated to fill the production csg & the annulus from the perforations to surface using 100 sx of class-G cement. The top of the second cement plug will be at the surface & the bottom will be 100 ft below the surface csg shoe. A P&A marker will be set to identify the location.