

UTAH OIL AND GAS CONSERVATION COMMISSION

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

Confidential Status Expired 1-17-95 9604/1 Oper. Nim. Chg.

DATE FILED **4-7-93**
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-007978** INDIAN

DRILLING APPROVED: **4-12-93**
 SPUDDED IN: **10-27-93**

COMPLETED: **10-17-93 PDW** PUT TO PRODUCING: **10-17-93**

INITIAL PRODUCTION: **60 BOPD;**
 GRAVITY A.P.I. **43**

GOR:
 PRODUCING ZONES: **4111-4743 (GRRV)**

TOTAL DEPTH: **5700'**
 WELL ELEVATION: **5323.4 GR**

DATE ABANDONED:
 FIELD: **MONUMENT BUTTE**

UNIT:
 COUNTY: **DUCHESNE**

WELL NO. **BALCRON MONUMENT FED. 13-8** API NO. **43-013-31382**

LOCATION **2060.2' FSL** FT. FROM (N) (S) LINE, **693.5' FWL** FT. FROM (E) (W) LINE. **NW SW** 1/4 - 1/4 SEC. **8**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	8	EQUITABLE RESOURCES



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

RECEIVED

MAR 31 1993

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

DIVISION OF
OIL GAS & MINING

March 29, 1993

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

Gentlemen:

RE: Corrections to be Made on Survey Plats

In a review of our records we have discovered some errors in survey plats for four wells in the Monument Butte Field. One of those wells was drilled in 1992 and is on production, APDs for two have been submitted and are waiting on BLM approval, and one has only had an NOS submitted and an onsite conducted.

All of the errors were typographical in nature. In a discussion with the surveyor we used, we have received permission to make the corrections on the survey plats. We have made the corrections in our files and request that you make the corrections on any survey plats in your files for those locations. A list of locations and corrections is attached. Also attached are copies of the survey plats which our surveyor has FAXed to us. Those show the corrected information.

If you have any questions or need to discuss this, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Attachment

cc: State of Utah, Division of Oil, Gas and Mining
Dave McCoskery
Gary Kabeary
Bob Schalla

MONUMENT BUTTE FIELD

Duchesne County, Utah

PLEASE MAKE THE FOLLOWING CORRECTIONS IN THE SURVEY PLATS
ON FILE FOR THESE LOCATIONS:

Balcron Monument Federal #22-5
SE NW Section 5, T9S, R17E
Duchesne County, Utah
Plat says SW NW and it should be SE NW
Federal Lease #U020252
APD pending BLM approval

Balcron Monument Federal #13-8
NW SW Section 8, T9S, R17E
Duchesne County, Utah
Plat says SW SW and it should be NW SW
Federal Lease #U-007978
NOS and onsite only

Balcron Federal #13-5
NW SW Section 5, T9S, R17E
Duchesne County, Utah
Plat shows R16E and it should be R17E
Federal Lease #U020252
APD pending BLM approval

Balcron Monument Federal #24-5
SE SW Section 5, T9S, R17E
Duchesne County, Utah
Plat shows R16E and it should be R17E
Federal Lease #U020252
Drilled in 1992 and is producing

Equitable Resources Energy Company
Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860

3/29/93
/rs



EQUITABLE **RESOURCES**
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

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APR 07 1993

DIVISION OF
OIL GAS & MINING

April 5, 1993

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

Gentlemen:

Enclosed are copies of our Federal Applications for Permit to Drill the following wells:

Balcron Monument Federal #13-8
NW SW Section 8, T9S, R17E
Duchesne County, Utah

Balcron Monument Federal #21-17
NE NW Section 17, T9S, R17E
Duchesne County, Utah

We ask the the status of these wells be held tight for the maximum period allowed by State regulations.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. ADDRESS OF OPERATOR
 P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 2060.2' FSL 693.5' FWL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 12.5 miles SW of Myton, Utah

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5,700'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5323.4' GL

22. APPROX. DATE WORK WILL START*
 Upon APD approval

5. LEASE DESIGNATION AND SERIAL NO.
 U-007978

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

7. UNIT AGREEMENT NAME
 n/a

8. FARM OR LEASE NAME
 Balcron Monument Federal

9. WELL NO.
 #13-8

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NW SW Sec. 8, T9S, R17E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 UTAH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See EXHIBIT	"D" for details			

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 APR 07 1993

EXHIBITS ATTACHED

- | | |
|----------------------------------|----------------------------|
| "A" PROPOSED DRILLING PROGRAM | "H" BOPE SCHEMATIC |
| "B" PROPOSED SURFACE USE PROGRAM | "I" RIG LAYOUT |
| "C" GEOLOGIC PROGNOSIS | "J" EXISTING ROADS (MAP A) |
| "D" DRILLING/CASING PROGRAM | "K" PLANNED ACCESS (MAP B) |
| "E" EVIDENCE OF BOND COVERAGE | "L" EXISTING WELLS (MAP C) |
| "F" ARCHEOLOGY REPORT | "M" CUT & FILL DIAGRAM |
| "G" SURVEY PLAT | |

DIVISION OF
 OIL GAS & MINING

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 Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE April 5, 1993

PERMIT NO. 43-013-31380 APPROVAL DATE APR 17 1993

APPROVED BY [Signature] TITLE [Signature]
 CONDITIONS OF APPROVAL, IF ANY: WELL SPACING: 649-3-2

*See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
 DRILL DEEPEN PLUG BACK
 2. Type of Well
 Oil Well Gas Well Other
 Single Zone Multiple Zone

Name of Operator
 Equitable Resources Energy Company, Balcron Oil Division

Address of Operator
 P.O. Box 21017; Billings, MT 59104

Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface
 2060.2' FSL 693.5' FWL
 At proposed prod. zone

1. Distance in miles and direction from nearest town or post office*
 Approximately 12.5 miles SW of Myton, Utah

3. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
 16. No. of acres in lease
 17. No. of acres assigned to this well

4. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.
 19. Proposed depth
 5,700'

.. Elevations (Show whether DF, RT, GR, etc.)
 5323.4' GL
 22. Approx. date work will start*
 Upon APD approval

5. Lease Designation and Serial No.
 Fed. #U-007978

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

7. Unit Agreement Name
 n/a

8. Farm or Lease Name
 Balcron Monument Federal

9. Well No.
 #13-8

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

11. 00, Sec., T., R., H., or Blk. and Survey or Area
 NW SW Sec/ 8, T9S, R17E

12. County or Parrish
 Duchesne

13. State
 UTAH

3. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement

Operator intends to drill this well in accordance with the attached Federal APD.

RECEIVED

APR 07 1993

DIVISION OF
OIL GAS & MINING

4 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 reventer program, if any.

I hereby certify that this report is true and complete to the best of my knowledge.
 Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date April 5, 1993
 (This space for Federal or State office use)

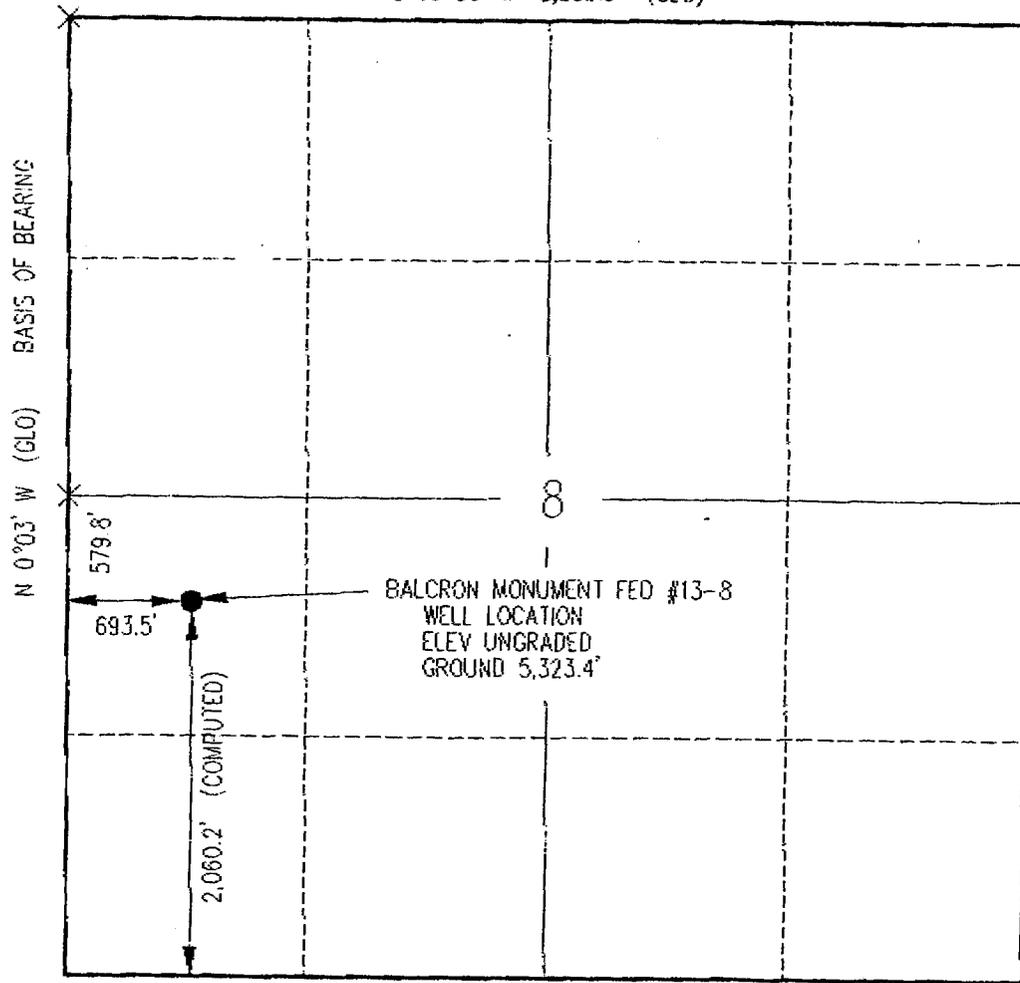
API NO. _____ Approval Date _____

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

*See Instructions On Reverse Side

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

S 89°56' W 5,282.6' (GLO)



BALCRON MONUMENT FED #13-8
WELL LOCATION
ELEV UNGRADED
GROUND 5,323.4'

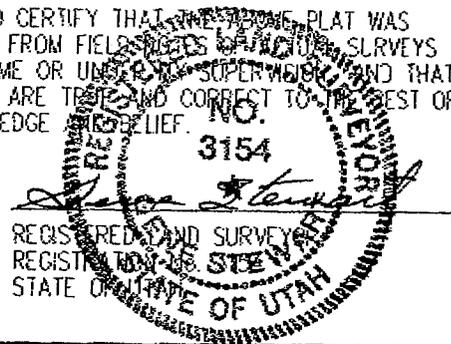
X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #13-8,
LOCATED AS SHOWN IN THE NW 1/4 SW 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 BOOKS OF SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



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

SCALE: 1" = 1000'	SURVEYED BY: SS H-H KH
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # #13-8

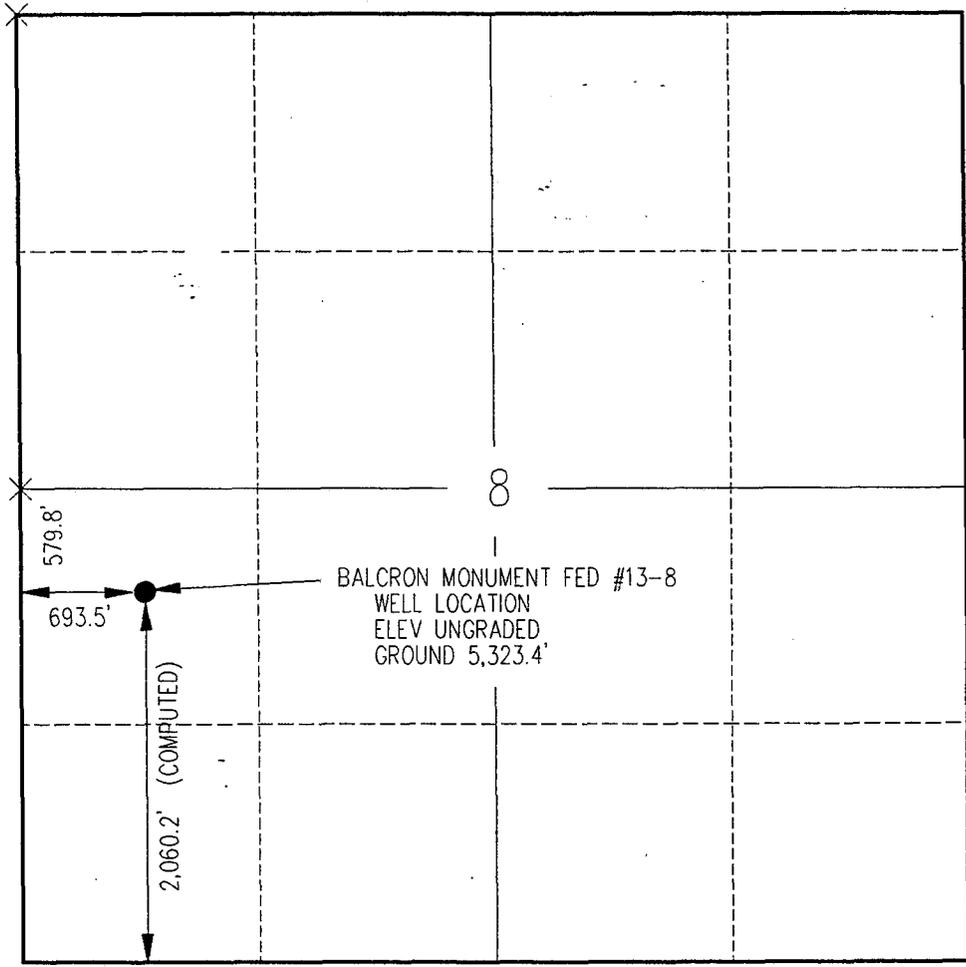
EXHIBIT "G"

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

S 89°56' W 5,282.6' (GLO)

BASIS OF BEARING

N 0°03' W (GLO)



S 89°55' W 5,280.0' (GLO)

X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #13-8,
LOCATED AS SHOWN IN THE NW 1/4 SW 1/4
OF SECTION 8, T9S, R17E, S.L.B. & M,
DUCHESE COUNTY UTAH.



N 0°03' W (GLO)

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.

NO. 3154
Tom Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 3154
 STATE OF UTAH
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS HH KH
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # #13-8

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #13-8
NW SW Section 8-T9S-R17E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Duchesne River formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as the BLM approves this APD.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #13-8
NW SW Section 8, T9S, R17E
DUCHESNE COUNTY, UTAH

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

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' SE and 200' & 250' SW
- B. The Monument Federal #13-8 is located approximately 12.5 miles Southwesterly of Myton Utah, in the NW1/4 SW1/4 Section 8, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 13-8, 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 11.4 miles to an intersection with the Pariette Bench road, turn right and continue 1.1 miles to road intersection, turn right and proceed 0.8 mile to proposed access road sign. Follow flags 0.2 mile to location.
- 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" (shown in GREEN)

Approximately 0.2 mile of 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 - 2%
- 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 - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
- 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.

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 will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
- 3. Production facilities will be accommodated on the

existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

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

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

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

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

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

For Pipeline:

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

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

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be

hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.

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 ninety (90) 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. If at the time of construction it is determined to be necessary, the reserve pit will be

lined with a plastic nylon 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 NTL-2B, 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. Corner #8 will be moved toward the center stake approximately 45' to avoid a natural drainage.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind approximately 100 feet NW of reserve pit corner "B". Access will be from the SE between corner #2 and corner #3.

The reserve pit will not be lined unless requested by the B.L.M. or unless it is deemed necessary by Equitable Resources. If a plastic-nylon reinforced liner is used, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- E. 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.

- F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling 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. If a plastic or nylon reinforced pit liner is used, it 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 dished 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, then roller packing 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 1 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 following seed mixture:

Pure Live Seed (PLS)	Seed Mix
lbs./acre	
1	Forage Kochia (<i>Kochia prostrata</i>)
5	Ephriam Crested Wheatgrass (<i>Agropyron cristatum</i> Ephriam)
4	Russian Wildrye (<i>Elymus junceus</i>)
2	Fourwing Saltbush (<i>Atriplex canescens</i>)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 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:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (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 12 miles South 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 basin will be constructed according to BLM specifications approximately 300 feet NE of location corner #2, where flagged.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of 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, Drilling Engineer Home (406)248-3864

Mike Perius, Operations Supervisor Home (406)656-9719

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.

January 27, 1993
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY DEVELOPMENT X

WELL NAME: Balcron Monument Butte Fed #13-8
 LOCATION: NWSW 1980 FSL. 660 FWL
 COUNTY: Duchesne STATE: UT PROSPECT/FIELD: Monument Butte Field
 SECTION 8 TOWNSHIP 9S RANGE 17E
 GL(Ung): 5323.4 EST KB: 5335 TOTAL DEPTH 5700

FORM. TOPS:

Formation	Prognosis		Sample Top		Cnll Wl. Datum	Formation	Prognosis		Sample Top		Cnll Datum
	Depth	Datum	Depth	Datum			Depth	Datum	Depth	Datum	
KEH		5335			5316						
Duchesne	Surf										
Green River	1349	3986			3948						
Horseshoe Bench	2099	3236			3198						
Pay #1 Y-2	4044	1291			1253						
Pay #2 Y-3	4101	1234									
Douglas Creek	4540	795			757						
Pay #3 R-2	4620	715			677						
Pay #4 G-4	5035	300			262						
Wasatch Tongue	5385	-50			88						
Pay #5 B-1	5439	-104			-142						
Pay #6 B-3	5559	-224			-264						
TD	5700										

CONTROL WELL: Federal NCC #12-8 Air/Oil: SNW Section 8 Township 9S Range 17E

SAMPLES: 50 samples, 1000' to 4000' DIL from Surf csg to TD
 20 samples, 4000' to TD LDT/CNL from 3500' to TD
 samples, to from to
 samples, to from to
 samples, to from to
 samples, to from to
 Send samples to: Utah Geological Sample Library
 1-Dry Out

CORES: NONE
 DRILL STEM TESTS: NONE

MUD LOGGER/HOT WIRE: Required: (Yes/No) YES Type: Two Man
 WELLSITE GEOLOGIST: From 1000' to TD Name: Tele. # () Address:

COMMENTS:

PREPARED BY: K. K. Reinschmidt/S. W. VanDelinder DATE: 11/16/92

**BALCRON OIL
DRILLING PROGRAM**

WELL NAME: Balcron Monument PROSPECT/FIELD: Monument Butte
Federal # 13-8
LOCATION: NW SW Sec 8 Twn 9S Rge 17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

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

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface	0'	260'	8 5/8"	24 #/FT	J-55
Production	0'	5700'	5 1/2"	15.50#/Ft	J-55

All casing will be ST&C, 8RD, New

CEMENT PROGRAM

Surface 250 sacks class "G" with 3% CaCl.
(Note: Volumes are 100% excess.)

Production 250 sacks Haliburton Hifill with 10 #/SK
Gilsonite tailed with 180 sacks 50/50 Poz with
0.3% CFR-3, 1/4 #/Sk Flocele, 0.5% Halad-24, and
10% salt.
(Note: Actual volumes will be calculated from
caliper log.)

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air / Air Mist	Surf	260	NA	NA	NA
Water/fresh Gel	260'	5700'	8.7-8.9	10-12	12-14

COMMENTS

- 1.) No cores or DSTs are planned .
- 2.) Logging program: DIL/FDC/CNL/GR.

DMM
11-30-92

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed 13-8
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2280 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,700	5-1/2"	15.50	J-55	ST&C	5,700	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2850	4040	1.418	2850	4810	1.69	88.35	202	2.29 J

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1992
 Remarks :

Minimum segment length for the 5,700 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and
 2,850 psi, respectively.

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800



IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

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

OIL AND GAS

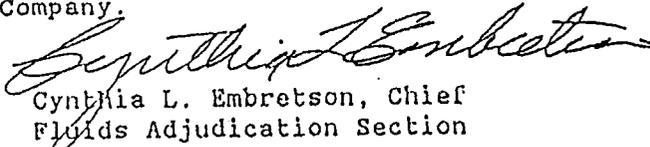
CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases; therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.


Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

Form 3104-8
(July 1984)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

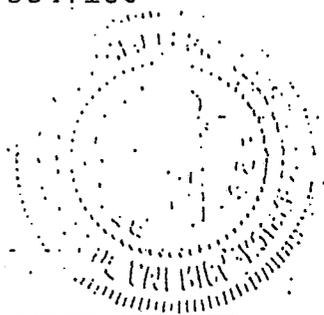
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:



SURETY RIDER

EXHIBIT "E" Page 3 of 4
SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM, Bond No. MT0576)

dated effective 9/8/88
(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89
(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89
(MONTH, DAY, YEAR)
EQUITABLE RESOURCES ENERGY COMPANY
PRINCIPAL

By: _____ TITLE

SAFECO INSURANCE COMPANY OF AMERICA
SURETY

By: *R. George Voinchet*
R. George Voinchet ATTORNEY-IN-FACT



POWER OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4
3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VEHAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,
(i) The provisions of Article V, Section 13 of the By-Laws, and
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
(iii) Certifying that said power-of-attorney appointment is in full force and effect,
the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

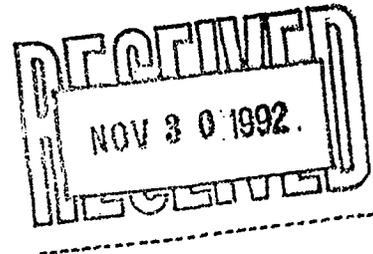
this 10th day of April, 19 89.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

November 24, 1992



Subject: CULTURAL RESOURCE EVALUATION OF 7 PROPOSED
WELL LOCATIONS IN THE CASTLE PEAK DRAW
LOCALITY OF DUCHESNE COUNTY, UTAH

Project: BALCRON OIL CO. -- 1992 Development
Program for the Monument Butte Lease Area
UNITS: 14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8

Project No.: BLCCR-92-8

Permit No.: Dept. of Interior -- UT-92-54937

Utah Project No.: UT-92-AF-634b

To: Ms. Bobbie Schuman, Balcron Oil Co., P.O. Box 21017, Billings Montana
59104

Mr. David Little, District Manager, Bureau of Land Management, 170
South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio Grande, Salt
Lake City, Utah 84101

**CULTURAL RESOURCE EVALUATION
OF SEVEN PROPOSED WELL LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

Report Prepared for BALCRON OIL COMPANY

**Dept. of Interior Permit No.: UT-92-54937
AERC Project 1358 (BLCR-92-8)**

Utah State Project No.: UT-92-AF-634b

**Principal Investigator & Author of Report
F. Richard Hauck, Ph.D.**



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

**181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853**

November 24, 1992

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne County, Utah. The examinations of these seven locations involved a total of 87.75 acres of which 15.75 acres (1.3 mile) includes five separate access routes associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. The remaining 70 acres involves ten acre parcels at all seven of the proposed Units (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8). These evaluations were conducted between November 3 and 17, 1992 by archaeologist Glade Hadden under the supervision of F. Richard Hauck. An AERC team consisting of Glade Hadden, Lance Harding, Michael Hauck, and F.R. Hauck participated in the recording and analyses of the cultural sites.

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

No diagnostic isolated artifacts were observed during the evaluations.

A paleontologically sensitive area was observed and flagged for avoidance in association with the access route into Unit 14-5.

Two newly identified cultural resource activity loci were evaluated and recorded during the examinations. These sites (42DC 765 and 42DC 766) consist of a significant open occupation and a significant lithic scatter associated respectively with proposed Units 13-8 and 23-5.

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

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MAP 2: Cultural Resource Survey of Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County	3

GENERAL INFORMATION

Between November 3 and 17, 1992, archaeologist Glade Hadden acting under the supervision of F.R. Hauck conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved seven separate well locations (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8) and five linear access route evaluations totaling 1.3 mile associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. This project area is situated in the Castle Peak Draw locality of Duchesne County, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

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

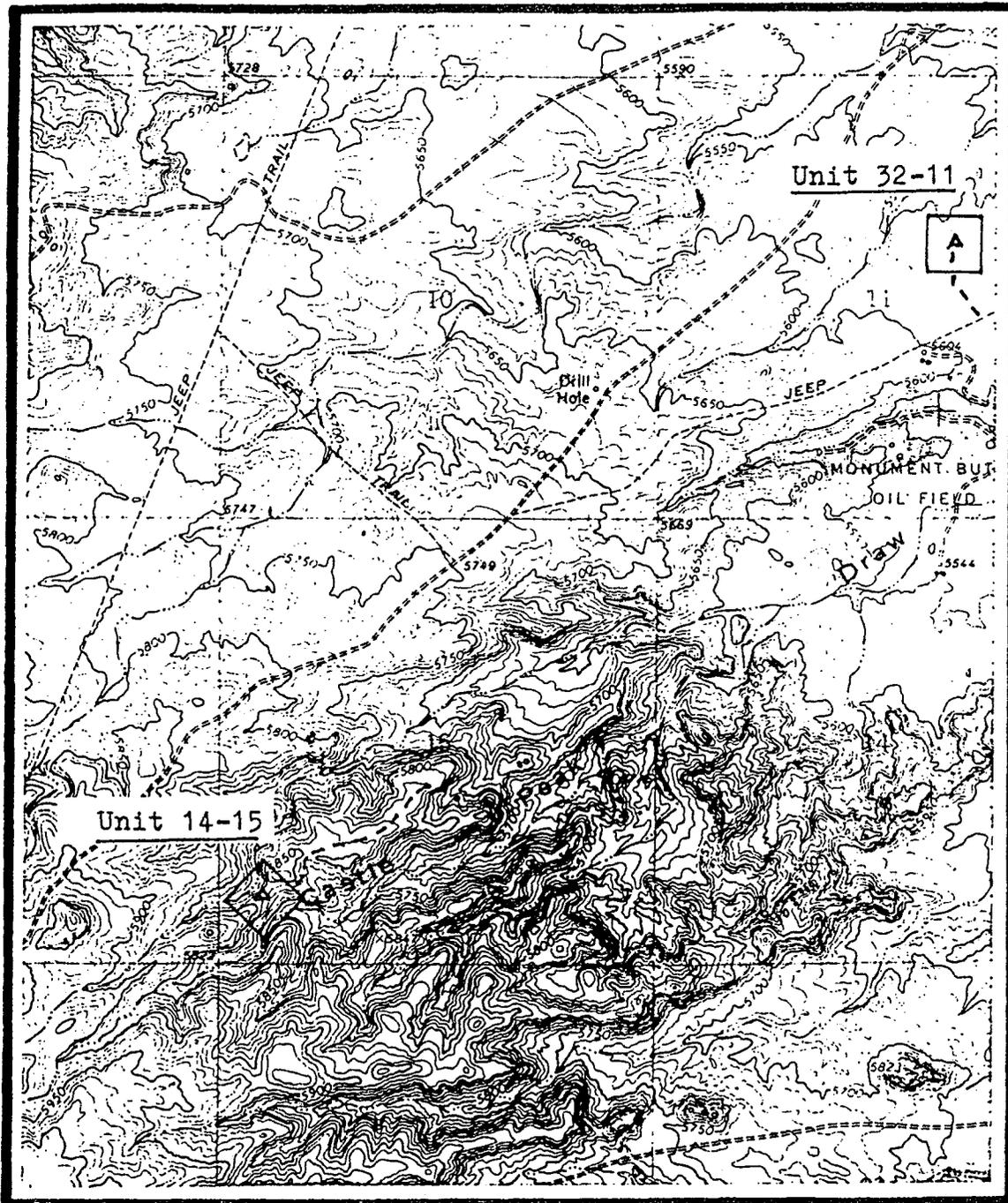
In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1993.

The seven evaluated well locations included seven 10 acre parcel evaluations for a total of 70 acres. A series of 15 to 20 meter-wide survey transects were walked within the 100 foot-wide corridors associated with the five access routes covering a total distance of 1.3 miles or some 15.75 acres. A total of 85.75 acres were examined during this inventory.

Project Location

The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, 7.5 minute topographic quad as shown on the attached maps.

Unit 14-15 is situated in the SW - SW quarter of Section 15, Township 9 South, Range 16 East. Its access route extends for ca. .5 mile to the northeast into the center of that section to connect with another well location (see Map 1).

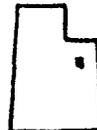


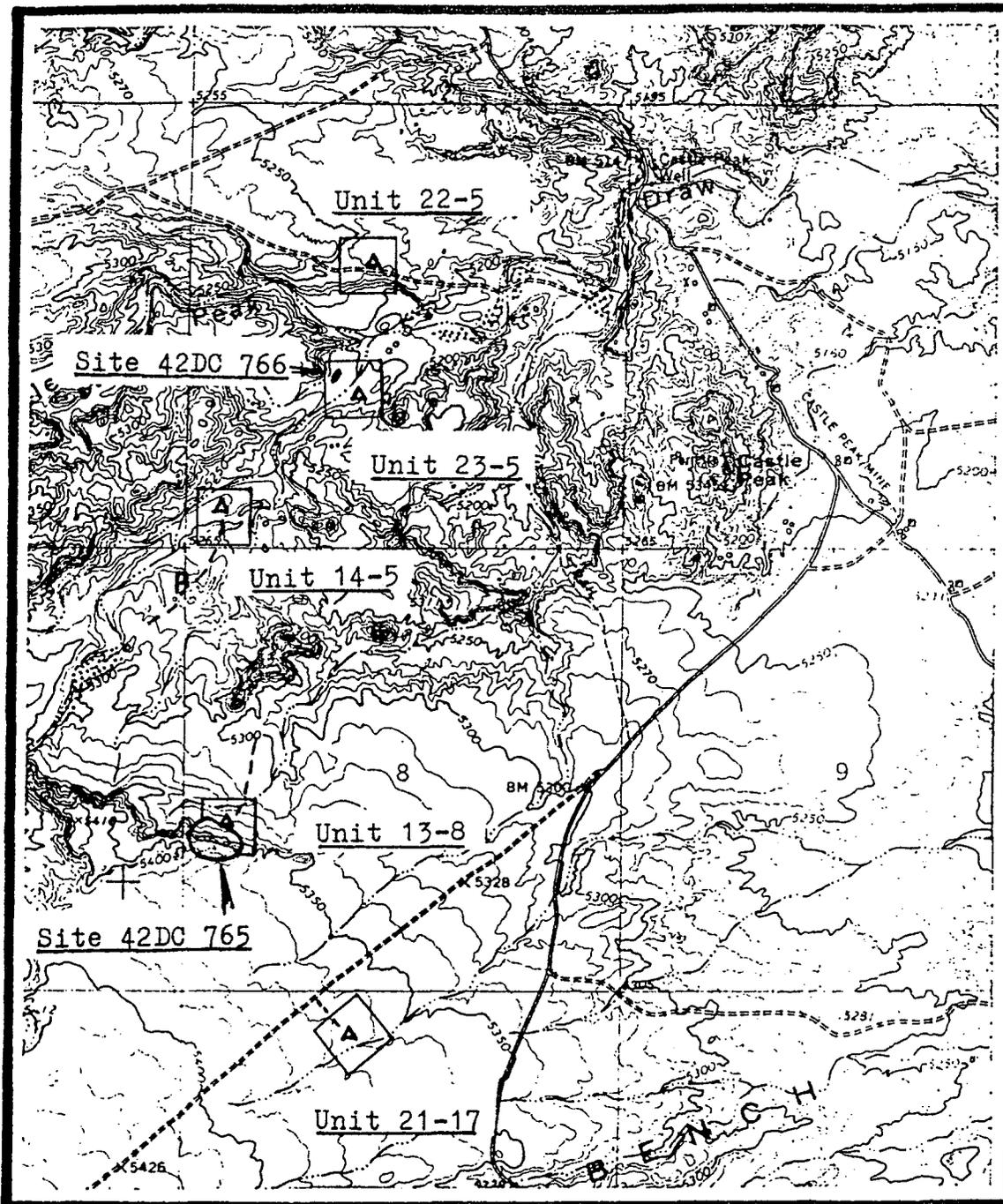
T. 9 South
 R. 16 East
 Meridian: SL
 Quad: Myton SE,
 Utah

MAP 1
 Cultural Resource Survey
 of Proposed Well Locations
 in the Castle Peak Draw
 Locality of Duchesne Co.

Legend:
 Well Location 
 Access Route 
 Ten Acre Survey Area 

4
 N
 Project: BLCR-92-8
 Series: Uinta Basin
 Date: 11-24-92
 Scale: 1:24000





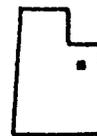
T. 9 South
 R. 17 East
 Meridian: SL
 Quad: Myton SE,
 Utah

MAP 2
 Cultural Resource Survey
 of Proposed Well Locations
 in the Castle Peak Draw
 Locality of Duchesne Co.

- Legend:**
- Well Location 
 - Access Route 
 - Ten Acre Survey Area 
 - Cultural Site 
 - Paleontologically Sensitive Area 

4
 N

Project: BLCR-92-8
Series: Uinta Basin
Date: 11-24-92
Scale: 1:24000



Unit 32-11 is in the SW - NE quarter of Section 11 of that same township and range. An access route extends ca. .25 mile north from the existing road to the location (see Map 1).

Units 22-5, 23-5 and 14-5 are situated in Section 5, Township 9 South, Range 17 East. These three units are respectively situated in the SE - NW, NE - SW, and SW -SW quarters of that section (see Map 1). Units 22-5 and 23-5 are adjacent to the existing roadways. Unit 14-5 is accessible via a ca. .3 mile-long access that begins in the NE - NE of adjacent Section 7 and extends to the northeast to the well location.

Unit 13-8 is located in the NW - SW quarter of Section 8, Township 9 South, Range 17 East (see Map 2). Its .25 mile-long access comes in from an existing roadway to the north of the location.

Unit 21-17 is also located in Township 9 South, Range 17 East. It is situated in the NE - NW quarter of Section 17 (see Map 2). This unit has a short (ca. 500 foot-long) access route which will connect the location with the existing road to the north of the location.

Environmental Description:

The project areas range within the 5200 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Artemesia tridentata*, *Atriplex canescens*, and *Bromus tectorum*.

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on September 8, and November 3, 1992. A similar search was conducted in the Vernal District Office of the BLM on November 3, 1992. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350, 351, 352, 353, 732, 761, and 763 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a, 1992b, 1992c, 1992d). Additional sites previously recorded in this locality include Sites 42DC 423, 424, and 425 which were documented by Sagebrush (Polk 1982).

Prehistory and History of the Cultural Region

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

Site Potential in the Project Development Zone

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

The majority of known sites in this project area are lithic scatters (42DC 349, 350, 353 and 763). Open occupations such as 42DC 352 are also present. Sites 42DC 351 and 761 are rock shelters. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section. This moderate to high density decreases substantially on the benches.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter-wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. 1.3 miles or 15.75 acres of public lands associated with the five access routes and another 70 acres associated with the seven well locations were examined by Glade Hadden acting under the direction of F. Richard Hauck, the Principal Investigator.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

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

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

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

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

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

Results of the Inventory:

Two significant prehistoric cultural resource activity loci were observed, evaluated and recorded during the archaeological evaluations. These sites have been subsequently listed in the State and BLM files as 42DC 765 and 42DC 766.

Site 42DC 765 consists of a 220 x 150 meter lithic scatter/rock shelter complex that is predominantly associated with the southern edge and slope of an exposed sandstone ledge complex. Detritus spread extends nearly 40 meters south of the ledge and a sparse scatter of detritus exists on the north slope of the ledge within the perimeters of staked unit No. 13-8. This generally dispersed distribution of primarily secondary flakes and core fragments indicates extensive prehistoric activity within the southern portion of this site. The stabilized sand deposits in the site may contain buried features. Sandstone fragments indicate presence of both deflated and buried hearths. Site contains three components: an extensive prehistoric occupation, a historic camp, and a modern shepherd camp. The historic is primarily defined by the presence of green and purple glass and soldered-top tin cans. Site is in three units. Unit A which measures ca. 120 meters east-west is on the east side of the site and has a southern exposure. Unit A contains the three components, a large lithic scatter, and a shallow rock shelter complex. Unit B is on the western end of the site and contains an exposed ledge complex. It also has a southern exposure. A badly vandalized rock shelter marks the western end of Unit B. Unit B also contains a dispersed lithic scatter and some scattered historic and modern debris. Unit B contains fragments of a mano and metates near the shelter as well as oxidized stone. Unit C is on the north slope of the rock outcrop. The southwest corner of proposed Well No. 13-8 has been staked overlapping into Unit C. Unit C contains several isolated flakes and a collector's pile which is well outside the proposed development zone. Unit C contains low, stabilized dunes which may have potential for containing buried features and occupational surfaces. Because Unit C has a northern exposure, its potential for containing extensive occupational strata and material deposits is relatively low. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource. Units A and B particularly have the potential for providing pertinent and valuable information on the prehistory of the region relative to criterion d of Title 36 CFR 60.6. These two units also have excellent

to good research potential. Unit C has marginal significance due to the lack of artifact and feature contexts. Its cultural value is primarily associated to its relationship to the more intensively occupied portions of the site, i.e., Units A and B, which are to the south and above the proposed well location.

Proposed Well 13-8 will overlap into the northeastern portion of Unit C. About five isolated flakes were observed in the development zone. A collector's pile of detritus is also situated in Unit C but is well outside the construction area (ca. 130 meters to the west of the well center). The low stabilized dunes in Unit C may contain buried features and occupational strata but that potential is considered to be relatively low. AERC recommends that the development of the well pad be monitored by a qualified archaeologist in order to identify and properly mitigate any cultural strata, materials, or features that may be exposed during the construction phase. AERC does not recommend any further action relative to Units A and B since both portions of the site are well outside the development area and because previous vandalism has already seriously disturbed the primary rock shelter on the site in Unit B. The shallow shelter areas in Units A and B that may contain intact cultural strata and/or features are not readily discernible by most individuals, hence the potential for secondary impact in Units A and B is considered to be nominal and no further action is advised.

Site 42DC 766 consists of a 20 x 15 meter lithic scatter that is situated on the top of a low, stabilized dune that parallels the drainage channel on the north side of the road and the channel. The site contains a relatively sparse (32 items counted) scatter of secondary flakes which are predominantly Parachute Creek chert. The stabilized sand deposits in the site proper may possibly contain buried features. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource and has research potential qualifying under criterion d of Title 36 CFR 60.6.

Site 42DC 766 is situated within the ten acre survey parcel associated with Well Unit No. 23-5 but is not within the potential development zone. This site is not endangered by secondary impact, i.e. vehicle traffic or vandalism, since it is across the drainage channel from the road and the proposed well location and thus not adjacent to the development area. In addition, the site is not readily identifiable to potential collectors or vandals. For these reasons, AERC does not propose any mitigation recommendations relative to Site 42DC 766.

None of the previously recorded cultural sites in this project locality will be adversely affected by the proposed developments.

No isolated diagnostic artifacts were observed or collected during the survey.

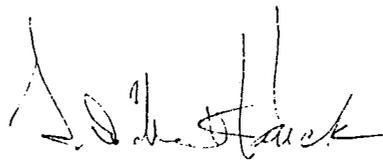
A single paleontologically sensitive locality was identified during this survey. This locality is associated with a partially exposed clay hill adjacent to the access route into Unit 14-5 (see Map 2). This low, clay mound which has the potential for containing intact turtle remains was flagged in red to facilitate avoidance during the road construction phase.

CONCLUSION AND RECOMMENDATIONS

The development and maintenance of these seven locations will not have any adverse effect on the cultural resources in this locality including Sites 42DC 765 and 42DC 766 as long as the recommendations provided below are followed.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the seven well locations noted above based upon adherence to the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development areas.



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

REFERENCES

Hauck, F. Richard

1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation (AERC), Bountiful.

1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.

1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation (AERC), Bountiful.

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

1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation (AERC), Bountiful.

Polk, Michael

1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

Summary Report of
 Inspection for Cultural Resources

C A S T L E P E A K D R A W 7 W E L L U N I T S

1. Report Title

2. Development Company
 BALCRON OIL CO. (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8)

3. Report Date 1 1 27 1 9 9 2
 4. Antiquities Permit No. UT-92-54937

5. Responsible Institution A E R C B L C R - 9 2 - 8 Duchesne
 County

6. Fieldwork

	0 9 S	1 6	1 1	1 5
Location: TWN	RNG	Section		
7. Resource	0 9 S	1 7	0 5	0 8 1 7
Area TWN	RNG	Section		
.D.M.				

8. Description of Examination Procedures: The archeologist, Glade Hadden, acting under the direction of F.R. Hauck intensively examined seven 10 acre well parcels and associated access routes by walking a series of 10 to 20 meter-wide transects within the locations and along the flagged access centerlines.

9. Linear Miles Surveyed	1 . 3	10. Inventory Type	I
and/or			
Definable Acres Surveyed		R = Reconnaissance	
and/or		I = Intensive	
Legally Undefinable	8 7 . 7 5	S = Statistical Sample	
Acres Surveyed			

11. Description of Findings: Two cultural resource sites were identified during the survey. Site 42DC 765 is a rock shelter/lithic scatter complex. Site 42DC 766 is a lithic scatter. Both sites are significant resources.

12. Number Sites Found .2. (No sites = 0)

13. Collection: .N. (Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
 The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 9-8-92 & 11-3-92
 Vernal District Office Records 11-3-92

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development areas.

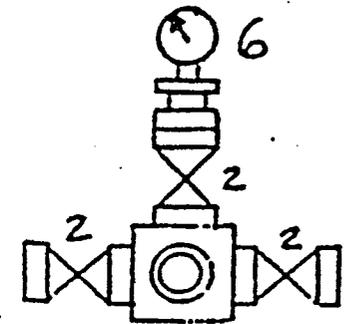
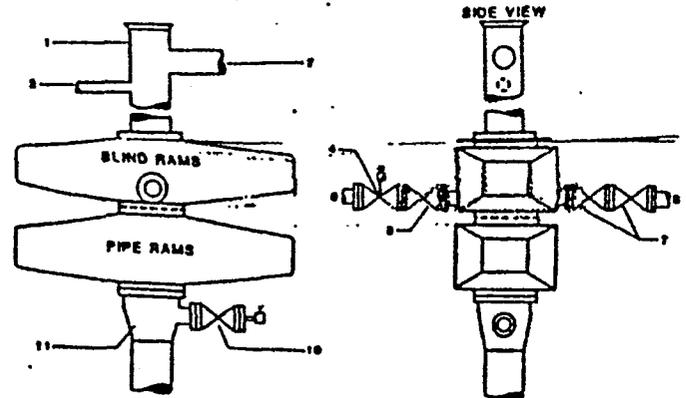
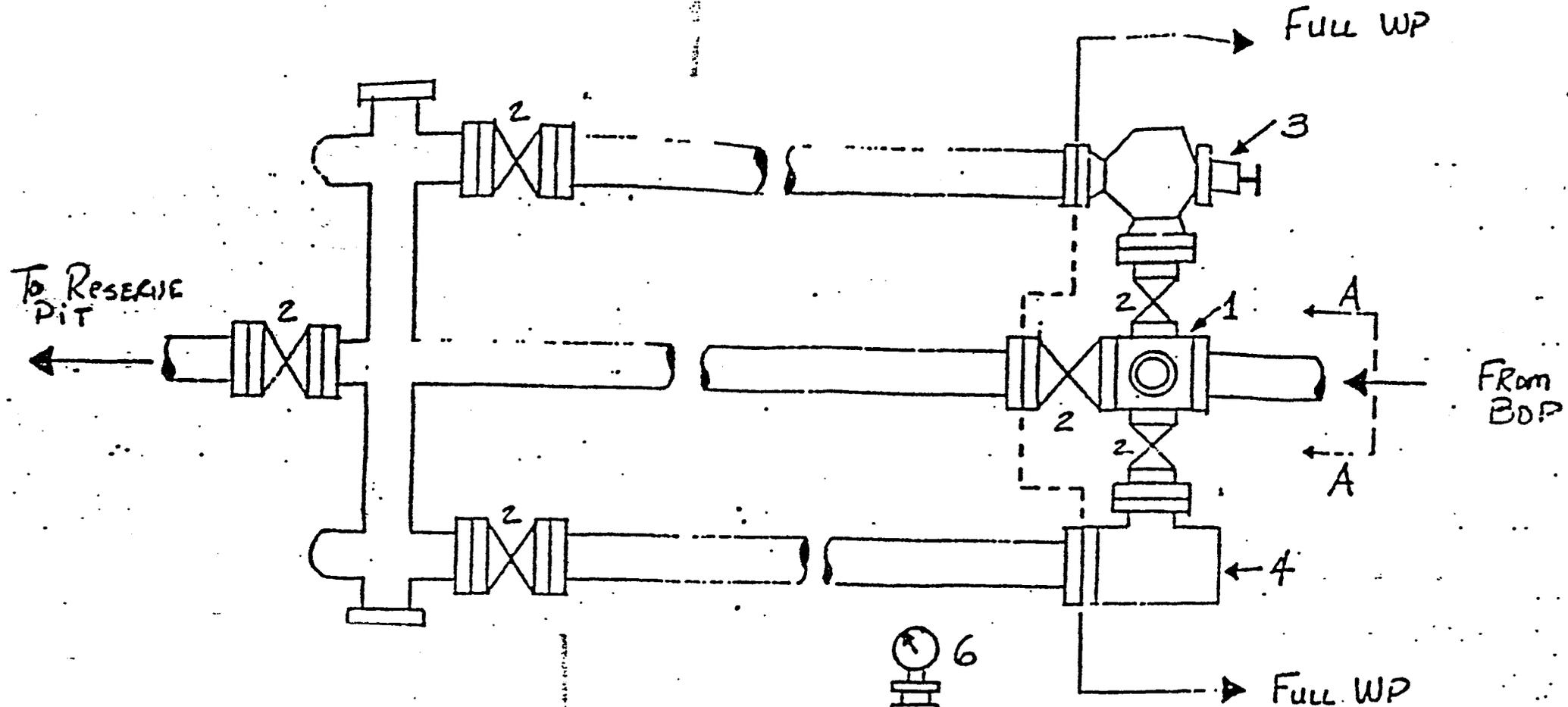
17. Signature of Administrator
& Field Supervisor

UT 8100-3 (2/85)

Administrator

Field
Supervisor

[Signature]
[Signature]

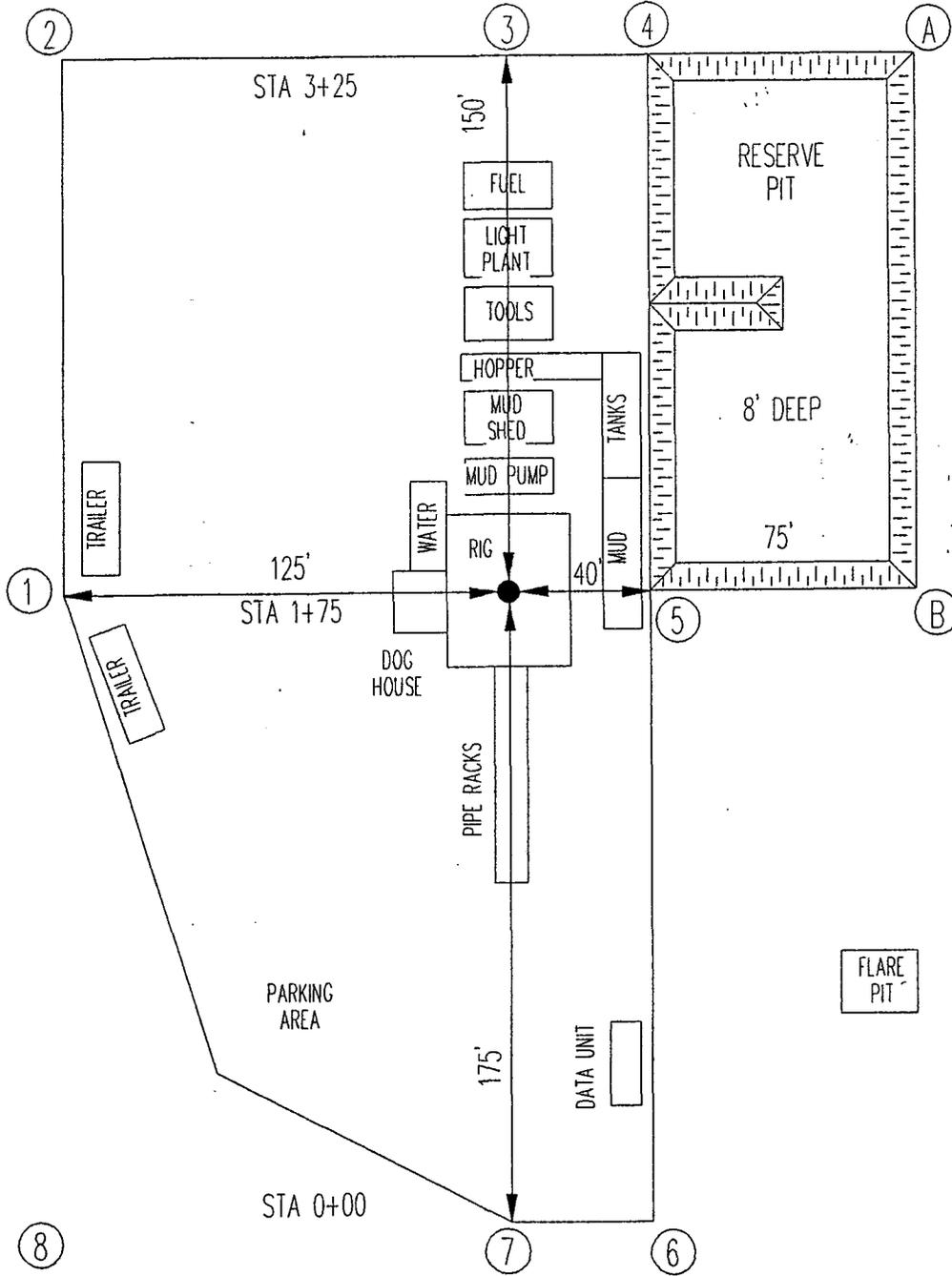


VIEW A-A

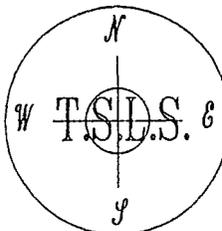
1. Cross
2. Gate Valve
3. Adjustable Choke
4. Positive Choke
5. Welded Bull Plug, Lead Filled
6. 2" - 3000-psi mud pressure gauge

Notes: All lines must be securely anchored.

BALCRON MONUMENT FEDERAL WELL LAYOUT #13-8

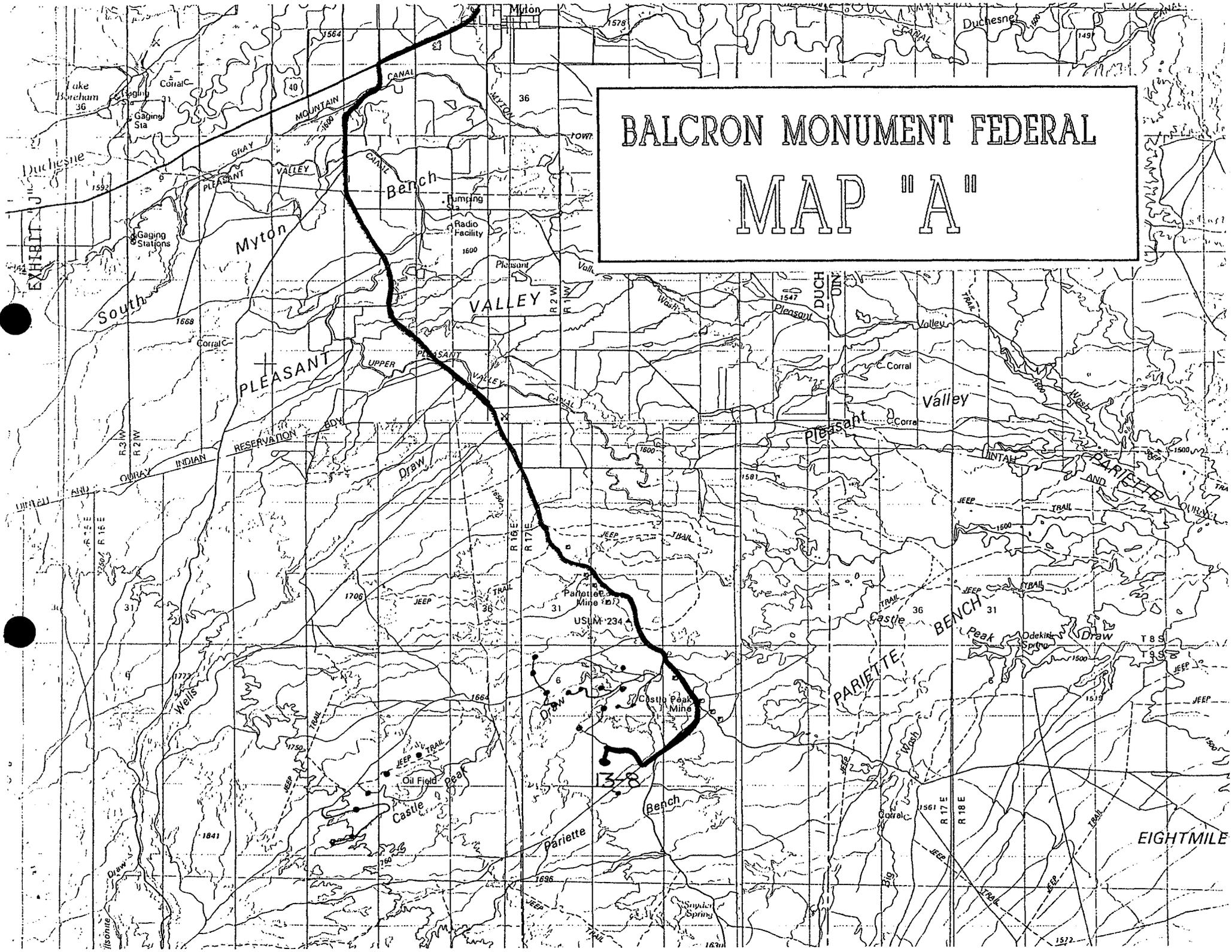


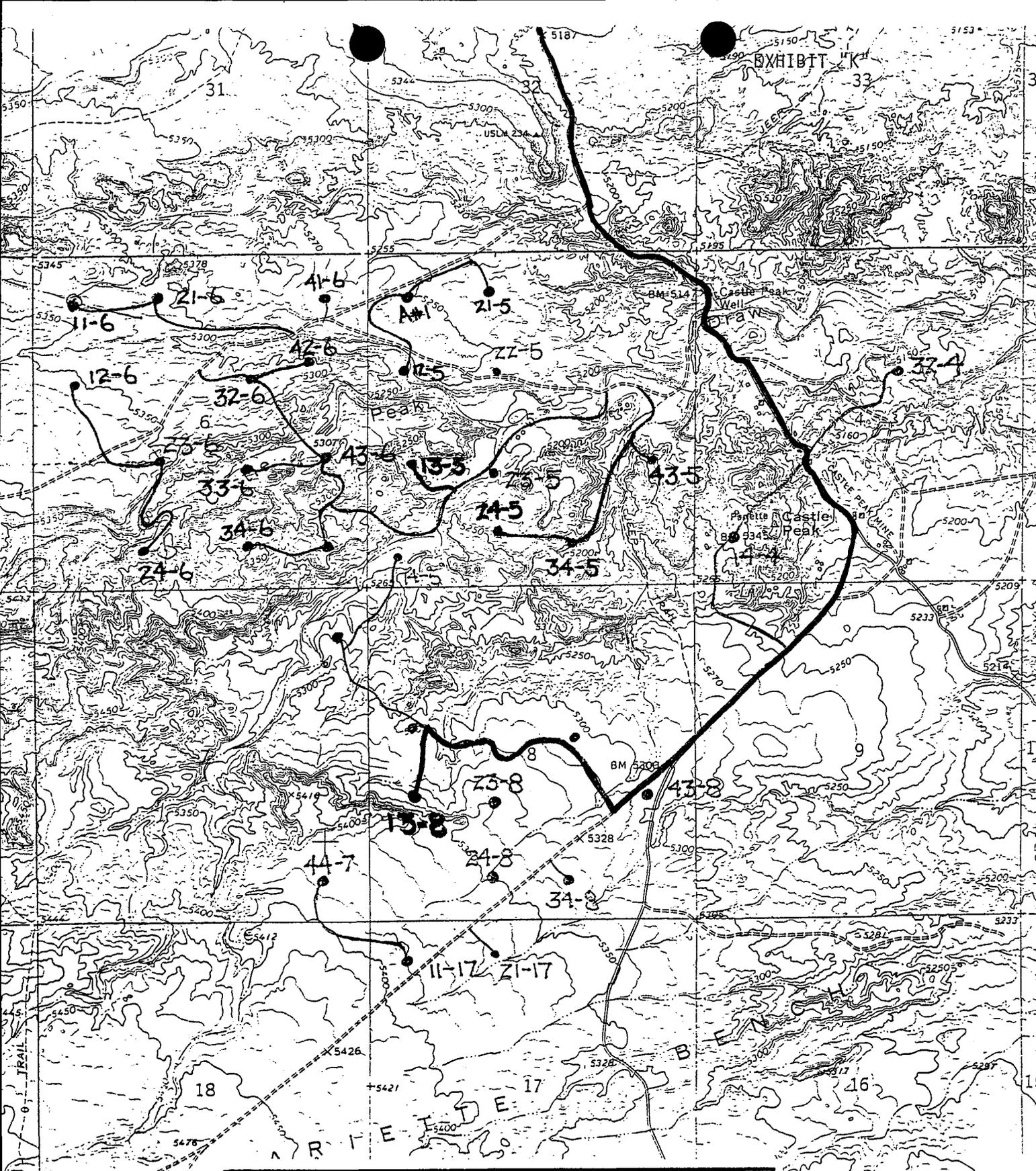
SCALE: 1" = 50'



TRI-STATE LAND SURVEYING
 P.O. BOX 533 VERNAL, UT. 84078
 (801)781-2501

BALCRON MONUMENT FEDERAL MAP "A"

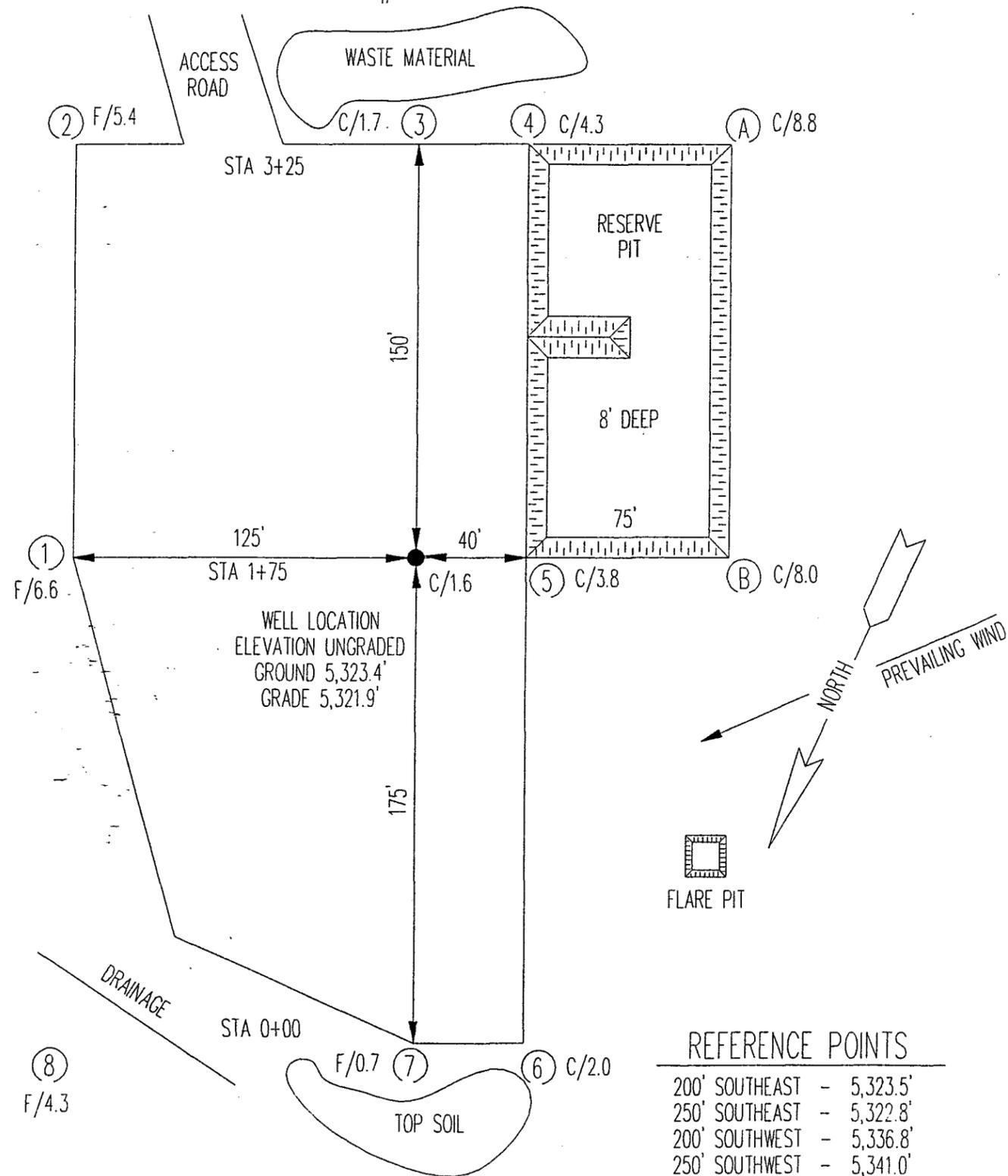




BALCRON MONUMENT FEDERAL
MAP "B"

BALCRON MONUMENT FEDERAL

WELL PLAT #13-8

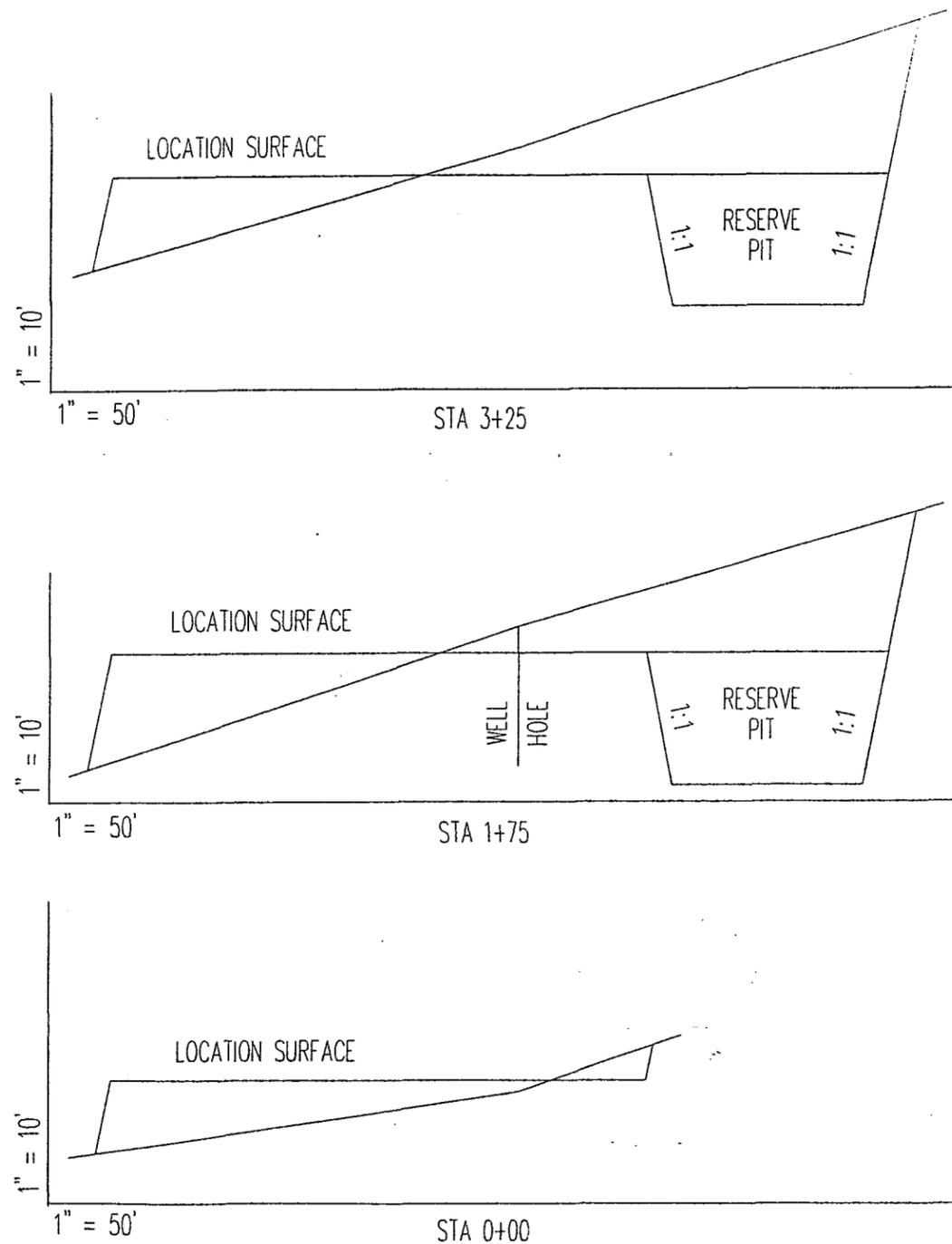


REFERENCE POINTS

200' SOUTHEAST	-	5,323.5'
250' SOUTHEAST	-	5,322.8'
200' SOUTHWEST	-	5,336.8'
250' SOUTHWEST	-	5,341.0'

APPROXIMATE YARDAGE

CUT	=	3,834.3
FILL	=	3,808.2
PIT	=	2,977.8



TRI-STATE LAND SURVEYING
P.O. BOX 533 VERNAL, UT. 84078
(801)781-2501

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 04/07/93

OPERATOR: BALCRON OIL
WELL NAME: BALCRON MONUMENT FEDERAL 13-8

OPERATOR ACCT NO: N- 9890

API NO. ASSIGNED: 43 - 013 - 31380

LEASE TYPE: FED LEASE NO: U-007978
LOCATION: NWSW 08 - T09S - R17E DUCHESNE COUNTY
FIELD: MONUMENT BUTTE (105) FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

- Plat
- Bond
(Number federal)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number no permit #)
- 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:

Eight addl wells within Sec 8.

CONFIDENTIAL
PERIOD
EXPIRED
ON 1-17-95

STIPULATIONS:

1- water permit

cc: Duchesne county assessor



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 12, 1993

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

Gentlemen:

Re: Balcron Monument Federal #13-8 Well, 2060 feet from the south line, 693 feet from the west line, NW 1/4 SW 1/4, Section 8, Township 9 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Submittal to the division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. § 73-3, Appropriations, prior to commencing drilling operations.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.



Page 2
Equitable Resources Energy Company
Balcron Monument Federal #13-8 Well
April 12, 1993

6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.
7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31382.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
Duchesne County Assessor
J.L. Thompson
WO11

DOGMIH

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal regulations.)
At surface: 2060.2' FSL 693.5' FWL
At proposed prod. zone: 43-013-31282

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JUL 16 1993

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 12.5 miles SW of Myton, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

19. PROPOSED DEPTH
5,700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5323.4' GL

22. APPROX. DATE WORK WILL START*
Upon APD approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See EXHIBIT	"D" for details			

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING/CASING PROGRAM
- "E" EVIDENCE OF BOND COVERAGE
- "F" ARCHEOLOGY REPORT
- "G" SURVEY PLAT
- "H" BOPE SCHEMATIC
- "I" RIG LAYOUT
- "J" EXISTING ROADS (MAP A)
- "K" PLANNED ACCESS (MAP B)
- "L" EXISTING WELLS (MAP C)
- "M" CUT & FILL DIAGRAM

RECEIVED
APR 12 1993

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 Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE April 5, 1993
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 16 1993
APPROVED BY Amy Kasper TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

44080-3M-039

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.

BALCRON OIL

Balcron Monument Federal #13-8

NW SW Section 8, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

AUGUST 30, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #13-8

Description of Geology and Topography-

This well is located 10 miles south and 1 mile east of Myton, Utah. It sits on a gentle slope which faces north-northeast. An east-west trending sandstone ridge lies south of the location and stands 40 to 50 feet higher than the location. Most of the location is covered by sand. Much of the access road is on alluvium. Some Uinta Formation outcrops where the access road leaves an existing road.

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

Paleontological material found -

Both the proposed access road and the wellpad were surveyed for paleontology. No fossils were found on the wellpad location or access road.

Recommendations-

No other recommendations are made for this location.

Alden H. Hamilton Date August 30, 1993

WELL LOCATION INFORMATION

Company/Operator Equitable Resources Energy Co.
API Number 43-013-31382
Well Name & Number Balcron Monument Federal No. 13-8
Lease Number U-7978
Location NWSW Sec. 8 T. 9S. R. 17E.
Surface Ownership BLM
Date NOS Received October 1, 1992
Date APD Received April 12, 1992

NOTIFICATION REQUIREMENTS

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

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

RECEIVED

JUL 21 1993

DIVISION OF
OIL, GAS & MINING

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Equitable Resources Energy Company Well No. Monument Federal 13-8

Location NWSW Section 8, T9S, R17E Lease No. U - 7978

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. As per Equitable Resources Energy Company, a double ram BOP stack will be used instead of the annular preventer as identified in the BOP diagram. Chart recorders shall be used for all pressure tests.

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 2,710 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to \pm 2,510 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 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.

7. Other Information

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

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

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

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

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

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

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

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

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

APD approval is valid 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:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

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, spend 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.

CONDITIONS OF APPROVAL

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) 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. More stringent protective requirements may be deemed necessary by the AO."

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situation, preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization.

Fall seeding will be done after September 15 and before the ground freezes. Spring seeding will be done prior to April 15.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. 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.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

The requested emergency pit is hereby approved under NTL-2B, Section VI, subject to the following Conditions of Approval:

1. If emergency use occurs, the emergency pit shall be emptied and the liquids disposed of in accordance with applicable State and/or Federal regulations within 48 hours following its use, unless such time is extended by the authorized officer.
2. As much as practicable, the emergency pit shall be located on level ground, and away from drainage patterns and unstable ground.
3. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for the drilling reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
4. Produced water drain lines shall not go to the emergency pit.
5. The pit shall be bermed or otherwise constructed and maintained to prevent entrance of surface water.
6. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.
7. The pit shall be kept free of trash.

Balcron shall contract a Utah BLM certified Paleontologist to survey the location and access road prior to surface disturbance to determine the presence of paleontological resources.

If historic, archaeological, or paleontological resources are uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

Balcron shall either contract a Utah BLM certified Archaeologist to monitor the No. 13-8 well pad during dirt work construction of the well pad, or shall move the No. 13-8 location to avoid the 42DC766 Cultural Resources site.

MINIMUM STANDARDS FOR DAMS IMPOUNDING UNDER 10 AC. FT.

I. Site Location and Design

- A. Authorized BLM personnel shall approve site location, fill material, foundation material, and spillway size and location.
- B. Construction shall be per attached diagram.

II. Borrow Areas

- A. Borrow material shall be taken from within the reservoir basin below high water line whenever possible.
- B. Vegetation, debris and topsoil shall be removed to a depth of 12 inches below natural ground line and deposited as directed.
- C. Vegetation, debris and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line or spread on downstream side of dam.
- D. Borrow areas above the high water line shall be contoured to blend into natural ground lines.

III. Core Trench and Dam Foundation

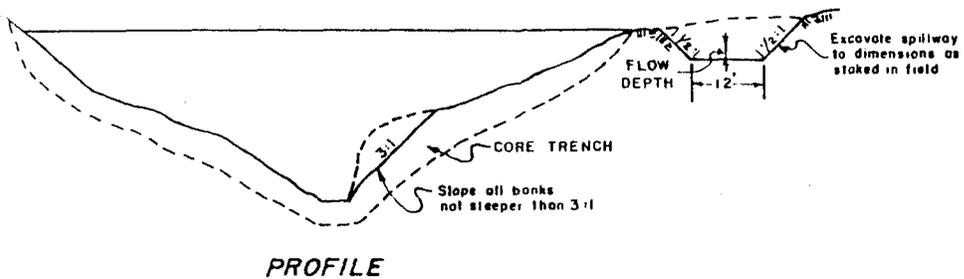
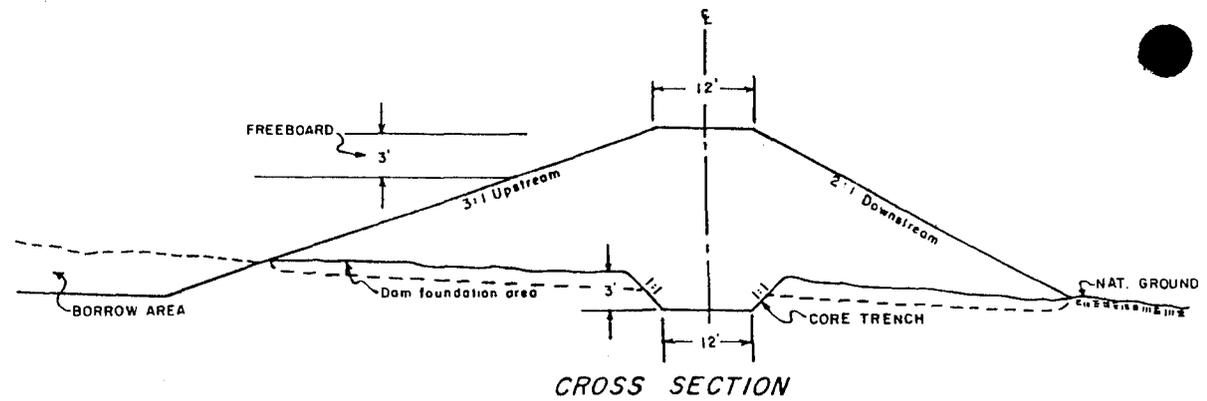
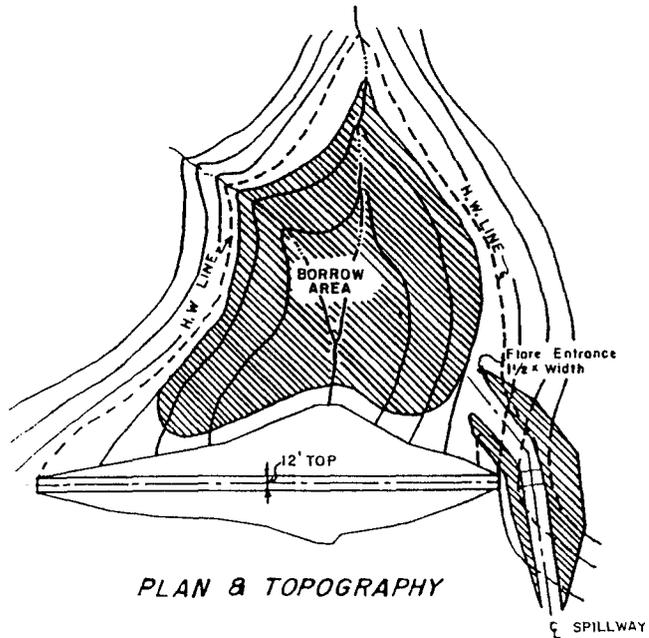
- A. A core trench shall be constructed 12 feet wide along the full length of the dam center line to a minimum depth of 3 feet or bedrock.
- B. Sides of the core trench shall be no steeper than 1:1 slope.

IV. Dam and Core Fill

- A. Fill shall be homogeneous material, preferably of high impervious, compactable soils (such as high clay content soil free of organic material, sand or rock).
- B. Lifts of fill shall not exceed 6 inches when compacted.
- C. Fill shall be built up at a consistent rate the full length of the dam.
- D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
- E. Downstream side of the dam shall be no steeper than 2:1 slope. Upstream side of the dam shall be no steeper than 3:1 slope.
- F. Top of the dam shall be a minimum of 12 feet wide.
- G. Maximum water depth against the dam shall be 10 feet when constructed with a crawler tractor.

V. Spillway

- A. Spillway shall be constructed through natural material.
- B. Spillway shall be constructed to divert overflow away from fill material or natural material that is an integral part of the dam.
- C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.
- D. Construct spillway so there is a minimum of 3 feet of freeboard on the dam.



U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
RETENTION DAM TYPICAL PLAN & SECTION	
DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____ CHIEF, DIV. OF E.
CHECKED _____	APPROVED _____
SCALE NOT TO SCALE	

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 13-8

API NO. 43-013-31382

Section 8 Township 9S Range 17E County DUCHESNE

Drilling Contractor _____

Rig # _____

SPUDDED: Date 10/27/93

Time 9:00 AM

How DRY HOLE

Drilling will commence _____

Reported by AL PLUNKETT

Telephone # 1-823-6759

Date 10/27/93 SIGNED DLI

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

U-007978

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument federal #13-8

9. API Well No.

43-013-31382

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406)255-7860

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

NW SW Section 8, T9S, R17E

2060.2' FSL, 693.5' FWL

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 Report of Spud
 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 was spud on 10-27-93 at 9:00 a.m. by Leon Ross Air Drilling.

NOV 1 1993
DIVISION OF
OIL, GAS & MINING

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

Signed

[Signature]

Title

Operations Manager

Date

October 28, 1993

(This space for Federal or State Office use)

Approved by

Title

Date

Conditions of approval, if any:

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

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

OPERATOR Equitable Resources Energy Company
Balcron Oil Division
 ADDRESS P.O. Box 21017
Billings, MT 59104
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11574	43-013-31382	Balcron Monument Federal #13-8	NW SW	8	9S	17E	Duchesne	10-27-93	10-27-93
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 11-2-93. see</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)

[Signature]
 Signature

Operations Manager October 28, 1993
 Title Date

Phone No. 406 , 259-7860

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-007978

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

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

8. Well Name and No.
Balcron Monument Federal #13-8

9. API Well No.
43-013-31382

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

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SW Section 8, T9S, R17E
2060.2' FSL, 693.5' FWL

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

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

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

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

Operator will be using a completion rig to complete this well.

DEC 06 1993
DIVISION OF
OIL, GAS & MINING

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

Signed

Bobbie Schuman
Bobbie Schuman

Title

Coordinator of Environmental and
Regulatory Affairs

Date

12-2-93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

Durwood Johnson
Petroleum Geologist



3118 AVENUE F
BILLINGS, MONTANA 59102
(406) 656-4872

December 10, 1993

CONFIDENTIAL

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

Reference:

Balcron Federal No. 13-8
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-T9S-R17E
Duchesne County, Utah

Sec 8
43-013-31382

RECEIVED

DEC 15 1993

DIVISION OF
OIL, GAS & MINING

and

Balcron Federal No. 41-18
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 18-T9S-R17E
Duchesne County, Utah

Gentlemen:

Enclosed are two copies of the geological reports on the referenced two wells.

If you have any questions, please contact me.

Sincerely,

Durwood Johnson

DJ/jb
Enclosures

GEOLOGICAL WELLSITE REPORT

Balcron Oil Company
Monument Butte Federal No. 13-8
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-T9S-R17E *Sec 8*
Duchesne County, Utah

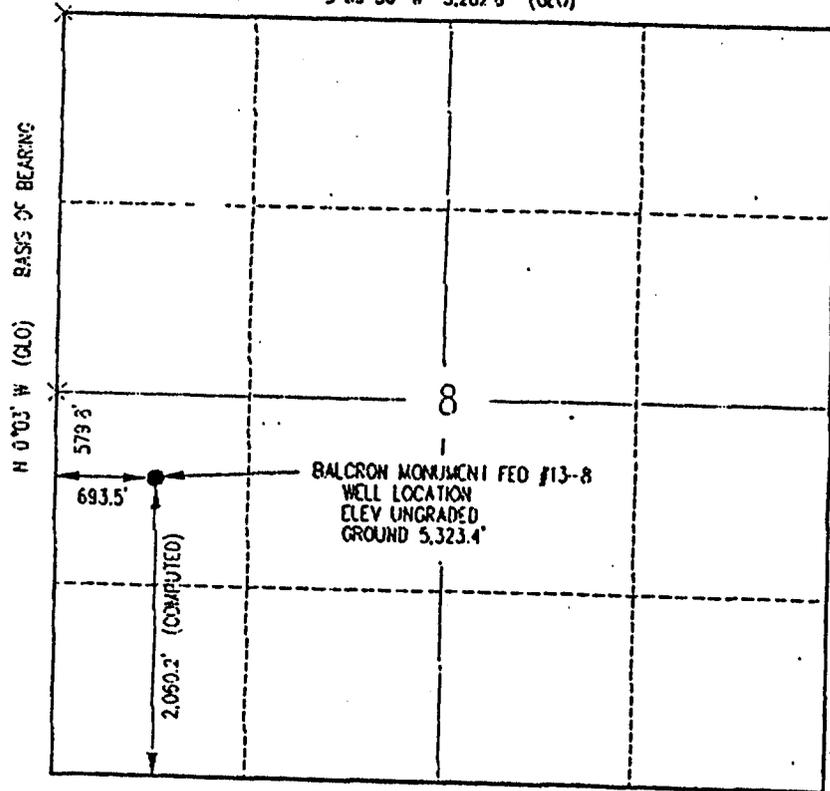
Durwood Johnson
3118 Avenue F
Billings, MT 59102
(406) 656-4872

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Penetration Log	

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

S 89°55' W 5,282.0' (G.L.O.)



S 89°55' W 5,280.0' (G.L.O.)

X = SECTION CORNERS LOCATED
 BASIS OF BEARINGS: G.L.O. PLAT 1911
 BASIS OF ELEV: U.S.G.S. 7-1/2 min QUAD (MYTON SE)

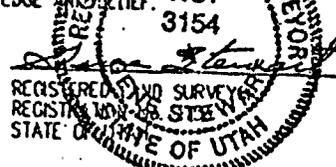
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCORN MONUMENT FED #13-8,
 LOCATED AS SHOWN IN THE NW 1/4 SW 1/4
 OF SECTION 8, T9S, R17E, S.L.B. & M.,
 DUCHESNE COUNTY UTAH.



N 0°03' W (G.L.O.)

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



TRI STATE LAND SURVEYING & CONSULTING
 38 EAST 100 NORTH, VERNAL, UTAH 84378
 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: SS H-H KH
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # 13-8

DATA SHEET

Operator: Balcon Oil Company

Well Name: Monument Butte Federal No. 13-8

Location: C NW¼SW¼ (603' fw1-2060' fsl) Section 18, Township 9 South, Range 17 East, Duchesne County, Utah

Area: Monument Butte Field

Elevations: 5323' Ground; 5336' KB

Drilled Out: November 15, 1993 @ 12:01 AM

Reached T.D.: November 23, 1993 @ 4:30 AM

Completed: November 24, 1993 @ 8:00 AM

Status: Cased for oil completion

Hole Size: 12½" Surface to 282'; 7 7/8" 282-5700'

Total Depth: 5706' Driller; 5704' Logger

Drilling Fluid: Kcl Water BSC-T.D.

Surface Csg.: Ran 6 jts (271.68') 8 5/8", 24 lb, J-55 casing. Set @ 382' KB. Cemented w/150 sxs Class G, 2% CaCl₂, ¼ lb/sx flocele.

Production Csg: Ran 129 jts (5653.67') 5½", 15.50 lb, J-55 STSC to 5653.67' KB. Cemented w/128 sxs hi lift cement & tailed w/259 sxs Class "G", 2% CaCo₂ flocele. Plug down 11/24/93 @ 8:00 AM.

DSTs None Cores: None

Logging: Schlumberger Engineer: Gebhart Vernal, Utah
 1. DLL w/MSFL BSC-T.D.
 2. LDT-CNL w/Gr & Cal 3500-T.D.

Mud Logging: Mountain States Well Logging Loggers: Olson/Price

Contractor: Molen Drilling Co. Rig 1 Chuck Doornek, Toolpusher

Supervision: Al Plunkett

Geologist: Durwood Johnson

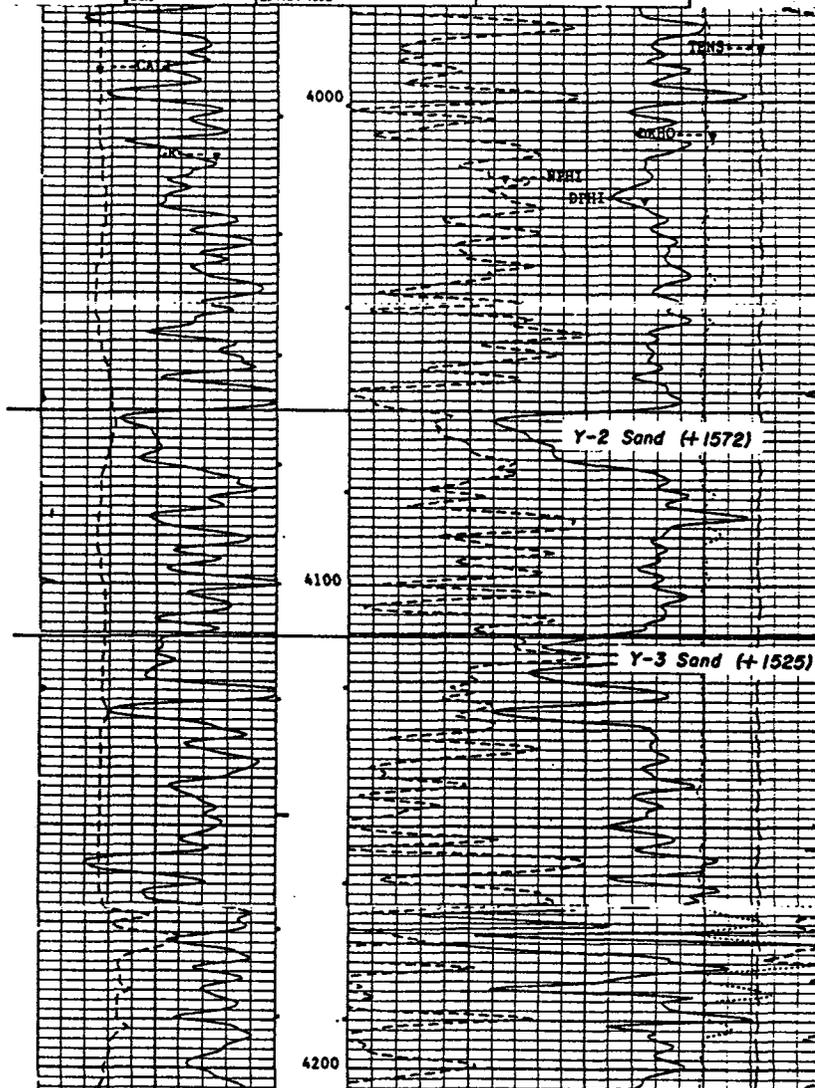
FORMATION TOPS

	<u>Depth</u>	<u>Datum</u>	<u>*Reference Well</u>
TERTIARY			
Unita	Surface		
Green River	1454	+3882	
Horseshoe Bench	2144	+3192	
2nd Garden Gulch	3768	+1568	28' High
Y-1 Sandstone	3880	+1456	
Y-2 Sandstone	4064	+1572	
Y-3 Sandstone	4111	+1525	
Yellow Marker	4338	+ 948	27' High
Douglas Creek	4548	+ 788	31' High
R-2 Sand	4631	+ 705	
R-5 Sand	4736	+ 600	
2nd Douglas Creek	4786	+ 550	31' High
Green Marker	4925	+ 411	33' High
Carbonate Marker	5416	- 80	8' High
B-1 Sand	5463	- 127	

TOTAL DEPTH: Driller: 5700' - SLM 5706'
 Logger: 5704'

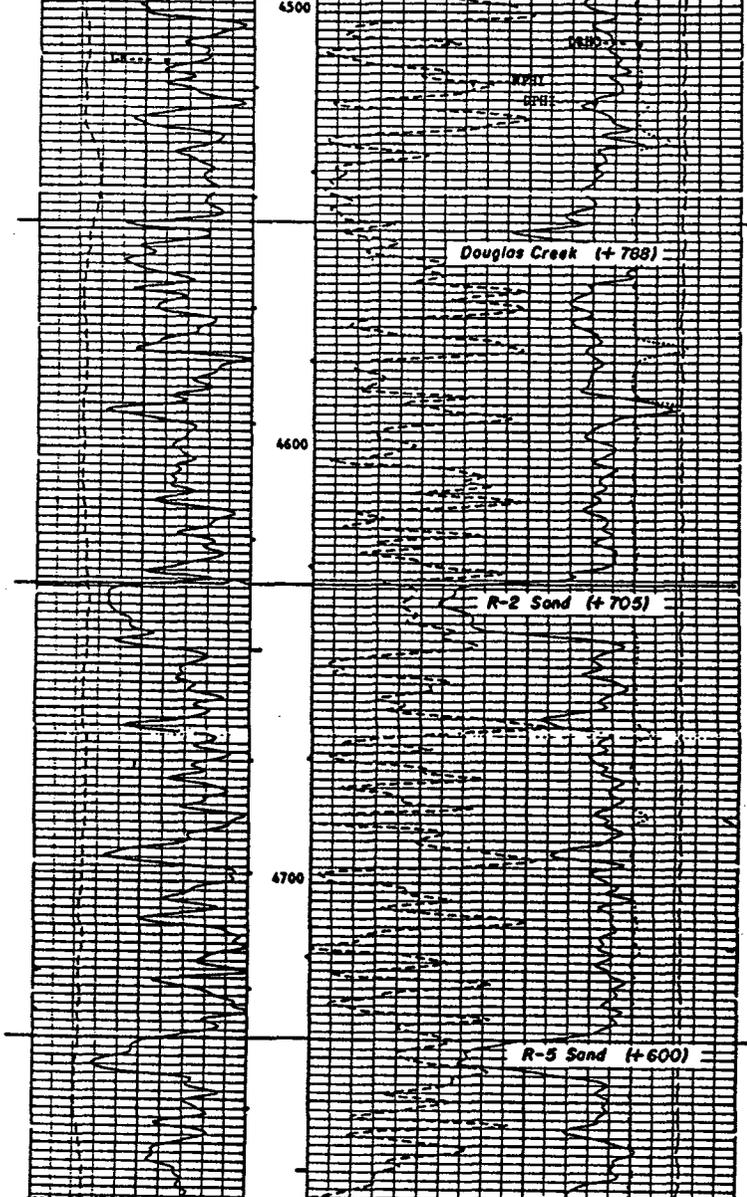
* Reference Well:
 NGC-Federal 12-8-H
 SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-T9S-R17E
 Duchesne County, Utah

Schlumberger		SIMULTANEOUS COMPENSATED NEUTRON- LITHO-DENSITY			
COMPANY		BALCRON OIL COMPANY			
WELL		MONUMENT FEDERAL #13-8			
FIELD		MONUMENT BUTTE			
COUNTY		DUCESNE		STATE UTAH	
LOCATION		2007BL & 603.9FWL		Other Services: OIL, IFL LDT CN	
API SERIAL NO.		SECT.	TWP.	RANGE	
NW SW		6	9S	17E	
Permanent Datum		GROUND LEVEL Elev.		5323.0 F	
Log Measured From		KB		13.0 F above Perm. Datum	
Drilling Measured From		KB		D.F. 5335.0 F	
Date		23-NOV-1993			



5" / 100'		CP 36.2		FILE	3	23-NOV-1993 12:22	(UP)
GAPI		DL		CN		TENS(LBF)	
0.0000		18.000		30000		10000 0.0	
0.0		150.00		30000		1.2500 25000	
GAPI		DL		CN		DPH(NV)	
0.0		150.00		30000		1.2500 25000	

Schlumberger		SIMULTANEOUS COMPENSATED NEUTRON- LITHO-DENSITY	
COMPANY BALCRON OIL COMPANY		WELL MONUMENT FEDERAL #13-B	
FIELD MONUMENT BUTTE		COUNTY DUCHESNE STATE UTAH	
<small> SECTION NO. INSTRUMENT NO. SERIAL NO. DATE OF CALIBRATION </small>		<small> OIL & SERVICE OIL #L LOT OR </small>	
<small> 30NDPBL & 603.9FWL HW SW </small>		<small> API SERIAL NO. SECT. TWP. RANGE 8 9S 17E </small>	
<small> Permeated Datum Log Measured From Drilling Measured From </small>		<small> GROUND LEVEL Elev. 5223.0 F 13.0 F above Perm. Datum Elev. 5236.0 F O.L. 5235.0 F </small>	
<small>Date</small> 23-NOV-1993			



5" / 100"

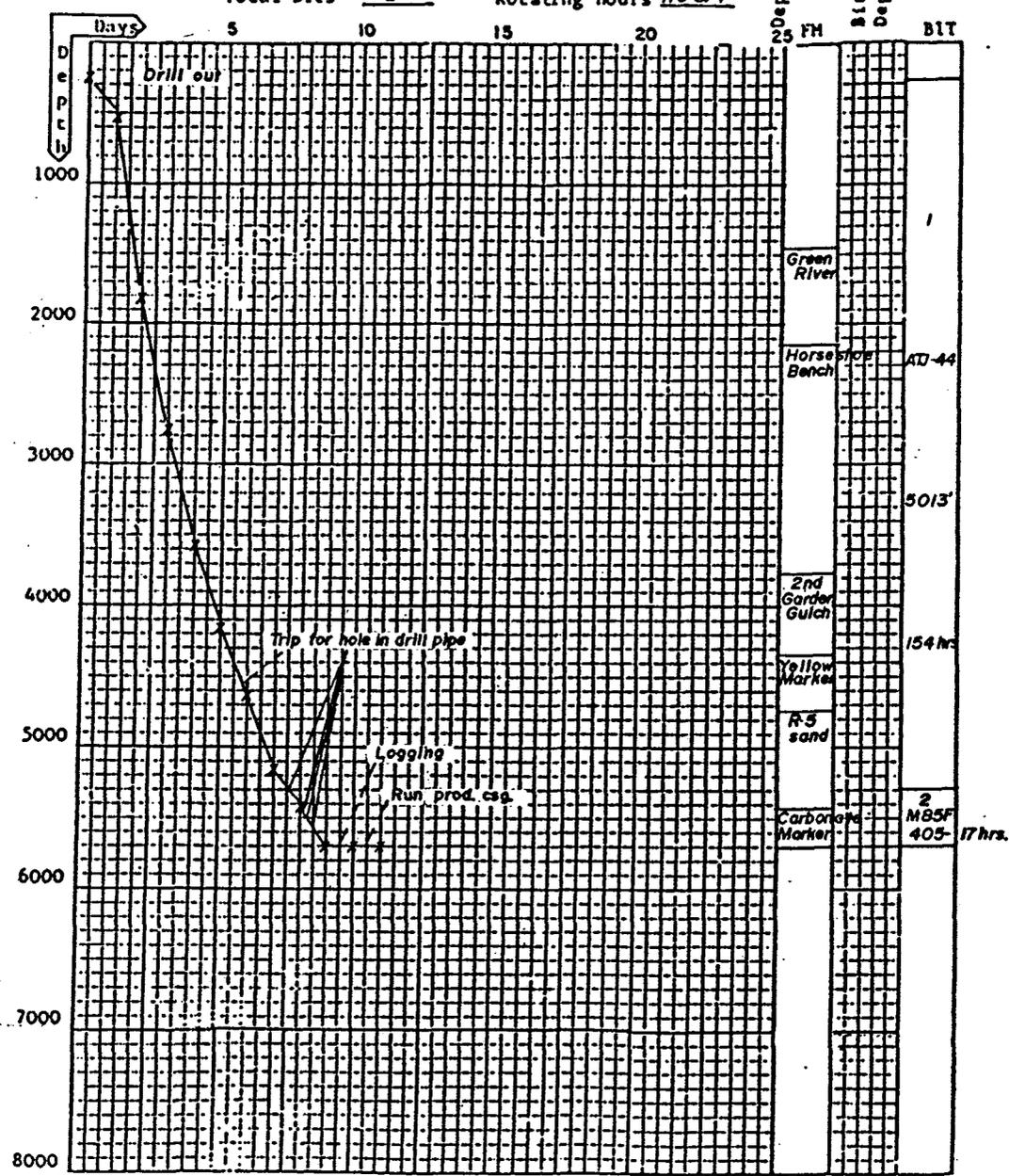
CP 36.2 FILE 3 23-NOV-1993 12:22 (07)

<small> TOTAL LOG LENGTH 0.0 10.000 20.000 </small>		<small> TOTAL LOG LENGTH 30000 40000 50000 </small>	
<small> TOTAL LOG LENGTH 0.0 10.000 20.000 </small>		<small> TOTAL LOG LENGTH 30000 40000 50000 </small>	

PENETRATION CHART

Ff 1) Balcron Federal No. 13-8
 CNW&SW¼ Sec. 18-T9S-R17E
 Duchesne County, Utah

Total Days 11 Logs 2
 Total Bits 2 Rotating hours 170 3/4



WELL HISTORY

<u>Day</u>	<u>Date</u>	<u>Depth</u>	<u>Operation</u>	<u>Activity-Previous 24 hrs. 6:00AM- 6:00 AM</u>
1	11/15 1993	526	Drilling	Move rig. Rig up. Nipple up. Test BOPs. Check Manifold & upper kelly valve. Test casing. Pick up DCs. Tag cement @ 168'. Drill cement - 3 hrs. Drill under surface casing 12:00-Midnight. Drill & survey from 282 to 526'. Made 244' in 6 hrs.
2	11/16	1806	Drilling	Drill & survey from 526 to 1806'. Made 1280' in 23½ hrs.
3	11/17	2780	Drilling	Drill & survey from 1806 to 2780'. Made 974' in 23 hrs.
4	11/18	3568	Drilling	Drill & survey from 2780 to 3568'. Made 788' in 23½ hrs.
5	11/19	4157	Drilling	Drill & survey from 3568 to 4157'. Made 589' in 23¼ hrs.
6	11/20	4619	Drilling	Drill & survey from 4157 to 4555'. Lost 300 lb pump pressure. Trip 7 stands for hole in drill pipe. Drill from 4555 to 4619'. Made 462' in 22 hrs.
7	11/21	5085	Drilling	Drill & survey from 4619 to 5085'. Made 466' in 24 hrs.
8	11/22	5405	Drilling	Drill & survey from 5085 to 5295'. Lost pump pressure. Chained out. Trip in Bit 2. Drilled to 5405'. Lost 150 lbs pump pressure. WOP.
9	11/23	5700	Tripping	Trip 10 stands for hole in drill pipe. Drill from 5405 to 5500'. Chain out 32 stands for hole in drill pipe. Drill to 5540'. Chain out 66 stands for hole in drill pipe. Drill from 5540 to 5700'. Circulate for logs. Trip out to log.
10	11/24	5700	Cement	Trip out to log. SLM 5734.26', Board 5727.90' - 6.36' long. Rig up loggers. Logging. Rig down - 5 hrs. Trip in and circulate to run production casing. Trip out laying down. Ran 129 jts 5½" production casing. Cement.
11	11/25	5706		Complete cementing. Plug down 11/24/93 @ 8:00 AM. Rig released 11/24/93 @ 12:00 Noon.

Balcron-Federal No. 13-8
NW¼SW¼ Sec. 8-T9S-R17E
Duchesne County, Utah

SAMPLE DESCRIPTION

Geologist at wellsite at 1000'. Samples lagged and caught by Northwest Logging personnel. Sample quality is fair to good unless noted otherwise. Sample descriptions are adjusted to Dual Laterolog depths with shows underlined. Samples caught at the following intervals:

50' 1200-4000
20' 4000-5700

- 1200-1250 Sandstone, very fine-fine grained, light gray and clear loose quartz grains, sub-rounded, fair-good sorting; streaks Shale, brown, gray-tan, sub-waxy.
- 1250-1350 Sandstone, very fine grained, occasionally fine grained, white, poor-fair sorting, sub-rounded, friable; streaks porosity, no show; streaks Shale, as above; @ 1300 Siltstone, light gray-tan, argillaceous; grades to silty Shale; Shale, gray, gray-tan, sub-waxy, occasionally silty, slightly calcareous.
- 1350-1400 Shale, as above; Siltstone-very fine grained Sandstone, tan, light gray, fair sorting, sub-rounded, slightly calcareous, tight.
- 1400-1450 Sandstone, very fine-fine grained, tan, light gray, fair sorting, sub-rounded primarily loose quartz grains, possible fair porosity, no show; Siltstone and Shale, as above.
- GREEN RIVER 1454 (+3882)
- 1450-1500 Shale, brown, tan, blocky, limey in part; grades to Marl; scattered dull yellow fluorescence, occasional fair light yellow cut - Oil Shale.
- 1500-1550 Marl, crypto-microcrystalline, tan, light brown; grades to dolomitic Shale; dull yellow-gold fluorescence, slow cloudy cut - Oil Shale.

- 1550-1600 Shale, gray-tan, gray, slightly calcareous; streaks Marl, as above; dull yellow-gold fluorescence, light yellow cloudy cut - Oil Shale.
- 1600-1700 Marl, crypto-microcrystalline, reddish-brown; grades to dolomitic Shale; bright gold to dull gold fluorescence, fair light yellow cut - Oil Shale.
- 1700-1750 Marl, as above; grades to an argillaceous Dolomite; bright yellow-gold fluorescence, fairly strong light yellow cut - Oil Shale.
- 1750-1800 Marl, crypto-microcrystalline, brown, reddish-brown; grades to a dolomitic Shale; dull yellow-gold fluorescence, fairly slow light yellow cut - Oil Shale.
- 1800-1850 Shale, gray-tan, light brown, dolomitic and calcareous; grades to Marl; dull gold fluorescence, occasional cloudy and slow streaming light yellow cut - Oil Shale.
- 1850-1950 Marl, crypto-microcrystalline, bright reddish-brown, reddish-tan; grades to an argillaceous Dolomite; dull yellow-gold fluorescence, fair light yellow cut - Oil Shale.
- 1950-2150 Marl, microcrystalline, occasionally very fine crystalline, gray-tan, tan; dull gold fluorescence, fairly slow light yellow cut - Oil Shale.
- HORSESHOE BENCH 2144 (+3192)
- 2150-2200 Sandstone, very fine-fine grained, light grayish-white, light gray, fair sorting, sub-angular, scattered dark gray accessory grains, silica cement, appears tight, no show; streaks Shale, gray, gray-tan, silty, slightly calcareous.
- 2200-2250 Marl, micro-cryptocrystalline, reddish-brown, reddish-tan; grades to shaley Dolomite; bright light yellow-gold fluorescence, strong light yellow-yellow cut; streaks Sandstone and Shale, as above; trace Limestone, microcrystalline, tan, earthy, argillaceous.
- 2250-2300 Marl, as above; streaks Limestone, cryptocrystalline, tan, earthy, argillaceous; dull gold fluorescence, good light yellow streaming cut - Oil Shale.
- 2300-2400 Marl, crypto-microcrystalline, dark brown, gray-brown, dull reddish-brown; grades to dolomitic Shale; scattered dull gold fluorescence, good light yellow-

- yellow cut - Oil Shale; influx Limestone, as above.
- 2400-2450 Marl, microcrystalline, earthy, yellow-tan; grades to limey Shale; light yellow-yellow-gold fluorescence, good cut, as above - Oil Shale.
- 2450-2500 Marl, crypto-microcrystalline, tan, argillaceous; grades to shaley Limestone; yellow and dull yellow-gold fluorescence, slow light yellow cloudy cut - Oil Shale.
- 2500-2550 Marl, microcrystalline, bright reddish-brown, brown; grades to shaley Limestone; bright light yellow-yellow-gold fluorescence, instant good light yellow cut - Oil Shale.
- 2550-2600 Sandstone, very fine grained, gray, gray-brown, silty, argillaceous, appears tight; streaks Shale, gray-brown, tan, silty and slightly calcareous.
- 2600-2650 Shale, gray, gray-brown, chunky, very silty in part; streaks Sandstone, as above.
- 2650-2700 Shale, as above; streaks Marl, cryptocrystalline, gray-brown, gray-tan; grades to limy Shale; dull yellow-gold fluorescence, cloudy, faint light yellow cut - Oil Shale.
- 2700-2750 Sandstone, very fine to occasionally fine grained, tan, fair-good sorting, sub-angular - primarily loose quartz grains and clusters with contact silica cement, appears primarily tight; light stain, no fluorescence, fair light yellow cut; streaks Shale, as above.
- 2750-2800 Marl, light reddish-tan, reddish-brown, soft; grades to a limy Shale; faint dull gold fluorescence, slow cloudy cut - Oil Shale.
- 2800-2850 Shale, dark gray, sub-waxy, silty and slightly calcareous in part; streaks Sandstone, very fine grained, gray, argillaceous to shaley, tight; Marl, as above; fluorescence and cut, as above.
- 2850-2900 Shale, dark gray, gray-brown, sub-waxy, very silty in part; occasional streaks Siltstone-very fine grained Sandstone, gray-brown, gray, argillaceous, slightly calcareous, tight.
- 2900-3000 Marl, microcrystalline, earthy, bright reddish-tan, reddish-brown; grades to limy Shale; bright light yellow-yellow-gold fluorescence, good light yellow cut - Oil Shale; streaks Shale, as above.

- 3000-3050 Shale, pale to dark gray, sub-waxy, moderately calcareous; streaks Siltstone-very fine grained Sandstone, light gray, gray, good sorting, argillaceous to shaley; grades to silty and sandy Shale; streaks Limestone, microcrystalline, very fine crystalline, cream, scattered oolites.
- 3050-3100 Shale, gray-brown, brown, platy, slightly to moderately calcareous.
- 3100-3150 Limestone, microcrystalline, earthy, bright tan, argillaceous to shaley in part; streaks Marl, microcryptocrystalline, reddish-brown, blocky; grades to dolomitic Limestone; yellow and gold fluorescence, fair light yellow cut - Oil Shale.
- 3150-3200 Limestone and Marl, as above; streaks Shale, pale-medium gray, platy, sub-waxy, silty and calcareous in part; faint dull yellow fluorescence, very slow cloudy cut - Oil Shale.
- 3200-3250 Limestone, microcrystalline, crystalline, white, tan, earthy, silty and sandy in part, dolomitic; dull yellow-gold fluorescence with greenish cast, slow cloudy cut - Oil Shale.
- 3259-3300 Limestone, earthy, tan, argillaceous, very soft; fluorescence, as above, fair cloudy cut becomes good streaming cut - Oil Shale.
- 3300-3350 Limestone, microcrystalline, tan, platy, dolomitic, argillaceous to shaley; fluorescence, as above, cut, as above - Oil Shale.
- 3350-3400 Shale, pale gray, platy, calcareous in part; streaks Limestone, earthy, white; occasional streaks Limestone, cryptocrystalline, earthy, brown, tan, very dolomitic.
- 3400-3450 Shale, pale green, light gray-green, platy, moderately calcareous; streaks Limestone, as above.
- 3450-3500 Shale, gray-green, light gray, platy, slightly calcareous; occasional streaks Marl, micro-cryptocrystalline, light brown, tan-cream, dolomitic; grades to limy Shale; scattered dull gold fluorescence - slow light yellow cut.
- 3500-3550 Shale, gray-tan, as above; streaks Siltstone-very fine grained Sandstone, light gray, tan, fair sorting, sub-angular, tight; pale tan stain, scattered dull yellow-yellow fluorescence - instant cloudy cut followed by light yellow-yellow streaming cut.

- 3550-3600 Shale, as above; influx Limestone, earthy, micro-crystalline, tan, dolomitic, siliceous, cherty, argillaceous; dull yellow fluorescence with greenish cast - instant fair to good light yellow cut.
- 3600-3700 Limestone, as above; scattered gold fluorescence, slow cloudy cut; increased Shale, pale gray, light gray-green, sub-waxy, slightly calcareous; scattered gold fluorescence, slow cloudy cut.
- 3700-3760 Shale, as above; @ 3745 Sandstone, very fine grained, light grayish-white, tan, good sorting, sub-rounded, slightly calcareous, secondary silica cement, appears tight possible poor porosity; spotty tan stain, few chips with even brown stain, dull yellow fluorescence with greenish cast, good instant light yellow-yellow cut.
- 2nd GARDEN GULCH 3768 (+1568)
- 3760-3850 Shale, pale gray, gray, green, platy, sub-waxy; streaks Limestone, cryptocrystalline, tan, cream, argillaceous; @ 3800 Shale becomes very silty and sandy in part; streaks Limestone, as above.
- 3850-3870 Shale, as above; @ 3860 Sandstone, very fine grained, tan, light brown, good sorting, sub-rounded, slightly calcareous, contact silica cement, streaks poor porosity; even light brown stain, dull yellow fluorescence, fair-good light yellow-yellow cut.
- Y-1 SANDSTONE 3880 (1456)
- 3870-3900 Shale, pale-medium gray, chunky, very silty in part; streaks Limestone, earthy, tan, tan-cream, abundant ostracods; @ 3885-95 Sandstone, very fine grained, tan, light gray, silty, good sorting, sub-rounded, appears tight, possible streaks poor porosity; light brown stain, few oil specks, dull yellow fluorescence, good light yellow-yellow cut.
- 3900-3920 Shale, pale gray, gray, sub-waxy, occasionally silty; streaks Siltstone-very fine grained Sandstone, light grayish-white, good sorting, sub-rounded, appears tight; streaks Limestone, cryptocrystalline, tan, earthy, argillaceous.
- 3920-3960 Shale, gray-brown, brown, chunky, carbonaceous in part, slightly calcareous, silty streaks; @ 3940 occasional streaks Sandstone, very fine grained, tan, gray-brown, good sorting, sub-rounded, silty, appears tight, no show.

- 3960-3980 Shale, as above; occasional streaks Limestone, earthy, microcrystalline, tan, argillaceous to shaley.
- 3980-4000 Shale, gray-green, dark gray, gray-tan, sub-waxy; influx Limestone, as above.
- 4000-4020 Sandstone, very fine grained, tan, gray-brown, silty, good sorting, appears primarily tight, possible poor porosity; light tan questionable stain, scattered dull yellow fluorescence, slow cloudy cut; streaks Shale, gray-green, gray, sub-waxy, silty in part.
- 4020-4040 Shale, as above; streaks Siltstone-very fine grained Sandstone, light gray, tan, brown, as above; trace stain, fluorescence and cut, as above.
- 4040-4060 Shale, gray, gray-green, sub-waxy, silty
Y-2 SANDSTONE 4064 (+1572)
- 4060-4080 Sandstone, very fine-fine grained, dark brown, fair sorting, sub-angular, steaks poor-fair porosity; good brown oil stain, no fluorescence, only trace dull yellow fluorescence with greenish cast, excellent light yellow yellow cut.
- 4080-4100 Shale, pale gray-green, waxy, silty.
Y-3 SANDSTONE 4111 (+1525)
- 4100-4120 Sandstone, very fine grained, white, tan, brown, good sorting, primarily loose quartz grains, sub-rounded, silty, slightly calcareous, contact silica cement, streaks poor-fair porosity; brown oil stain, dull yellow, gold fluorescence, instant light yellow to yellow cut; streaks Shale, brown, gray-tan, gray, slightly calcareous, carbonaceous.
- 4120-4140 Sandstone, as above; stain, fluorescence and cut, as above; influx Shale, brown, gray-tan, silty in part, carbonaceous.
- 4140-4180 Shale, pale gray, platy, sub-waxy; @ 4160 streaks Siltstone-very fine grained Sandstone, light gray, argillaceous, calcareous, no show.
- 4180-4200 Shale, as above; influx Siltstone-very fine grained Sandstone, light gray, white, sub-rounded, well sorted, possible poor porosity; trace black oil specks, dull yellow to no fluorescence, occasional slow cloudy cut.
- 4200-4220 Limestone, micro-cryptocrystalline, tan, light brown,

shaley; grades to calcareous Shale; occasional streaks Shale, gray, gray-green, waxy, silty in part.

- 4220-4240 Shale, light-medium gray, gray-green, sub-waxy, calcareous, silty streaks; streaks Limestone, as above; influx Marl, crypto-microcrystalline, reddish-brown; grades to limey Shale; dull yellow fluorescence, cloudy light yellow cut - Oil Shale.
- 4240-4260 Shale, dark brown, gray-brown, platy, carbonaceous, moderately calcareous to limy; streaks Limestone, cryptocrystalline, dark brown, argillaceous.
- 4260-4280 Shale, as above; influx Limestone, cryptocrystalline, brown, tan, cream, earthy, no visible porosity; no stain, yellow to dull yellow fluorescence with greenish cast, fairly slow cloudy out.
- 4280-4300 Shale, pale-medium gray, sub-waxy, occasionally silty.
- 4300-4320 Shale, as above, very silty in part; streaks Siltstone-very fine grained Sandstone, light gray, white, good sorting, sub-rounded, tight.
- 4320-4340 Sandstone, very fine grained, occasionally fine grained, light gray, tan, fair sorting, sub-rounded to rounded, contact silica cement in part; light brown-tan stain, dull yellow to yellow-gold fluorescence, instant whitish yellow cut; streaks Shale, as above.
- 4340-4360 Sandstone, fine grained, occasionally medium grained, white, clear loose quartz grains, sub-rounded, good sorting, possible fair-good porosity; trace pale tan stain with scattered specks brown oil, light to dull yellow fluorescence with greenish cast, instant light yellow-yellow cut - wet; Shale, as above.
- YELLOW MARKER 4388 (+948)
- 4360-4400 Shale, light-medium gray, sub-waxy, silty in part, slightly calcareous; @ 4380 trace Limestone, microcrystalline, earthy, tan, light brown; Shale, dark brown, carbonaceous, soft.
- 4400-4460 Shale, as above, platy, moderately calcareous; occasional thin Limestone streaks, cryptocrystalline, gray-brown, brown, argillaceous, dense.
- 4460-4500 Sandstone, very fine grained, light gray-white, silty, good sorting, sub-rounded, slightly calcareous, contact silica cement, appears tight, no show; streaks Shale, as above; @ 4480 increased Shale, medium-

dark gray, chunky, slightly calcareous.

- 4500-4520 Siltstone-very fine grained Sandstone, light gray, white, good sorting, slightly calcareous, tight, no show; streaks Shale, light to medium gray, chunky, silty, calcareous.
- 4520-4540 Shale, brown, tan, platy, streaks moderately calcareous, carbonaceous, soft; trace Limestone, cryptocrystalline, brown, gray-brown, argillaceous; no fluorescence, fair to good light whitish-yellow cut.

DOUGLAS CREEK 4548 (+788)

- 4540-4560 Sandstone, very fine grained, occasionally fine grained, tan, pale tan, good sorting, moderately calcareous, sub-rounded, primarily tight, possible streaks poor porosity; pale tan-tan stain, light yellow-yellow fluorescence, slow good streaming cut; streaks Shale, as above.
- 4560-4580 Sandstone, as above; abundant light yellow-yellow fluorescence, cut as above; streaks Shale, as above.
- 4580-4600 Shale, dark gray, gray-brown, smooth, calcareous.
- 4600-4620 Shale, pale gray-medium gray, sub-waxy, silty.

R-2 SAND 4631 (+705)

- 4620-4640 Sandstone, very fine-fine grained, tan, light brown, good sorting, sub-angular, friable; even tan to light brown stain, light yellow to yellow fluorescence with greenish cast, instant good whitish-yellow cut.
- 4640-4660 Shale, light gray, gray-tan, chunky; streaks Sandstone, very fine grained, light grayish-white, tan, sub-angular, fair-good sorting; scattered fluorescence and cut, as above.
- 4660-4680 Shale, gray-green, gray, sub-waxy; occasional streaks Limestone, earthy, cream, white, soft.
- 4680-4700 Shale, pale gray, gray-tan, calcareous in part; streaks Limestone, as above.
- 4700-4730 Shale, pale gray - slight greenish cast, platy, silty streaks, slightly calcareous.

R-5 SAND 4736 (+600)

- 4730-4750 Sandstone, very fine-fine grained, light brown, good sorting, sub-rounded, streaks fair porosity; even

light brown and tan stain, bright whitish-yellow fluorescence with bluish cast, instant fair cloudy cut, becomes a persistent whitish-yellow streaming cut.

4750-4780 Shale, gray-brown, waxy, silty, moderately calcareous with limey streaks.

2nd DOUGLAS CREEK 4786 (+550)

4780-4800 Shale, brown, dark brown, carbonaceous, calcareous to limy; gold fluorescence, fair cut - Oil Shle; Shale, pale-medium gray, slight greenish cast, calcareous, very silty in part.

4800-4830 Shale, pale gray, green, chunky, very silty in part, calcareous; influx Siltstone-very fine grained Sandstone, light grayish-white, good sorting, sub-angular, slightly calcareous, appears tight; streaks Limestone, microcrystalline, earthy, cream, light tan, argillaceous.

4830-4850 Sandstone, very fine-fine grained, light grayish-white, tan, good sorting, sub-angular to sub-rounded, slightly calcareous, contact silica cement, streaks poor porosity; trace pale tan stain, scattered brown oil specks, dull yellow to yellow fluorescence with greenish cast, fairly slow faint whitish-yellow cut.

4850-4860 Shale, cream, white, light gray, bentonitic, soft; streaks Siltstone, light grayish-white, argillaceous, calcareous, tight.

4860-4880 Shale, pale gray-tan, gray, platy, calcareous, very silty in part.

4880-4900 Shale, medium gray, gray-tan, platy, calcareous in part.

4900-4920 Shale, dark brown, gray-brown, black, carbonaceous, moderately calcareous with limey streaks.

GREEN MARKER 4925 (+411)

4920-4940 Shale, pale gray, gray-tan, waxy, moderately calcareous; occasional streaks Limestone, micro-crystalline, gray-brown, argillaceous to shaley.

4940-4960 Shale, dark brown, gray-brown, waxy, carbonaceous streaks, moderately calcareous; occasional Limestone, as above.

4960-4980 Shale, pale gray-tan, light gray, waxy, moderately

calcareous to limey.

- 4980-5000 Shale, as above; occasional streaks Siltstone, light gray, gray-tan, argillaceous, moderately calcareous.
- 5000-5020 Shale, as above; influx Sandstone, very fine grained, light grayish-white, sub-angular, fair sorting, primarily loose quartz grains, probably tight, no show.
- 5020-5040 Shale, light-medium gray, waxy, slightly calcareous; streaks Sandstone, as above, no show.
- 5040-5060 Shale, reddish-brown, lumpy, chunky, limey, mushy in part; grades to Marl.
- 5060-5070 Sandstone, very fine grained, light gray-cream, reddish-tan, fair sorting, sub-angular to sub-rounded, no show; Shale, as above.
- 5070-5100 Shale, dark gray-black, chunky, carbonaceous streaks, calcareous in part.
- 5100-5120 Shale, black, dark gray-brown, platy, moderately calcareous, carbonaceous, soft.
- 5120-5160 Shale, pale gray, gray-green, sub-waxy, moderately calcareous limey streaks; @ 5140 streaks Siltstone-very fine grained Sandstone, appears tight; tan, light brown stain, dull yellow fluorescence, fair to good light yellow-yellow cut.
- 5160-5200 Shale, dark gray-brown, dark gray-black, platy, moderately calcareous, limey in part; occasional streaks Limestone, micro-cryptocrystalline, brown, tan, earthy, argillaceous; @ 5180 influx Shale, medium gray, waxy, slightly calcareous, occasional limey streaks; trace Limestone, as above.
- 5200-5220 Shale, black, dark gray-brown, flaky, moderately calcareous to limey, soft; streaks Limestone, earthy, microcrystalline, argillaceous.
- 5220-5240 Shale, black, occasionally gray-brown, platy, flaky, carbonaceous.
- 5240-5260 Shale, light gray-tan, sub-waxy, silty, slightly calcareous; influx Siltstone, light gray, calcareous, argillaceous; very poor sample, hole in drill pipe.
- 5260-5280 Shale, light gray-gray, gray-tan, sub-waxy, moderately calcareous, silty in part.

- 5280-5300 Shale, as above; Shale, gray-brown, gray-tan, silty, slightly calcareous, very poor sample.
- 5300-5320 Shale, light gray-tan, very silty, moderately calcareous, bentonitic, poor sample, abundant cavings.
- 5320-5360 Shale, as above, primarily gray-tan, very silty; increased Siltstone, as above; @ 5340 streaks Shale, pale gray-gray, calcareous, silty in part, poor sample.
- 5360-5380 Shale, gray-tan, very silty in part, calcareous, bentonitic, mushy, very poor sample, abundant cavings.

CARBONATE MARKER 5416 (-80)

- 5380-5420 Shale, black, dark gray-brown, carbonaceous, soft; streaks Shale, pale green, light gray, sub-waxy; @ 5400 streaks Limestone, micro-cryptocrystalline, light brown, earthy, tight; poor sample, abundant cavings.
- 5420-5440 Shale, as above; increased Shale, dark gray-brown, platy, slightly calcareous; Shale, pale gray, sub-waxy; very poor sample.
- 5440-5460 Shale, pale gray, sub-waxy, very slightly calcareous, occasionally silty.

B-1 SAND 5463 (-127)

- 5460-5480 Sandstone, very fine-fine grained, light gray, tan, light brown, sub-rounded, good sorting, abundant loose quartz grains, slightly calcareous, few clusters have contact silica cement, trace fair porosity; light brown, tan stain, light yellow fluorescence with bluish cast, instant whitish-yellow cut; streaks Shale, gray-tan, light gray, dark brown.
- 5480-5520 Shale, pale gray, occasional greenish cast, gray-tan, silty; streaks Siltstone, light gray-tan, argillaceous; streaks Limestone, earthy, tan, cream, argillaceous; very poor sample.
- 5520-5540 Shale, light-medium gray, gray-green, platy, slightly calcareous; influx Sandstone, very fine-fine grained, primarily loose quartz grains, sub-angular to sub-rounded, good sorting, slightly calcareous, some contact silica cement, possible poor porosity; faint pale tan stain, light yellow-yellow fluorescence, fair whitish-yellow cut.
- 5540-5560 Sandstone, as above; trace questionable pale tan stain, scattered fluorescence and cut, as above; Shale, light-medium gray, gray-tan, silty, calcareous.

- 5560-5580 Shale, light-medium gray, gray-tan, slightly calcareous, silty; influx Siltstone-very fine grained Sandstone, light gray, gray-tan, argillaceous, calcareous, appears tight, no show.
- 5580-5600 Shale, dark brown, brown, platy, slightly calcareous; occasional streaks Sandstone, very fine grained, white, sub-angular, good sorting, appears tight; no show.
- 5600-5620 Sandstone, very fine-fine grained, white, light gray, primarily loose quartz grains and small clusters, good sorting, sub-rounded, calcareous, white bentonite - possible matrix material, appears tight; trace pale light tan stain, light yellow-yellow fluorescence, fairly slow light whitish-yellow to yellow cut; streaks Shale, as above.
- 5620-5640 Sandstone, as above, streaks poor porosity; stain, fluorescence and cut, as above; occasional streaks Shale, as above.
- 5640-5660 Shale, black, dark gray, chunky, slightly calcareous in part; occasional streaks Sandstone, very fine grained, light gray, grayish-white, silty in part, good sorting, sub-angular, appears primarily tight, no show.
- 5660-5680 Shale, as above; influx Shale, pale green, light gray, sub-waxy, calcareous; streaks Limestone, crypto-crystalline, tan, cream-tan, earthy, argillaceous.
- 5680-5700 Shale, pale gray, light gray-green, dark gray, sub-waxy, occasionally silty, calcareous in part.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

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

NW SW Section 8, T9S, R17E

2060.2' FSL, 693.5' FWL

5. Lease Designation and Serial No.

U-007978

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Federal #13-8

9. API Well No.

43-013-31382

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

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

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

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

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

First production on this well was on 12-17-93 at 4:00 p.m.

RECEIVED
DEC 29 1993
DIVISION OF
OIL, GAS & MINING

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

Signed [Signature]

Title Operations Manager

Date 12-20-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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

FILE: WELLIST\SARAMSTR.WQ1

01/25/94

Revised 12/17/93

BALCRON-OPERATED WELL LIST

WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	STATE	STATUS	ZONE	ST = State FED. OR STATE LEASE NO.	API NUMBER	FOOTAGES	BLM OFFICE	UNIT OR WELL FILE NO.
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	U-007978	43-013-31382	2060.2' FSL, 693.5' FWL	Vernal	
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	U-007978	43-013-31398	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-007978

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

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

8. Well Name and No.
Palcron Monument Federal #13-8

9. API Well No.
43-013-31382

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

11. County or Parish, State
Duchesne County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company, Palcron Oil Division

3. Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW SW Section 8, T9S, R17E 2060.2' FSL, 693.5' FWL

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

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

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

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

Attached is our Site Security Diagram for this well.



JAN 9 1994

DIVISION OF
OIL, GAS & MINING

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

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 1-17-94

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

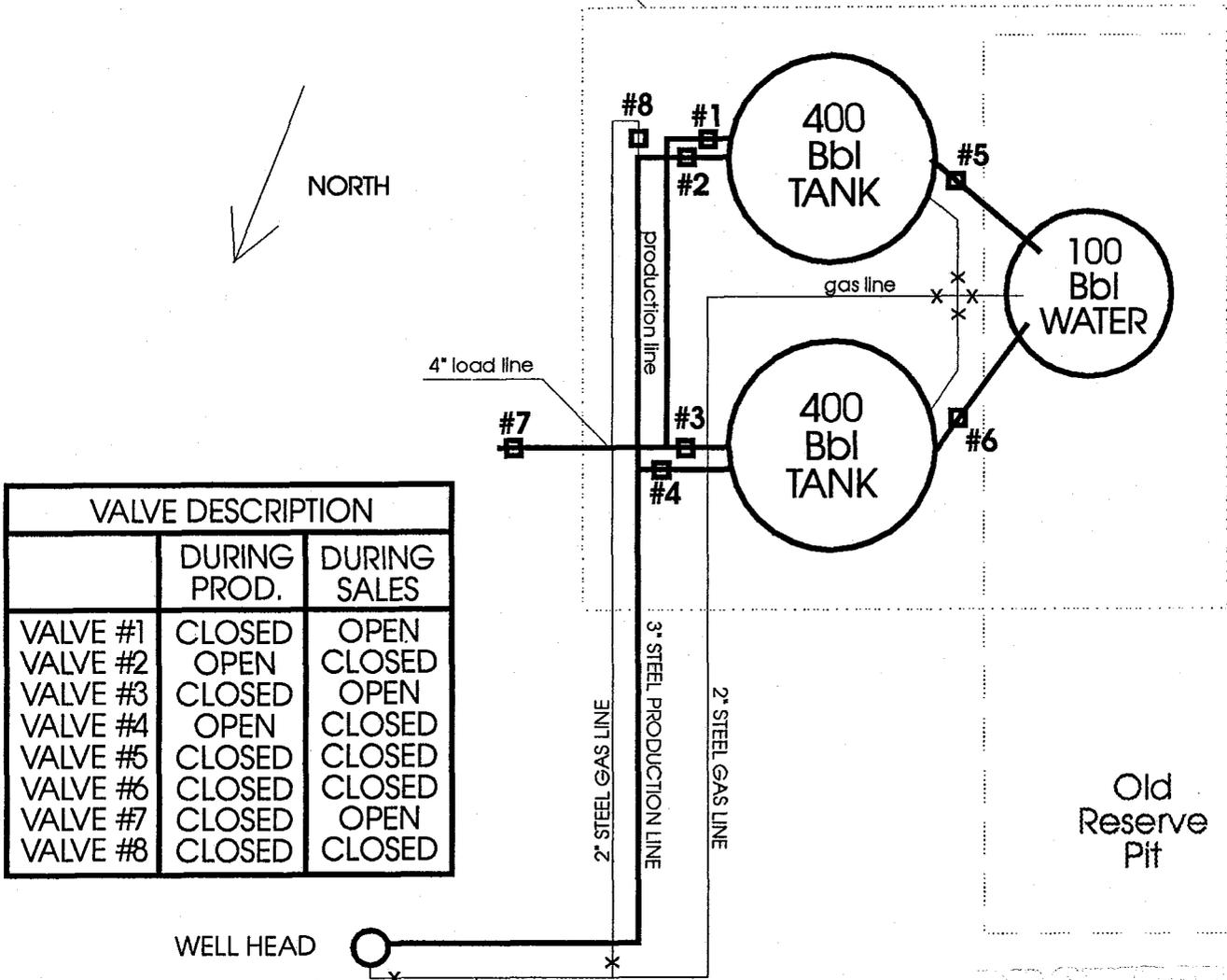
Equitable Resources Energy Company Balcron Monument Federal 13-8 Production Facility Diagram

Balcron Monument Federal 13-8
NW SW Sec. 8, T9S, R17E
Duchesne County, Utah
Federal Lease #J-007978
2060' FSL, 694' FWL

ACCESS ROAD

NORTH

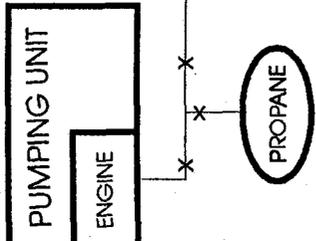
DIKE



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

Old Reserve Pit

WELL HEAD



JAN 10 1994

DIVISION OF
OIL, GAS & MINING



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

DIAGRAM NOT TO SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Other In-
formations on
reverse side)

Budget Form No. 1004-013/
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-007978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#13-8

10. FIELD AND POOL, OR WILDCAT

Monument Butte/ Green River

11. SEC., T., R., N., OR BLOCK AND SURVEY
OR AREA

NW SW Section 8, T9S, R17E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

CONFIDENTIAL

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

3. ADDRESS OF OPERATOR
P.O. Box 21017, Billings, MT 59104

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

At surface 2060.2' FSL, 693.5' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

43-013-31382

4-12-93

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

15. DATE SPUDDED 10-27-93 16. DATE T.D. REACHED 11-25-93 17. DATE COMPL. (Ready to prod.) 12-17-93 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 5323.4' GL 19. ELEV. CASINGHEAD r/a

20. TOTAL DEPTH, MD & TVD 5700' 21. PLUG, BACK T.D., MD & TVD 5617.29' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY ROTARY TOOLS Sfc - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4111' - 4743' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - MSFL - LDT - CNE - GR mud log 11-29-93 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	282' KB	12-1/4"	150 sxs Class "G" + Additives	n/a
5-1/2"	15.5#	5663.67'	7-7/8"	128 sxs lift and 259 sxs Class "G"	n/a

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4815.85'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4630'-42'	(1 SPF)	4125'-28'	(2 SPF)
4736'-43'	(2 SPF)	4630' - 4743'	39,709# 16/30 sand in 452 bbls 2% KCl water.
4064'-74'	(2 SPF)	4064' - 4128'	50,074# 16/30 sand in 95 bbls 2% KCl water
4111'-14'	(2 SPF)		
4116'-20'	(2 SPF)		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12-17-93		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-20-93	24	n/a	→	60	n/a	0	n/a
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	60	n/a	0	43	

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

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 Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 1-17-94

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

JAN 10 1994

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Monument Federal #13-8
API number: 43-013-31382
2. Well location: QQ NW SW section 8 township 9S range 17E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
Address: P.O. Box 21017 phone: (406) 259-7860
Billings, MT 59104
4. Drilling contractor: Molen Drilling
Address: P.O. Box 2222 phone: (406) 252-2591
Billings, MT 59103

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		No measurable water reported during drilling operations.	

6. Formation tops: See Geologic Report submitted separately.

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

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

Name Bobbie Schuman Signature Bobbie Schuman
Title Coordinator of Environmental and Date 1-17-94
Regulatory Affairs

Comments:

RECEIVED

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

JAN 27 1994

DIVISION OF
OIL, GAS & MINING

Operator: EQUITABLE RESOURCES COMPANY Lease: State: _____ Federal: Y
Indian: _____ Fee: _____

Well Name: BALCRON MONUMENT FED #13-8 API Number: 43-013-31382
Section: 8 Township: 9S Range: 17E County: DUCHESNE Field:
MONUMENT BUTTES
Well Status: POW Well Type: Oil: Y Gas: _____

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: _____

Y Well head _____ Boiler(s) _____ Compressor _____ Separator(s)
_____ Dehydrator(s) _____ Shed(s) _____ Line Heater(s) _____ Heated
Separator
_____ VRU _____ Heater Treater(s)

PUMPS:
_____ Triplex _____ Chemical _____ (1) Centrifugal

LIFT METHOD:
Y Pumpjack _____ Hydraulic _____ Submersible _____ Flowing

GAS EQUIPMENT:
N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>2-400 BARREL OIL TANKS</u> BBLs
	<u>Y</u> Water Tank(s)	<u>1-130 BARREL PIT TANK</u> BBLs
	Power Water Tank	_____ BBLs
	Condensate Tank(s)	_____ BBLs
	(1) Propane Tank	_____ BBLs

REMARKS: RESERVE STILL OPEN. PIT TANK ON LOCATION BUT NOT YET INSTALLED.
EQUIPMENT FIRED ON CASING HEAD GAS WITH PROPANE BACKUP. CENTRIFUGAL PUMP IS
GLYCOL TRACE PUMP. VENTING SMALL AMOUNT OF GAS AT PIT.

Location central battery: Qtr/Qtr: _____ Section: _____ Township: _____
Range: _____

Inspector: DENNIS INGRAM Date: 1/19/94

EQUITABLE RESOURCES CO
BALCON MON FED #13-8

007978
43-013-31382

↑
NORTH WEST

SEC 8 T9S R17E

1/19/94 *D. J. [Signature]*

○ PIT TANK
NOT YET INSTALLED

PROpane TANK

Pump Jack

WELL HEAD

RESERVE PIT

Berm →

Big Joe Regu.
↓

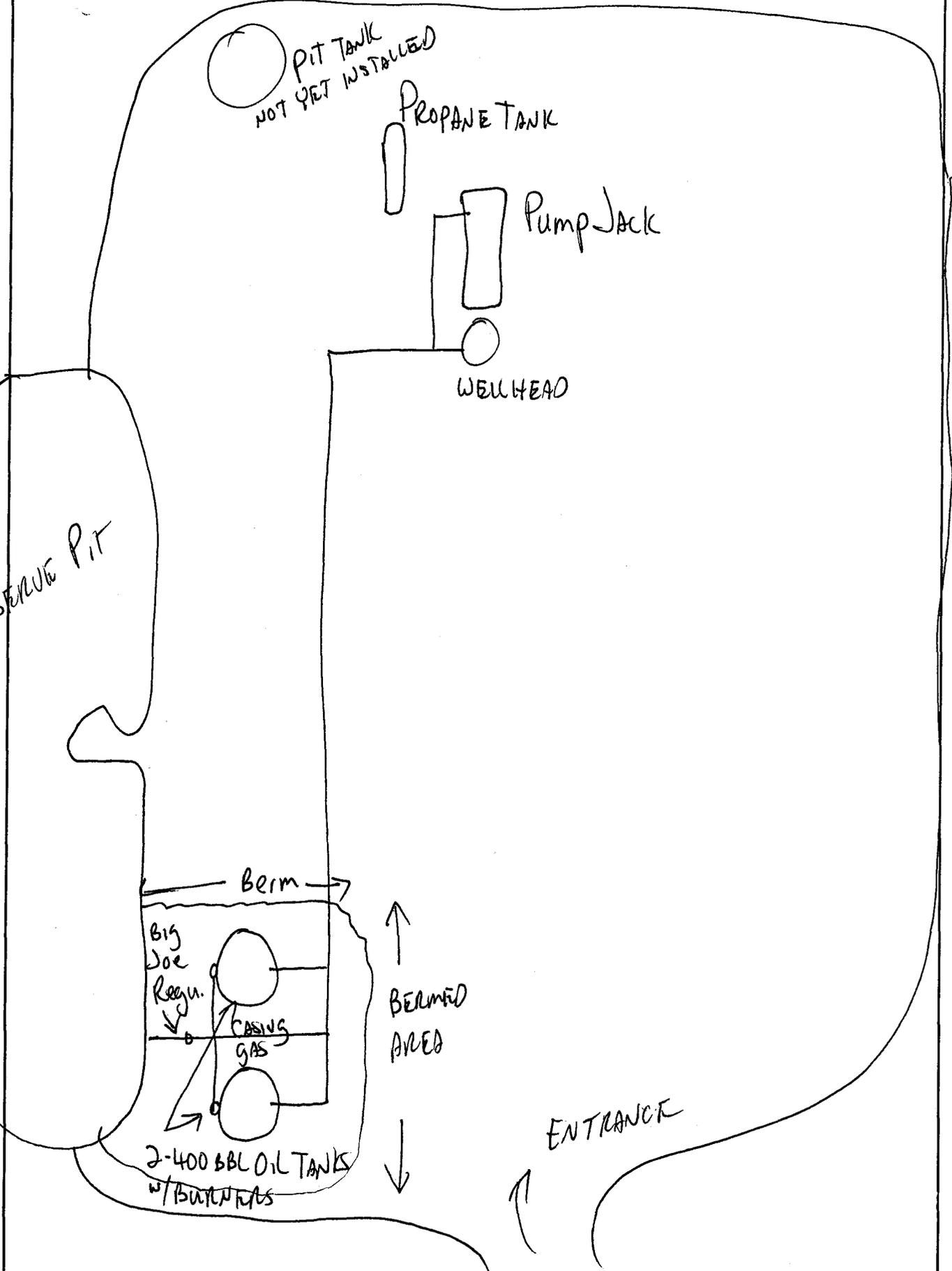
○ CASING GAS

○ GAS

2-400 BBL OIL TANKS
w/ BURNERS

↑
BERMED AREA

ENTRANCE



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

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

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

See attached

5. Lease Designation and Serial No.

See attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

See attached

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

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

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

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

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

Operator proposes to hookup wells in the Monument Butte Field in accordance with the attached proposal.

RECORDED

JAN 28 1994

DIVISION OF
OIL, GAS & MINING

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

Signed

Bobbie Schuman

Title

Coordinator of Environmental and Regulatory Affairs

Date

January 25, 1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

Monument Butte Field
Duchesne County, Utah

Attachment to sundry Notice for hooking up new Monument Butte wells to the gas gathering system.

Equitable Resources Energy Company, Balcron Oil Division is proposing to hook up their newly-drilled oil wells in the Monument Butte Field to the existing gas gathering system. The proposed hookup will allow revenues to be earned from sales of excess gas. The new wells will be connected to the existing system by laying two-inch and one-inch polyurethane pipe on the surface from the well to the nearest gas gathering line. The two-inch line will be used for gathering the produced gas and transporting it to the Monument Butte gas plant where it is processed for sale. The one-inch line will be used for distribution of dry fuel gas from the gas plant to the wells. All proposed lines are within lease boundaries and are connecting lease wells only. Each well's gas production will be metered through existing gas meters and allocated back to each well according to oil production. All gas will be gathered, transported, allocated, and sold using the same past procedures.

1. The following wells will be connected to the Monument Butte gas plant and gas measured through the Paiute Federal Section 8 (#U-7978) gas meter.

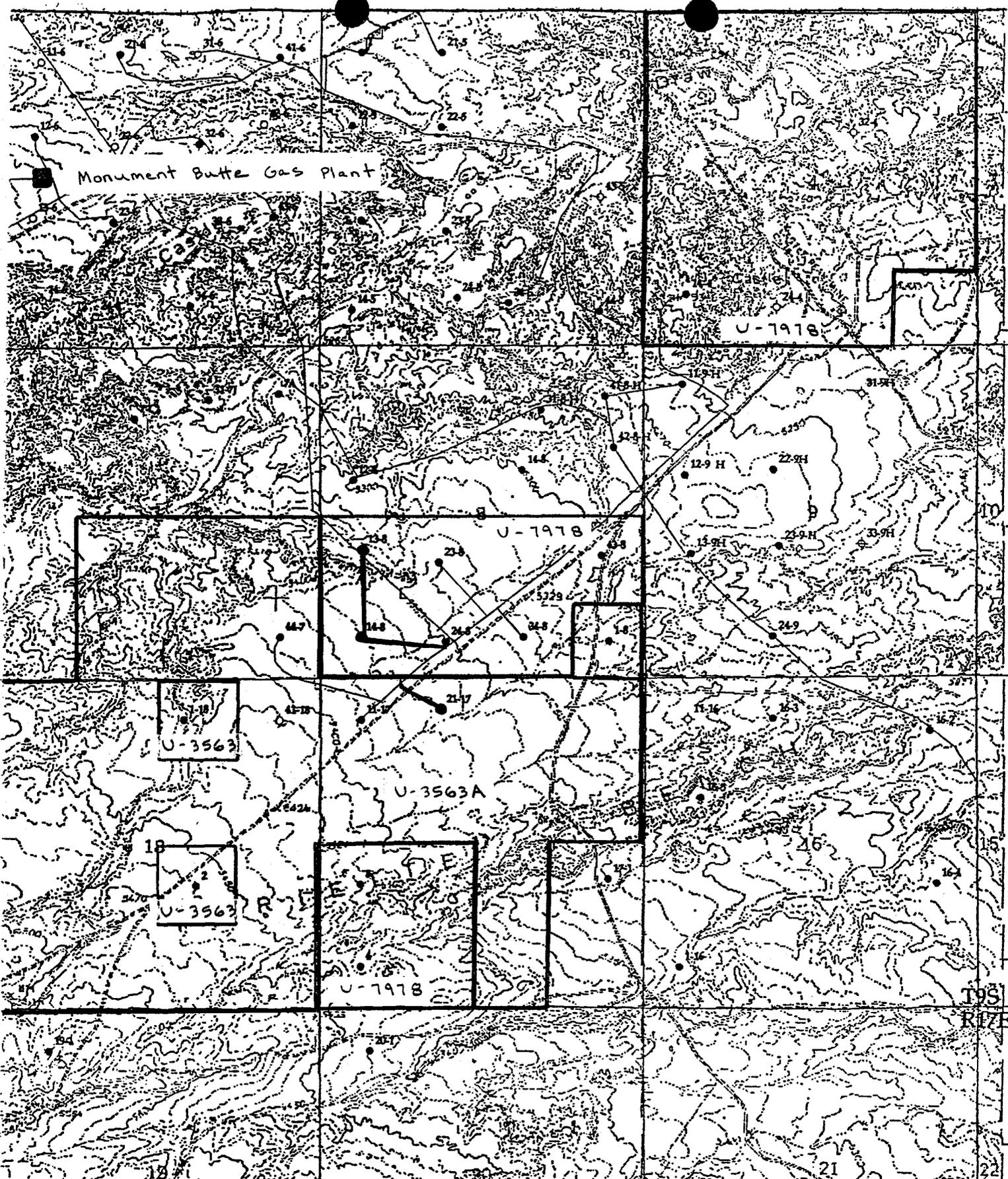
Balcron Federal #13-8	NW SW Sec. 8, T9S, R17E	1500 Feet
Balcron Federal #14-8	SW SW Sec. 8, T9S, R17E	1500 Feet

2. The following well will be connected to the Monument Butte gas plant and gas measured through the Mocon Federal (#U-3563A) gas meter.

Balcron Federal #21-17	NE NW Sec. 17, T9S, R17E	800 Feet
------------------------	--------------------------	----------

Please refer to the enclosed topographic map which shows proposed routes for each gas line. All proposed routes follow lease roads whenever possible to minimize disturbance and the gas lines will be placed on the surface which will eliminate trenching.

1/25/94
JZ/rs



Monument Butte Gas Plant

U-7978

U-7978

U-3563

U-3563A

U-3563

U-7978

T95
R17E

- Well Proposed For Gas Hook up.
- Existing Gas Gathering System
- Proposed Gas lines

Two gas meters located at Mocon #24-8 SE SW Sec.8 for the lease #U-3563A and #U-7978

Equitable Resources Energy Co.
Balcon Oil Division
Monument Butte Gas Gathering
Proposed New Well Hook Ups
Sec. 2 & 17, T95, R17E
Duchesne County, Utah
SZ
1-19-94

FEB 25 1994

1

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #13-8

Location: NW SW Section 8, T9S, R17E

Duchesne County, Utah

2060.2' FSL, 693.5' FWL

PTD: 5700' Formation: Green River

Monument Butte Field

Elevations: 5323.4' GL

Contractor: Molen Drilling Rig #1

Operator: Balcron/EREC

Spud: 10-27-93 @ 9 a.m.

Casing: 8-5/8" 24# J-55 @ 282' KB

5-1/2" 15.5# J-55 @ 5663.67'

Tubing: 2-7/8" 6.5# J-55 @ 4815.85' KB

---TIGHT HOLE---

10-16/18-93 Work on & finish location

10-27-93 MIRU Leon Ross Air Drilling & spud well @ 9 a.m.. Drill to 272'.

10-28-93 Run 6 jts 8-5/8" csg & cmt by Halliburton as follows:

Guide shoe

.65'

1 jt 8-5/8" J-55 shoe jt

45.20'

Stop ring

5 jts 8-5/8" J-55 csg

225.83'

Set @ 269' GL, Molen KB (13')

282.' KB

Cmt by Halliburton w/150 sxs "G" w/2% CCL & 1/4#/sx flocele. Good returns, 6 bbls cmt back to pit. Plug down @ 12:30 p.m. 10-29-93.

DC: \$3,600

CC: \$33,193

11-15-93 TD: 533' (251') Day 1

Formation: Uintah

MW 8.3 VIS 26

Present Operation: Drilling

RU, NU BOP. Test BOP & manifold to 2000#. Test surface pipe to 1500# - OK. PU drill collars & drill cmt, survey, & drill ahead.

DC: \$3,944

CC: \$37,137

11-16-93 TD: 1,806' (1,273') Day 2

Formation: Green River

MW 8.3 VIS 26

Present Operation: Survey

Drill, survey, & clean on rig.

DC: \$17,325

CC: \$54,462

11-17-93 TD: 2,780' (974') Day 3

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling

Drill, survey, work on boiler & clean on rig.

DC: \$12,758

CC: \$67,220

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #13-8

Location: NW SW Section 8, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

- 11-18-93 TD: 3,566' (786') Day 4
Formation: Green River
MW 8.3+ VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$10,983 CC: \$78,203
- 11-19-93 TD: 4,157' (591') Day 5
Formation: Yellow Zone
MW 8.3 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$8,469 CC: \$86,672
- 11-20-93 TD: 4,618' (461') Day 6
Formation: Red Zone
MW 8.4 VIS 26
Present Operation: Drilling
Drill, work on pump, short trip for hole in drill pipe 7 stds down.
Drill & survey.'
DC: \$6,587 CC: \$93,259
- 11-21-93 TD: 5,088' (470') Day 7
Formation: Red Zone
MW 8.4 VIS 26
Present Operation: Drilling
Drill, clean on rig. Lost approximately 500 bbls fluid in last 24 hrs.
DC: \$6,688 CC: \$99,947
- 11-22-93 TD: 5,405' (317') Day 8
Formation: Green Zone
MW 8.4 VIS 26
Present Operation: Work on pump.
Drill, survey, trip for pressure drop, no hole in pipe. Work on pump.
DC: \$4,966 CC: \$104,913
- 11-23-93 TD: 5,700' (295') Day 9
Formation: Green River
MW 8.4 VIS 26
Present Operation: TOOH for logs.
Work on pump, drill, trip for hole in pipe 10 stds down, drill, trip for hole in pipe 32 stds down. Drill, circ, & start TOH for logs.
DC: \$6,716 CC: \$111,629

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #13-8

Location: NW SW Section 8, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 12-2-93 Completion
 CP - 0. RU Schlumberger to per 4064'-74', 4111'-14', 4116'-20 (2 SPF). RD Schlumberger. TIH w/retrieving head, one 2-7/8" x 6' sub, 5-1/2" HD packer, SN, 133 jts 2-7/8" tbg. Set packer @ 4090' KB. EOT 4100' KB. RU Western to do KCL break down on 4111'-4128' refer to treatment report. Release packer, release BP. Reset BP @ 4090' KB, set packer @ 4030' KB, EOT @ 4040' KB. RU Western to do KCL break down on perfs 4064'-74' refer to treatment report. RD Western. Release packer, TIH to 4090' KB, release BP, reset BP @ 4190' KB, set packer @ 4160' KB. Pressure test BP to 2000 psi - OK. Release packer, TOOH w/135 jts 2-7/8" tbg, SN, HD packer, 2-7/8" x 6' sub, & retrieving head. SWIFN.
 DC: \$5,226
- 12-4-93 Completion
 CP - 50 psi. Flow back 10 BW. TIH w/retrieving head, 1 jt 2-7/8" tbg, 5-1/2" HD packer, SN & 132 jts 2-7/8" tbg. Tag sand @ 4115' KB. Circ out to 4150' KB, set packer @ 3970' KB. Made 21 swab runs, recovered 25 BO & 65 BW. Last three runs, fluid level stable @ 3450', no sand. Release packer, tag sand @ 4140' KB, circ out to 4180' KB. Retrieve BP, TOOH w/133 jts 2-7/8" tbg, SN, 5-1/2" packer, 1 jt tbg, retrieving head, & BP. SWIFN.
 DC: \$2,087
- 12-17-93 Completion
 Start unit pumping, 4 SPM, stroke length - 72". Pumping unit: Bethlehem Model 320-212-86 (Karst), S/N - 6306-108-E-666. Engine: Ajax - E-42, S/N 30577 (Karst).
 DC: \$35,520

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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List of Exhibits

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Exhibit-B	Well Data Sheets and Scout Cards
Exhibit-C	Individual Sand Isopach Maps
Exhibit-D	Well Perforation Intervals
Exhibit-E	Fracture Pressure Data
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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 STBWD. Maximum water injection volume of 500 STBWD.
- 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.

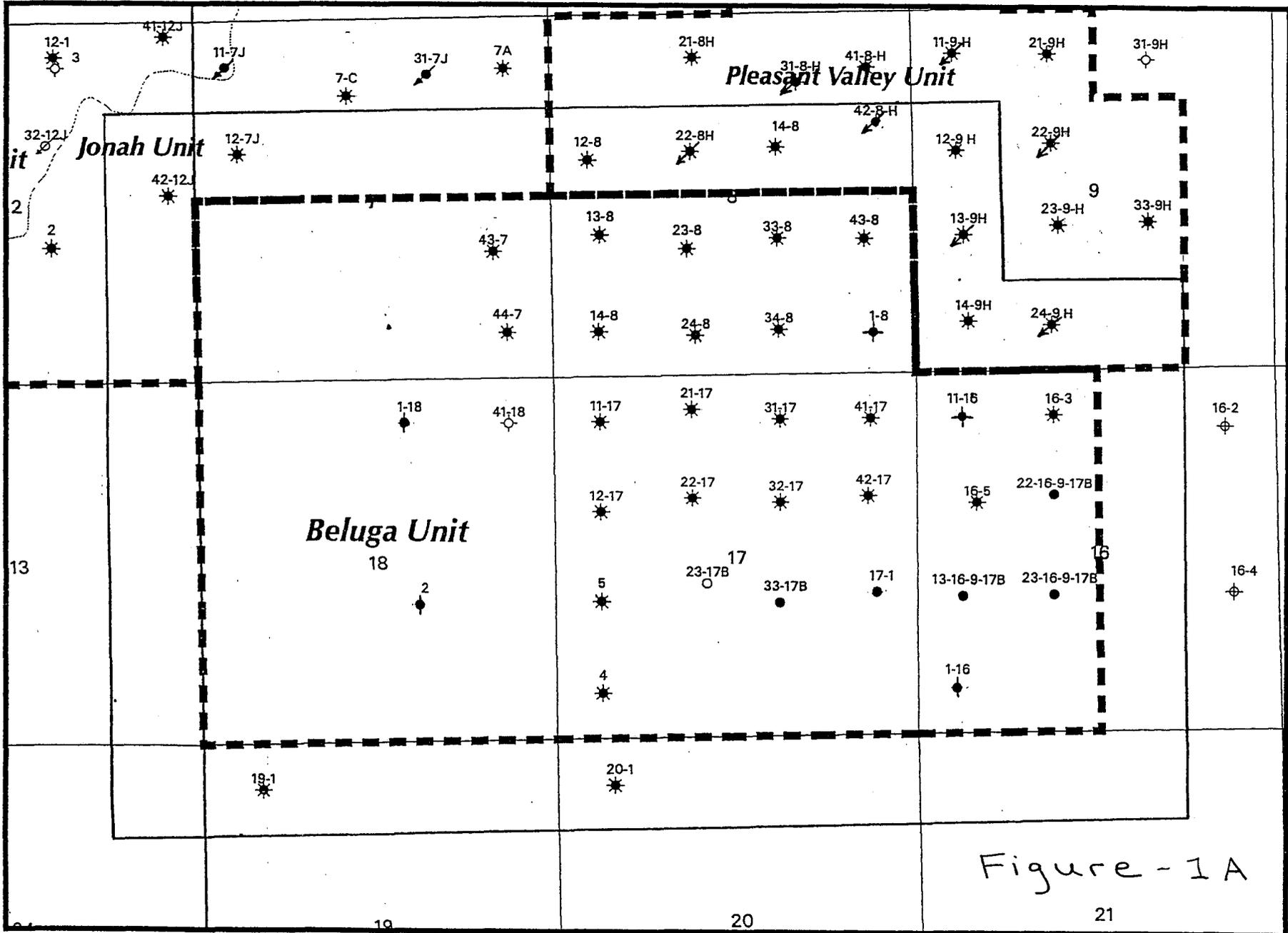
- 1) Refer to Exhibit-L for existing EPA permits held by Equitable Resources Energy Company, Western Region.

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.

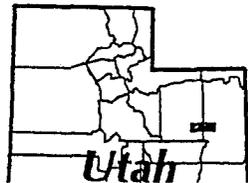
R16E

R17E



T9S

Figure - 1A



----- Unit Boundaries
 _____ Area Of Review



Equitable Resources Energy Company

Beluga Unit
Figure 1

Duchesne County, Utah

Well spot man/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)
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Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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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

Newspaper Agency Corporation
The Salt Lake Tribune DESERET NEWS

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, 13-8, 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, 13-8, 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. 549-10, 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. Firth
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

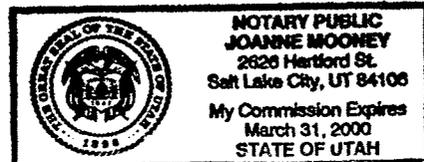
AFFIDAVIT OF PUBLICATION

I, _____, 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.

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****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860★FAX TRANSMITTAL★FAX NO.: (406) 245-1365

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. **THANK YOU.**

OPERATOR EQUITABLE RESOURCES ENERGY
 ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

L. CORDOVA (DOGM)
 Signature
 ADMIN. ANALYST 2-22-96
 Title Date
 Phone No. ()

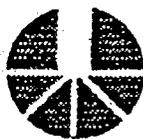
P.2/2

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (Sl)	Green River	ML-3453	43-013-15582	680' FSL, 560' FWL		Beluga
✓ Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	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	Vernal	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	Vernal	Beluga
✓ Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1860' FNL, 1980' FEL	Vernal	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	Vernal	Beluga
✓ Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	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	Vernal	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	Vernal	Beluga
✓ D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 885' FWL		Beluga
✓ DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (Sl)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2185' FEL	Vernal	Beluga
✓ Maxus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	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, 683' FEL	Vernal	Beluga
✓ Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
✓ Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1925' FSL, 2000' FEL	Vernal	Beluga
✓ Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
✓ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
✓ Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	861' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	680' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	680' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N4990-Enserch Explor. Inc.
(Oper. chg. in Progress)

N8395-Prod. Recovery Corp.
(Oper. chg. in Progress)

FEB 21 '96 03:42PM BALCRON OIL DIV

**EQUITABLE RESOURCES
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860★FAX TRANSMITTAL★FAX NO.: (406) 245-1365

TO: NAME: Leesha
COMPANY: Utah, Division of Oil, Gas, & Mining
DATE: 02-21-96
FAX #:

FROM: Molly Conrad
Equitable Resources Energy Company, Balcron Oil Division
1601 Lewis Avenue
Billings, MT 59102
Phone: (406) 259-7860 ext 236

TOTAL # OF PAGES 2
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

TELECOMMUNICATOR: mmc

SPECIAL INSTRUCTIONS:

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

NOTE: The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. THANK YOU.

OPERATOR EQUITABLE RESOURCES ENERGY
ADDRESS BALCRON OIL DIVISION

OPERATOR ACCT. NO. 119890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ()

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
BOLL WEEVIL FED 26-13 4301330770	00035	08S 16E 26	GRRV					
CASTLE PK ST 43-16 4301330594	01181	09S 16E 16	GRRV					
PALETTE FEDERAL 34-81 4301330778	01200	09S 17E 8	GRRV					
MOCON FEDERAL 14-71 4301330666	01205	09S 17E 7	GRRV					
PALETTE FEDERAL 14-174 4301330516	01210	09S 17E 17	GRRV					
PALETTE FEDERAL 24-81 4301330675	01220	09S 17E 8	GRRV					
JORNEY FED 1-9 4304730070	01260	09S 19E 9	GRRV					
CASTLE PK FED 24-10A 4301330555	01281	09S 16E 10	GRRV					
HENDEL FED 1-17 4304730059	01305	09S 19E 17	GRRV					
HENDEL FED 3-17 4304730074	01305	09S 19E 17	GRRV					
HENDEL FED. 1-9 4304720011	01310	09S 19E 9	GRRV					
PARIETTE BENCH FED 14-5 4304731123	01335	09S 19E 5	GRRV					
PARIETTE BENCH UNIT 2 4304715680	01345	09S 19E 7	GRRV					
TOTALS								

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
PARIETTE BENCH FED 41-7 4304731584	01346	09S 19E 7	GRRV					
SUE MORRIS 16-3								
4301330562	01450	09S 17E 16	GRRV					
STATE 16-2								
4301330552	01451	09S 17E 16	GRRV					
K JORGENSON ST 16-4								
4301330572	01452	09S 17E 16	GRRV					
DUNCAN ST 16-5								
4301330570	01453	09S 17E 16	GRRV					
PARIETTE FEDERAL 43-8								
01330777	02042	09S 17E 8	GRRV					
FEDERAL 18								
4301330332	08100	09S 17E 18	DGCRK					
POMGO #2								
4301330505	08101	09S 17E 18	GR-WS					
POMGO #4								
4301330506	08102	09S 17E 17	GRRV					
POMGO #5								
4301330499	08104	09S 17E 17	GRRV					
PARIETTE BENCH FED 32-6								
4304731554	09885	09S 19E 6	GRRV					
PARIETTE BENCH FED 43-6								
4304731616	10280	09S 19E 6	GRRV					
MAXUS FEDERAL 23-8								
4301331196	10800	09S 17E 8	GRRV					
TOTALS								

REMARKS:

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5								
4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5								
4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y								
4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y								
4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y								
4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y								
11331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y								
4301331396	11513	09S 16E 9	GRRV					
MONUMENT FEDERAL 21-17								
4301331387	11528	09S 17E 17	GRRV					
FEDERAL 14-8								
4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y								
4301331394	11530	09S 16E 25	GRRV					
MONUMENT FEDERAL 13-8								
4301331382	11574	09S 17E 8	GRRV					
MONUMENT FEDERAL 33-8								
4301331427	11613	09S 17E 8	GRRV					
MONUMENT FEDERAL 43-7								
4301331432	11616	09S 17E 7	GRRV					
TOTALS								

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25 4304732455	11625	08S 17E 25	GRRV					
MONUMENT FEDERAL 31-17 4301331428	11635	09S 17E 17	GRRV					
MONUMENT FEDERAL 22-17 4301331429	11638	09S 17E 17	GRRV					
BALCRON MONUMENT FEDERAL 12-17 4301331431	11640	09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G 4301331442	11642	09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y 44732504	11651	09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2 4301331425	11656	09S 17E 2	GRRV					
FEDERAL 44-4Y 4301331452	11679	09S 17E 4	GRRV					
FEDERAL 31-5Y 4304732503	11680	09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25 4304732528	11683	08S 17E 25	GRRV					
MONUMENT FEDERAL 11-17 4301331466	11692	09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25 4304732526	11694	08S 17E 25	GRRV					
MONUMENT FEDERAL 24-17 4301331467	11698	09S 17E 17	GRRV					
TOTALS								

REMARKS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT (Highlight Changes)

Well Name	PI Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes			
							OIL(BBL)	GAS(MCF)	WATER(BBL)	
MONUMENT FEDERAL 32-17A	4301331465	11704	09S 17E 17	GRRV						
MONUMENT FEDERAL 32-25	4304732524	11707	08S 17E 25	GRRV						
MONUMENT FEDERAL 31-25	4304732530	11710	08S 17E 25	GRRV						
BALCRON FEDERAL 12-22Y	4301331476	11717	08S 17E 22	GRRV						
MONUMENT FEDERAL 33-25	4304732525	11729	08S 17E 25	GRRV						
MONUMENT FEDERAL 23-25	4304732529	11730	08S 17E 25	GRRV						
BALCRON MONUMENT STATE 24-2	4304732612	11736	09S 17E 2	GRRV						
BALCRON MONUMENT STATE 13-2	4301331482	11738	09S 17E 2	GRRV						
BALCRON MONUMENT STATE 22-2	4304732610	11742	09S 17E 2	GRRV						
BALCRON MONUMENT STATE 12-2	4301331481	11745	09S 17E 2	GRRV						
BALCRON FEDERAL 31-19Y	4304732614	11751	09S 18E 19	GRRV						
BALCRON FEDERAL 42-19Y	4304732616	11756	09S 18E 19	GRRV						
BALCRON FEDERAL 12-20Y	4304732617	11758	09S 18E 20	GRRV						
TOTALS										

REMARKS:

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

Date: _____

Name and Signature: _____

Telephone Number: _____

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION
 EQUITABLE RESOURCES ENERGY
 1601 LEWIS AVE
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MAXUS FEDERAL 23-8 4301331196 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 13-8 4301331382 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 21-17 4301331387 11880 09S 17E 17	GRRV					
✓ FEDERAL 14-8 4301331398 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 33-8 4301331427 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 31-17 01331428 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 22-17 4301331429 11880 09S 17E 17	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-17 4301331431 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 43-7 4301331432 11880 09S 17E 7	GRRV					
✓ MONUMENT FEDERAL 32-17 4301331465 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 41-17 4301331466 11880 09S 17E 17	GRRV					
✓ BALCRON MONUMENT FEDERAL 42-17 4301331467 11880 09S 17E 17	GRRV					
TOTALS						

COMMENTS:

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WIW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



EQUITABLE RESOURCES
ENERGY COMPANY

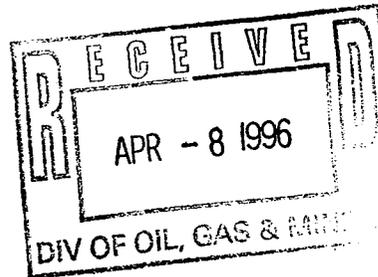
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

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

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

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

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

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See attached listing

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

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

1. Type of Well: OIL GAS OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

OO, Sec., T., R., M.:

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

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

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

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996
Bobbie Schuman

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEP 7-SJ	✓
2-DPS 8-FILE	✓
3-VLD (GIL)	✓
4-RJE	✓
5-LEP	✓
6-FILM	✓

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>013-31382</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *4/26/96*
- DTS* 2. Copies of documents have been sent to State Lands for changes involving State leases. *Sent to Ed Bouncer - Trust Lands*

FILMING

WDR All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

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

COMMENTS

9/6/10 Blue/BIA "Formal approval not necessary"



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

STATE OF UTAH
 Division of Oil, Gas and Mining
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>11-13-96</u>	Well Owner/Operator: <u>Equitable</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: 43- <u>013-31382</u>	Well Name/Number: <u>13-8</u>
Section: <u>8</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi
 Casing/Tubing Annulus - Pressure: 500 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1060</u>	<u>0</u>
5	<u>1060</u>	<u>0</u>
10	<u>1060</u>	<u>0</u>
15	<u>1060</u>	<u>0</u>
20	<u>1060</u>	<u>0</u>
25	<u>1060</u>	<u>0</u>
30	<u>1060</u>	<u>0</u>
1 hr	<u>1060</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

10 @ psi
 Bled off pressure - Pressured to 1060 held 1 hr.
 Passed MIT - NO pressure loss

Operator Representative _____

Dan Janis
 DOGM Witness

①

10:39

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-74108

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Bal. Mon. Fed. #13-0

9. API Well No.

43-013-31382

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

11. County or Parish, State

Duchesne Co. Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other WIW

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)

NW SW 8-T9S-R17E
2060' FSL, 694' 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

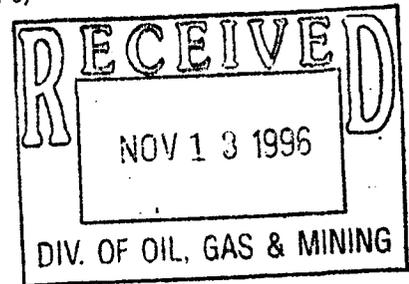
- Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other request for approval to inject
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(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

Signed

Bobbie Schuman

Title

Regulatory and Environmental Specialist

Date

November 12, 1996

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

WO tax credit denied - 9/97.

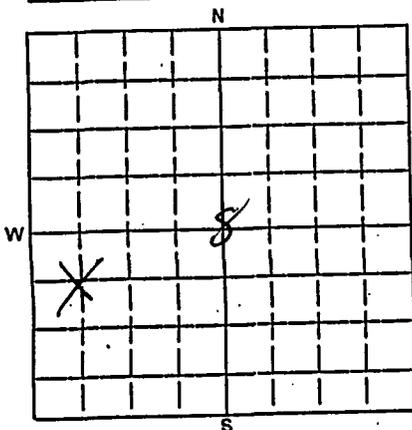


WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102

NAME AND ADDRESS OF CONTRACTOR
Pennant Well Service
600 17th Street 1615N
Denver, Colorado 80202

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



STATE: Utah COUNTY: Duchesne County

PERMIT NUMBER: U-74108

SURFACE LOCATION DESCRIPTION
NW 1/4 OF SW 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 2060 ft. from (N/S) S Line of quarter section
and 694 ft. from (E/W) E Line of quarter section

UT 2798-04305

WELL ACTIVITY
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage

Total Depth Before Rework
5700' KB

TYPE OF PERMIT
 Individual
 Area
Number of Wells _____

Lease Name
Beluga Unit

Total Depth After Rework
5700' KB

Well Number
Balcron Monument
Federal # 13-8

Date Rework Commenced
10/10/96

Date Rework Completed
10/14/96

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Isolated individual zones + establish INT. Rates into each zone. Pickup new INT. tubing + set Agrow Set-1 packer @ 3995' KB. Load casing annulus w/ 55 gallons Champion Cotton 2383 mixed with 62 BBL 20% KCL water.

Log Types	Logged Intervals
Dual Laterolog,	TD to Surface
Compensated Neutron	
Litho-Density	
Dual Induction SFL	
CBL/GR/Collar.	

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 Zellitti
Senior Prod. Engr.

SIGNATURE

DATE SIGNED

11-1-96

WELL NAME: **Balcron Monument Federal #13-8**
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-74108
 LOCATION: NW SW Section 8, T9S, R17E
 FOOTAGE: 2060' FSL, 694' FEL
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.91491728
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12-17-93
 INITIAL PRODUCTION: 60 BO
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Oil Well
 ELEVATIONS - GROUND: 5323.4' GL
 TOTAL DEPTH: 5700' KB

DATE: 11/2/95 vk
 API NO.: 43-013-31382

NET REVENUE INTEREST: 0.80471769 Oil
 0.73106274 Gas
 SPUD DATE: 10-27-93
 KB: 5336.4' KB (13' KB)
 PLUG BACK TD: 5617.29' KB from Comp. Report

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jnts @ 225.83'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: By Halliburton w/150 sxs "G"
 w/2% CCL & 1/4#/sxs Flocele.
 Cemented to surface.

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jnts @ 5652.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5663.67' KB
 CEMENT DATA: By Dowell w/128 sxs Hilift &
 tail w/259 sxs "G".

CEMENT TOP AT: 2302' KB from CBL

TUBING RECORD

SIZE / GRADE / WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 Jts (3980.91')
 SEATING NIPPLE: 2-7/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.20'
 PACKER SET AT: 3995' KB

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

ACID JOB / BREAKDOWN JOB

SEE ATTACHMENT

FRAC JOB

4630' - 4642' KB & 4736' - 4743'	Western	11-30-93 : w/39,709# 16/30 mesh sand in 452 bbls of 2% KCL wtr. ATP 2369 psi, max 2890 psi. ATR 22.4 BPM, max 25.7 BPM. ISIP 2050 psi, 5 min 1620 psi, 10 min 1580 psi, 15 min 1300 psi.
4064' - 4074' KB & 4111' - 4114' & 4116' - 4120' & 4125' - 4128'	Western	12-3-93 : w/ 50,074 # 16/30 mesh sand in 95 bbls 2% KCL wtr. ATP 2310 psi, max 2310 psi. ATR 24.7 BPM, max 25.2 BPM. ISIP 1700 psi, 5 min 1630 psi, 10 min 1510 psi, 15 min 1340 psi.

LOGS: Dual Laterolog, Compensated Neutron
 Litho-Density, Dual Induction - SFL,
 Cement Bond & Gamma Ray & Collar Log

Before Rework



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

Balcron Monument Federal #13-8

NW SW Section 8, T9S, R17E

LEASE #U-007978

Monument Butte Field

Duchesne County, Utah

WELLDATA INFORMATION

ACID JOB / BREAKDOWN JOB

4630' - 4642' 11/29/93	Breakdown w/ 2% KCl water w/ 24 ball sealers. Balled off. ISIP - 1500 psi. Pump for rate @ 4.7 bpm at 2450 psi.
4736' - 4743' 11/29/93	Breakdown w/ 2% KCl water w/ ball sealers. Balled off. ISIP - 1750 psi. Pump for rate @ 4.4 bpm at 2500 psi.
4111' - 4128' 12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2000 psi, Max-4500 psi, ISIP - 1400 psi. Rate 6.7 bpm @ 2500 psi.
4064' - 4074' 12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2200 psi, MAX-4500 psi ATR-4.2 bpm, MAX-4.2 bpm, ISIP-1000 psi

Before Rework

WELLBORE DIAGRAM

Elev. - 5323.4' GL
 Elev. KB - 5336.4' KB (13'KB)

DATE: 11/2/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jnts @ 225.83'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: By Halliburton w/150 sxs "G"
 w/2% CCL & 1/4#/sx Flocele.
 Cemented to surface.

226' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jnts @ 5652.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5663.67' KB
 CEMENT DATA: By Dowell w/128 sxs Hilift &
 tail w/259 sxs "G".

CEMENT TOP AT: 2302' KB from CBL

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 131 jts (4029.68')
 TUBING ANCHOR: 2-1/2" x 5-1/2" (2.75')
 NO. OF JOINTS: 24 jts (734.87')
 SEATING NIPPLE: 2-7/8"x1.10"
 PERF. SUB: 2-7/8"x4.15'
 MUD ANCHOR: 2-7/8" x 30.3'
 STRING LENGTH: 4802.85'
 SN at: 4781.40' KB

SUCKER RODS

POLISHED ROD: 1 - 1-1/4"x22' Polish Rod
 SUCKER RODS: 1 - 3/4"x2' Pony
 190 - 3/4"x25' Plain Rods

TOTAL STRING LENGTH: ~4768.50'

PUMP SIZE: 2-1/2 x 1-1/2 x 16 RWAC

STROKE LENGTH: 72"
 PUMP SPEED, SPM: 4
 PUMPING UNIT SIZE: Bethlehem Mod 320-212-86
 w/ AJAX E-42

LOGS: Dual Laterolog, Compensated Neutron
 Litho-Density, Dual Induction - SFL,
 Cement Bond & Gamma Ray & Collar Log

Landed @ 5663.67' KB

ACID JOB /BREAKDOWN

4630' - 4642'	11/29/93	Breakdown w/ 2% KCl water w/ 24 ball sealers. Balled off. ISIP - 1500 psi. Pump for rate @ 4.7 bpm at 2450 psi.
4736' - 4743'	11/29/93	Breakdown w/ 2% KCl water w/ ball sealers. Balled off. ISIP - 1750 psi. Pump for rate @ 4.4 bpm at 2500 psi.
4111' - 4128'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2000 psi, Max-4500 psi, ISIP - 1400 psi. Rate 6.7 bpm @ 2500 psi.
4064' - 4074'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2200 psi, MAX-4500 psi ATR-4.2 bpm, MAX-4.2 bpm, ISIP-1000 psi

FRAC JOB

4630' - 4743' KB	Western	11-30-93 : w/39,709# 16/30 mesh sand in 452 bbls of 2% KCL wtr. ATP 2369 psi, max 2890 psi. ATR 22.4 BPM, max 25.7 BPM. ISIP 2050 psi, 5 min 1620 psi, 10 min 1580 psi, 15 min 1300 psi.
4064' - 4128' KB	Western	12-3-93 : w/50,074# 16/30 mesh sand in 95 bbls 2% KCL wtr. ATP 2310 psi, max 2310 psi. ATR 24.7 BPM, max 25.2 BPM. ISIP 1700 psi, 5 min 1630 psi, 10 min 1510 psi, 15 min 1340 psi.

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

TOC @ 2302' KB

4064' - 4074'

4111' - 4120'

4630' - 4642'

4736' - 4743'

S.N. (Landed) @ 4781.4' KB

PBTD @ 5617.29' KB
 TD @ 5700' KB

Before Rework



Balcron Monument Federal #13-8
 NW SW Section 8, T9S, R17E
 2060' FSL, 694' FEL
 LEASE #U-74108
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Injection Wellbore Diagram

Elev.GR : 5323.4' GL
 Elev.KB : 5336.4' KB (13' KB)

DATE : 3/22/96 JZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jnts @ 225.83'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: By Halliburton w/150 sxs "G"
 w/2% CCL & 1/4#/sx Flocele.
 Cemented to surface.

226' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jnts @ 5652.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5663.67' KB
 CEMENT DATA: By Dowell w/128 sxs Hilift &
 tail w/259 sxs "G".

Uinta Formation Surface to 1450 ft.

CEMENT TOP AT: 2302' KB from CBL

TOC @ 2302' KB

TUBING

SIZE / GRADE / WT. : 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 129 Jts (3980.91')
 SEATING NIPPLE: 2-7/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x7.20'
 PACKER SET AT: 3995' KB

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 407
12/2/93	Schlumberger	4111' - 411
12/2/93	Schlumberger	4116' - 412
12/2/93	Schlumberger	4125' - 412
11/29/93	Schlumberger	4630' - 464
11/29/93	Schlumberger	4736' - 474

- CONVERSION: 1.) Tag fill @ 5597' KB.
 2.) TIH w/ RBP & PKR and pump filtered
 KCL water to establish injection rate
 into each zone.
 3.) Replace tbg with new 2-3/8" tbg
 from Marta-Co.
 4.) Pump PKR fluid and Set Arrow Set-1 PKR
 @ 3995'. Press. test csg to 1000 psi, Good.

Green River Formation 1450 to 5400 ft.

ARROW SET 1 PACKER
 SET AT 3995'KB

PACKER FLUID: 55 gal Champion Cortron 2383 PKR fluid
 mixed with 62 bbls 2% KCL water.

4064' - 4074'

4111' - 4114'

4116' - 4120'

4125' - 4128'

4630' - 4642'

4736' - 4743'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5617.29' KB
 TD @ 5700' KB

Wasatch Formation 5950 ft.

Post
 Rework



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:

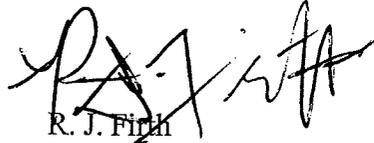
1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable 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.

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)

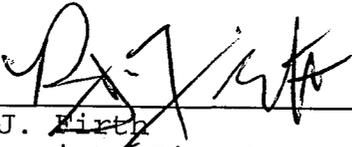
Stipulations of Permit Approval

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

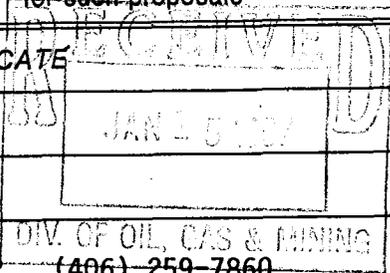
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

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

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

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

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

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

The Balceron Monument Federal # 13-8 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 460 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

Signature: *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: January 13, 1997

(This space for Federal or State Office use)

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

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

*See Instruction on Reverse Side

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/no

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	43-013-30643	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

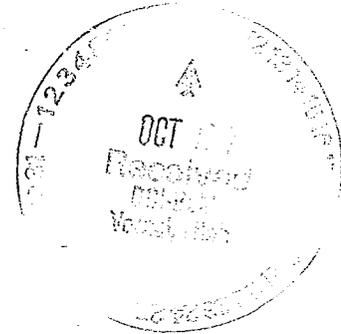
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OCT 10 1997



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.

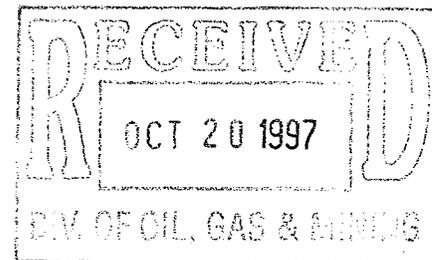
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

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

QQ, 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

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OCT 13 1997

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)

OCT 13 1997

INLAND

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

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TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

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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

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OCT 25 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 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
MONUMENT STATE #13-16B	NW SW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
MONUMENT STATE #11-16B	NW NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
MONUMENT STATE #22-16B	SE NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145 ml 3453B	UTU75023X
MONUMENT FEDERAL #31-17	NW NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
MONUMENT FEDERAL #33-17B	NW SE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
MONUMENT FEDERAL #42-17	SE NE 17 9S 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 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
POMCO #5	SW SW 17 9S 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

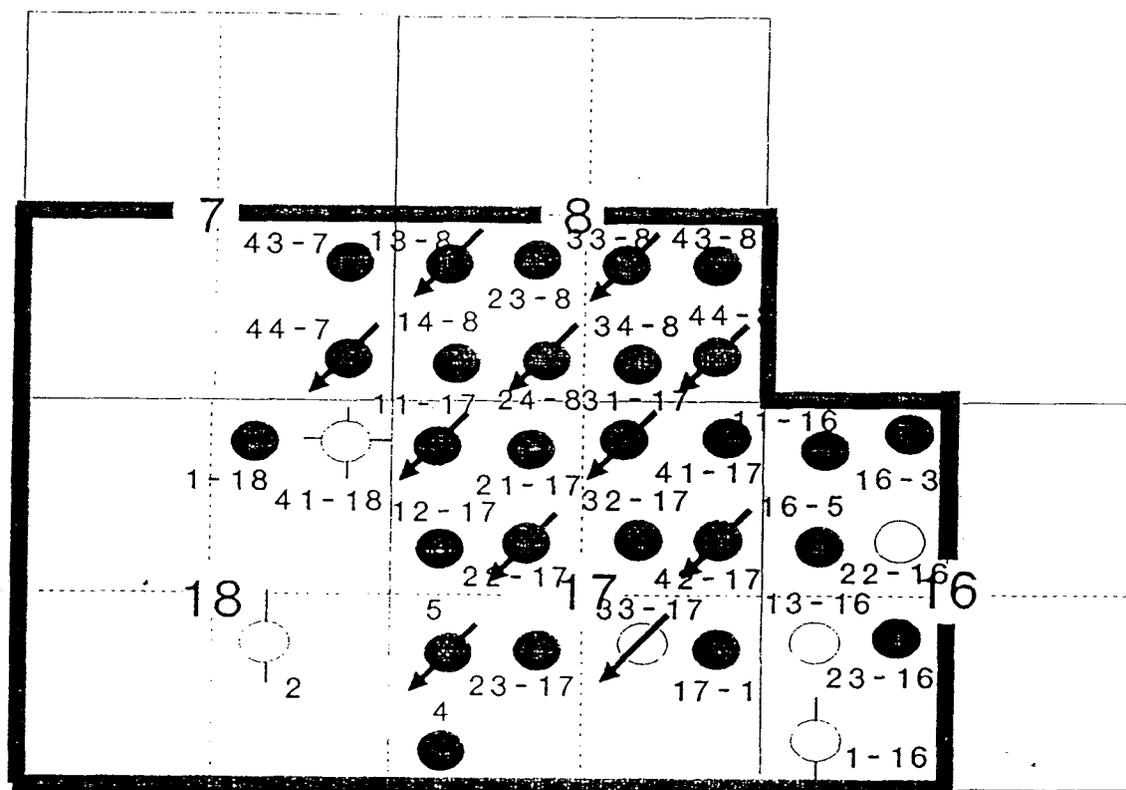
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 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	23-17-9-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCRON FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

11250

BELUGA (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



9S

17E

— UNIT OUTLINE (UTU75023X)

2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%

OPERATOR CHANGE WORKSHEET

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

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

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

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

TO: (new operator)	<u>INLAND PRODUCTION CO.</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
	Phone: <u>(435) 722-5103</u>		Phone: <u>(406) 628-4164</u>
	Account no. <u>N5160</u>		Account no. <u>N9890</u>

WELL(S) attach additional page if needed:

***BELUGA (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-D13-31382</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 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) X Quattro Pro s. DBASE (wic) 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

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

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

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. UTU-74108	
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.* See also space 17 below.) At surface NW/SW Section 8, T09S R17E 2060 FSL 694 FWL		8. FARM OR LEASE NAME MONUMENT FED 13-8-9-17	
14 API NUMBER 43-013-31382		9. WELL NO. MONUMENT FED 13-8-9-17	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5323 GR		10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SW Section 8, T09S R17E	
		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"/> 5 Year MIT	
(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 10/2/01 Mr. Al Craver w/ EPA was notified of the intent to conduct a MIT on the casing. On 10/17/01 Mr. Dennis Ingram was also contacted. On 10/17/01 the casing was pressured to 1050 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test. The well was injecting during the test.

RECEIVED
OCT 19 2001
DIVISION OF
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/18/01
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: 10-22-01
By: [Signature]

COPY SENT TO OPERATOR
Date: 10-22-01
By: [Signature]

* See Instructions On Reverse

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: U/A Date: 10/17/01
 Test conducted by: Brent Cook
 Others present: Corky Marx

Well Name: <u>BMF 13-8-9-17</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>Brluga</u>		
Location: <u>13</u> Sec: <u>8</u> T <u>9</u>	N/S R <u>17</u> E/W	County: <u>Duch</u> State: <u>Ut</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: 52 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial pressure	<u>1700</u> psig	psig	psig
End of test pressure	<u>1700</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1050</u> psig	psig	psig
5 minutes	<u>1050</u> psig	psig	psig
10 minutes	<u>1050</u> psig	psig	psig
15 minutes	<u>1050</u> psig	psig	psig
20 minutes	<u>1050</u> psig	psig	psig
25 minutes	<u>1050</u> psig	psig	psig
30 minutes	<u>1050</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



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

Come visit us on the internet at <http://www.sos.state.tx.us/>

PHONE(512) 463-5555
Prepared by: SOS-WEB

FAX(512) 463-5709

TTY7-1-1

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
QC, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
 Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
 Phone: (303) 893-0102
 Comments:

Name: Brian Harris
 Signature: *Brian Harris*
 Title: Engineering Tech.
 Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
 Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
 Phone: _____
 Comments:

Name: Brian Harris
 Signature: *Brian Harris*
 Title: Engineering Tech.
 Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Stewart*
 Title: *Perk. Services Manager*

Approval Date: 9-20-04

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

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

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

USA UTU-74108

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

BELUGA UNIT

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:

MON 13-8-9-17

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301331382

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: 2060 FSL 694 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 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: 10/10/2006	<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 checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<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.

On 9/26/06 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/10/06. On 10/10/06 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1650 psig during the test. There was not an EPA representative available to witness the test. EPA# 20798-04305 API# 43-013-31382

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 10/16/2006

(This space for State use only)

RECEIVED

OCT 17 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: 10/10/06
 Test conducted by: Trefley J. Raza
 Others present: _____

Well Name: <u>Bakken Monument Federal 13-8-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>NW/SW</u> Sec: <u>8</u> T <u>9</u> N <u>10</u> R <u>17</u> E W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure: _____ PSIG	

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

Pre-test casing/tubing annulus pressure: 0 psig

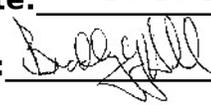
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1625</u> psig	psig	psig
End of test pressure	<u>1625</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1100</u> psig	psig	psig
5 minutes	<u>1100</u> psig	psig	psig
10 minutes	<u>1100</u> psig	psig	psig
15 minutes	<u>1100</u> psig	psig	psig
20 minutes	<u>1100</u> psig	psig	psig
25 minutes	<u>1100</u> psig	psig	psig
30 minutes	<u>1100</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input 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: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-7978
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON FED 13-8	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013313820000	
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: 2060 FSL 0694 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW 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: 9/30/2011 <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	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="5 YR MIT"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 09/14/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/30/2011 the casing was pressured up to 1455 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1772 psig during the test. There was not an EPA representative available to witness the test.</p> <p style="text-align: center;">EPA# UT20798-04305</p> <div style="text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>10/13/2011</u></p> <p>By: <u></u></p> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/5/2011	

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: 9 / 30 / 2011
 Test conducted by: Brandon Morales
 Others present: _____

Well Name: <u>13-8-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>13</u> Sec: <u>8</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Brandon Morales</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: 55 bpd

Pre-test casing/tubing annulus pressure: 0 psig

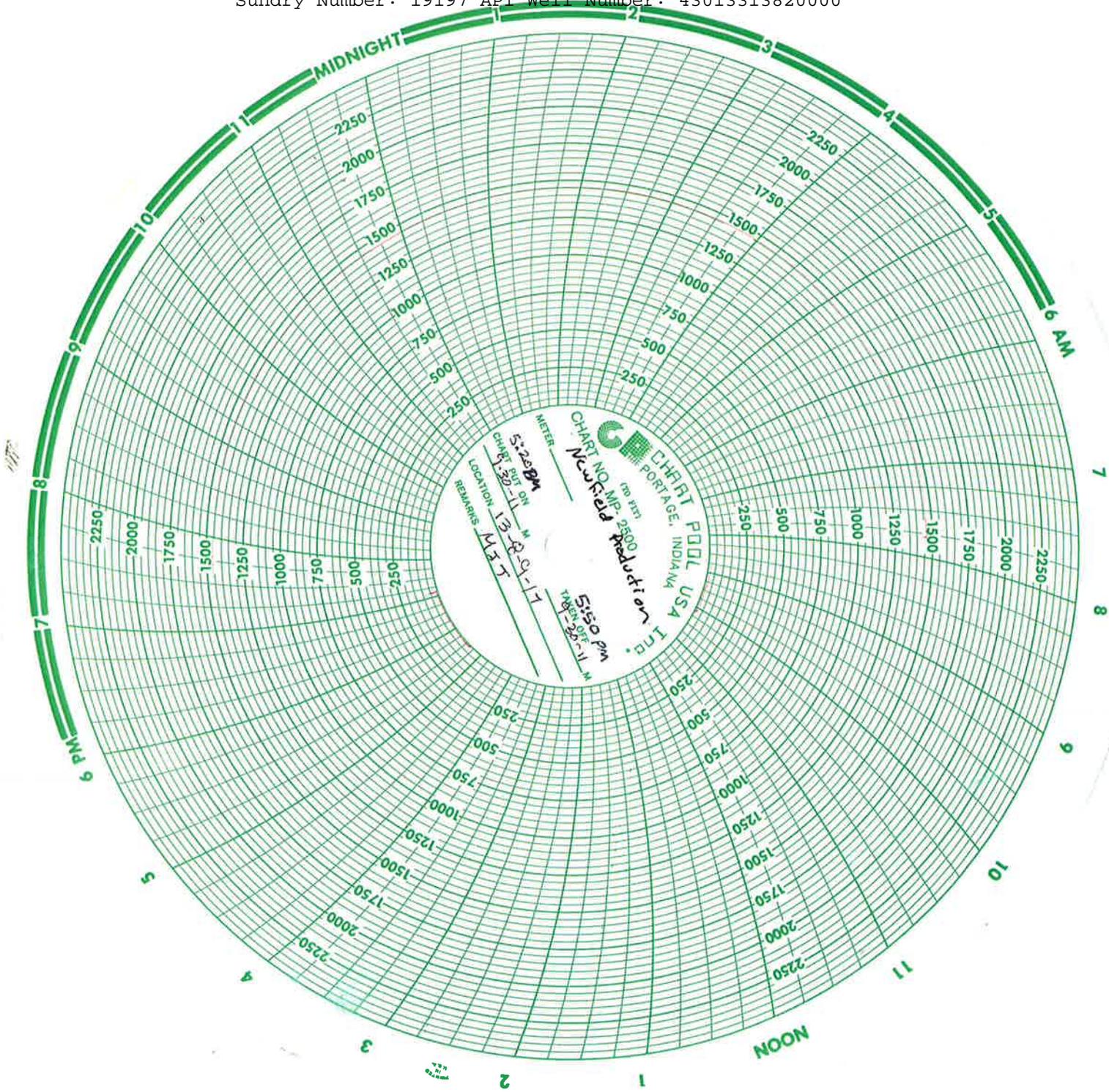
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1771</u> psig	psig	psig
End of test pressure	<u>1772</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1455</u> psig	psig	psig
5 minutes	<u>1455</u> psig	psig	psig
10 minutes	<u>1450</u> psig	psig	psig
15 minutes	<u>1450</u> psig	psig	psig
20 minutes	<u>1450</u> psig	psig	psig
25 minutes	<u>1455</u> psig	psig	psig
30 minutes	<u>1455</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



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-7978
		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 13-8
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013313820000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2060 FSL 0694 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW 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: 10/23/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Workover MIT"/>

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

The above subject well had workover procedures performed - Water Isolation/Concentric Injection. Workover MIT on the above listed well. On 10/26/2014 the csg was pressured up to 1443 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure for the 1.6 tbq was 0 psig and the tbq pressure for the 2-7/8" was 300 psig during the test. There was not a EPA representative available to witness the test. EPA # UT22197-04305

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 10, 2014**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/30/2014	

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: 10/26/14
 Test conducted by: Stephen Weight
 Others present: _____

Well Name: <u>MON. 13-8-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GMBU</u>		
Location: <u>NW/SW</u> Sec: <u>8</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Stephen Weight</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>270/300/1.6</u> psig	psig	psig
End of test pressure	<u>300/0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1443</u> psig	psig	psig
5 minutes	<u>1443</u> psig	psig	psig
10 minutes	<u>1443</u> psig	psig	psig
15 minutes	<u>1443</u> psig	psig	psig
20 minutes	<u>1443</u> psig	psig	psig
25 minutes	<u>1443</u> psig	psig	psig
30 minutes	<u>1443</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

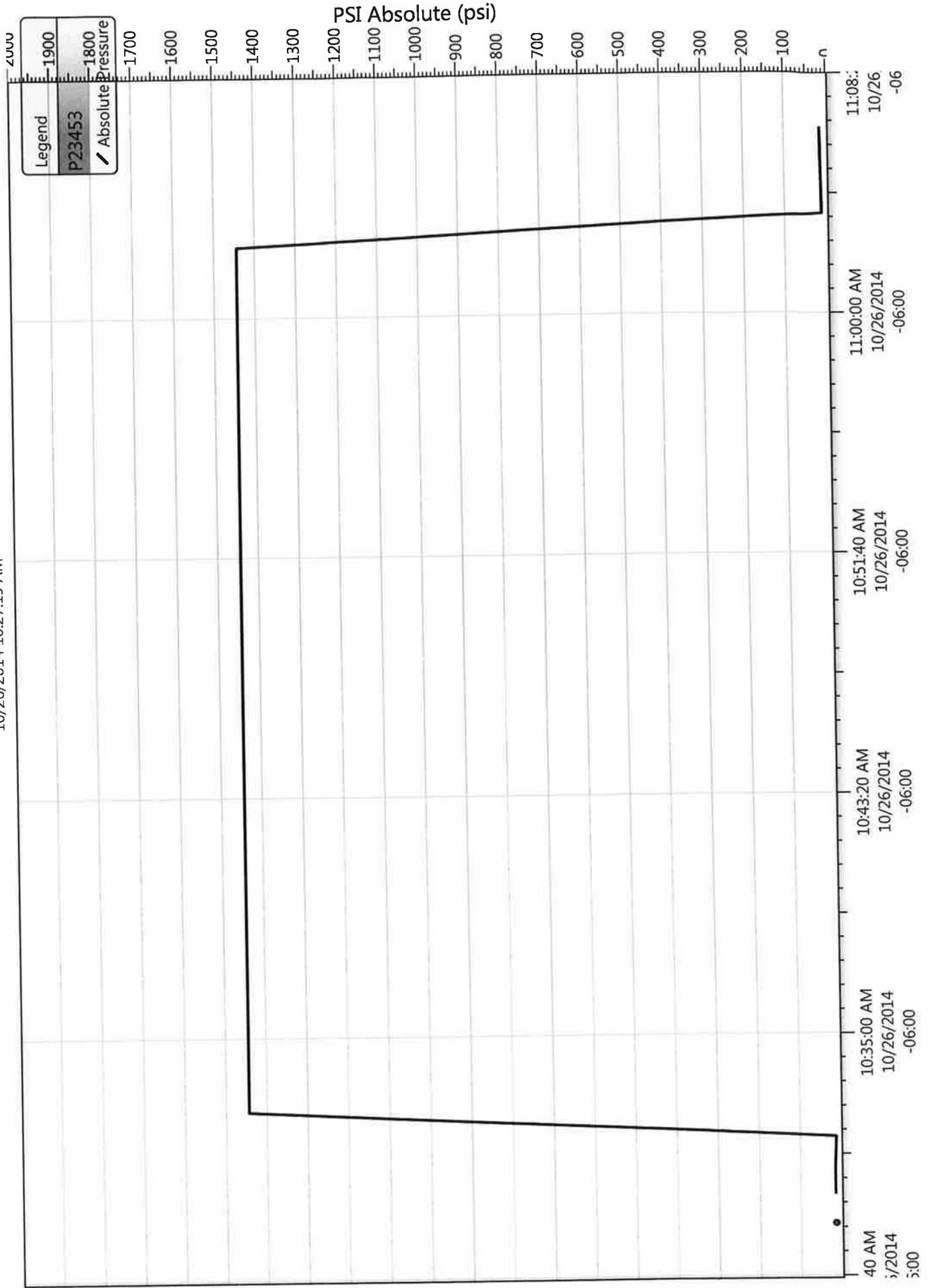
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

13-8-9-17 Rig Release

10/26/2014 10:27:19 AM





Well Name: Mon 13-8-9-17

Job Detail Summary Report

Primary Job Type	Job Start Date	Job End Date
Reconfigure Tubing / Components	10/20/2014	10/26/2014

Daily Operations		24hr Activity Summary
Report Start Date	Report End Date	MIRU
10/20/2014	14:00	18:00
10/20/2014	18:00	19:00
24hr Activity Summary		
10/21/2014	00:00	01:00
10/21/2014	01:00	02:00
10/21/2014	02:00	03:30
10/21/2014	03:30	04:30
10/21/2014	04:30	09:30
10/22/2014	09:30	13:00
10/22/2014	13:00	14:00
24hr Activity Summary		
10/22/2014	06:00	07:00
10/22/2014	07:00	09:30
10/22/2014	09:30	10:30
10/22/2014	10:30	10:45
10/22/2014	10:45	11:45
10/22/2014	11:45	13:15
10/22/2014	13:15	14:45

Comment: Load out & move from UT 15-6 To Balcron MON FED 13-8, MIRU Same Open up TBG Well getting no flowback, Press up on TBG To 2000 PSI & Held solid, try making sandline tag, Tag @ 77' Rackout sand line, CWI

Comment: Crew Travel

Comment: Crew Travel & Safety MTG

Comment: Wait on orders

Comment: PU ON TBG, PKR Slid up hole trying to lift wellhead above slips, Strip on 5000# BOPS, RU Floor & TBG Works, PU On TBG, PKR Dragging up hole REL PKR

Comment: Let elements relax,

Comment: TOOH W/ 27 JTS Working PKR up & down, trying to relax elements, TBG Plugged between JTS 27 & 28, Pump 20 BBLs H2O Down TBG W/ PSI Bouncing from 500 to 1200 PSI, Pushing silt, scale & oil out EOT CIRC 80 BBLs H2O Down CSG

Comment: 2:00 TOOH W/ 129 JTS 2 7/8" TBG, LD PSN & 5 1/2" Arrowset-1 PKR, Stopped once & flushed TBG W/ 40 BBLs H2O

Comment: PU & TIH W/ 5 1/2" Bit & Scraper, PSN & 24 JTS, CIRC Oil out of TBG W/ 25 BBLs H2O, CONT TIH W/ 105 JTS, Try pumping down TBG, PRESS Up to 2500 PSI, TOOH W/ 26 JTS, LD JTS 27 & 28, TIH W/ 26 JTS, PU 34 JTS, EOT @ 5019', CIRC 40 BBLs Down CSG, TOOH W/ 34 JTS EOT @ 3979' CWI

Comment: Crew Travel

Comment: Crew Travel & Safety mtg

Comment: CIRC 40 BBLs H2O Down CSG, RU & RIH W/ Swab, make 12 runs, Never hit any scale or debris, make 4 runs from PSN, REC 110 BBLs, RD & Rack out swab

Comment: TIH W/ 24 JTS 2 7/8" TBG, EOT @ 4740'

Comment: Wait on acid

Comment: Pump chemical & 6 BBLs 15% HCL, Chase acid to EOT W/ 27 BBLs H2O

Comment: Let acid soak

Comment: REV Acid out W/ 40 BBLs H2O, LD 6 JTS EOT @ 4564', CIRC SV TO PSN, Test TBG To 3000 PSI-OK, RET SV TOOH W/ 147 JTS 2 7/8" TBG LD 5 1/2" Bit & Scraper & PSN



Well Name: Mon 13-8-9-17

Job Detail Summary Report

Start Time	14:45	End Time	16:00	Comment
Start Time	16:00	End Time	17:15	RD Floor & TBG Works, ND 5K BOPS, Change out 3K To 5K Well head, NU 5K BOPS, RU Floor & TBG Works
Start Time	17:15	End Time	18:15	PU & TIH W/ 2 7/8" Reentry guide, 5 1/2" Arrowset-1 PKR, PBR, 6 JTS 2 7/8" TBG 6' 2 7/8" PERF SUB, 8 JTS 2 7/8" PERF SUB, PSN, 3 JTS 5 1/2" HRP PKR & 80 JTS 2 7/8" TBG, EOT @ 3060' CWI
Report Start Date	10/23/2014	Report End Date	10/23/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	TIH & Test well & PKRS
Start Time	07:00	End Time	09:15	RET SV, Test CSG & PU 1.6 TBG
Start Time	09:15	End Time	12:30	CONT TIH W/ 60 JTS 2 7/8" TBG, RD Floor & TBG Works, Strip off 5000# BOPS, Set 5 1/2" Arrowset-1 PKR W/ 5000# Tension @ 4595', Land TBG W/ Hanger, Flush TBG W/ 40 BLS H2O, CIRC SV To PSN
Start Time	12:30	End Time	13:15	Test TBG to 1500 PSI-OK
Start Time	13:15	End Time	16:45	CIRC 50 BLS Fresh H2O & PKR Fluid down CSG, Set 5 1/2" HRP PKR W/ 2400 PSI @ 4029', Test TBG & PKR To 3000 PSI
Start Time	16:45	End Time	17:45	Test TBG & PKR To 3000 PSI, Lost 25 PSI in last 30 MIN, Leave PRESS Overnight SDFN
Report Start Date	10/24/2014	Report End Date	10/24/2014	24hr Activity Summary
Start Time	06:00	End Time	07:00	Ck Press
Start Time	07:00	End Time	10:30	Crew Travel & Safety MTG
Start Time	10:30	End Time	15:30	CK PRESS 2800 psi, Try RET SV, Stacked out @ 90', PU 15 jts 1.6 TBG, CIRC Oil out, TOOH W/ 15 JTS 1.6 TBG, RU & RIH W/ Sandline RET SV, Pooch & rack out sandline
Start Time	15:30	End Time	16:30	PU & Talley Stinger, 1.6 x 1.90 X-over & 141 JTS 1.6 TBG, Tag PBR @ 4591' LD 2 JTS, Space out W/ 1-8' 1.6 TBG SUB, PU 1 JT 1.6 TBG, Land TBG W/ Hanger W/ 3K Compression, RD Floor & TBG Works, NU wellhead, CWI @ 3:30
Report Start Date	10/26/2014	Report End Date	10/26/2014	24hr Activity Summary
Start Time	10:30	End Time	11:00	Conduct MIT
<p>Workover MIT on the above listed well. On 10/26/2014 the csg was pressured up to 1443 psig and chanted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure for the 1.6 tbg was 0 psig and the tbg pressure for the 2-7/8" was 300 psig during the test. There was not a EPA representative available to witness the test. EPA # UT22197-04305</p>				

NEWFIELD

Schematic

Well Name: Mon 13-8-9-17

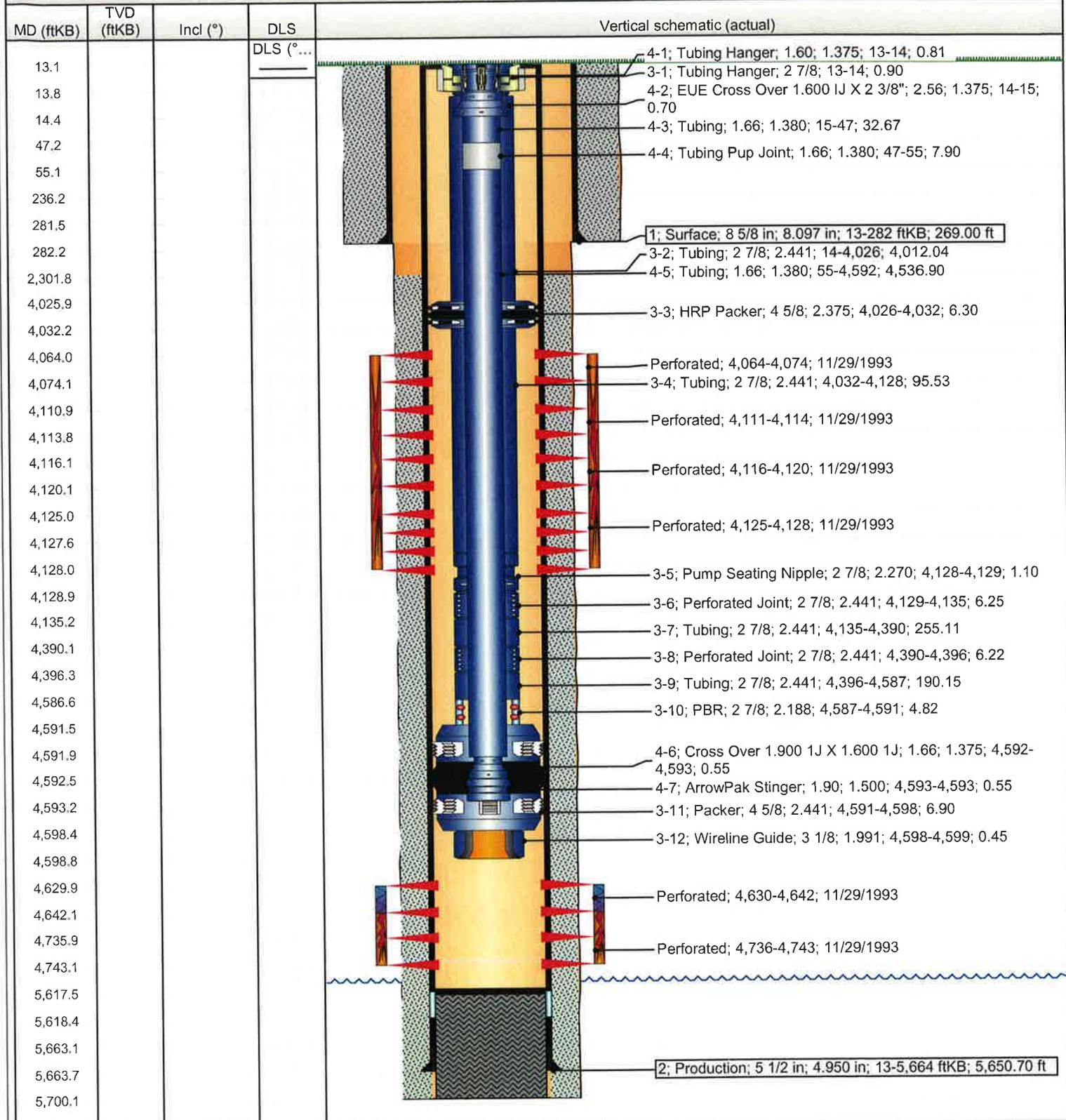
Surface Legal Location 08-9S-17E		API/UWI 43013313820000	Well RC 500151609	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 10/27/1993	Rig Release Date 11/25/1993	On Production Date 12/17/1993	Original KB Elevation (ft) 5,336	Ground Elevation (ft) 5,323	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,617.3	

Most Recent Job

Job Category Production / Workover	Primary Job Type	Secondary Job Type N/A	Job Start Date 10/20/2014	Job End Date 10/26/2014
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TD: 5,700.0

Vertical - Original Hole, 10/27/2014 10:11:59 AM



NEWFIELD

Newfield Wellbore Diagram Data
Mon 13-8-9-17

Surface Legal Location 08-9S-17E		API/UWI 43013313820000		Lease	
County DUCHESENE		State/Province Utah		Field Name GMBU CTB6	
Well Start Date 10/27/1993		Spud Date 10/27/1993		Final Rig Release Date 11/25/1993	
Original KB Elevation (ft) 5,336		Ground Elevation (ft) 5,323		Total Depth (ftKB) 5,700.0	
				Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,617.3	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/27/1993	8 5/8	8.097	24.00	J-55	282
Production	11/25/1993	5 1/2	4.950	15.50	J-55	5,664

Cement

String: Surface, 282ftKB 10/28/1993

Cementing Company Halliburton Energy Services		Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 282.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description By Halliburton w/150 sxs "G"w/2% CCL & Cemented to surface.		Fluid Type Lead	Amount (sacks) 150	Class G	Estimated Top (ftKB) 13.0

String: Production, 5,664ftKB 11/25/1993

Cementing Company Dowell		Top Depth (ftKB) 2,302.0	Bottom Depth (ftKB) 5,700.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 128	Class Hilift	Estimated Top (ftKB) 2,302.0
Fluid Description		Fluid Type Tail	Amount (sacks) 259	Class G	Estimated Top (ftKB) 4,000.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					10/24/2014	4,598.8			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing Hanger		2 7/8				0.90	13.0	13.9	
Tubing	130	2 7/8	2.441	6.50	J-55	4,012.04	13.9	4,025.9	
HRP Packer	1	4 5/8	2.375			6.30	4,025.9	4,032.2	
Tubing	3	2 7/8	2.441	6.50	J-55	95.53	4,032.2	4,127.8	
Pump Seating Nipple		2 7/8	2.270			1.10	4,127.8	4,128.9	
Perforated Joint	1	2 7/8	2.441	6.50	J-55	6.25	4,128.9	4,135.1	
Tubing	8	2 7/8	2.441	6.50	J-55	255.11	4,135.1	4,390.2	
Perforated Joint	1	2 7/8	2.441	6.50	J-55	6.22	4,390.2	4,396.5	
Tubing	6	2 7/8	2.441	6.50	J-55	190.15	4,396.5	4,586.6	
PBR	1	2 7/8	2.188			4.82	4,586.6	4,591.4	
Packer	1	4 5/8	2.441			6.90	4,591.4	4,598.3	
Wireline Guide	1	3 1/8	1.991			0.45	4,598.3	4,598.8	

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					10/24/2014	4,593.1			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing Hanger	1	1.6	1.375			0.81	13.0	13.8	
EUE Cross Over 1.600 IJ X 2 3/8"		2.56	1.375			0.70	13.8	14.5	
Tubing	1	1.66	1.380	2.30	J-55	32.67	14.5	47.2	
Tubing Pup Joint	1	1.66	1.380			7.90	47.2	55.1	
Tubing	139	1.66	1.380	2.30	J-55	4,536.90	55.1	4,592.0	
Cross Over 1.900 1J X 1.600 1J	1	1.66	1.375			0.55	4,592.0	4,592.5	
ArrowPak Stinger	1	1.9	1.500			0.55	4,592.5	4,593.1	

Rod Strings

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

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
2	<zonename>, Original Hole	4,064	4,074	2			11/29/1993
2	<zonename>, Original Hole	4,111	4,114	2			11/29/1993
2	<zonename>, Original Hole	4,116	4,120	2			11/29/1993
2	<zonename>, Original Hole	4,125	4,128	2			11/29/1993
1	<zonename>, Original Hole	4,630	4,642	1			11/29/1993
1	<zonename>, Original Hole	4,736	4,743	2			11/29/1993

NEWFIELD

**Newfield Wellbore Diagram Data
Mon 13-8-9-17**



Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
2	1,750						
1	1,500						
3	2,050		26.0	2,890			
4	1,400		6.7	4,500			
5	1,000		4.2	4,500			
6	1,700		25.2	2,310			
7							
7							

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		
1		
3		Proppant Bulk Sand 39706 lbs
4		
5		
6		Proppant Bulk Sand 50074 lbs
7		
7		



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

WELL NAME: Balcron Monument Federal #13-8
FIELD: Monument Butte
FEDERAL LEASE NO.: U-007978
LOCATION: NW SW Section 8, T9S, R17E
FOOTAGE: 2060' FSL, 694' FEL
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 0.91491728
PRODUCING FORMATION: Green River
COMPLETION DATE: 12-17-93
INITIAL PRODUCTION: 60 BO
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: Oil Well
ELEVATIONS - GROUND: 5323.4' GL
TOTAL DEPTH: 5700' KB

DATE : 11/2/95 vk

API NO.: 43-013-31382

NET REVENUE INTEREST: 0.80471769 Oil
0.73108274 Gas
SPUD DATE: 10-27-93

KB: 5336.4' KB (13' KB)
PLUG BACK TD: 5617.29' KB from Comp. Report

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 jnts @ 225.83'
HOLE SIZE: 12-1/4"
DEPTH LANDED: 282' KB
CEMENT DATA: By Halliburton w/150 sxs "G"
w/2% CCL & 1/4#/sx Flocele.
Cemented to surface.

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 128 jnts @ 5652.67'
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5663.67' KB
CEMENT DATA: By Dowell w/128 sxs Hillift &
tall w/259 sxs "G".
CEMENT TOP AT: 2302' KB from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 131 jts (4029.68')
TUBING ANCHOR: 2-1/2" x 5-1/2" (2.75')
NO. OF JOINTS: 24 jts (734.87')
SEATING NIPPLE: 2-7/8"x1.10'
PERF. SUB: 2-7/8"x4.15'
MUD ANCHOR: 2-7/8" x 30.3'
STRING LENGTH: 4802.85'
SN at: 4781.40' KB

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

SUCKER ROD RECORD

POLISHED ROD: 1-1/4"x22' Polish Rod
SUCKER RODS: 1 - 3/4"x2' Pony
190 - 3/4"x25' Plain
TOTAL STRING LENGTH: ~4768.50'
PUMP SIZE: 2-1/2 x 1-1/2 x 16 RWAC
STROKE LENGTH: 72"
PUMP SPEED, SPM: 4
PUMPING UNIT SIZE: Bethlehem Mod 320-212-86
w/ AJAX E-42
LOGS: Dual Laterolog, Compensated Neutron
Litho-Density, Dual Induction - SFL,
Cement Bond & Gamma Ray & Collar Log

**ACID JOB / BREAKDOWN JOB
SEE ATTACHMENT**

FRAC JOB

4630' - 4642' KB Western & 4736' - 4743'	11-30-93 : w/39,709# 16/30 mesh sand in 452 bbls of 2% KCL wtr. ATP 2369 psi, max 2890 psi. ATR 22.4 BPM, max 25.7 BPM. ISIP 2050 psi, 5 min 1620 psi, 10 min 1580 psi, 15 min 1300 psi.
4064' - 4074' KB Western & 4111' - 4114' & 4116' - 4120' & 4125' - 4128'	12-3-93 : w/ 50,074 # 16/30 mesh sand in 95 bbls 2% KCL wtr. ATP 2310 psi, max 2310 psi. ATR 24.7 BPM, max 25.2 BPM. ISIP 1700 psi, 5 min 1630 psi, 10 min 1510 psi, 15 min 1340 psi.



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

Balcron Monument Federal #13-8
NW SW Section 8, T9S, R17E
LEASE #U-007978
Monument Butte Field
Duchesne County, Utah

11/2/95 vk

WELLDATA INFORMATION

PAGE TWO

ACID JOB / BREAKDOWN JOB

4630' - 4642'	11/29/93	Breakdown w/ 2% KCl water w/ 24 ball sealers. Balled off. ISIP - 1500 psi. Pump for rate @ 4.7 bpm at 2450 psi.
4736' - 4743'	11/29/93	Breakdown w/ 2% KCl water w/ ball sealers. Balled off. ISIP - 1750 psi. Pump for rate @ 4.4 bpm at 2500 psi.
4111' - 4128'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2000 psi, Max-4500 psi, ISIP - 1400 psi. Rate 6.7 bpm @ 2500 psi.
4064' - 4074'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2200 psi, MAX-4500 psi ATR-4.2 bpm, MAX-4.2 bpm, ISIP-1000 psi

WELLBORE DIAGRAM

Elev. - 5323.4' GL
Elev. KB - 5336.4' KB (13'KB)

DATE: 11/2/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 ints @ 225.83'
HOLE SIZE: 12-1/4"
DEPTH LANDED: 282' KB
CEMENT DATA: By Halliburton w/150 sxs "G"
w/2% CCL & 1/4#sax Flocele.
Cemented to surface.

226' KB

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 128 ints @ 5652.67'
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5663.67' KB
CEMENT DATA: By Dowell w/128 sxs Hillift &
tail w/259 sxs "G".

CEMENT TOP AT: 2302' KB from CBL

TUBING

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
NO. OF JOINTS: 131 jts (4029.68')
TUBING ANCHOR: 2-1/2" x 5-1/2" (2.75')
NO. OF JOINTS: 24 jts (734.67')
SEATING NIPPLE: 2-7/8"x1.10'
PERF. SUB: 2-7/8"x4.15'
MUD ANCHOR: 2-7/8" x 30.3'
STRING LENGTH: 4802.85'
SN at: 4781.40' KB

TOC @ 2302' KB

SUCKER RODS

POLISHED ROD: 1 - 1-1/4"x22' Polish Rod
SUCKER RODS: 1 - 3/4"x2' Pony
190 - 3/4"x25' Plain Rods

TOTAL STRING LENGTH: -4768.50'

PUMP SIZE: 2-1/2 x 1-1/2 x 16 RWAC

STROKE LENGTH: 72"
PUMP SPEED, SPM: 4
PUMPING UNIT SIZE: Bethlehem Mod 320-212-86
w/ AJAX E-42

LOGS: Dual Laterolog, Compensated Neutron
Litho-Density, Dual Induction - SFL,
Cement Bond & Gamma Ray & Collar Log

Landed @ 5663.67' KB

ACID JOB /BREAKDOWN

4630' - 4642'	11/29/93	Breakdown w/ 2% KCl water w/ 24 ball sealers. Balled off. ISIP - 1500 psi. Pump for rate @ 4.7 bpm at 2450 psi.
4736' - 4743'	11/29/93	Breakdown w/ 2% KCl water w/ ball sealers. Balled off. ISIP - 1750 psi. Pump for rate @ 4.4 bpm at 2500 psi.
4111' - 4128'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2000 psi, Max-4500 psi, ISIP - 1400 psi. Rate 6.7 bpm @ 2500 psi.
4064' - 4074'	12/2/93	Breakdown w/ 2% KCl water w/ 40 ball sealers. Balled off. ATP-2200 psi, MAX-4500 psi ATR-4.2 bpm, MAX-4.2 bpm, ISIP-1000 psi

FRAC JOB

4630' - 4743' KB	Western	11-30-93 : w/39,709# 16/30 mesh sand in 452 bbis of 2% KCL wr. ATP 2369 psi, max 2890 psi. ATR 22.4 BPM, max 25.7 BPM. ISIP 2050 psi, 5 min 1620 psi, 10 min 1580 psi, 15 min 1300 psi.
4064' - 4128' KB	Western	12-3-93 : w/50,074# 16/30 mesh sand in 95 bbis 2% KCL wr. ATP 2310 psi, max 2310 psi. ATR 24.7 BPM, max 25.2 BPM. ISIP 1700 psi, 5 min 1630 psi, 10 min 1510 psi, 15 min 1340 psi.

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

4064' - 4074'

4111' - 4120'

4630' - 4642'

4736' - 4743'

S.N. (Landed) @ 4781.4' KB

PBTD @ 5617.29' KB
TD @ 5700' KB



Balcron Monument Federal #13-8
 NW SW Section 8, T9S, R17E
 LEASE #U-007978
 Monument Butte Field (Beluga Unit)
 Duchesne County, Utah

Proposed Injection Wellbore Diagram

Elev.GR : 5323.4' GL
 Elev.KB : 5336.4' KB (13' KB)

DATE : 3/22/96 JZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jnts @ 225.83'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: By Halliburton w/150 sxs "G" w/2% CCL & 1/4#/sx Flocele.
 Cemented to surface.

226' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jnts @ 5652.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5683.67' KB
 CEMENT DATA: By Dowell w/128 sxs Hillift & tall w/259 sxs "G".

CEMENT TOP AT: 2302' KB from CBL

Uinta Formation Surface to 1450 ft.

TOC @ 2302' KB

TUBING

SIZE / GRADE / WT. : 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 3991'
 SEATING NIPPLE: 2-7/8" X 1.1'
 ARROW SET 1 PACKER: 5-1/2" X 4"
 PACKER SET AT: 4004' KB

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

Green River Formation 1450 to 5400 ft.

ARROW SET 1 PACKER
 SET AT 4004' KB

4064' - 4074'

4111' - 4120'

4630' - 4642'

4736' - 4743'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5617.29' KB
 TD @ 5700' KB

Wasatch Formation 5950 ft

Proposed Plugging & Abandonment Diagram

Elev.GR : 5323.4' GL
 Elev.KB : 5336.4' KB (13' KB)

DATE : 3/22/96 JZ

Permanent P&A marker w/ identifying well information.

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jnts @ 225.83'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: By Halliburton w/150 sxs "G"
 w/2% CCL & 1/4#/sxs Flocele.
 Cemented to surface.

228' KB

Plug No.2 Surface to 326 ft.
 Perforate csg at 100 ft below
 the surface csg shoe & circulate
 100 sx of Class-G Cement

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jnts @ 5652.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5663.67' KB
 CEMENT DATA: By Dowell w/128 sxs Hilift &
 tail w/259 sxs "G".
 CEMENT TOP AT: 2302' KB from CBL

Uinta Formation Surface to 1450 ft.

TOC @ 2302' KB

PERFORATION RECORD

12/2/93	Schlumberger	4064' - 4074'	(10')	2 SPF	Y2
12/2/93	Schlumberger	4111' - 4114'	(3')	2 SPF	Y3
12/2/93	Schlumberger	4116' - 4120'	(4')	2 SPF	Y3
12/2/93	Schlumberger	4125' - 4128'	(3')	2 SPF	Y3
11/29/93	Schlumberger	4630' - 4642'	(12')	1 SPF	R2
11/29/93	Schlumberger	4736' - 4743'	(7')	2 SPF	R5

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 perms. 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.

Green River Formation 1450 to 5400 ft.

Plug No.1 TD to 3764 ft.
 260 sx of Class-G Cement

4064' - 4074'

4111' - 4120'

4630' - 4642'

4736' - 4743'

Douglas Creek Member 4550 to 5400 ft.
 Wasatch Fm. Transition 5400 to 5950 ft.

PBTD @ 5617.29' KB
 TD @ 5700' KB

Wasatch Formation 5950 ft.