



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

June 21 1995

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells:

Balcron Monument Federal #12-10-9-17Y

Balcron Monument Federal #21-10-9-17Y

As Operator, we hereby request that the status of these wells be held tight for the maximum period allowed by regulations.

Archeological surveys have been ordered on these wells, and the reports will be sent to you as soon as they have been completed.

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

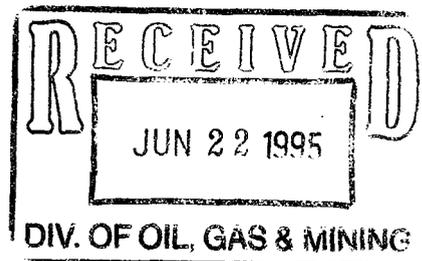
Sincerely,

**Bobbie Schuman
Regulatory and
Environmental Specialist**

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
Federal #U-65210

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.
#12-10-9-17Y

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

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 10, T9S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
SW. NW Section 10, T9S, R17E 1994' FNL, 618' FWL

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

10. 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.

19. PROPOSED DEPTH
5,600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,158' GL

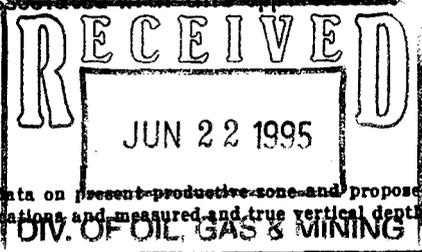
22. APPROX. DATE WORK WILL START*
10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

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

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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.



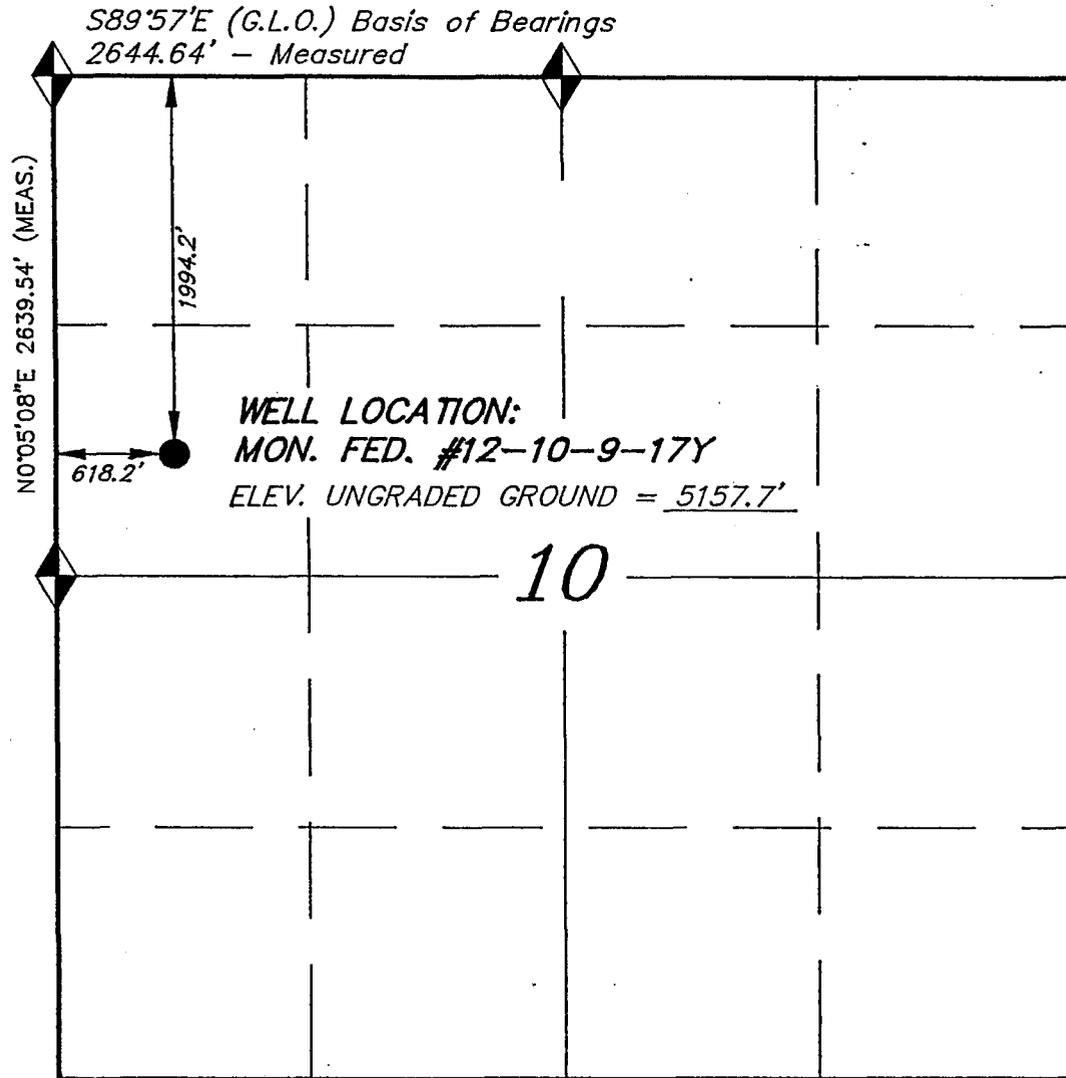
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED Robbie Schuman TITLE Regulatory and Environmental Specialist DATE June 21, 1995

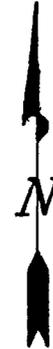
(This space for Federal or State office use)
 PERMIT NO. 43-013-31536 APPROVAL DATE _____
 APPROVED BY J.P. Matthews TITLE Section Engineer DATE 10/12/95
 CONDITIONS OF APPROVAL, IF ANY:

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

EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, MONUMENT FEDERAL #12-10-9-17Y, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 10, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 144702
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
 38 EAST 100 SOUTH, CERRIL, UTAH 84078
 (801) 737-2501

◆ = SECTION CORNERS LOCATED
 BASIS OF BEARINGS; G.L.O. DATED 1909
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

SCALE: 1" = 1000'	SURVEYED BY: GS DA
DATE: 5/24/95	WEATHER: RAINY & COOL
NOTES:	FILE 12-10YL

EXHIBIT "K"

EXHIBITS

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

6/19/95

CONFIDENTIAL

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

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

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #12-10-9-17Y
SW NW Section 10, T9S, R17E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

Drilling Program/Casing Design (EXHIBIT "D")

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

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

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #12-10-9-17Y
SW NW Section 10, T9S, R17E
Uintah County, Utah

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

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for approximately 14.0 miles to the location which is on the Northwest side of the existing road.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

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

- a. No new acces is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility Diagram.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

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

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

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

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".

- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the North side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the East side between Corners 6 and 7.
- h. Access to the wellpad will be from the West between corners 2 and 3.
- i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

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

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed and all trash will be removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

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

14. CERTIFICATION:

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

June 21, 1995
Date

Bobbie Schuman
Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, Balcron Oil Division

/rs

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name BALCRON MONUMENT FEDERAL #12-10-9-17Y Exploratory Control Well BMF #22-10Y
 Location SWNW SEC 10-T9S-R17E (1994' FNL, 618' FWL) Development X Operator EREC
 County DUCHESNE Field KB 5131
 State UTAH Section SWNW 10 Section SENW 10
 Total Depth 5600 Township 9S Township 9S
 GL (Ung) 5158 EST. KB 5167 Range 17E Range 17E

Formation	Prognosis		Sample Top		Control Well High/Low		Deviation
	Depth	Datum	Depth	Datum	Datum	Prog Cntl	
UINTA	SURFACE						
GREEN RIVER	1349	3818			3798		
HORSEBENCH SS	2130	3037			3017		
2ND GARDEN GULCH	3743	1424			1404		
Y-2 SAND (PAY)	4014	1153			1133		
Y-3 SAND (PAY)	4054	1113			1093		
YELLOW MARKER	4353	814			794		
DOUGLAS CREEK	4518	649			629		
R-2 SAND (PAY)	4613	554			534		
R-5 SAND (PAY)	4705	462			442		
2ND DOUGLAS CREEK	4753	414			394		
GREEN MARKER	4891	276			256		
G-5 SAND (PAY)	5028	139			119		
BLACK SHALE FACIES	5140	27			7		
CARBONATE MARKER	5341	-174			-194		
B-1 SAND (PAY)	5372	-205			-225		
TD	5600						

Samples
50' FROM 1300' TO 3700'
30' FROM 3700' TO TD
5' THROUGH EXPECTED PAYS
5' THROUGH DRILLING BREAKS

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

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

Logs
DLL FROM SURF CSG TO TD
LDT/CNL FROM 3400' TO TD

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

Mud Logger/Hot Wire
 Company:
 Required: (Yes/No) YES
 Type: TWO MAN
 Logger:
 Phone #
 Fax #

Comments:

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406)259-7860 wk. 245-2261 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.
 Prepared By: K.K. REINSCHMIDT 6/15/95 Phone # wk. hm.



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

DRILLING PROGRAM

WELL NAME: Balcron Monument Fed.#12-10-9-17Y
PROSPECT/FIELD: Monument Butte
LOCATION: SW NW Section 10 Twn. 9S Rge. 17E
COUNTY: Duchesne
STATE: Utah

DATE: 6-15-95

TOTAL DEPTH: 5600'

HOLE SIZE INTERVAL

12 1/4"	Surface to 260'
7 7/8"	260' to 5600'

CASING

INTERVAL

CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260'	8 5/8"	24	J55
Production Casing	0	5600'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surf.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

PRELIMINARY

DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0	260'	N.A.	N.A.	N.A.
Air/Airmist/KCl wtr	260'	5600'	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No Cores or DSTs are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: #12-10-9-17Y
Project ID:	Location: Duchesne/utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 2058 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	5,600	5-1/2"	15.50	K-55	ST&C	5,600	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	2618	4040	1.543	2618	4810	1.84	86.80	222	2.56 J

Prepared by : McCoskery, Billings, MT
 Date : 06-16-1995
 Remarks :

Minimum segment length for the 5,600 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,618 psi, respectively.

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

EXHIBIT E

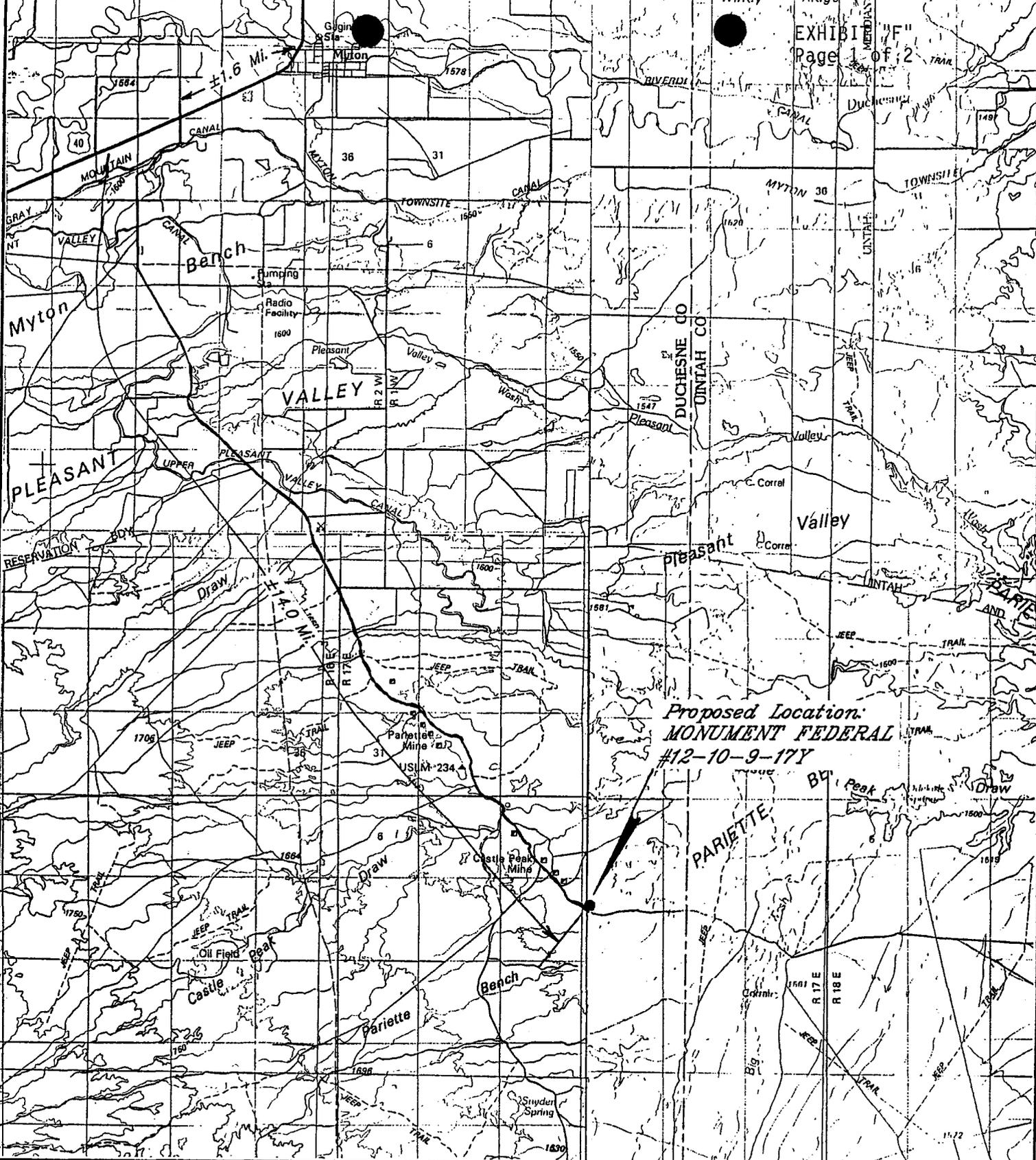
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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

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

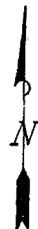
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

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

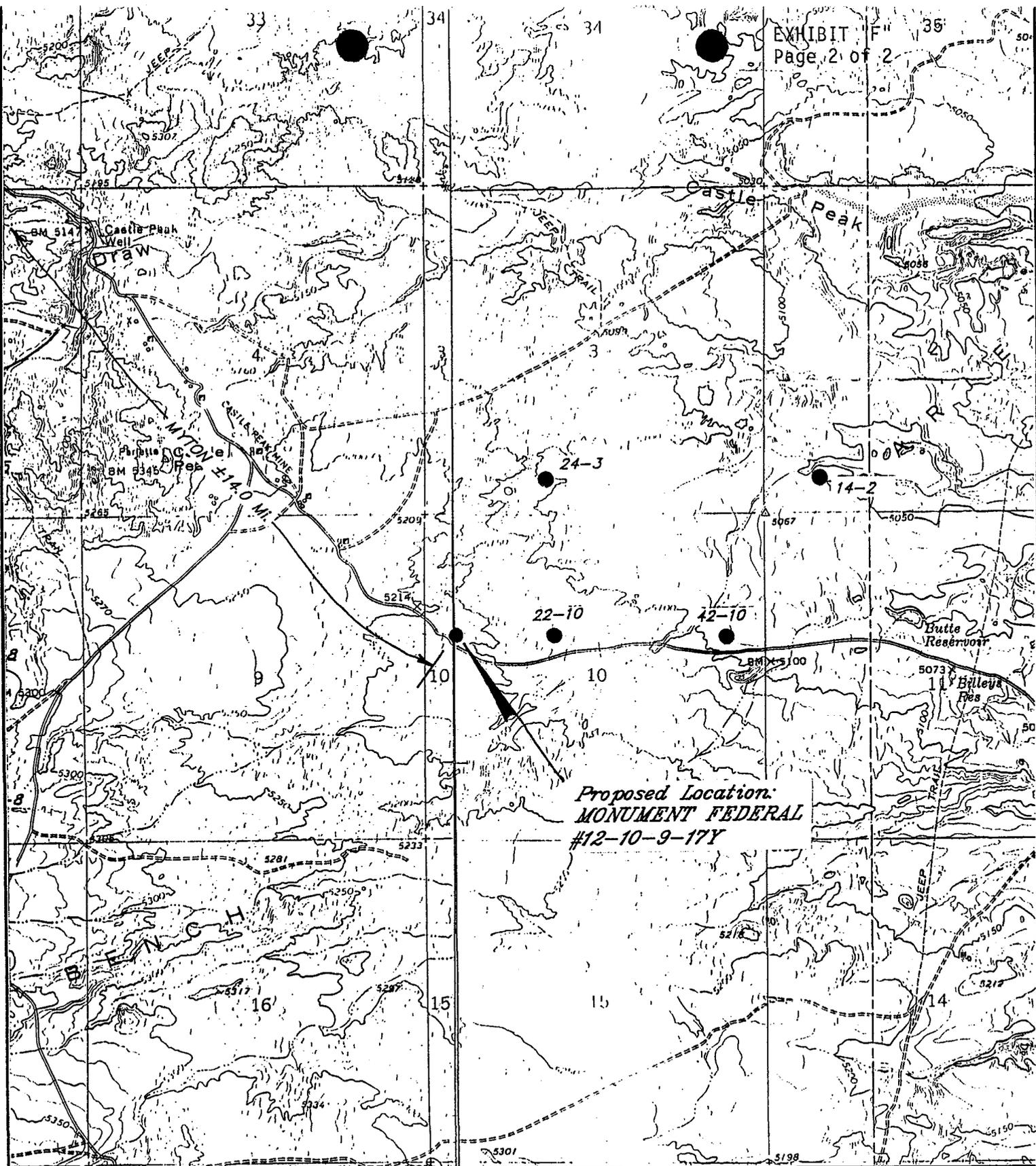


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-10-9-17Y
 SEC. 10, T9S, R17E, S.L.B.&M.
 TOPO "A"



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



Proposed Location:
MONUMENT FEDERAL
#12-10-9-17Y

EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-10-9-17Y
SEC. 10, T9S, R17E, S.L.B.&M.
TOPO "B"

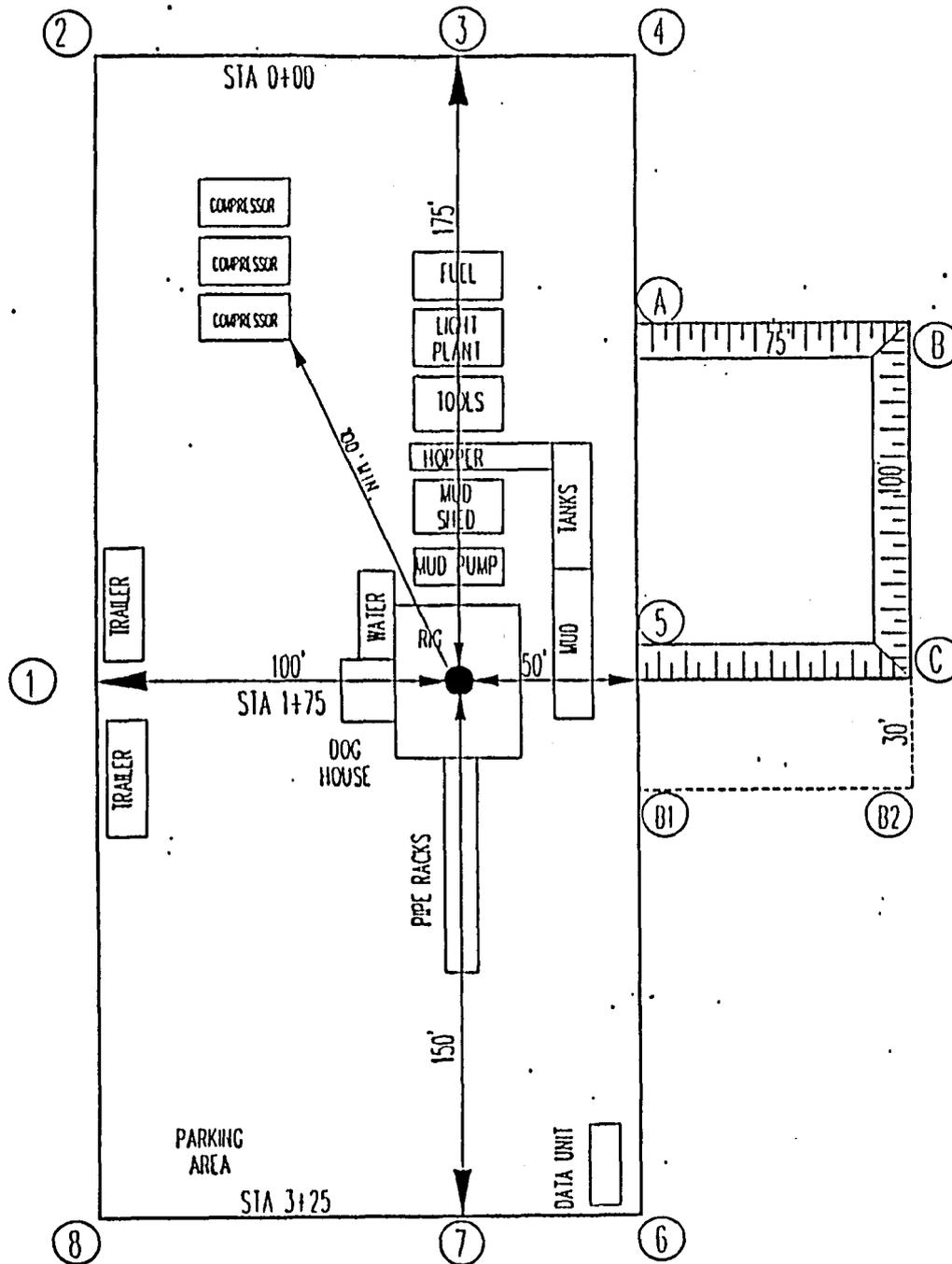


Tri State
Land Surveying, Inc.
(801) 781-2501

SCALE: 1" = 2000'

38 WEST 100 NORTH VERNAL, UTAH 84078

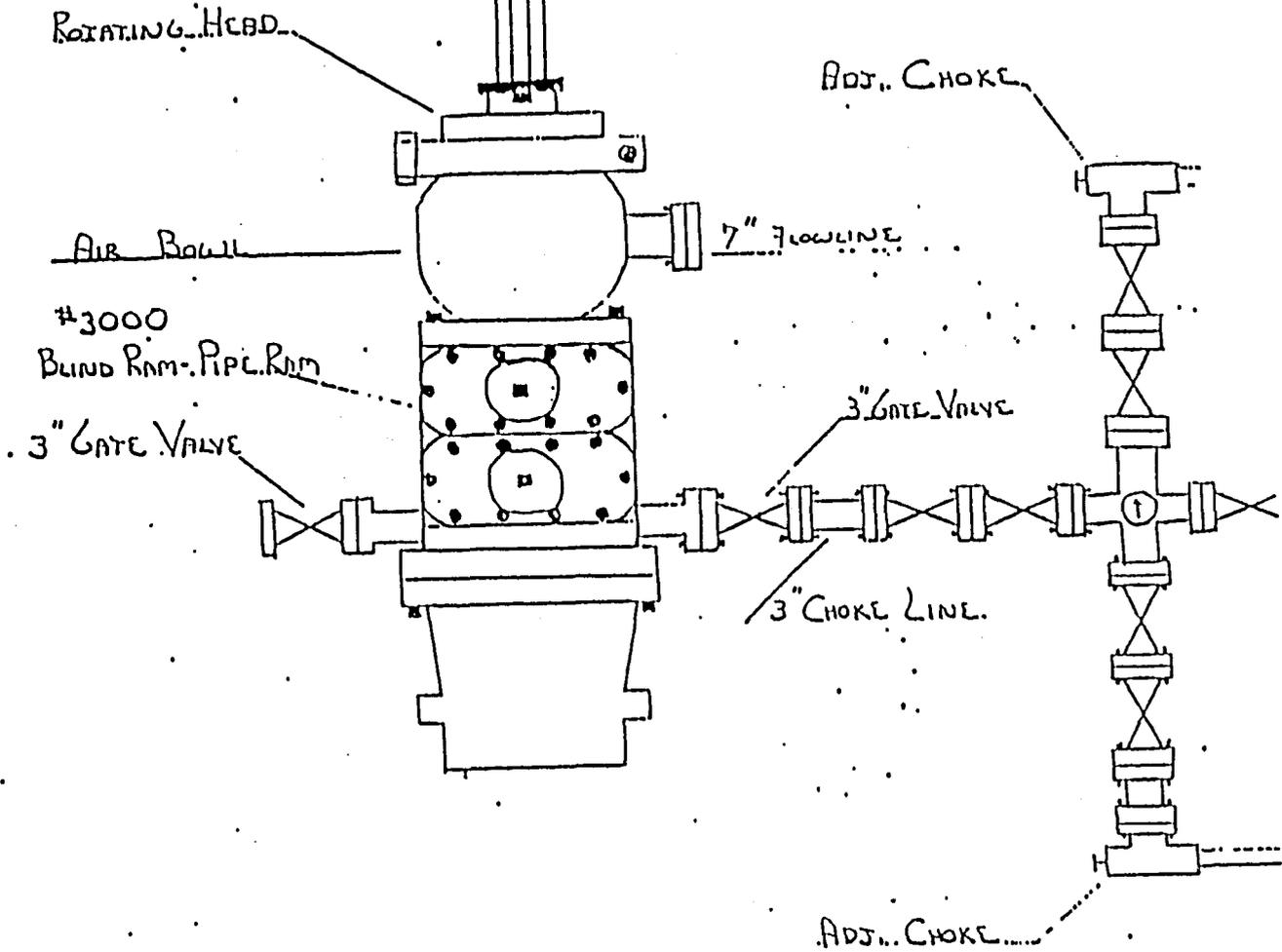
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



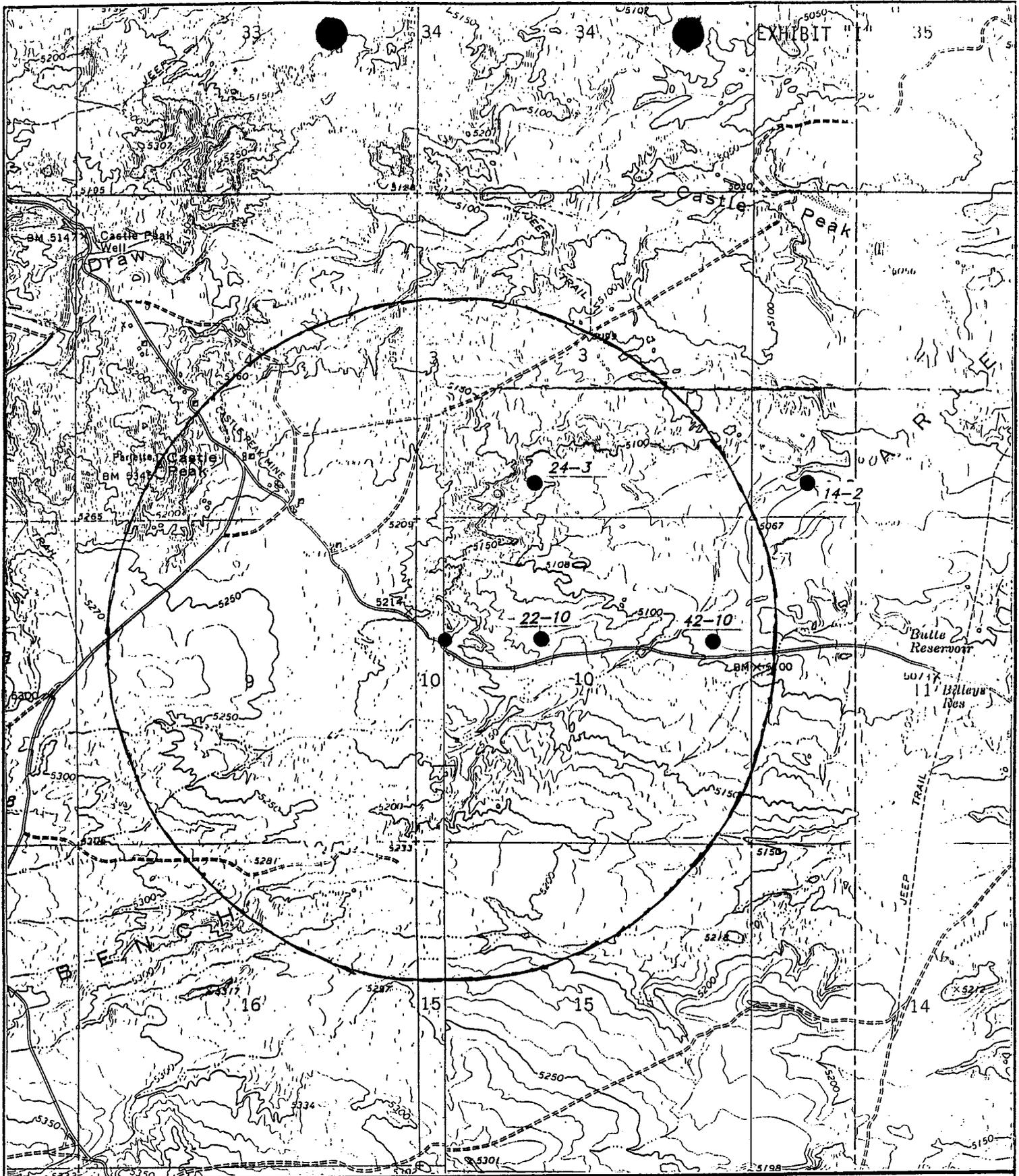
TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

UNION DRILLING RIG #17

Hex Kelly

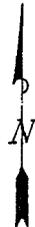


#3000 Stack



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-10-9-17Y
 SEC. 10, T9S, R17E, S.L.B.&M.
 TOPO "C"



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

Equitable Resources Energy Company
 Balcron Federal 12-10-9-17Y
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Federal 12-10-9-17Y
 SW NW Sec. 10, T9S, R17E
 Duchesne County, Utah
 Federal Lease #U-65210
 1994' FNL, 618' FWL

Access Road



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

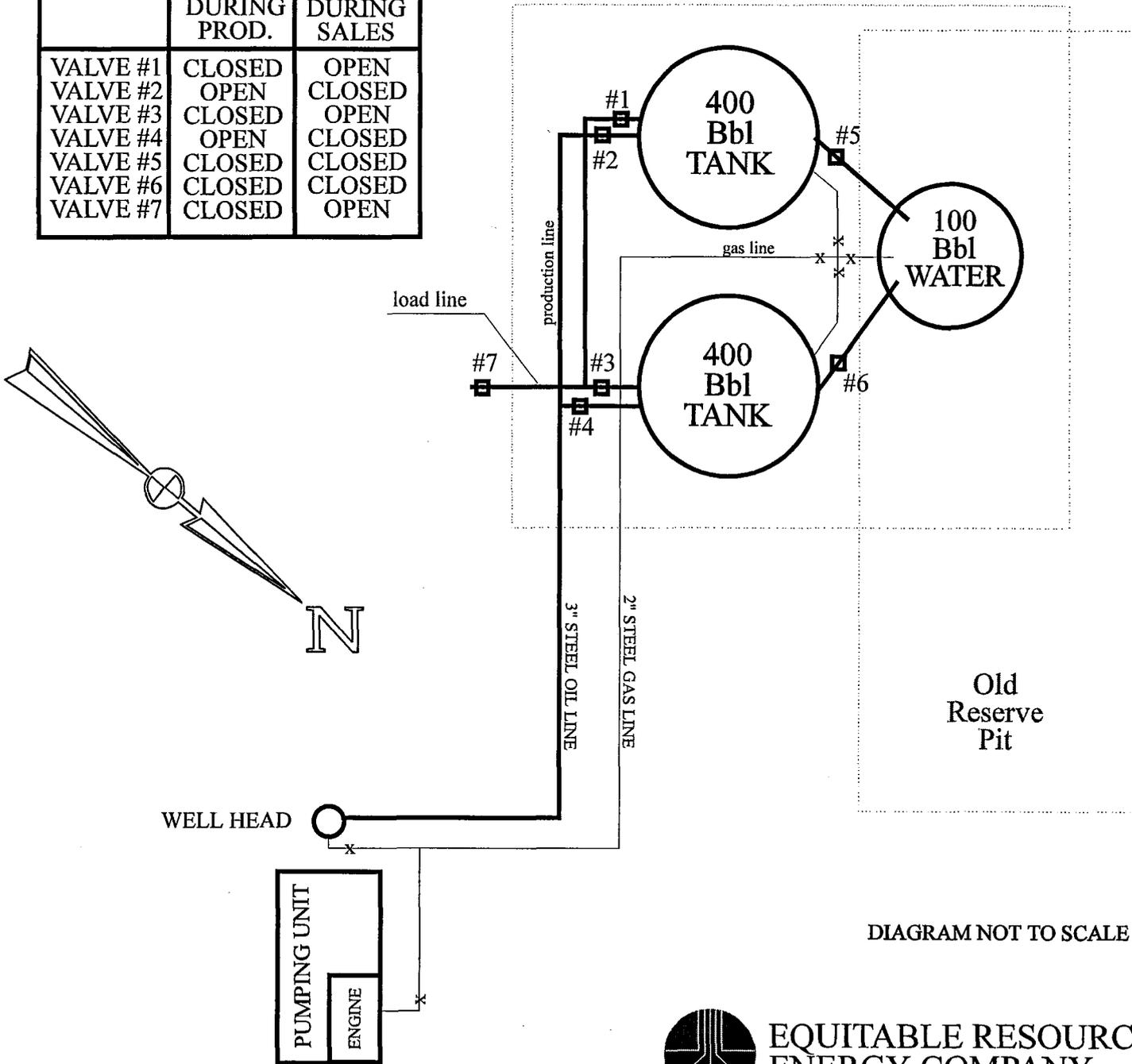


DIAGRAM NOT TO SCALE



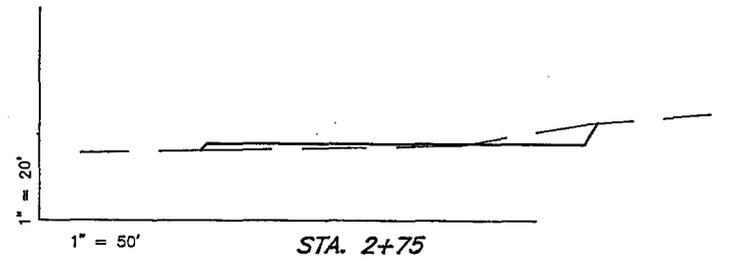
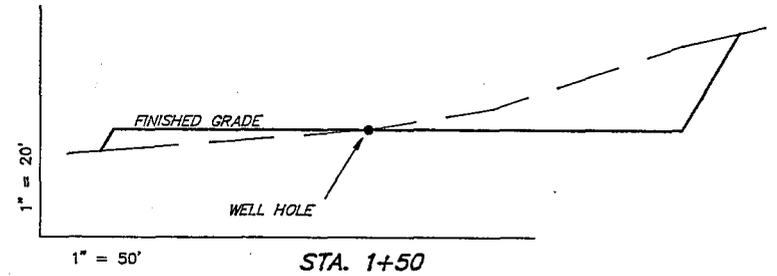
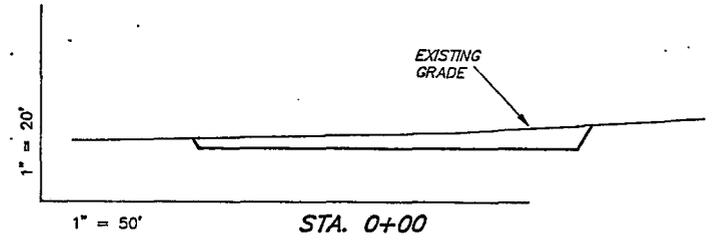
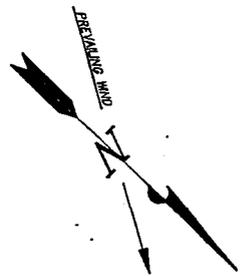
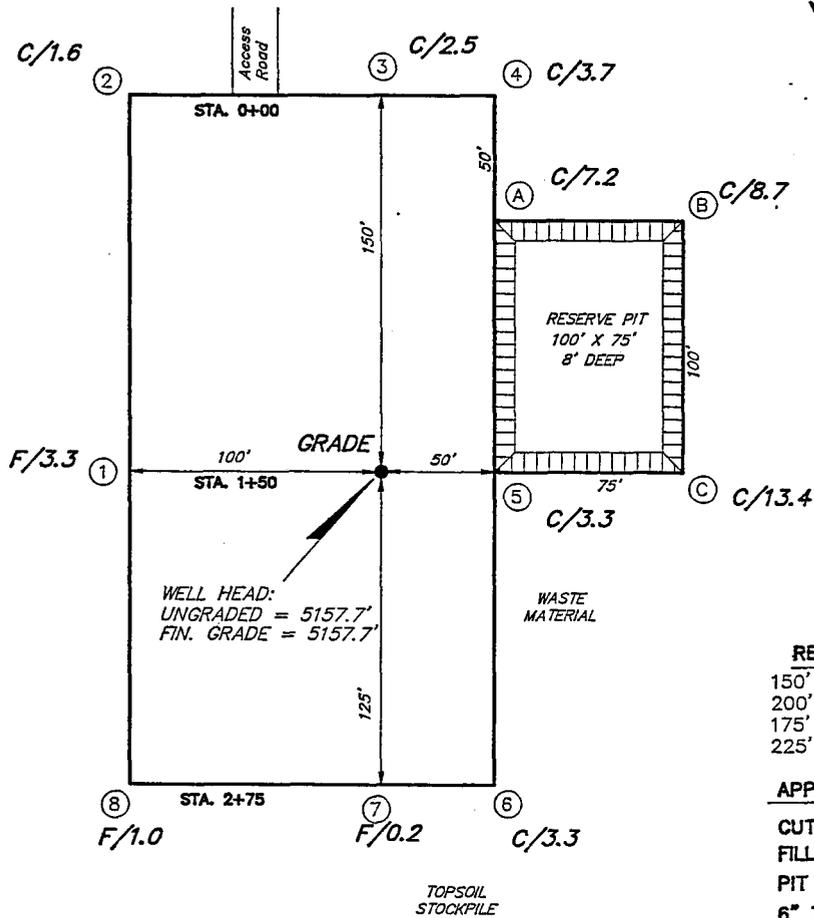
EQUITABLE RESOURCES
 ENERGY COMPANY

BALCRON OIL DIVISION

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

EQUITABLE RESOURCES ENERGY CO.

**MONUMENT FEDERAL #12-10-9-17Y
SECTION 10, T9S, R17E, S.L.B.&M.**



REFERENCE POINTS
 150' SOUTHEAST 5154.5'
 200' SOUTHEAST 5152.4'
 175' NORTHEAST 5156.2'
 225' NORTHEAST 5160.1'

APPROXIMATE YARDAGES
 CUT = 4455 Cu. Yds.
 FILL = 911 Cu. Yds.
 PIT = 1,940 Cu. Yds.
 6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: G.S. D.A.
DRAWN BY: SS
DATE: 5-18-95
SCALE: 1" = 50'
FILE: 12-10Y

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

EXHIBIT "L"

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/22/95

API NO. ASSIGNED: 43-013-31536

WELL NAME: BALCRON MON FED 12-10-9-17Y
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
 SWNW 10 - T09S - R17E
 SURFACE: 1994-FNL-0618-FWL
 BOTTOM: 1994-FNL-0618-FWL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: U-65210

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal State Fee
 (Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
 (Number PRIVATE WELL)
N RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

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

COMMENTS:

STIPULATIONS:

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



EQUITABLE RESOURCES
BMF # 12-10-9-174
SECTION 10; T9S; R17E
43-013-31536

POW

5/2/96

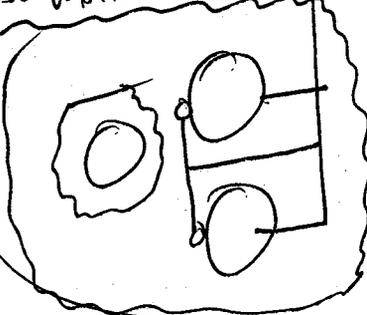
DLL

↑
NORTH

Pit
Reclamation
PROPANE
TANK

○ WELL HEAD
□ Pump
Jack

1-150 WATER

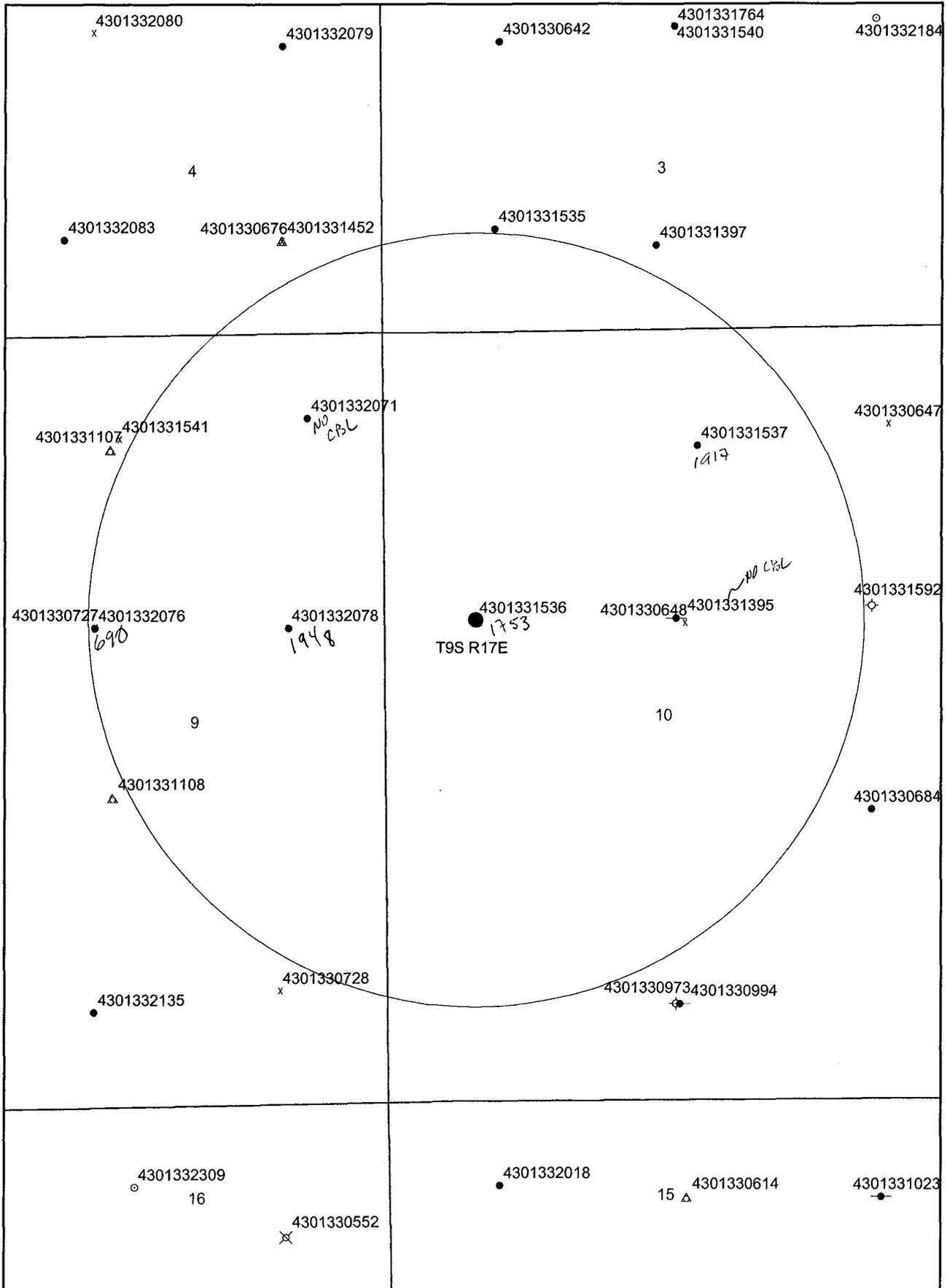


2-400
OIL

BERM
AREA

↑
ENTRANCE

Monument Federal 12-10-9-17



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-10-9-17Y

43-013-31536

Section 10, T9S, R17E, SLB&M

Duchesne County, Utah

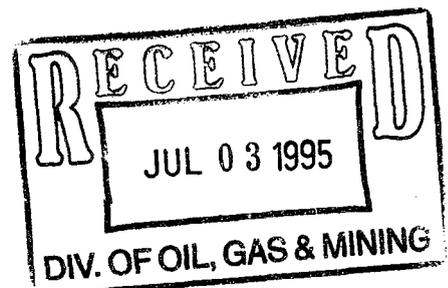
PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

June 24, 1994



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES CO. MONUMENT FEDERAL #12-10-9-17Y, Section 10, T9S, R17E, S.L.B.&M, Duchesne Co., Utah.

Description of Geology and Topography:-

This well location is 10 miles south and 3 miles east of Myton, Utah. The general area is a badlands area southeast of the Castle Peak Mine. Rocks in the immediate area of the proposed access road and wellpad are composed of interbedded mudstone, and sandstone. These rocks represent fluvial (stream) deposits.

The access road runs feet northeast off the existing road to the location. The location sits on a southeast side and slope of a small ridge. and other small ridge is on the east side of the location. The wellpad is on an outcrop of the Uinta Formation.

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

Paleontological material found -

There part of a turtle eroding out from under the sandstone outcrop northwest of the location 140 feet from the center stake at 341 degrees. There weathered turtles shell fragments here and there around the well pad, but nothing of significance. Several bone scutes (crocodilian?) were found 85 feet northeast of the center stake at 54 degrees. I explored this material a little more and only found two small pieces under the surface so I collected what was there.

Recommendations-

The bone scutes (crocodilian?) were removed from the location while at the site. They were taken to the Utah Field House of Natural History in Vernal. It is felt that this was the extent of that material.

It is not felt the work here will adversely effect the other minor fossil resources at this location. There is always a possibility of encountering significant vertebrate fossils when working in the Uinta Formation. If important looking fossils are found during construction, a paleontologist should be called to evaluate them.

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

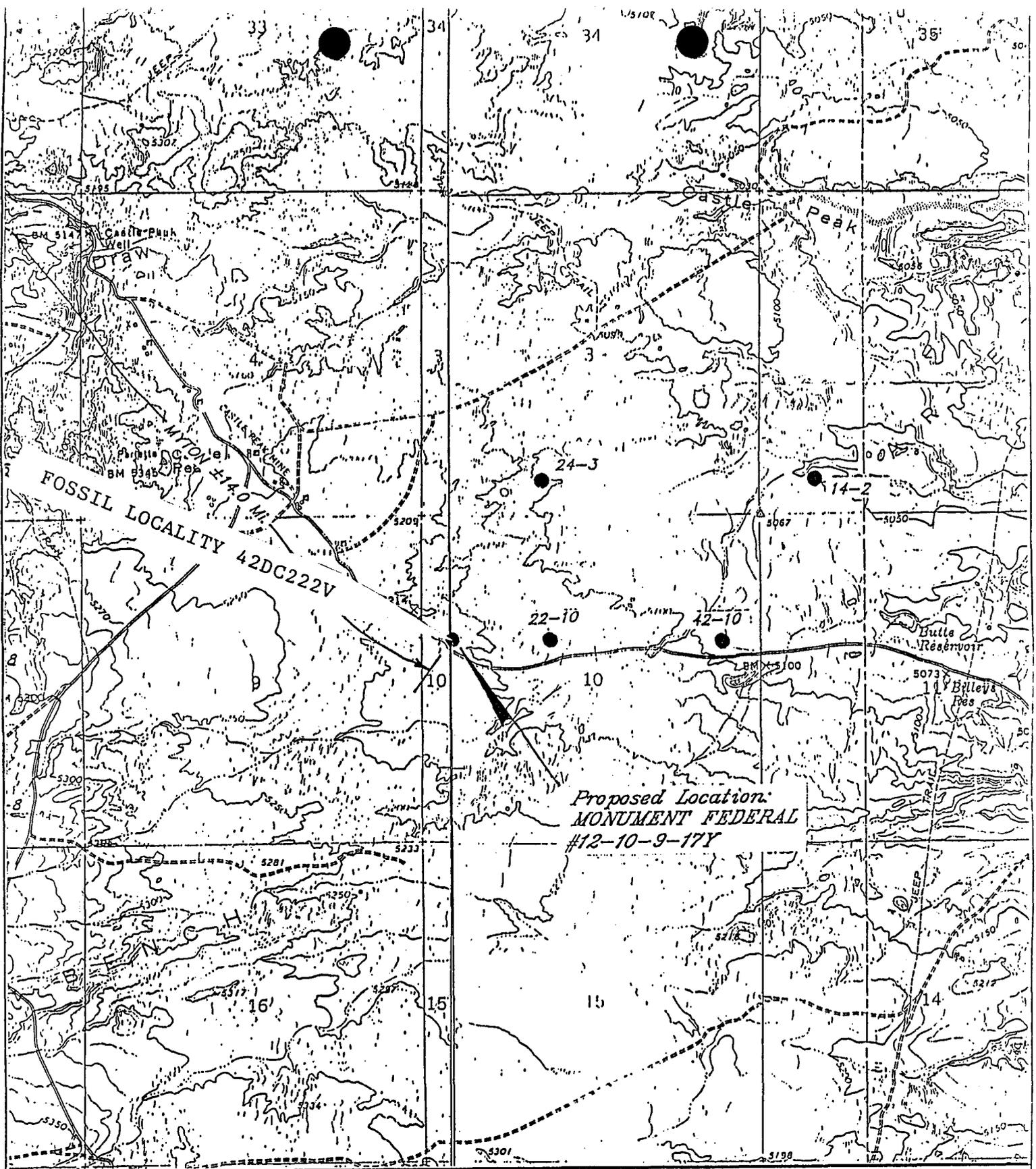
Alden H. Hamblin
Paleontologist

Date June 24, 1995

United States
Department of the Interior
Bureau of Land Management

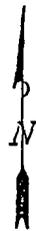
Paleontological Locality Form

1. Permit #/Permittee: BLM - UT-S-95-004 - ALDEN H. HAMBLIN
2. Repository/Acn.#: UTAH FIELD HOUSE OF NATURAL HISTORY
3. Locality #: 42DC222V [] Plant [X] Vertebrate [] Invertebrate [] Other
4. Formation (and subdivision, if known): Uinta Formation, (B) or upper - lower Member
5. Age: Late Eocene 6. County: Uintah
7. BLM District: VERNAL 8. Resource Area: Diamond Mt.
9. Map name: Pariette Draw SW, Utah 10. Map source: U.S.G.S. 7 1/2 min. Quad.
11. Map scale: 1:24,000 12. Map edition: 1964
13. Latitude (deg., min., sec., direction): _____
14. Longitude (deg., min., sec., direction): _____
or: UTM Grid Zone: 12 T 585330 mE 4433260 mN
15. Survey (Section, Township & Range): NE1/4, SW1/4, SW1/4, NW1/4 Sec. 10, T9S, R17E, SLBM
16. Taxa observed/collected: A few turtle shell fragments eroding out below the sandstone outcrop northwest of the wellpad and an occasional weathered fragment of shell here and there across the wellpad. Several bone scutes (crocodilian?) were collected from a spot 85 feet northeast of the center stake at 54 degrees.
17. Discoverer(s)/Collector(s): Alden H. Hamblin
18. Date(s): June 16, 1995
19. Remarks:



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-10-9-17Y
 SEC. 10, T9S, R17E, S.L.B.&M.
 TOPO "B"



SCALE: 1" = 2000'

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

38 WEST 100 NORTH VERNAL, UTAH 84078

**CULTURAL RESOURCE EVALUATION
OF NINE PROPOSED WELL LOCATIONS AND
ACCESS ROUTES IN THE CASTLE PEAK DRAW AND
EIGHT MILE FLAT LOCALITIES
OF DUCHESNE & Uintah COUNTIES, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-95-54937
AERC Project 1489 (BLCR-95-5)

Utah State Project No.: UT-95-AF-306b,s

Principal Investigator
F. Richard Hauck, Ph.D.

Authors of the Report
F. Richard Hauck & Glade V Hadden



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

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

July 12, 1995

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of nine proposed well locations and access routes (Balcron Monument State well #21-2-9-17; Balcron Monument Federal wells #12-24-8-17, 23-24-18-17, 11-20-9-18Y, 22-20-9-18Y, 14-3-9-17Y, 11-10-9-17Y, 12-10-9-17Y and 21-10-9-17Y). These evaluated locations are situated on Utah State and federally administered lands located in the Pariette Draw, Castle Peak Draw and Eight-mile Flat localities of Duchesne and Uintah Counties, Utah. This evaluation involved a total of 105.75 acres, of which 90 acres are associated with the well pads and an additional 15.75 acres are associated with five access road rights-of-way. These evaluations were conducted by Glade Hadden of AERC on July 5, 6 and 7, 1995.

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

Two newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations. 42Dc 906 is a significant rockshelter site located outside the immediate development zone of Monument Federal well #12-10-9-17Y. 42Un 2237 is a non-significant lithic scatter located on the well pad and access road of Monument Federal well #12-24-8-17.

No isolated artifacts were noted during the investigations.

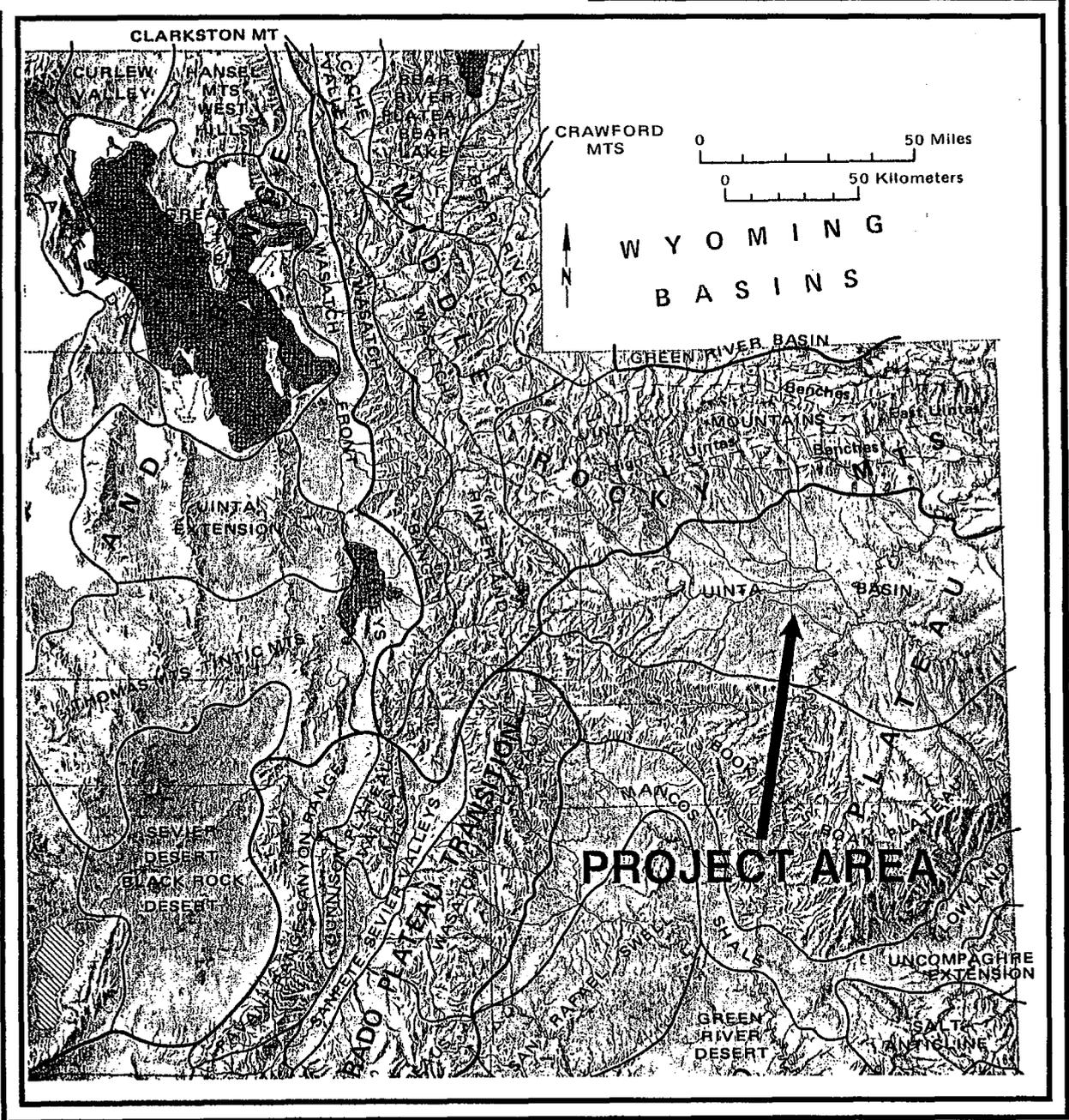
AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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42Dc 906	10
42Un 2237	10
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**MAP 1: GENERAL BALCRON
PROJECT LOCALITY
IN DUCHESNE & UINTAH COUNTIES
UTAH**

**PROJECT: BLGR - 95 - 5
SCALE: see below
QUAD: UG & MS Map 43
DATE: July 12, 1995**



T. multiple
R. multiple
Meridian: Salt Lake B & M

(After PHYSIOGRAPHIC SUBDIVISIONS OF UTAH by W.L. Stokes)

LIST OF MAPS OF THE PROJECT AREA

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MAP 1: General Balcron Project Locality in Duchesne and Uintah Counties, Utah	2
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GENERAL INFORMATION

On July 5, 6 and 7, 1995, AERC archaeologist Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings Montana. This examination involved nine proposed well locations (Balcron Monument State well #21-2-9-17; Balcron Monument Federal wells #12-24-8-17, 23-24-18-17, 11-20-9-18Y, 22-20-9-18Y, 14-3-9-17Y, 11-10-9-17Y, 12-10-9-17Y and 21-10-9-17Y) and associated access roads. The project area is in the Pariette Draw, Castle Peak Draw and Eight Mile Flat localities south east of Myton, Utah (see Map 1). A total of 105.75 acres was examined which include 80 acres associated with the Federal well pads and 13.3 acres associated with the access routes situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. An additional 10 acres are associated with the Monument State well pad and 2.45 acres associated with the access route situated in a State Section administered by the Utah Division of State Lands and Forestry.

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

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

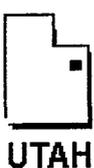
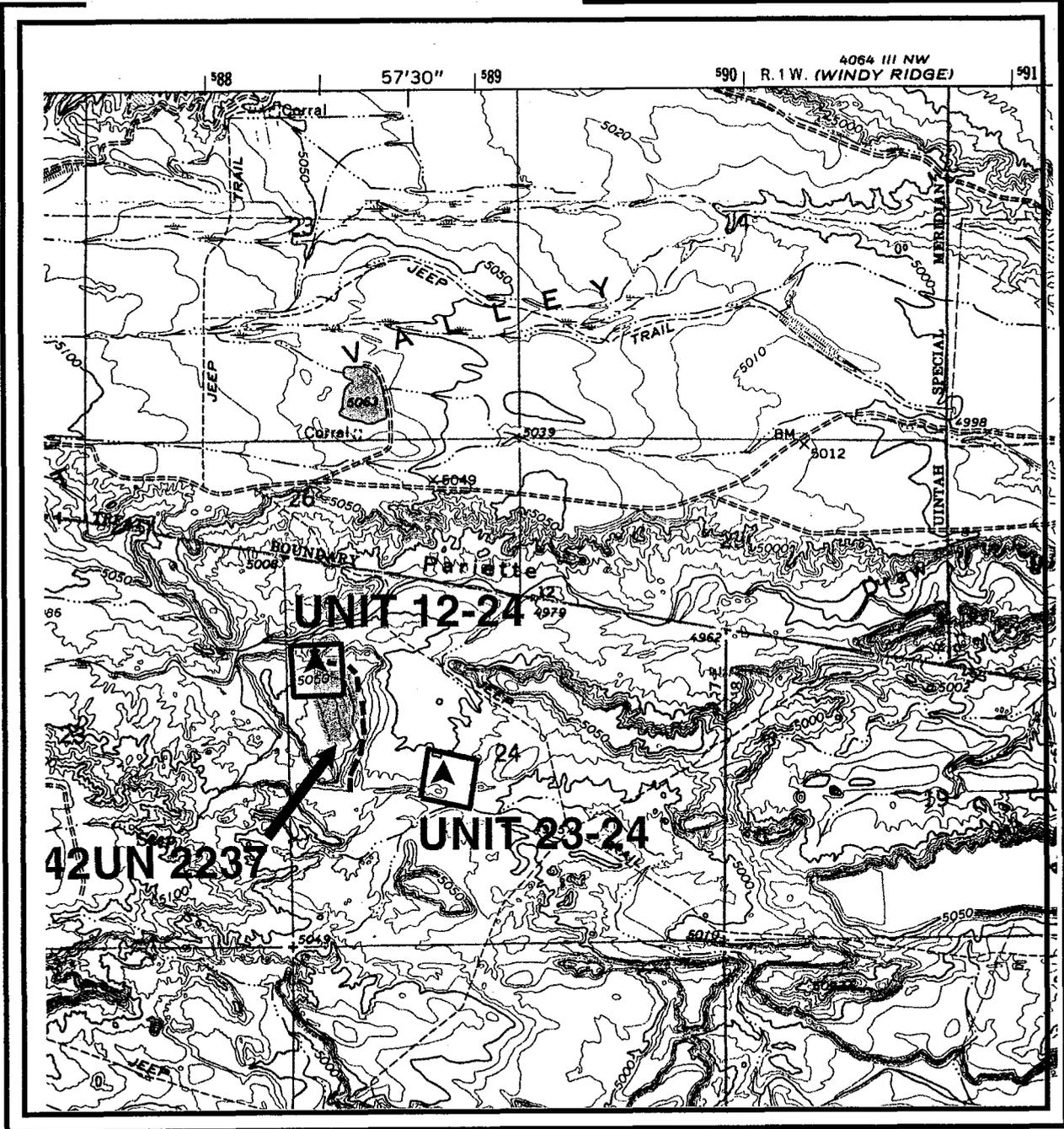
Project Location

The project location is in the Pariette and Castle Peak Draw localities of Duchesne and Uintah Counties, Utah, and the Eight Mile Flat locality of Uintah County. All of the evaluated wells and access routes are situated on the Pariette Draw SW and Myton SE 7.5 minute topographic quads (see Maps).

Balcron Monument State #21-2-9-17 is situated in the SE quarter of the NE quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Map 3).

**MAP 2: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 12-24 & 23-24
IN THE PARIETTE DRAW LOCALITY
OF UTAH COUNTY, UTAH**

PROJECT: BLCR - 95 - 5
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: July 12, 1995



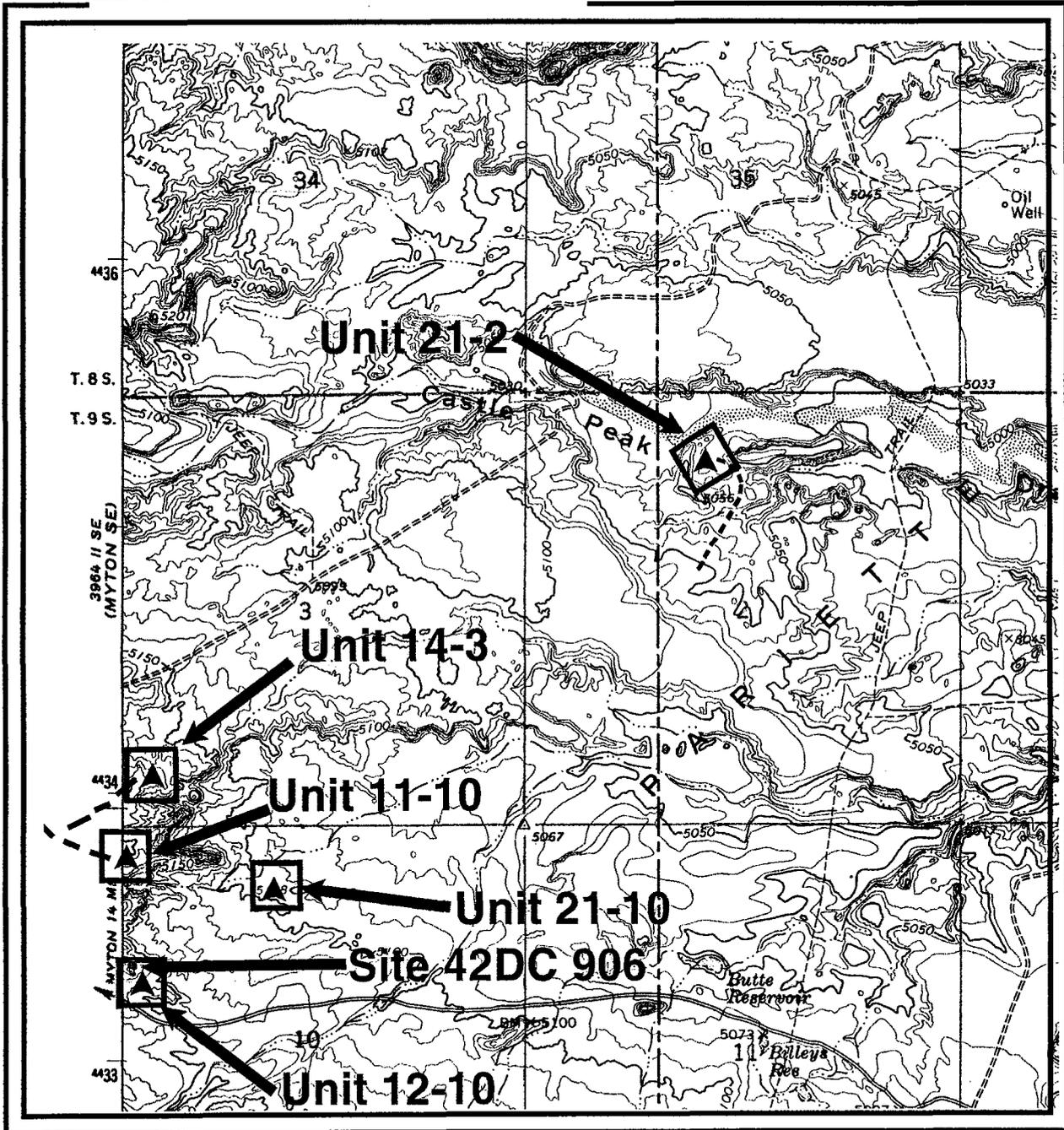
T. 8 South
R. 17 East
Meridian: Salt Lake B. & M.

LEGEND:
Well Location
Access Route
Cultural Site

Ten Acre Survey Area

**MAP 3: CULTURAL RESOURCE SURVEY
 OF BALCRON UNITS 14-3, 11-10,
 12-10, 21-2 & 21-10 IN THE
 CASTLE PEAK DRAW LOCALITY OF
 DUCHESNE & UINTAH COUNTIES, UTAH**

**PROJECT: BLCR - 95 - 5
 SCALE: 1:24,000
 QUAD: Pariette Draw SW, Utah
 DATE: July 12, 1995**



T. 8 & 9 South
 R. 17 East
 Meridian: Salt Lake B. & M.

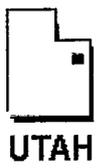
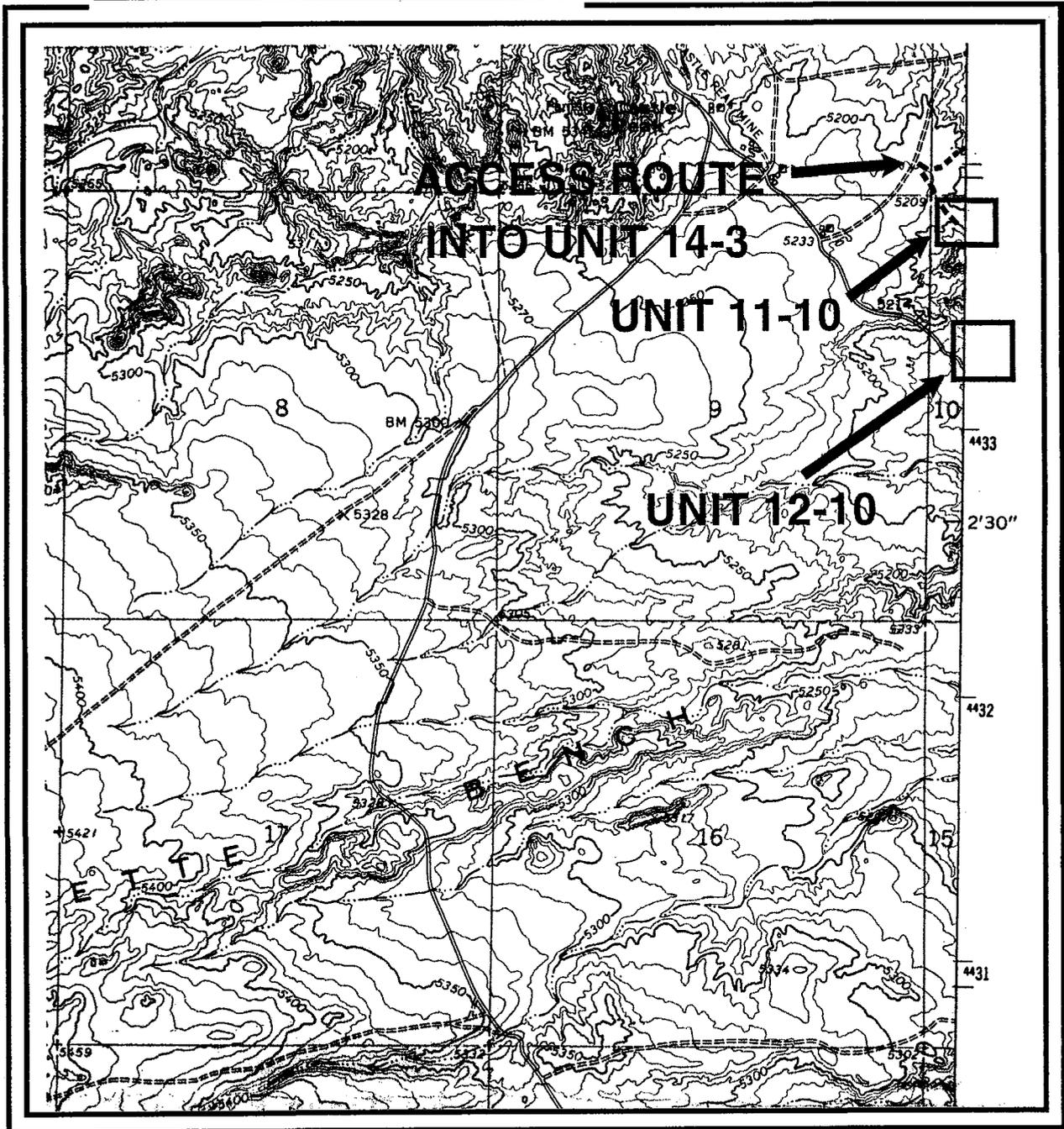
LEGEND:

- Well Location
- Access Route
- Cultural Site

Ten Acre
 Survey
 Area

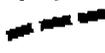
**MAP 4: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 14-3, 11-10, & 12-10
IN THE CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

**PROJECT: BLGR - 95 - 5
SCALE: 1:24,000
QUAD: Myton SE, Utah
DATE: July 12, 1995**



**T. 9 South
R. 17 East
Meridian: Salt Lake B. & M.**

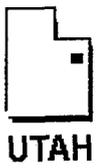
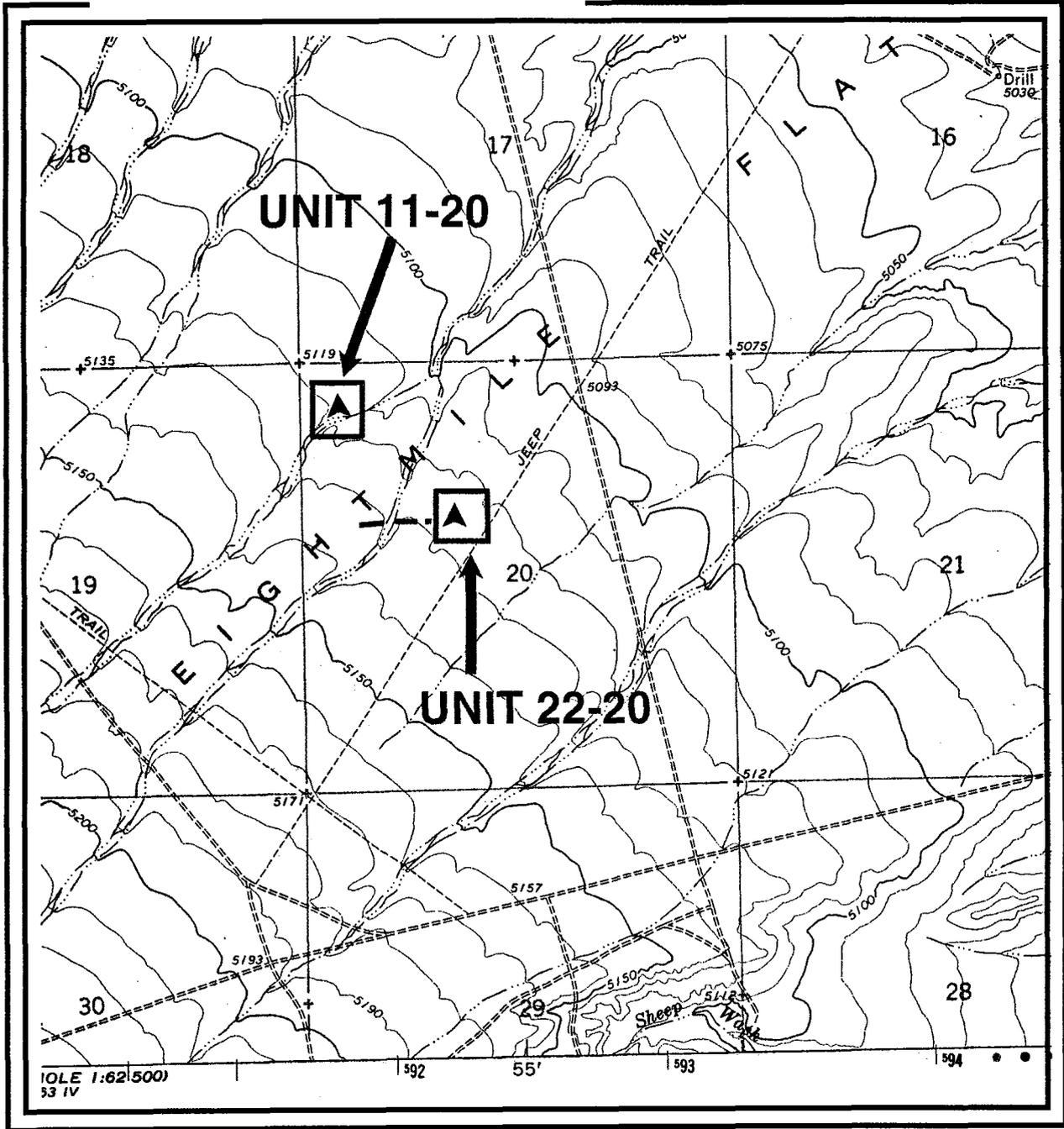
LEGEND:

Well Location 
Access Route 

**Ten Acre
Survey
Area** 

**MAP 5: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 11-20 & 22-20
IN THE EIGHT MILE FLAT LOCALITY
OF UINTAH COUNTY, UTAH**

PROJECT: BLCR - 95 - 5
SCALE: 1:24,000
QUAD: Parlette Draw SW, Utah
DATE: July 12, 1995



T. 9 South
R. 18 East
Meridian: Salt Lake B. & M.

LEGEND:

Well Location 
Access Route 

Ten Acre Survey Area 

Balcron Monument Federal #12-24-8-17 is situated in the NW quarter of the SW quarter of the NW quarter of Section 24, Township 8 South, Range 17 East SLBM, together with ca. 0.4 miles of access route (see Map 2).

Balcron Monument Federal #23-24-8-17 is situated in the NW quarter of the NE quarter of the SW quarter of Section 24, Township 8 South, Range 17 East SLBM (see Map 2).

Balcron Monument Federal #11-20-9-18Y is situated in the NW quarter of the NW quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM (see Map 5).

Balcron Monument Federal #22-20-9-18Y is situated in the Center of the SE quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 5).

Balcron Monument Federal #14-3-9-17Y is situated in the SE quarter of the SW quarter of the SW quarter of Section 3, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Maps 3 and 4).

Balcron Monument Federal #11-10-9-17Y is situated in the NW quarter of the NW quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Maps 3 and 4).

Balcron Monument Federal #12-10-9-17Y is situated in the Center of the SW quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM (see Maps 3 and 4).

Balcron Monument Federal #21-10-9-17Y is situated in the SE quarter of the NE quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM (see Map 3).

Environmental Description

The project area is within the 5000 to 5200 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

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

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on June 16, 1995. A similar search was conducted in the Vernal District Office of the BLM on June 20, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

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

Prehistory and History of the Cultural Region

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

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the

majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

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

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking a series of 10 to 20 meter-wide transects across an area associated with each ten acre well pad. Access routes are evaluated by the archaeologist walking a pair of 10 to 15 meter-wide transects on either side of the flagged access route rights of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 15.75 acres) was examined for the various proposed access roads, in addition to the 90 acres inventoried on the well pads.

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 prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

Site 42DC 906 consists of a shallow rockshelter and an associated scatter of burned stone, lithic debitage, one core and one biface, all contained within a ca. 10 x 10 meter area. The rock shelter faces toward the north and overlooks a large tributary basin/drainage into Castle Peak Draw.

This is a Significant site. The site contains the potential for having buried features and multi-component contexts, and thus the site qualifies for nomination to the National Register of Historic Places under criterion d of Title 36 CFR 60.6 and exhibits research potential.

This site is associated with Balcron's Monument Federal well #12-10-9-17Y. It is located outside the proposed development zone, but may receive secondary impacts in the form of increased visibility and access due to the development of this well. AERC recommends that a mitigation plan should be implemented, including surface mapping and excavation of buried cultural deposits prior to the commencement of any construction on Monument Federal well 12-10-9-17Y.

Site 42UN 2237 consists of an extensive (ca. 250 x 150 meter) lithic scatter sparsely distributed across the top of a large, dune-covered ridge. Artifacts include primary, secondary and tertiary flakes, no tools and no features. Most of the debitage is exposed on the surface, with some revealed in small blowout depressions.

This is not a significant site. This site has lost most of the original context and contains little potential for having intact buried features or multi-component contexts. The site does not qualify under any of the criteria of Title 36 CFR 60.6.

42Un 2237 is located on the well pad and access route of Monument Federal well #12-24-8-17. Although this is not a significant site, there remains the potential for the discovery of significant deposits within the extensive dune field across much of the location. For this reason, AERC recommends that a qualified archaeologist be present during the initial blading and sub-surface disturbance of the well pad and access route associated with this site. If significant deposits are discovered during this operation, the appropriate mitigation measures should be taken.

No previously identified and recorded significant or National Register sites were noted or recorded during the survey.

No diagnostic or non-diagnostic isolated artifacts were observed or recorded during the evaluation.

CONCLUSION AND RECOMMENDATIONS

One known significant cultural resources may be adversely impacted during the development and operation of Balcron Well Unit 12-10-9-17Y. No other known significant cultural resources will be adversely impacted during the development and operation of the remaining Balcron Well Units as evaluated during this AERC project.

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

1. a mitigation plan should be implemented for Site 42Dc 906, including surface mapping and excavation of buried cultural deposits, prior to the commencement of any construction on Monument Federal well 12-10-9-17Y;
2. a qualified archaeologist should be present during the initial blading and sub-surface disturbance of the Monument Federal 12-24-8-17 well pad and access route associated with site 42Un 2237. If significant deposits are discovered during this operation, the appropriate mitigation measures should be taken;
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;
4. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
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 exploration area.



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



Glade V Hadden
Field Supervisor

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

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- 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, 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, Bountiful.

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Hauck, F. Richard and Glade V Hadden

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Stokes, W. L.

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

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

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

October 12, 1995

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59102

Re: Balcron Monument Federal #12-10-9-17Y Well, 1994' FNL, 618' FWL, SW NW
Sec. 10, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31536.

Sincerely,

R. J. Fifth
Associate Director

pjl

Enclosures

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



Operator: Equitable Resources Energy Company
Well Name & Number: Balcron Monument Federal #12-10-9-17Y
API Number: 43-013-31536
Lease: Federal U-65210
Location: SW NW Sec. 10 T. 9 S. R. 17 E.

Conditions of Approval

1. General

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

2. Notification Requirements

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

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

3. Reporting Requirements

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
SW NW Section 10, T9S, R17E 1994' FNL, 618' FWL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 14 miles southwest 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.

19. PROPOSED DEPTH
5,600'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,158' GL

22. APPROX. DATE WORK WILL START*
10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

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

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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.

CONDITIONS OF APPROVAL ATTACHED RECEIVED
OCT 22 1995

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 Robbie Schuman TITLE Regulatory and Environmental Specialist DATE June 21, 1995
(This space for Federal or State office use)

PERMIT NO. 43-013-31536 APPROVAL DATE _____

APPROVED BY [Signature] TITLE Assistant District Manager Minerals DATE OCT 12 1995
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

Ut080-5m-193

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 12-10-9-17Y

API Number: 43-013-31536

Lease Number: U-65210

Location: SWNW Sec. 10 T. 9S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

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 zone identified at ± 2734 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 ± 2534 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

APD approval is valid 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:

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

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, 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.

SURFACE USE PROGRAM
Conditions of Approval (COAs)
Equitable Resources Energy Company - Well #12-10-9-17Y

Methods For Handling Waste Materials and Disposal

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

Other information

Plans For Reclamation Of Location

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

Other information

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

If this is to be a producing well the operator will follow the mitigation plan as recommended in the cultural survey report to mitigate cultural site 42Dc 906.

If the oil well location is scheduled to be constructed or the well is to be drilled between March 15 and August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

Balcron Monument Federal #12-10-9-17Y

Since Site 42DC 906 is outside the proposed development zone and may only receive secondary impacts due to development of this well, operator must have a qualified archeologist monitor construction of the location. If the location is a dry hole, nothing further must be done to the site. If the location is a producer, operator will follow the mitigation plan recommended in the cultural survey report. This includes surface mapping and evacuation of buried cultural deposits.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON MONUMENT FEDERAL 12-10-9-17Y

Api No. 43-013-31536

Section 10 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 12/7/95

Time 6:00 PM

How ROTARY

Drilling will commence _____

Reported by DAN FARNSWORTH

Telephone # _____

Date: 12/11/95 SIGNED: JLT

ENTITY ACTION FORM - FORM 6

ADDRESS 1601 Lewis Avenue

Billings, MT 59102

(406) 259-7860

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	11867	43- ⁰¹³ 047 -31536	Balcron Monument Federal #12-10-9-17Y	SW NW	10	9S	17E	Duchesne	12-7-95	12-7-95

WELL 1 COMMENTS: *Entity added 12-15-95. See*
Spud of a new well.

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WELL 2 COMMENTS:

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WELL 3 COMMENTS:

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WELL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--

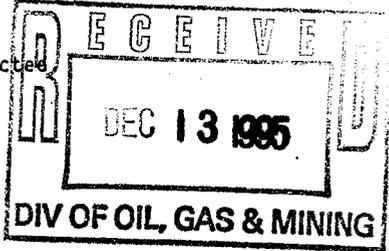
WELL 5 COMMENTS:

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

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

(3/89)

Molly Conrad
Signature
Operations Secretary
Title
Date 12-11-95
Phone No. (406) 259-7860



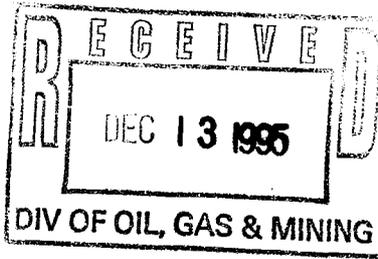
12-14-95



**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

December 11, 1995

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

CONFIDENTIAL

Gentlemen:

**RE: Balcron Monument Federal #12-10-9-17Y
SW NW Section 10, T9S, R17E
Duchesne County, Utah
API #43-013-31536**

**This letter is notice that the subject well was spud on 12-7-95 at
6:00 p.m.**

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

Sincerely,

**Molly Conrad
Operations Secretary**

/mc

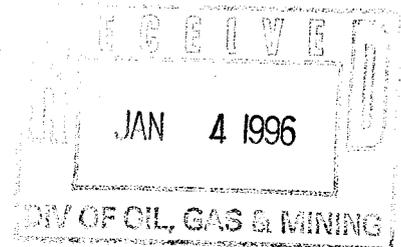
**cc: State of Utah, Division of Oil, Gas, & Mining - also enclosed is
Entity Action Form 6.
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Bobbie Schuman
Lou Ann Carlson**

GEOLOGIC AND DRILLING REPORT

**BALCRON OIL
MONUMENT FEDERAL NO. 12-10-9-17Y
SW NW SECTION T9S-R17E
DUCHESNE COUNTY, UTAH**

42-012-31526

CONFIDENTIAL



**BALCRON OIL DIVISION
Equitable Resources Energy Co.
Billings, Montana**

Table of Contents

MONUMENT STATE NO. 21-2-9-17

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Mud Additives Used-----	3
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Formation Data-----	5
Sample Description-----	6
Strip Log-----	Pocket

Prepared by:

M.K. Jones
Petroleum Geologist
P.O. Box 21194
Billings, MT 59104
(406) 652-4505

Well Summary

OPERATOR: Balcron Oil
LEASE AND WELL NAME: Monument Federal No. 12-10-9-17Y
LOCATION: SW NW (1994' fn, 618' fw)
Section 10-T9S-R17E
ELEVATION: 5158 Ground, 5168 K.B.
SPUD DATE: 6:00 PM on 12-6-95
COMPLETION DATE: Ran Production Casing on December 17, 1995
CASING POINT, DATE: December 14, 1995
TOTAL DEPTH: 5557' Driller Depth, 5567' Logger Depth
WELL STATUS: Awaiting Completion
DRILLING CONTRACTOR: Union Drilling Co., Inc.
RIG NO.: 17
HOLE SIZE: Surface; 12 1/4" to 275' Main Hole; 7 7/8" to T.D.
SURFACE CASING: 6 Joints (249.16') 8 5/8", 24#, J-55;
@ 259.16 w/160 sx Class "G" + 2% CaCl,
+ 1/4# sk Cello Seal.
MUD PROGRAMS: Air and Mist
(Attempt KCL water @ 3898', No Returns)
LOGS: Schlumberger DLL; LDT-CNL-GR-CAL
CORES: None
DRILL STEM TESTS: None
SAMPLE QUALITY: Good above 3900' very poor below 3900'
PRODUCTION CASING: 5 1/2", 15.5# @ Total Depth
DRILLING EQUIPMENT: BLOW OUT PREVENTER:
RIG: Draw Works Cabot-Franks Rocket Make Schaeffer, Model 9" - 3000#
Mast Make Cabot Height 87' Type Hydraulic Dbl Ram
Power Caterpillar 343 Diesel Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: NO.20, Length 596'
Thread 4"H-90, ID 2 1/2", OD 6"
PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

DAILY DEPTH AT 6:00 A.M.

Monument Federal No. 12-10-9-17Y

<u>DATE</u>	<u>PENETRATION</u>		<u>TIME DISTRIBUTION</u>				<u>REMARKS</u>
	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>DRILLING</u>	<u>REPAIRS</u>	<u>OTHER</u>	<u>DAY WORK</u>	
11/27-12/6	-	-	-	-	-	-	Build Location
12-7	-	-	-	-	-	-	Move In, Rig Up, Spud @6:00 PM
12-8	275	275	6	-	18	-	Run & Cmt 8 5/8" Csg.
12-9	1186	911	15	-	9	-	Drill w/Air & Mist
12-10	2663	1477	22 1/2	-	1 1/2	-	
12-11	3835	1172	23	-	1	-	
12-12	4179	344	16 1/2	-	7 1/2	-	Load Hole; Trip f/Bit
12-13	4709	530	13 1/4	-	10 3/4	-	Unload Hole; Drill ahead w/Air & Mist
12-14	5557	848	21 1/2	-	1 1/2	-	Cond f/Logs
12-15	5557	-	-	-	24	24	Fish for Stuck DP Back off 1900; Wash Over
12-16	5557	-	-	-	24	24	Fishing; Cond f/Logs
12-17	5557	-	-	-	24	12	Logging; LDDP
12-18	5557	-	-	-	16	-	Run & Cmt 5 1/2" Csg Rig Down; Rig Released @11:00 PM on 12-17-95

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 117 3/4 Hours
 Days on Location----- 11 Days
 Rig Repair----- 0 Hours
 Day Work----- 60 Hours

Mud Check



Monument Federal No. 12-10-9-17Y

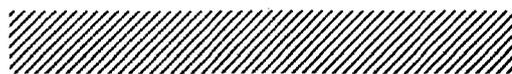
<u>DATE</u>	<u>DEPTH</u>	<u>WT.</u>	<u>VIS.</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>CHLORIDES</u>	<u>KCI</u>
12-8-95	275							
12-9-95	1186							
12-10-95	2663							
12-11-95	3835							
12-12-95	4179	8.5	26	10	-	-	9800	2.1%
12-13-95	4709							
12-14-95	5557	8.5	27	10	-	-	9800	2%

Mud Additives

KCL ----- 65 sx
Sawdust ----- 5 sx
Poly S ----- 4 cans

Lime ----- 15 sx
KD 700 ----- 4 Bbl
Foamer ----- 14 cans

Bit Record



Monument Federal No. 12-10-9-17Y

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	12 1/4	STC	F.B.	Open	275	275	6	3-6m	40		150	Drill w/Air
2	7 7/8	SEC	S88CF	24	3898	3623	63	40	60		240	Drill w/Air
3	7 7/8	HTC	ATJ-35	13	4200	302	16	40	60	30	450	3°
4	7 7/8	SEC	S88CF	open	5557	1357	34	40	60		350	Drill w/Air

DEVIATION RECORD

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
560	1/2°		
1050	3/4°	2700	1 3/4°
1680	1°	3244	2°
2200	1 1/2°	4200	3°

Formation Data

Monument Federal No. 12-10-9-17Y

Log Tops

<u>ELEVATIONS</u>	<u>5158 GL</u>	<u>5168 K.B.</u>		<u>STRUCTURAL</u>
<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>THICKNESS</u>	<u>RELATIONSHIP</u>
				<u>HIGH/LOW</u>
Uinta	Surface	+5158	1372	37' High
Green River	1382	+3786	788	6' High
Horseshoe Bench	2170	+2998	1584	11' High
2nd Garden Gulch	3754	+1414	282	9' High
Y-2 Sandstone	4036	+1132	326	11' Low
Y-3 Sandstone	-	-	-	-
Yellow Marker	4362	+806	163	12' High
Douglas Creek	4525	+643	108	14' High
R-2 Sandstone	4633	+535	77	9' Low
R-5 Sandstone	4710	+458	54	8' High
2nd Douglas Creek	4764	+404	141	10' High
Green Marker	4905	+263	141	7' High
G-5 Sandstone	5046	+122	116	2' High
Black Shale Facies	5162	+6	193	1' Low
Carbonate Marker	5355	-187	35	7' High
B-1 Sandstone	5390	-222	177+	3' High
TOTAL DEPTH	5567'			

REFERENCE WELL : Balcron Federal 22-10Y
(1360 Feet East)

Sample Description

Balcron Oil
Monument Federal No. 12-10-9-17Y
SW NW Section 10-T9S-R17E
Duchesne County, Utah

Samples caught from blooie line; Sample quality good; 50 foot sample intervals.

1300 - 1350 Sandstone - light gray, very fine to fine grained, silty, angular to sub-rounded, calcareous; some clay filling, mostly loose clear quartz grains.

LOG TOP, GREEN RIVER 1382' (+3786')

1350 - 1400	As above; trace of Marl - tan, brown, firm, blocky, petroliferous.
1400 - 1450	No change.
1450 - 1500	Marl - buff, tan, brown, blocky, firm, petroliferous.
1500 - 1550	Marl - tan, brown, grayish brown, firm, blocky, petroliferous.
1550 - 1600	No change.
1600 - 1650	No change.
1650 - 1700	No change.
1700 - 1750	No change.
1750 - 1800	No change.
1800 - 1850	No change.

1850 - 1900 No change.

1900 - 1950 Marl - as above, slightly gritty to silty.

1950 - 2000 As above.

2000 - 2050 Marl - dark brown, firm, blocky, petroliferous.

2050 - 2100 No change.

2100 - 2150 Marl - as above; Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, hard, tight.

LOG TOP, HORSESHOE BENCH SANDSTONE 2170' (+2998')

2150 - 2200 Sandstone - as above; some Marl - as above.

2200 - 2250 Siltstone - light gray, tan, sandy, calcareous; Marl - light gray, buff, hard, blocky.

2250 - 2300 Marl - light gray, brownish gray, hard, blocky, gritty.

2300 - 2350 Marl - dark brown, firm, blocky, petroliferous.

2350 - 2400 Marl - tan, brown, dark brown, firm, blocky, partly gritty, petroliferous; Limestone - buff, chalky.

2400 - 2450 No change.

2450 - 2500 No change.

2500 - 2550 Marl - as above, locally very sandy.

2550 - 2600 Sandstone - light gray to tan, very fine grained, very silty, calcareous, tight, partly shaley, slight light brown oil stain, slight streaming cut, poor oil show; Marl - as before.

2600 - 2650 Marl - tan, brown, firm, blocky, gritty, petroliferous; Sandstone - as above, show, as above.

2650 - 2700 Limestone - tan, brown, fragmental, argillaceous, hard; Marl and Sandstone - as above.

- 2700 - 2750 Limestone - light gray, tan, brown, fragmental, hard, argillaceous, locally sandy.
- 2750 - 2800 Marl - tan, brown, hard, blocky, petroliferous; Limestone - as above.
- 2800 - 2850 Sandstone - white, light gray, very fine to fine grained, silty, angular to sub-rounded, calcareous, partly clay filled, tight, no show; Marl and Limestone - as above.
- 2850 - 2900 Sandstone - as above, mostly loose clear quartz grains.
- 2900 - 2950 Marl - buff, tan, hard, blocky, petroliferous; Limestone - buff, micritic, hard.
- 2950 - 3000 Limestone - buff, tan, micritic, slightly argillaceous; Marl - as above.
- 3000 - 3050 Sandstone - light gray, very fine grained, silty, angular to sub-rounded, calcareous to clay filled, tight, *no show*; some Shale - light gray, sub-fissile, hard calcareous; Limestone - buff, micritic.
- 3050 - 3100 Sandstone - light gray, very fine grained, silty, sub-angular, slightly salt and pepper, calcareous, shaley, hard, tight; Shale - light gray, fissile to lumpy, sandy, limey, hard.
- 3100 - 3150 Sandstone - white to clear, very fine to fine grained, silty, angular to sub-rounded, calcareous, hard, tight, *scattered specks of brown oil stain*; Marl - light brown, hard, blocky, petroliferous; some Limestone.
- 3150 - 3200 Limestone - tan, brown, micritic, slightly argillaceous; Marl - tan, brown, hard, blocky, petroliferous.
- 3200 - 3250 As above; Sandstone - white, light gray, very fine grained, silty, angular, partly clay filled, hard, tight.
- 3250 - 3300 As above; Shale - light gray, hard, limey, blocky.
- 3300 - 3350 Marl - light gray, buff, tan, blocky, firm, petroliferous.

- 3350 - 3400 Siltstone - light gray, sandy, calcareous; Marl - as above.
- 3400 - 3450 Limestone - buff, tan, micritic, ostracods; Sandstone - light gray, very fine to fine grained, angular to sub-rounded, calcareous, partly shaley, hard, tight; Marl - as above.
- 3450 -3500 Sandstone - white, light gray, very fine to fine grained, silty, angular to sub-rounded, calcareous, locally clay filled, tight to poor porosity, no show.
- 3500 - 3550 Sandstone - as above, scattered traces of brown to black oil stain, and fluorescence, slight milky cut; Shale - light gray, limey, gritty to sandy, hard, blocky.
- 3550 - 3600 Shale - as above; some Sandstone - as above, hard, tight, scattered show of brown oil.
- 3600 - 3650 Marl - buff, tan, brown, firm, blocky, petroliferous.
- 3650 - 3700 Sandstone - light gray, very fine grained, very silty, angular, calcareous, partly shaley, tight, scattered slight show; Marl -as above.
- 3700 - 3750 Sandstone - as above; Limestone - buff, tan, micritic.

LOG TOP, SECOND GARDEN GULCH 3754' (+1414')

- 3750 - 3800 Limestone - as above; some Sandstone - as above.
- 3800 - 3850 Siltstone - light gray, sandy, calcareous, partly shaley; Shale - pale gray, limey, hard, sub-fissile; Limestone - as above.

Begin 30 Foot Samples @ 3850'

- 3850 - 3880 Limestone - cream, buff, tan, micritic to fragmental, ostracodal; Marl -tan, brown, firm, blocky, petroliferous.

Load Hole with KCL water @ 3898'.

- 3880 - 3910 (Trip Sample) Sandstone - light gray, very fine grained, silty, angular, slightly salt and pepper, calcareous, clay filled, hard, tight; Limestone - as above.

- 3910 - 3970 No samples, Drilling without returns. Lost Circulation.
- 3970 - 4000 Sandstone - light gray, very fine to fine grained; grades to Siltstone - angular, calcareous, clay filled, hard, tight; Shale - light to medium gray, hard, blocky, gritty, calcareous; Marl - tan brown, blocky, petroliferous; Limestone - buff, micritic.

LOG TOP, Y-2 SANDSTONE 4036' (+1132')

- 4000 - 4180 Lost Circulation, No Returns, No Samples.
Unload hole. Drilling w/Air and Mist. (Poor Samples)

Poor Samples Continue to Total Depth.

- 4180 - 4210 Sandstone - white, clear, very fine to fine grained, angular to sub-round, calcareous, partly clay filled, tight, no show; Marl - tan, brown, blocky, petroliferous.
- 4210 - 4240 Shale - light gray, calcareous, blocky, hard; Marl - tan, brown, blocky, petroliferous; some Sandstone.
- 4240 - 4270 No change.
- 4270 - 4300 Sandstone - white, light gray, very fine to fine grained, silty, angular, calcareous, clay filled, tight, no show.
- 4300 - 4330 Sandstone - as above; some Marl.
- 4330 - 4360 Siltstone - light gray, sandy, shaley, calcareous; Sandstone - as above; Shale - light gray, gritty to silty, hard, blocky, calcareous; Limestone - tan, buff, micritic.

LOG TOP, YELLOW MARKER 4362' (+806')

- 4360 - 4390 No change.
- 4390 - 4420 Sandstone - light gray, very fine grained, silty, angular, calcareous, shaley, tight; Shale, Siltstone and Limestone - as above.
- 4420 - 4450 No change.

4450 - 4480 No change.

4480 - 4510 Shale - light gray, blocky, gritty, hard, calcareous; some Limestone and Sandstone.

LOG TOP, DOUGLAS CREEK 4525' (+643')

4510 - 4540 As above; Marl - tan, brown, blocky, firm, petroliferous; Sandstone - white, clear, very fine to fine grained, silty, angular, calcareous, hard, tight.

4540 - 4570 Sandstone - as above; some Shale and Marl.

4570 - 4600 No change.

4600 - 4630 Shale and Marl - as above; Sandstone - light gray, very fine to fine grained, silty, angular to sub-rounded, calcareous, tight to poor porosity, few fragments have brown oil stain, bright yellow fluorescence, streaming cut.

LOG TOP, R-2 SANDSTONE 4633' (+535')

4630 - 4660 Sandstone - as above, tight, no show.

4660 - 4690 Shale - light gray, gritty to silty, calcareous, hard, blocky; Sandstone - as above.

LOG TOP, R-5 SANDSTONE 4710' (+458')

4690 - 4720 Sandstone - as above; Shale - as above.

4720 - 4750 Sandstone - as above, some has poor porosity, brown oil stain, yellow-brown fluorescence, instant strong streaming cut, good show of oil in 10% of rock; Shale - as above.

LOG TOP, 2nd DOUGLAS CREEK 4764' (+404')

4750 - 4780 Limestone - tan, brown, micritic to fragmental.

4780 - 4810 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, clay filled, tight, no show; Shale - light to medium gray, hard, blocky, gritty to sandy, calcareous.

- 4810 - 4840 As above; Sandstone has scattered patches of brown oil stain with yellow brown fluorescence and streaming cut.
- 4840 - 4870 Sandstone - white, light gray, very fine grained, silty, angular, calcareous, tight to poor porosity, some fragments have light brown oil stain, bright yellow fluorescence with slight slow milky cut. Shale - as above.
- 4870 - 4900 Shale - light gray, hard, blocky, gritty, calcareous; marl - dark brown, blocky, hard, petroliferous.

LOG TOP, GREEN MARKER 4905' (+263')

- 4900 - 4930 No change.
- 4930 - 4960 No change.
- 4960 - 4990 Sandstone - light gray, very fine to fine grained, very silty, angular, calcareous, tight, no show.
- 4990 - 5020 No change.

LOG TOP, G-5 SANDSTONE 5046' (+122')

- 5020 - 5050 Sandstone - as above; Shale - light gray, hard, blocky, gritty, to sandy, calcareous; Limestone - buff, tan, micritic.
- 5050 - 5080 No change.
- 5080 - 5110 Shale - as above; some Sandstone - as above.
- 5110 - 5140 Shale - black, dark gray, blocky, brittle, gritty, limey, petroliferous; some Shale - as above.

LOG TOP, BLACK SHALE FACIES 5162' (+6')

- 5140 - 5170 Sandstone - light gray, very fine grained, silty, angular, calcareous, tight, no show.
- 5170 - 5200 Shale - dark gray to black, blocky, brittle, limey, petroliferous; Sandstone - as above.

5200 - 5230 Shale - as above; Siltstone - light gray, sandy, calcareous.

5230 - 5260 Shale - dark brown, black, limey, fissile to blocky, brittle, petroliferous; some Shale - light gray, sub-fissile to blocky, hard, gritty, calcareous.

5260 - 5350 No change.

LOG TOP, CARBONATE MARKER 5355' (-187')

5350 - 5380 Sandstone - very fine to fine grained, mostly loose quartz grains, clear to milky, light brown oil stain, weak bright yellow fluorescence, streaming cut.

LOG TOP, B-1 SANDSTONE 5390' (-222')

5380 - 5410 Loose sand grains, as above, show, as above.

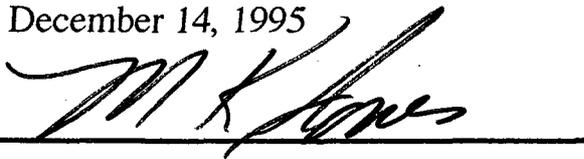
5410 - 5440 No change. (Not representative samples, hole is not unloading properly)

5440 - 5557 No change.

Driller's Total Depth 5557'

Logger's Total Depth 5567'

December 14, 1995



M.K. Jones
Petroleum Geologist

M.K. Jones
Petroleum Geologist

P.O. Box 21194

Billings, Montana 59104

PH. (406) 652-4505



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

CONFIDENTIAL

JAN 8 1996

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

January 4, 1996

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

Gentlemen:

**RE: Balcron Federal #12-10-9-17Y
SW NW Section 10, T9S, R17E
Duchesne County, Utah
API #43-013-31536**

This letter will serve as notice that first production on the subject well was on 1-3-96 at 2:00 p.m.

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

Sincerely,

**Molly Conrad
Operations Secretary**

/mc

**cc: State of Utah, Division of Oil, Gas, & Mining
Lou Ann Carlson
Bobbie Schuman**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

CONFIDENTIAL

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

3. ADDRESS OF OPERATOR
1601 Lewis Avenue, Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)*
At surface 1994' ENL & 618' FWL
At top prod. interval reported below
At total depth

RECEIVED
FEB 01 1996

14. PERMIT NO. 43-013-31536 DATE ISSUED 10-12-95

5. LEASE DESIGNATION AND SERIAL NO.
U-65210

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.
#12-10-9-17Y

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SW NW Section 10, T9S, R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUDDED 12-7-95 16. DATE T.D. REACHED 12-14-95 17. DATE COMPL. (Ready to prod.) 1-3-96 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5158' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5554' 21. PLUG. BACK T.D., MD & TVD 5498' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD ROTARY TOOLS CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4714' - 5004' Green River

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
LDE/CNL/GR DDL/GR CBL/GR
MUD LOG 1-23-96

27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259.16'	12-1/4"	160 sxs Class "G" w/additives	NONE
5-1/2"	15.5#	5548.55'	7-7/8"	400 sxs Super "G" w/additives 250 sxs 50/50 POZ w/additives	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5063.35'	n/a

31. PERFORATION RECORD (Interval, size and number)

4714' - 4725' (11 holes)
5000' - 5004' (4 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4714' - 4725'	Break down w/1680 gals 2% KCL water.
5000' - 5004'	Break down w/ 1680 gals 2% KCL water.
4714' - 5004'	Frac with 70m040# 16/30 mesh sand w/12,978 gals 2% KCL gelled water.

33.* PRODUCTION

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

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

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

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 Molly Comrad TITLE Operations Secretary DATE 2-5-96

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

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.

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Uinta Green River Horseshoe Bench 2nd Garden Gulch Y-2 SS Yellow Marker Douglas Creek R-2 SS R-5 SS 2nd Douglas Creek Green Marker G-5 SS Black Shale Facies Carbonate Marker B-1 SS	Surface 1382' 2170' 3754' 4036' 4362' 4525' 4633' 4710' 4764' 4905' 5046' 5162' 5355' 5390'	Surface 1382' 2170' 3754' 4036' 4362' 4525' 4633' 4710' 4764' 4905' 5046' 5162' 5355' 5390'

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

1994' FNL & 618' FWL

PTD: 5,600' Formation: Green River

Monument Butte

Elevations: 5158' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 12-7-95 @ 6 p.m.

Casing: 8-5/8", J-55, 24# @ 259.16'

5-1/2", J-55, 15.5#, @ 5548.55'

Tubing: 2-7/8", J-55 6.5# @ 5063.35' KB

---TIGHT HOLE---

11-27/12-6-95 Build location & install pit liner.

DC: \$8000

CC: \$8000

12-8-95 TD: 275' (275') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC

MIRU. Drill rat hole, set conductor pipe & NU air bowl. Drill 12-1/4" hole, blow hole, TOOH, ND air bowl. Run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8" shoe jt 41.60'

Baffle Plate ---

5 jts 8-5/8" 24# J-55 206.96'

249.16'

Landing jt 10.00'

Csg set @ 259.16'

Cmt by BJ w/160 sxs Class "G" w/2% CCL & 1/4#/sx CelloSeal. 4 bbls cmt back to pit. Plug down @ 2:30 a.m. Well spud @ 6 p.m. 12-7-95.

DC: \$10,924

CC: \$18,924

12-9-95 TD: 11,86' (911') day 2

Formation: Uintah

MW air & mist

Present Operation: Drilling

WOC, NU & test BOP & manifold to 2000# - OK. Test csg 1500 - OK. TIH & drill cmt. Drill, cmt & clean on rig.

DC: \$26,312

CC: \$45,236

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 12-10-95 TD: 2,663' (1,477') Day 3
Formation: Horsebench SS
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. BGG 120 to 200 units, CG 500 to 600 units.
DC: \$19,302 CC: \$64,538
- 12-11-95 TD: 3,835' (1,172') Day 4
Formation: 2nd Garden Gulch
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. BGG 120 to 150 units, CG 350 to 450 units.
DC: \$16,938 CC: \$81,476
- 12-12-95 TD: 4,179' (344') Day 5
Formation: Y-Zone
MW 8.5 VIS 26 pH 10
Present Operation: Drilling
Drill, pump 800 BW down hole, did not circ, aireate wtr & get circ. Drill 30' more & trip for bit. Trying to aireate wtr & drill, no returns.
DC: \$7,827 CC: \$89,303
- 12-13-95 TD: 4,709' (530') Day 6
Formation: R-Zone
MW air & mist
Present Operation: Drilling
Drill, TOOH, change to air bit, RU second air pack & blow wtr out to btm, blow every 2 or 3 stds. Drill w/lots of soap. R-2 sand - very little gas, no oil show. BGG 20 units, CG 110 to 130 units.
DC: \$13,462 CC: \$102,765
- 12-14-95 TD: 5,454' (745') Day 7
Formation: B-Zone
MW air & mist
Present Operation: Circ for logs.
Drill, got stuck making connection @ 5454'. Put mud pump on hole & get loose. Circ for logs. BGG 40 to 60 units, CG 300 to 400 units.
DC: \$11,894 CC: \$114,659

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 12-15-95 TD: 5,554' (0') Day 8**
Formation: B-Zone
MW 8.6 VIS 32
Present Operation: Wash over fish.
Circ for logs, pump 2 sweeps. Start out of hole & pull 6', "stuck", Kelly up, circ, & get loose. Circ & work pipe about 10', mix gel & fill hole w/34 VIS mud & polymer & work pipe. Get 18' to 20' of first jt out, bridge off, no circ & can't move. Free point stuck @ 1950', back off @ 1900'. TOOH & PU 5 jts wash pipe, 6 drill collars, jars & bumper sub. Washed over to 1970'.
DC: \$11,140 **CC: \$125,799**
- 12-16-95 TD: 5,554' (0') Day 9**
Formation: B-Zone
Present Operation: Trip out with fish.
Wash over fish, very hard washing 1980'-2000', 2015'-30', 2045'-50'. Wash to 2094'. Trip out. Stand washpipe in derrick. Trip in with cut lip sub, bumper sub, acelerator sub, jars and 8 drill colalrs. Screw into fish and put 210,000. Trip jars 3 times and pull fish. Could not circulate. Pull wet and chain out.
DC: \$ 9,336 **CC: \$135,135**
- 12/17/95 TD: 5,554' (0') Day 10**
Present operation: Logging
Trip out with fish. LD all fishing tools. Clean rig, haul fishing tools off. TIH. Wash 40' to bottom. Circulate for logs. Hole sloughing gilsonite - can't get off bottom with pump off. Weight mud up to 9.4, 42 VIS with sea mud and bar and KCL. TOOH. RU loggers, log well.
DC: \$26,991 **CC: \$162,126**
- 12/18/95 Present operation: Moving off**
Logging, TIH, LD DP and collars. Change pipe rams and test BOP to 2000# - o.k. Run 5-1/2" casing. Circulate. Cement casing, set slips, ND BOP. Clean mud tank. RD. PD at 7 p.m. RR at 11 p.m. 12/17/95.
DC: \$51,455 **CC: \$213,581**
- 12-19-95 Present operation: Completing**
MI RU Cannon Well Service Rig #2. NU 5M wellhead, NU BOP. TIH w/4-3/4" bit, casing scraper, & 177 jts 2-7/8: tubing. Tag PBD at 5498' KB. Circulate hole clean w/125 bbls 2% KCL water. TOOH w/tubing, scraper, and bit.
DC: \$4,906 **CC: \$218,487**

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

12-20-95

Completion

RU Schlumberger to run CBL from 5480' KB to 1140' KB, TOC @ 1340' KB. Perf 4714' - 25' (11 holes) & 5000'-5004' (4 holes). RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, packer, 2-3/8" x 2-7/8" crossover, SN & 152 jts 2-7/8" tbg. Set BP @ 4764' KB, EOT @ 4699' KB, packer @ 4692' KB. RU BJ to break down 4714'-25 w/1680 gals 2% KCL wtr, ATP 2000 psi, ATR 4.5 bpm, ISIP 1700. Reset BP @ 5069' KB, EOT @ 4973' KB, & packer @ 4966' KB. Break down 5000'-5004' w/1680 gals 2% KCL wtr, ATP 2500 psi, ATR 4.5 bpm, ISIP 1750 spi. TOOH w/tbg, packer & retrieving tool. RU BJ to frac 4714'-5004 w/70,040# 16/30 mesh sand w/12,978 gals 2% KCL gelled wtr. ATP 3300 psi, ATR 34 bpm. ISIP 3800 psi, 5 min 2370 psi, 10 min 2160 psi, 15 min 1960 psi. SWIFN.

DC: \$31,368

CC: \$249,855

12-21-95

Completion

Bleed well down, flow back 10 BW. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 91 jts 2-7/8" tbg. Tag sand bridge from 520' to 530' KB. Tag sand fill @ 2874' KB. Circ down to BP @ 5069' KB. Set packer @ 4692' KB. SIWFN. 389 BLWTR.

DC: \$2,120

CC: \$251,975

12-22-95

Completion

Thaw well head. Made 30 swab runs & recovered 3 BO & 147 BW. 5% oil last 3 runs. FL 2750' last 3 runs. No sand last 6 runs, good gas. Release packer, tag sand @ 5033' KB, circ down to BP @ 5069' KB. Release BP & TOOH w/tbg, packer & BP. SWIFN. 242 BLWTR.

DC: \$2,065

CC: \$254,040

12-23-95

Completion

TIH w/tbg production string as follows:

	LENGTH	DEPTH KB
1 - Notched Collar	.40'	5063.35'
1 - jt 2-7/8" EUE J-55 6.5#	28.60'	5062.95'
1 - Perf Sub 2-7/8" x 4'	4.20'	5034.35'
1 - SN	1.10'	5030.15'
11 - jts 2-7/8" EUE J-55 6.5#	338.14'	5029.05'
1 - Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4690.91'
150 - jts 2-7/8" EUE J-55 6.5#	4678.56'	4688.56'
KB	10.00'	

ND BOP & 5M wellhead, NU 3M well head. Set Tbg anchor w/12" tension. Flange up well head. TIH w/rod production string as follows:

- 1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger
- 200 - 3/4" x 25' D-61 Plain rods
- 1 - Polish rod 1-1/4" X 22'

Pressure test to 1000 psi - OK. RDMO.

DC: \$1,545

CC: \$255,585

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

5. Lease Designation and Serial No.
U-65210

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

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

8. Well Name and No.
Balcon Monument Fed. #12-10-9-17Y

9. API Well No.
43-013-31536

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

11. County or Parish, State
Duchesne County, Utah

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: 1994' FNL & 618' FWL
 TD: _____

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

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

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

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

Attached is the Site Security Diagram for this well.

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

Signed Molly Comack Title Operations Secretary Date 2-5-96

(This space for Federal or State office use)

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

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

***See Instruction on Reverse Side**

Equitable Resources Energy Company
 Balcron Federal 12-10-9-17Y
 Production Facility Diagram

EXHIBIT "J"

Access Road



Balcron Federal 12-10-9-17Y
 SW NW Sec. 10, T9S, R17E
 Duchesne County, Utah
 Federal Lease #U-65210
 1994' FNL, 618' FWL

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

DIKE

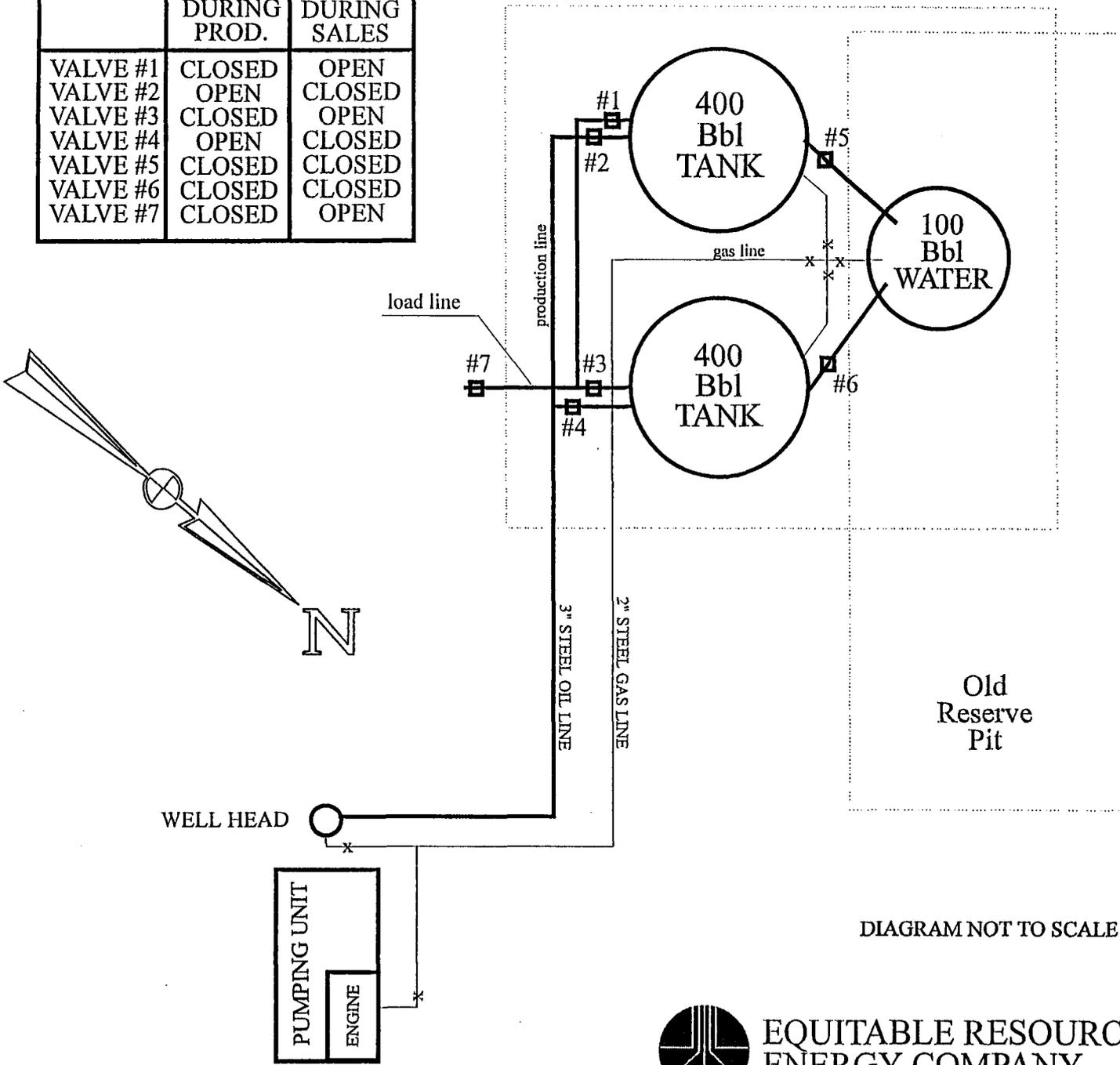


DIAGRAM NOT TO SCALE



EQUITABLE RESOURCES
 ENERGY COMPANY

BALCRON OIL DIVISION

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

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

5. Lease Designation and Serial No.
U-65210

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

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

8. Well Name and No.
Balcon Monument Fed. #12-10-9-17Y

9. API Well No.
43-013-31536

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

11. County or Parish, State
Duchesne County, Utah

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: 1994' FNL & 618' FWL
 TD: _____

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<u>Onshore Order #7</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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

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

Signed Molly Conrad Title Operations Secretary Date 2-5-96
 (This space for Federal or State office use)

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

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

*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument Federal #12-10-9-17Y

API number: 43-013-31536

2. Well Location: QQ SW NW Section 10 Township 9S Range 17E County Duchesne

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division

Address: 1601 Lewis Avenue
Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Old Route 33 West
Buckhannon, WV 26201

Phone: (304) 472-4610

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

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

6. Formation tops: Please see original completion Report

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

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

Date: 2-6-96

Name & Signature: Molly Conrad, Molly Conrad

Title: Operations Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
2210 (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-65210	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESERV. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcon Oil Division		7. UNIT AGREEMENT NAME n/a	
3. ADDRESS OF OPERATOR 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860		8. FARM OR LEASE NAME Balcon Monument Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1994' ENL & 618' FWL At top prod. interval reported below At total depth		9. WELL NO. #12-10-9-17Y	
14. PERMIT NO. 43-013-31536		DATE ISSUED 10-12-95	
15. DATE SPUNDED 12-7-95	16. DATE T.D. REACHED 12-14-95	17. DATE COMPL. (Ready to prod.) 1-3-96	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5158' GL
20. TOTAL DEPTH, MD & TVD 5554'		21. PLUG, BACK T.D., MD & TVD 5498'	19. ELEV. CASINGHEAD n/a
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4714' - 5004' Green River		22. IF MULTIPLE COMPL., HOW MANY* n/a	23. INTERVALS DRILLED BY SFC - ID
26. TYPE ELECTRIC AND OTHER LOGS RUN LDL/CNL/GR DLL/GR CBL/GR MUD LOG 1-23-96		25. WAS DIRECTIONAL SURVEY MADE No	
27. WAS WELL CORED No		25. WAS DIRECTIONAL SURVEY MADE No	

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259.16'	12-1/4"	160 sxs Class "G" w/additives	NONE
5-1/2"	15.5#	5548.55'	7-7/8"	400 sxs Super "G" w/additives	None
				250 sxs 50/50 POZ w/additives	

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"	5063.35'	n/a

31. PERFORATION RECORD (Interval, size and number) 4714' - 4725' (11 holes) 5000' - 5004' (4 holes)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
4714' - 4725'	Break down w/1680 gals 2% KCL water.		
5000' - 5004'	Break down w/ 1680 gals 2% KCL water.		
4714' - 5004'	Frac with 70m40# 16/30 mesh sand w/12,978 gals 2% KCL gelled water.		

33.* PRODUCTION

DATE FIRST PRODUCTION 1-3-96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump			WELL STATUS (Producing or shut-in) Producing		
DATE OF TEST 1-28-96	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 25.33	GAS—MCF. N.M.	WATER—BBL. 0	GAS-OIL RATIO N.M.
FLOW. TUBING PRESS. n/a	CASING PRESSURE n/a	CALCULATED 24-HOUR RATE →	OIL—BBL. 25.33	GAS—MCF. N.M.	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 34	

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 Molly Comrad TITLE Operations Secretary DATE 2-5-96
Corrected 2-16-96

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

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 omissions in any matter within the jurisdiction of such department or agency.

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Uinta	Surface	Surface
				Green River	1382'	1382'
				Horseshoe Bench	2170'	2170'
				2nd Garden Gulch	3754'	3754'
				Y-2 SS	4036'	4036'
				Yellow Marker	4362'	4362'
				Douglas Creek	4525'	4525'
				R-2 SS	4633'	4633'
				R-5 SS	4710'	4710'
				2nd Douglas Creek	4764'	4764'
				Green Marker	4905'	4905'
				G-5 SS	5046'	5046'
				Black Shale Facies	5162'	5162'
				Carbonate Marker	5355'	5355'
				B-1 SS	5390'	5390'



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

February 20, 1996

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

Mr. Ed Forsman:

RE: Balcron Monument Federal #12-10-9-17Y
SW NW Section 10, T9S, R17E
Duchesne County, Utah

Enclosed for your files is the corrected Completion Report.

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

Sincerely,

Molly Conrad
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining:
Mark Mauritsen - Yates Petroleum

2 2 1996

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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓	BALCRON FEDERAL 42-19Y							
4304732616	11756 09S 18E 19		GRRV					
✓	BALCRON FEDERAL 12-20Y							
4304732617	11758 09S 18E 20		GRRV					
✓	BALCRON FEDERAL 32-19Y							
4304732615	11771 09S 18E 19		GRRV					
✓	BALCRON MONUMENT FEDERAL 24-25							
4304732669	11825 08S 17E 25		GRRV					
✓	BALCRON MONUMENT FEDERAL 34-25							
4304732670	11831 08S 17E 25		GRRV					
✓	BALCRON MONUMENT FEDERAL 22-22-8-17Y							
01331538	11842 08S 17E 22		GRRV					
✓	BALCRON MONUMENT FEDERAL 11-22-8-17Y							
4301331539	11845 08S 17E 22		GRRV					
✓	BALCRON MONUMENT FEDERAL 11-20-9-18Y							
4304732712	11846 09S 18E 20		GRRV					
✓	BALCRON MONUMENT FEDERAL 22-20-9-18Y							
4304732711	11852 09S 18E 20		GRRV					
✓	BALCRON MONUMENT FEDERAL 14-3-9-17Y							
4301331535	11857 09S 17E 3		GRRV					
✓	BALCRON MONUMENT FEDERAL 21-10-9-17Y							
4301331537	11859 09S 17E 10		GRRV					
✓	BALCRON MONUMENT STATE 21-2-9-17							
4304732703	11863 09S 17E 2		GRRV					
✓	BALCRON MONUMENT FEDERAL 12-10-9-17Y							
4301331536	11867 09S 17E 10		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

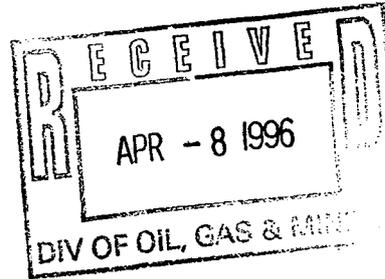
BALCRON OIL DIVISION

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

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

County: See attached list

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

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- 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

- 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

Approximate date work will start _____

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.

APR - 8 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LEG 7-SJ
2- DTS 8-FILE
3-VLD (GIL)
4-RJE
5- LEG
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 **KKK Operator Name Change Only**

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

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

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

Name: **SEE ATTACHED**	API: <u>013-31536</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) Schem Ins. Co. (Bond Rider In Progress)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING KB refilmed w/file 2.5.97
WSP 1. 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
9/20/10 Blm/BIA "Formal approval not necessary"

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

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

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

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

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>Change of Operator</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.)*

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 BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED
OCT 10 1997

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

Signed

Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Title

Date

9/30/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

RECEIVED

OCT 10 1997



October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

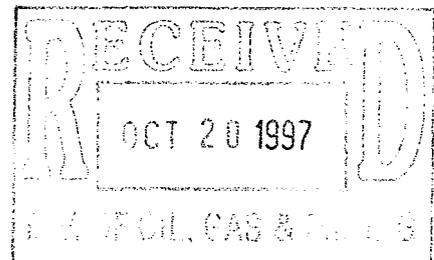
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BALCRON MONUMENT STATE 12-2								
4301331481	11745	09S 17E 2	GRRV			ML45555		
BALCRON FEDERAL 31-19Y								
4304732614	11751	09S 18E 19	GRRV			U65635		
BALCRON FEDERAL 42-19Y								
4304732616	11756	09S 18E 19	GRRV			"		
BALCRON FEDERAL 12-20Y								
4304732617	11758	09S 18E 20	GRRV			U64917		
BALCRON FEDERAL 32-19Y								
4304732615	11771	09S 18E 19	GRRV			U65635		
BALCRON MONUMENT FEDERAL 22-22-8-17Y								
4301331538	11842	08S 17E 22	GRRV			U67845		
BALCRON MONUMENT FEDERAL 11-22-8-17Y								
4301331539	11845	08S 17E 22	GRRV			U66191		
BALCRON MONUMENT FEDERAL 11-20-9-18Y								
4304732712	11846	09S 18E 20	GRRV			U64917		
BALCRON MONUMENT FEDERAL 22-20-9-18Y								
4304732711	11852	09S 18E 20	GRRV			"		
BALCRON MONUMENT FEDERAL 14-3-9-17Y								
4301331535	11857	09S 17E 3	GRRV			U64381		
BALCRON MONUMENT FEDERAL 21-10-9-17Y								
4301331537	11859	09S 17E 10	GRRV			U65210		
BALCRON MONUMENT STATE 21-2-9-17Y								
4304732703	11863	09S 17E 2	GRRV			ML45555		
BALCRON MONUMENT FEDERAL 12-10-9-17Y								
4301331536	11867	09S 17E 10	GRRV			U65210		
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____



United States Department of the Interior

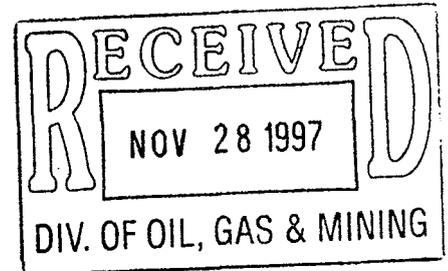
BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:
3162.3
UT08438

November 13, 1997



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

43-013-31536
Re: Well No. Mon. Fed. 12-10-9-17Y
SWNW, Sec. 10, T9S, R17E
Lease U-65210
Duchesne County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

INLAND

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



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

OPERATOR CHANGE WORKSHEET

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

Routing	
1-JEC ✓	6-VFC ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

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

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

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

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31536</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Jec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
- Jec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Jec 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.
- Jec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above.
- Jec 6. Jec Cardex file has been updated for each well listed above. *(12-2-97)* *(12-3-97)*
- Jec 7. Well file labels have been updated for each well listed above. *(12-3-97)*
- Jec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
- Jec 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

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 12/5/97 19 , of their responsibility to notify all interest owners of this change.

FILMING

- WJ 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

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

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-65210

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BALCRON MONUMENT FEDERAL 12-10 Y

9. API Well No.
43-013-31536

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1994 FNL 0618 FWL SW/NW Section 10, T09S R17E

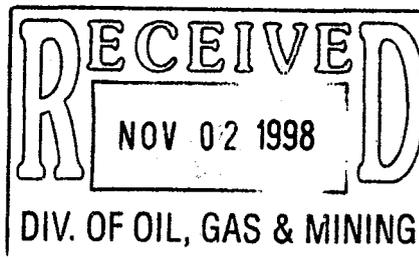
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input 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 Site Security
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Attached please find the site security diagram for the above referenced well.



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

Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 10/30/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

Inland Production Company Site Facility Diagram

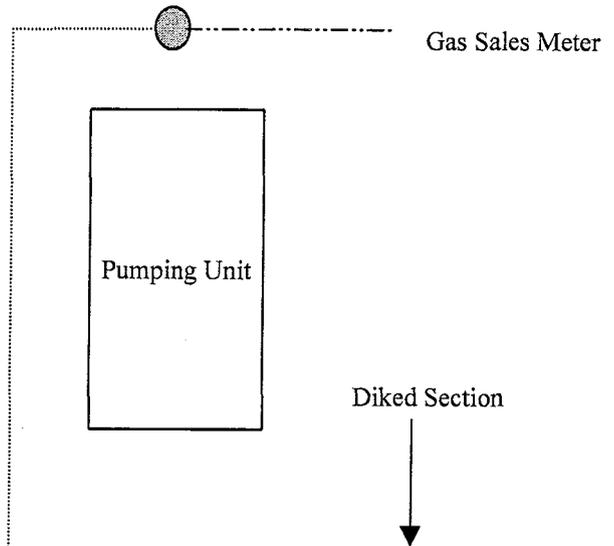
Federal 12-10Y

SW/NW Sec. 10, T9S, 17E

Duchesne County

May 12, 1998

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



Production Phase:

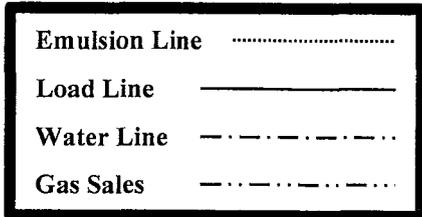
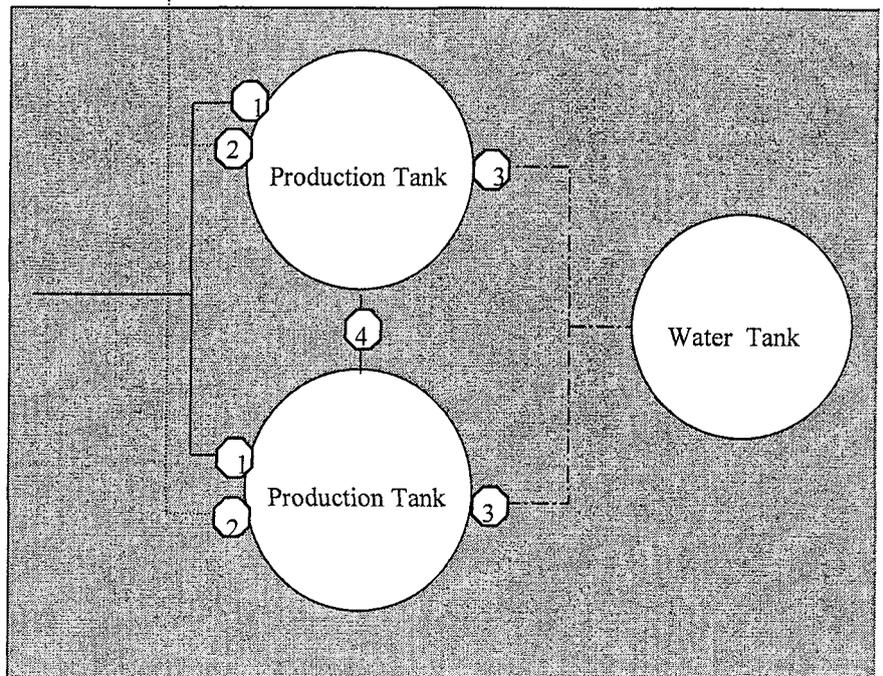
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

Draining Phase:

- 1) Valve 3 open



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

OPERATOR: INLAND PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11867	12704	43-013-31536	Monument Federal #12-10Y*	SWNW	10	9S	17E	Duchesne		3/1/2000
WELL 2 COMMENTS: Moved well to BlackJack Unit <i>000514 Entity Added</i>											
D	11857	12704	43-013-31535	Federal #14-3Y	SWSW	3	9S	17E	Duchesne		3/1/2000
WELL 2 COMMENTS: Moved well to BlackJack Unit <i>000514 Entity Added.</i>											
D	11859	12704	43-013-31537	Federal #21-10Y	NENW	10	9S	17E	Duchesne		3/1/2000
WELL 3 COMMENTS: Moved well to BlackJack Unit <i>000514 Entity Added.</i>											
D	11501	12704	43-013-31395	Federal #22-10Y	SENW	10	9S	17E	Duchesne		3/1/2000
WELL 4 COMMENTS: Moved well to BlackJack Unit <i>000514 Entity Added</i>											
D	11493	12704	43-013-31397	Federal #24-3Y	SESW	3	9S	17E	Duchesne		3/1/2000
WELL 5 COMMENTS: Moved well to BlackJack Unit <i>000514 Entity Added.</i>											

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.

RECEIVED

MAY 11 2000

DIVISION OF
 OIL, GAS AND MINING

Lebbie S Jones
 Signature
 Production Clerk
 Title
 May 9, 2000
 Date

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. UTU-65210
6. If Indian, Allottee or Tribe Name NA
7. If unit or CA, Agreement Designation Blackjack Unit
8. Well Name and No. Balcron Mon Fed 12-10Y
9. API Well No. 43-013-31536
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other
2. Name of Operator Inland Production Co.
3. Address and Telephone No. (303) 893-0102 410 Seventeenth Street, Suite 700 Denver, CO 80202
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW 1994' FNL & 618' FWL SEC. 10, T9S, R17E

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct. Signed Joyce I. McGough Title Regulatory Specialist Date 11/30/01

(This space of Federal or State office use.)

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

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



November 30, 2001

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

RE: Balcron Monument Federal #12-10Y-9-17
Section 10-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Forsman:

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

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

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures



November 30, 2001

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

Re: Permit Application for Water Injection Well
Balcron Monument Federal #12-10Y-9-17
Monument Butte Field, Blackjack Unit, Lease #UTU-65210
Section 10-Township 9S-Range 17E
Duchesne County, Utah

UIC-283.2

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Balcron Monument Federal #12-10Y-9-17 from a producing oil well to a water injection well in the Blackjack Unit of Monument Butte Field.

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

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosure

RECEIVED

DEC 10 2001

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

BALCRON MONUMENT FEDERAL #12-10Y-9-17

MONUMENT BUTTE (GREEN RIVER) FIELD

LEASE #UTU-65210

BLACKJACK UNIT

NOVEMBER 30, 2001

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STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
 ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Balcron Monument Federal #12-10Y-9-17
 Field or Unit name: Monument Butte (Green River) Blackjack Unit Lease No. UTU-65210
 Well Location: QQ SW/NW section 10 township 9S range 17E county Duchesne

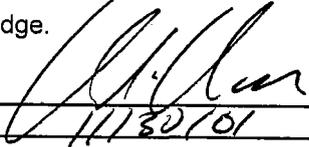
Is this application for expansion of an existing project? Yes No
 Will the proposed well be used for: Enhanced Recovery? Yes No
 Disposal? Yes No
 Storage? Yes No
 Is this application for a new well to be drilled? Yes No
 If this application is for an existing well,
 has a casing test been performed on the well? Yes No
 Date of test: _____
 API number: 43-013-31536

Proposed injection interval: from 3754' to 5390'
 Proposed maximum injection: rate 500 bpd pressure 2000 psig
 Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
 mile of the well.

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

List of Attachments: Attachments "A" through "R"

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

Name: W. T. War Signature 
 Title: Vice President Date: 11/30/01
 Phone No. (303) 893-0102

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

Comments:

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION (Collected under the authority of the Safe Drinking Water Act. Sections 1421, 1422, 40 CFR 144)	I. EPA ID NUMBER <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;"></td> <td style="width:10%; text-align: center;">T/A</td> <td style="width:10%; text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">U</td> <td></td> <td></td> </tr> </table>		T/A	C	U		
	T/A	C						
U								

READ ATTACHED INSTRUCTIONS BEFORE STARTING
FOR OFFICIAL USE ONLY

Application Approved <small>mo day year</small>	Date Received <small>mo day year</small>	Permit/Well Number	Comments
		43-013-31536	

II. FACILITY NAME AND ADDRESS	III. OWNER/OPERATOR AND ADDRESS
Facility Name Balcron Monument Federal #12-10Y-9-17	Owner/Operator Name Inland Production Company
Street Address Section 10 - Township 9S - Range 17E	Street Address 410 17th Street, Suite 700
City Duchesne County	City Denver
State Utah	State CO
Zip Code	Zip Code 80202

IV. OWNERSHIP STATUS (Mark 'x')	V. SIC CODES
<input checked="" type="checkbox"/> A. Federal <input type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)	

VI. WELL STATUS (Mark 'x')			
<input checked="" type="checkbox"/> A. Operating	Date Started		<input checked="" type="checkbox"/> B. Modification/Conversion <input type="checkbox"/> C. Proposed
	<small>mo</small>	<small>day</small>	
	1	3	96

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input checked="" type="checkbox"/> A. Individual <input type="checkbox"/> B. Area Minor Modification	Number of Existing wells 6	Number of Proposed wells 1	Name(s) of field(s) or project(s) Blackjack Unit

VIII. CLASS AND TYPE WELL (see reverse)			
A. Class(es) <small>(enter codes(s))</small> II	B. Type(s) <small>(enter codes(s))</small> R	C. If class is "other" or type is code 'x', explain NA	D. Number of wells per type (if area permit) 1

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT												X. INDIAN LANDS (Mark 'x')			
A. Latitude			B. Longitude			Township and Range						<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<small>Deg</small>	<small>Min</small>	<small>Sec</small>	<small>Deg</small>	<small>Min</small>	<small>Sec</small>	<small>Twsp</small>	<small>Range</small>	<small>Sec</small>	<small>¼ Sec</small>	<small>Feet from</small>	<small>Line</small>				
1						9S	17E	10	SWNW	1994	N	618	W		

XI. ATTACHMENTS

(Complete the following questions on a separate sheet(s) and number accordingly; see instructions)
 FOR CLASSES I, II, III (and other classes) complete and submit on separate sheet(s) Attachments A -- U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.

XII. 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 including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)	
A. Name and Title (Type or Print) W. T. War / Vice President	B. Phone No. (Area Code and No.) 303-893-0102
C. Signature 	D. Date Signed 11/30/01

WORK PROCEDURE FOR INJECTION CONVERSION

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

Balcron Monument Federal #12-10-9-17

Spud Date: 12-7-95
 Put on Production: 1-3-96
 GL: 5158' KB: 5168'

Initial Production: 25 BOPD,
 0 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (249.16')
 DEPTH LANDED: 259.16'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

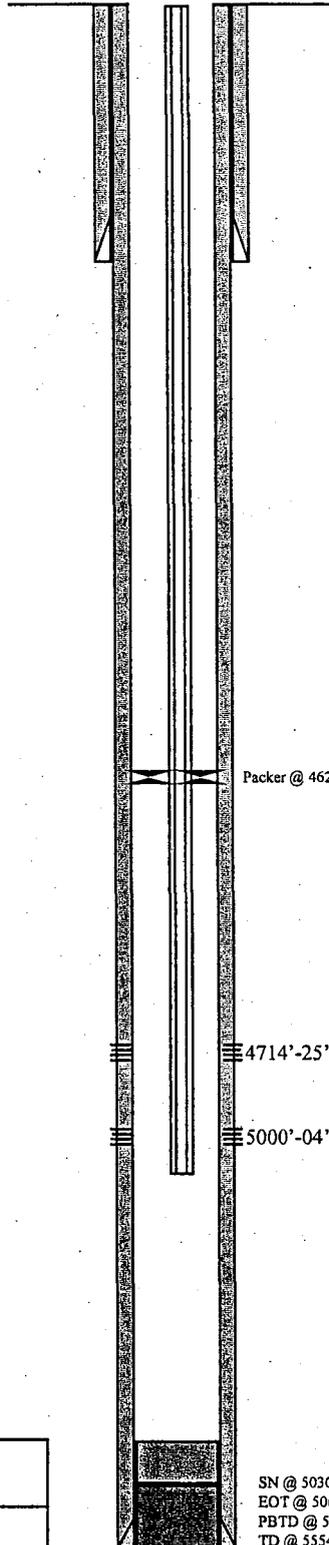
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts. (5538.55')
 DEPTH LANDED: 5548.55'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
 CEMENT TOP AT: 1340' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / 6.5# / J-55
 NO. OF JOINTS: 150 jts
 TUBING ANCHOR: 4690'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5063'
 SN LANDED AT: 5030'

Proposed Injection Wellbore Diagram



FRAC JOB

12-20-95 4714'-5004' Frac sand as follows:
 12,978 gals 2% KCL gelled water and
 70,040# 16/30 sand. Treated w/avg press
 of 3300 psi w/avg rate of 34 BPM. ISIP-
 3800 psi, 5 min 2370 psi. Screened out.

PERFORATION RECORD

12-20-95	4714'-4725'	1 JSPF	11 holes
12-20-95	5000'-5004'	1 JSPF	4 holes



Inland Resources Inc.
 Balcron Monument Federal #12-10-9-17Y
 1994 FNL 618 FWL
 SWNW Section 10-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31536; Lease #UTU-65210

SN @ 5030'
 EOT @ 5063'
 PBTD @ 5498'
 TD @ 5554'

ATTACHMENT A

AREA OF REVIEW METHODS

Give the methods and, if appropriate, the calculations used to determine the size of the area of review (fixed radius or equation). The area of review shall be a fixed radius of 1/4 mile from the well bore unless the use of an equation is approved in advance by the Director.

The area of review shall be a fixed radius of 1/2 mile from the Balcron Monument Federal #12-10Y-9-17. Inland Production Company has chosen to use a fixed radius of 1/2 mile to satisfy the requirements of both the EPA and the State of Utah.

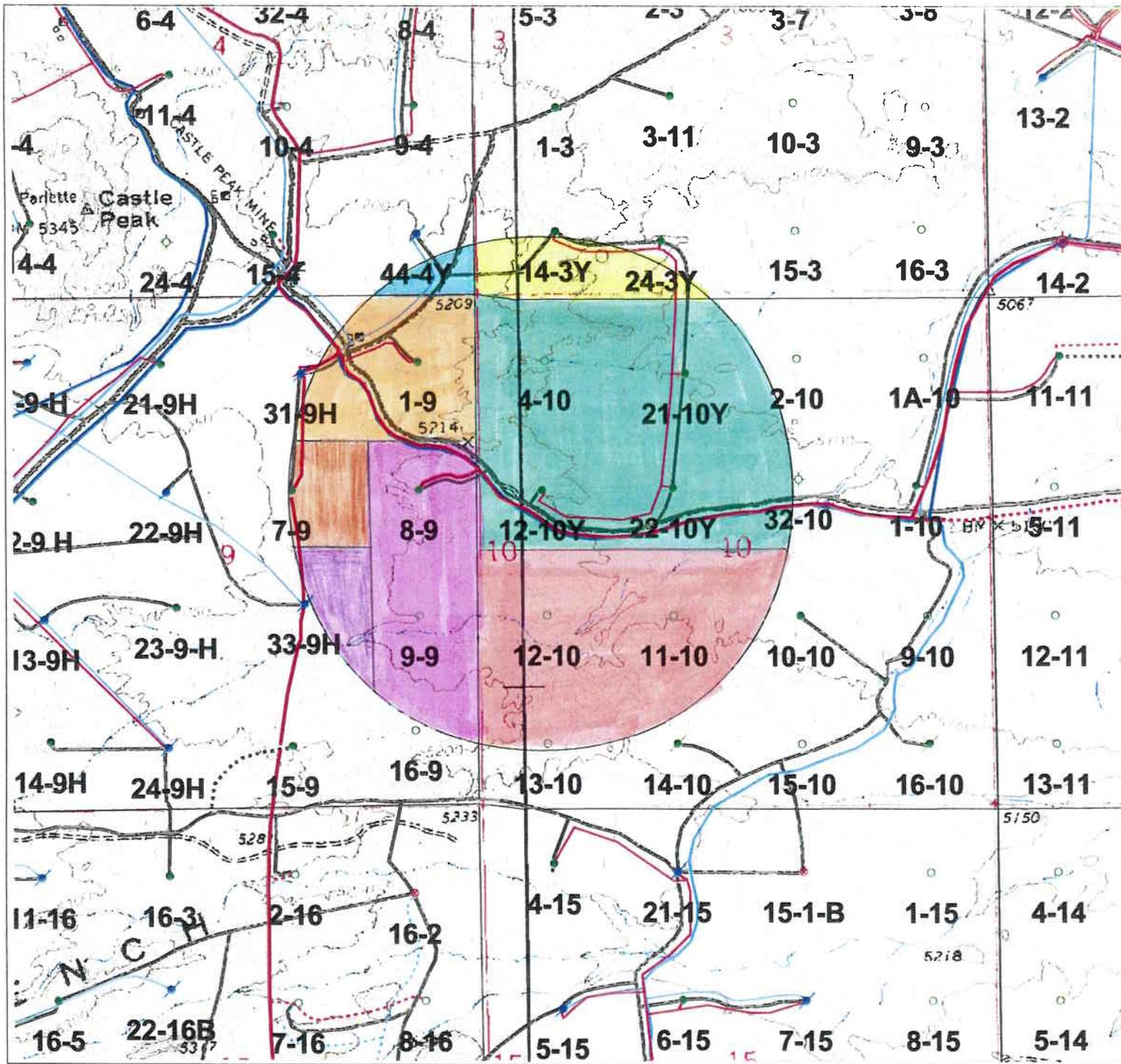
Attachment A-1 One-half Mile Radius Map

Attachment A-2 Listing of Surface Owners

Attachment A-3 Certification for Surface Owner Notification

Attachment A-4 Well Location Plat

Attachment A-5 Name(s) and Address(s) of Surface Owners



- 1/2 Mile radius
- Water Taps
- Well Categories**
- INJ UTA-65967
- WTR UTA-75037
- SWD UTA-75078
- OIL UTA-65210
- GAS UTA-70821
- DRV UTA-74806
- SHUTIN UTA-50750
- SUSPENDED UTA-61052
- ARND
- LOC
- Compressor Stations**
- Gas 10 Inch
- Gas 6 Inch and larger
- Proposed 6 Inch Gas
- Gas 4 Inch and Smaller
- Proposed Gas
- Gas Buried
- Petroglyph Gasline
- Questar Gasline
- Compressors - Other
- Gas Meters
- Water 6 Inch
- Water 4 Inch
- Water 4 Inch - High Pressure
- Water 4 Inch Poly
- Water 2 to 3 Inch
- Proposed Water
- Johnson Water Line
- Injection Stations
- Pump Stations
- Roads (digitized)**
- Paved
- Dirt
- Proposed
- Two Track
- Private



Attachment A-1
 Mon. Fed. 12-10Y-9-17
 Sec. 10-T9S-R17E

410 17th Street Suite 700
 Denver, Colorado 80202
 Phone: (303) 853-8822

Area Map

LINTA BASIN, UTAH
 Duchesne & Uintah Counties, Utah



Attachment A-2
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 17 East</u> Section 3: S/2S/2 Section 25: S/2S/2 Section 28: All Section 29: SE/4SW/4 Section 31: Lots 2-4, E/2SW/4, W/2SE/4	UTU-75037 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA
2.	<u>Township 9 South, Range 17 East</u> Section 9: Lots 1,2,3	UTU-75078 HBP	Inland Production Company	(Surface Rights) USA
3.	<u>Township 9 South, Range 17 East</u> Section 10: W/2NE/4, NW/4 Section 11: N/2 Section 24: All Section 31: SE/4SE/4	UTU-65210 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries, Inc.	(Surface Rights) USA
4.	<u>Township 9 South, Range 17 East</u> Section 9: Lot 4, E/2SE/4	UTU-74806 HBP	Inland Production Company	(Surface Rights) USA

Attachment A-2

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5.	<u>Township 9 South, Range 17 East</u> Section 4: SE/4SE/4	UTU-65967 HBP	Inland Production Company Yates Petroleum Corporation Yates Drilling Company Abo Petroleum Corporation Myco Industries, Inc.	(Surface Rights) USA
6.	<u>Township 9 South, Range 17 East</u> Section 10: SW/4, W/2SE/4	UTU-70821 HBP	Inland Production Company	(Surface Rights) USA
7.	<u>Township 9 South, Range 17 East</u> Section 9: SW/4NE/4, W/2	UTU-50750 HBP	Inland Production Company Key Production Company	(Surface Rights) USA
8.	<u>Township 9 South, Range 17 East</u> Section 9: W/2SE/4	UTU-61052 HBP	Inland Production Company	(Surface Rights) USA
9.	<u>Township 9 South, Range 17 East</u> Section 4: Baxter Lode "A" Mineral Survey No 5566, Baxter Lode "B" Mineral Survey No 5567, Baxter Lode "C" Mineral Survey No 5565, Baxter Lode "D" Mineral Survey No 5564, Lying in Sections 4 & 9 Section 9: Baxter Lode "E" Mineral Survey No 5563	Ziegler Chemical & Mineral Company	Inland Production Company	

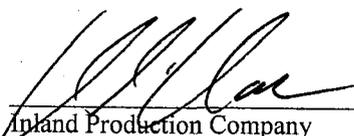
ATTACHMENT A-3

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Re: Application for Approval of Class II Injection Well
Balcron Monument Federal #12-10Y-9-17

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

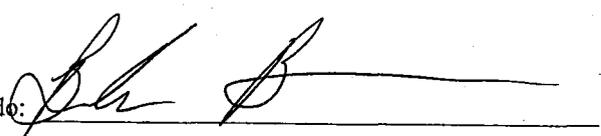
Signed: _____



Inland Production Company
W. T. War
Vice President

Sworn to and subscribed before me this 3rd day of December, 2001.

Notary Public in and for the State of Colorado: _____



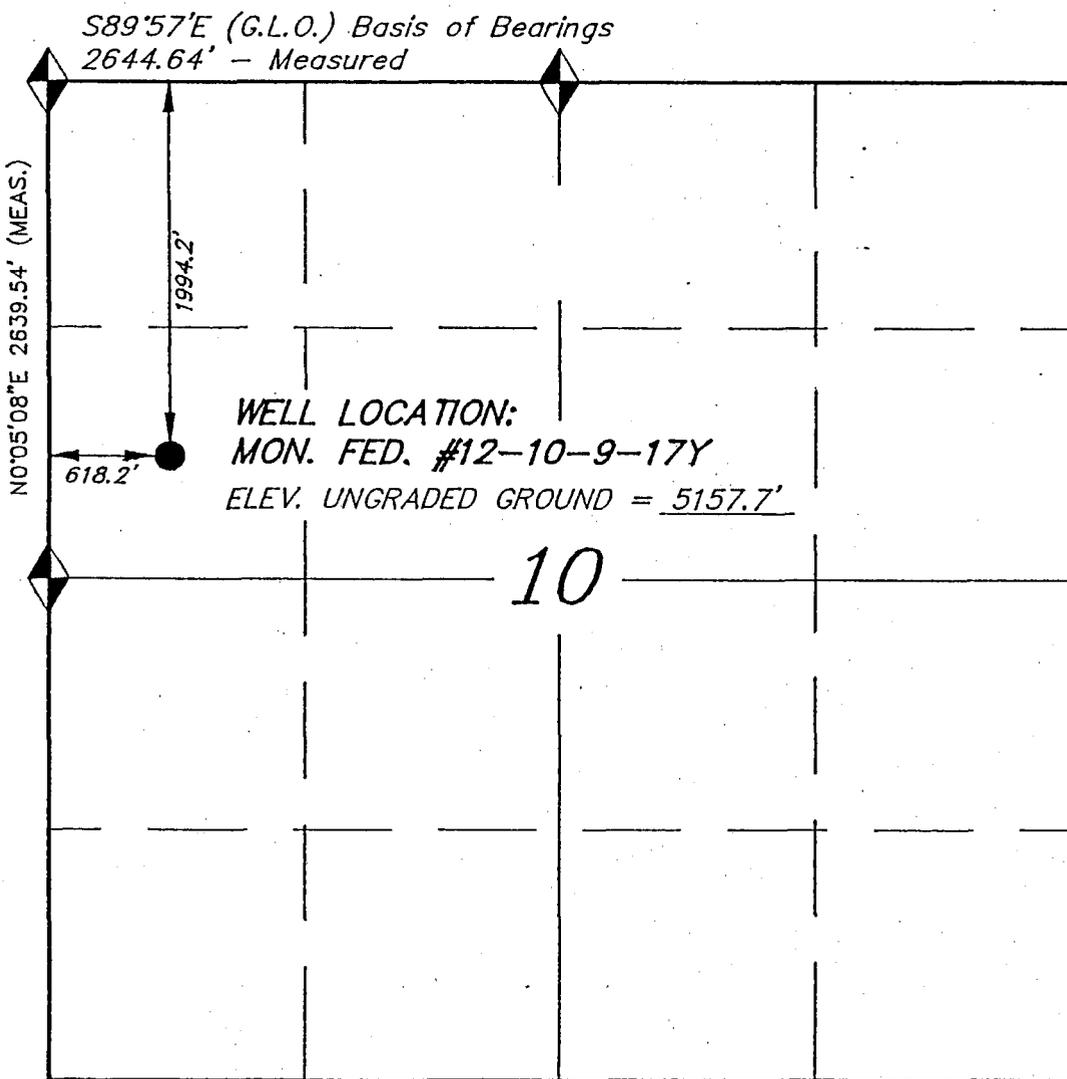
My commission expires: _____

8/29/2005

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #12-10-9-17Y, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 10, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



N0°05'08"E 2639.54' (MEAS.)

S89°57'E (G.L.O.) Basis of Bearings
2644.64' - Measured

1994.2'

WELL LOCATION:
MON. FED. #12-10-9-17Y
ELEV. UNGRADED GROUND = 5157.7'

10

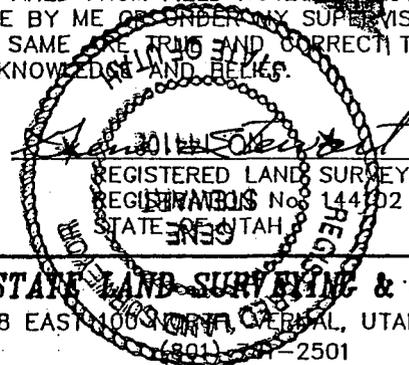
N0°01'W (G.L.O.)

N89°58'W (G.L.O.)

Attachment A-4



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 BELIEFS.



TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, CERRIL, UTAH 84078
(801) 737-2501



= SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. DATED 1909
BASIS OF ELEV; U.S.G.S. 7-1/2 mln QUAD (MYTON SE)

SCALE: 1" = 1000'

SURVEYED BY: GS DA

DATE: 5/24/95

WEATHER: RAINY & COOL

NOTES:

FILE 12-10YL

EXHIBIT "K"

ATTACHMENT A-5

Names and Addresses of Surface Owners

1. USA

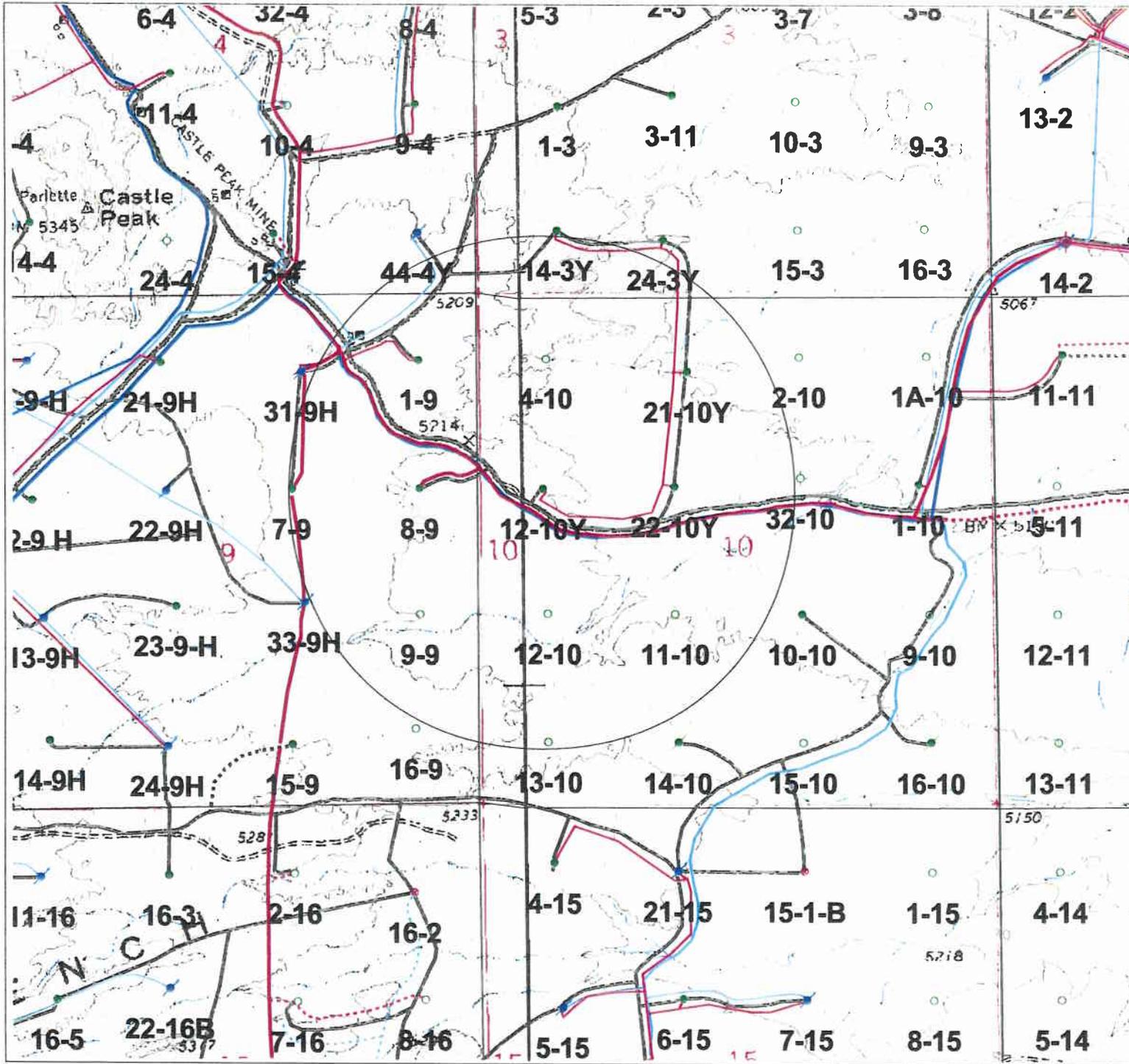
ATTACHMENT B

MAPS OF WELLS/AREA AND AREA OF REVIEW

Submit a topographic map, extending one mile beyond the property boundaries, showing the injection well(s) or project area for which a permit is sought and the applicable area of review.

There are no hazardous waste, treatment, storage or disposal facilities within a one-mile radius of the property boundaries.

Attachment B-1 Area of Review and Existing/Proposed Waterlines



- 1/2 Mile Radius
- ⊕ Water Taps
- Well Categories
 - INJ
 - WTR
 - SWD
 - OIL
 - GAS
 - DRY
 - SHUTIN
 - SUSPENDED
 - ABND
 - LOC
- Compressor Stations
 - Gas 10 Inch
 - Gas 6 Inch and larger
 - Proposed 6 Inch Gas
 - Gas 4 Inch and Smaller
 - Proposed Gas
 - Gas Buried
 - Petroglyph Gasline
 - Questar Gasline
 - Compressors - other
- Gas Meters
 - Water 6 Inch
 - Water 4 Inch
 - Water 4 Inch Poly
 - Water 2 to 3 Inch
 - Proposed water
 - Johnson Water Line
- Injection Stations
 - Pump Stations
- Roads (digitized)
 - Paved
 - Dirt
 - Proposed
 - Two Track
 - Private



Attachment B-1
 Mon. Fed. 12-10Y-9-17
 Sec. 10-T9S-R17E

410 17th Street, Suite 700
 Denver, Colorado 80202
 Phone: (303) 993-0182

Area Map
 UINTA BASIN, UTAH
 Duchesne & Uintah Counties, Utah

P.L.L. Co.



ATTACHMENT C

CORRECTIVE ACTION PLAN AND WELL DATA

Submit a tabulation of data reasonably available from public records or otherwise known to the applicant on all wells within the area of review, including those on the map required in Attachment B, which penetrate the proposed injection zone.

Step rate tests will be performed periodically to determine the fracture pressure. The injection pressure will be kept under the fracture pressure.

Attachment C-1	Wellbore Diagram – Balcron Monument Federal #12-10Y-9-17
Attachment C-2	Wellbore Diagram – Balcron Monument Federal #21-10Y-9-17
Attachment C-3	Wellbore Diagram – Balcron Federal #22-10Y-9-17
Attachment C-4	Wellbore Diagram – Castle Draw #1-9-9-17
Attachment C-5	Wellbore Diagram – Castle Draw #8-9-9-17
Attachment C-6	Wellbore Diagram – Pleasant Valley #7-9-9-17

Balcron Monument Federal #12-10-9-17

Spud Date: 12-7-95
 Put on Production: 1-3-96
 GL: 5158' KB: 5168'

Initial Production: 25 BOPD,
 0 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (249.16')
 DEPTH LANDED: 259.16'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts. (5538.55')
 DEPTH LANDED: 5548.55'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
 CEMENT TOP AT: 1340' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / 6.5# / J-55
 NO. OF JOINTS: 150 jts
 TUBING ANCHOR: 4690'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5063'
 SN LANDED AT: 5030'

SUCKER RODS

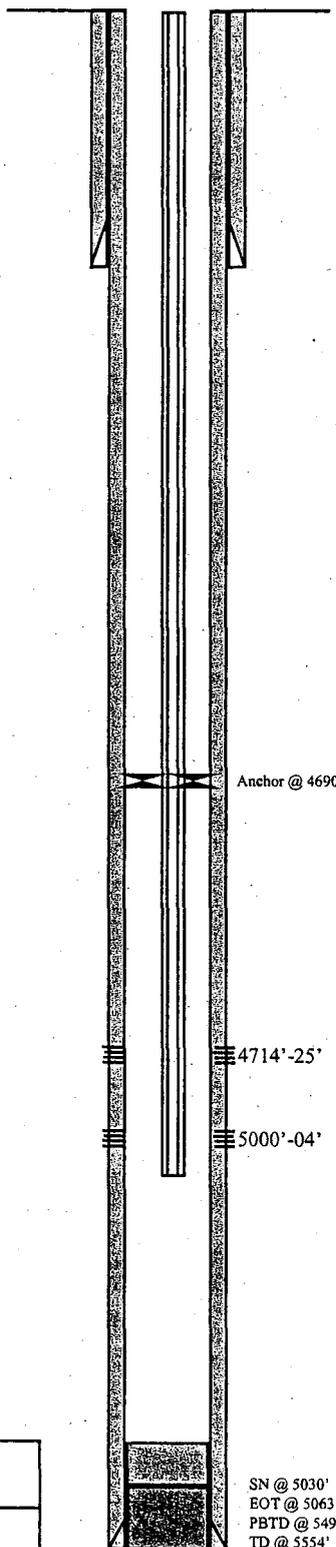
POLISHED ROD: 1-1/4" x 22'
 OTHER RODS: 1 1" x 2' pony, 1 1-1/2" x 25' K-bar, 1 1" x 2' pony, 198-3/4" plain, 3 3/4" x 6' pony, 1 3/4" x 2' pony.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 85"
 PUMP SPEED, SPM: 4.75 SPM
 LOGS:

FRAC JOB

12-20-95 4714'-5004' Frac sand as follows:
 12,978 gals 2% KCL gelled water and
 70,040# 16/30 sand. Treated w/avg press
 of 3300 psi w/avg rate of 34 BPM. ISIP-
 3800 psi, 5 min 2370 psi. Screened out.

PERFORATION RECORD

12-20-95	4714'-4725'	1 JSPF	11 holes
12-20-95	5000'-5004'	1 JSPF	4 holes



SN @ 5030'
 EOT @ 5063'
 PBTD @ 5498'
 TD @ 5554'



Inland Resources Inc.
 Balcron Monument Federal #12-10-9-17Y
 1994 FNL 618 FWL
 SWNW Section 10-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31536; Lease #UTU-65210

Balcron Monument Federal #21-10-9-17Y

Spud Date: 11-20-95
 Put on Production: 12-22-95
 GL: 5097' KB: ??

Initial Production: 10 BOPD, 0
 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts.
 DEPTH LANDED: 259.85'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class G, est 6 bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 128 jts. (5526.52')
 DEPTH LANDED: 5579.74'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sx Super G & 280 sx 50/50 Poz
 CEMENT TOP AT: 1880' per CBL

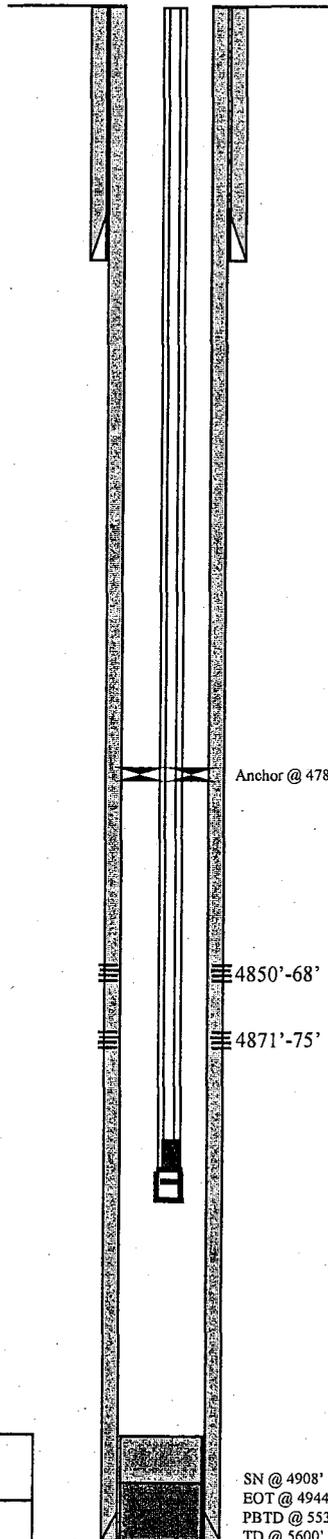
TUBING

SIZE/GRADE/WT: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 159 jts
 TUBING ANCHOR: 4780'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 4944'
 SN LANDED AT: 4908'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: 185-3/4" plain
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS:

Wellbore Diagram



FRAC JOB

12-7-95 4850'-4875'

Frac sand as follows:
 27,594 gals 2% KCL gelled water and
 102,070# 16/30 sand. Perfs broke @
 2640 psi. Treated w/avg press of 2400
 psi w/avg rate of 31.4 BPM. ISIP-2320
 psi, 5 min 2010 psi.

PERFORATION RECORD

12-6-95	4850'-4868'	4 JSPF	72 holes
12-6-95	4871'-4875'	4 JSPF	16 holes

SN @ 4908'
 EOT @ 4944'
 PBTD @ 5530'
 TD @ 5600'



Inland Resources Inc.
 Balcron Monument Federal #21-10-9-17Y
 807 FNL 2120 FWL
 NENW Section 10-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31537; Lease #U-65210

Balcron Federal #22-10Y

Spud Date: 7-25-93
 Put on Production: 8-30-93
 GL: 5121.9' KB: ?

Initial Production: 87 BOPD,
 25 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts.
 DEPTH LANDED: 254.85
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sx Premium, est 7-8 bbbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5824')
 DEPTH LANDED: 5820'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 154 sx Thrifty-Lite & 258 sx 50/50 Poz
 CEMENT TOP AT: 2450' per CBL

TUBING

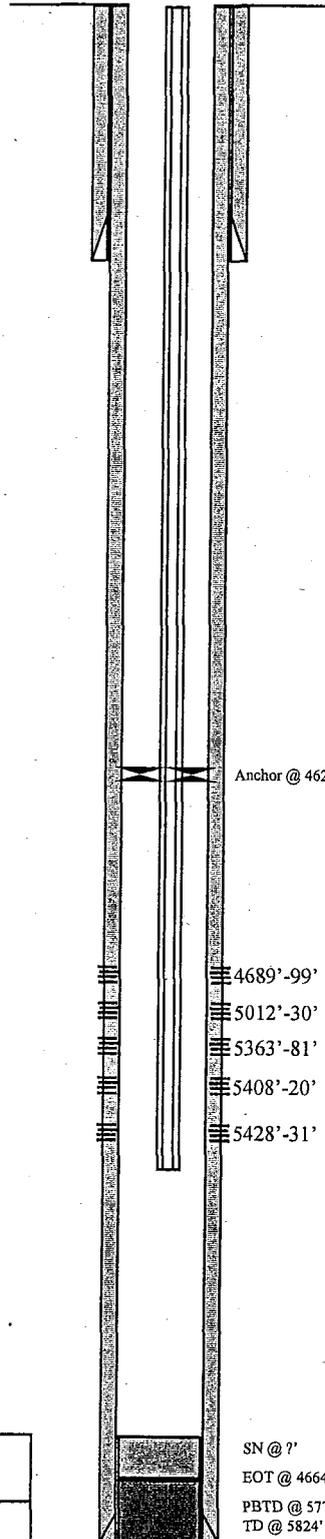
SIZE/GRADE/WT.: 2-7/8" / 4.6# / J-55
 NO. OF JOINTS: 149 jts
 TUBING ANCHOR: 4629'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 4664'
 SN LANDED AT: ?

SUCKER RODS

POLISHED ROD: 1-1/4" x 16'
 SUCKER RODS: 178-3/4" plain
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC
 STROKE LENGTH: 76"
 PUMP SPEED, SPM: 5 SPM
 LOGS:

FRAC JOB

8-13-93	5363'-5431'	Frac sand as follows: 14,112 gals Viking, 26,160# 20/40, and 23,140# 16/30 sand. Perfs broke @ 2800 psi. Treated w/avg press of 1400 psi w/avg rate of 26.4 BPM. ISIP-1450 psi, 5 min 1290 psi.
8-17-93	5012'-5030'	Frac sand as follows: 13,230 gals Viking, 24,440# 20/40, and 21,100# 16/30 sand. Perfs broke @ 2400 psi. Treated w/avg press of 2350 psi w/avg rate of 26 BPM. ISIP-2350 psi, 5 min 2180 psi.
8-17-93	4689'-4699'	Frac sand as follows: 8232 gals Viking and 26,000# 16/30 sand. Perfs broke @ 2100 psi. Treated w/avg press of 2200 psi w/avg rate of 20.6 BPM. ISIP-1990 psi, 5 min 1730 psi.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
8-10-93	5428'-5431'	2 JSFP	6 holes
8-10-93	5408'-5420'	6 JSFP	84 holes
8-10-93	5363'-5381'	7 JSFP	126 holes
8-15-93	5012'-5030'	2 JSFP	36 holes
8-17-93	4689'-4699'	2 JSFP	20 holes

Anchor @ 4629'

4689'-99'
 5012'-30'
 5363'-81'
 5408'-20'
 5428'-31'

SN @ ?
 EOT @ 4664'
 PBTD @ 5772'
 TD @ 5824'



Inland Resources Inc.

Balcron Federal #22-10Y

1980 FNL 1980 FWL

SENW Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-31395; Lease #U-65210

Castle Draw #1-9-9-17

Spud Date: 8/31/98
 Put on Production: 10/1/98
 GL: 5215' KB: 5225'

Initial Production: 77 BOPD;
 75 MCFD; 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (306')
 DEPTH LANDED: 316' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5706')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs modified mixed & 260 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5715'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 175 jts
 TUBING ANCHOR: 5477'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5574'
 SN LANDED AT: 5542'

SUCKER RODS

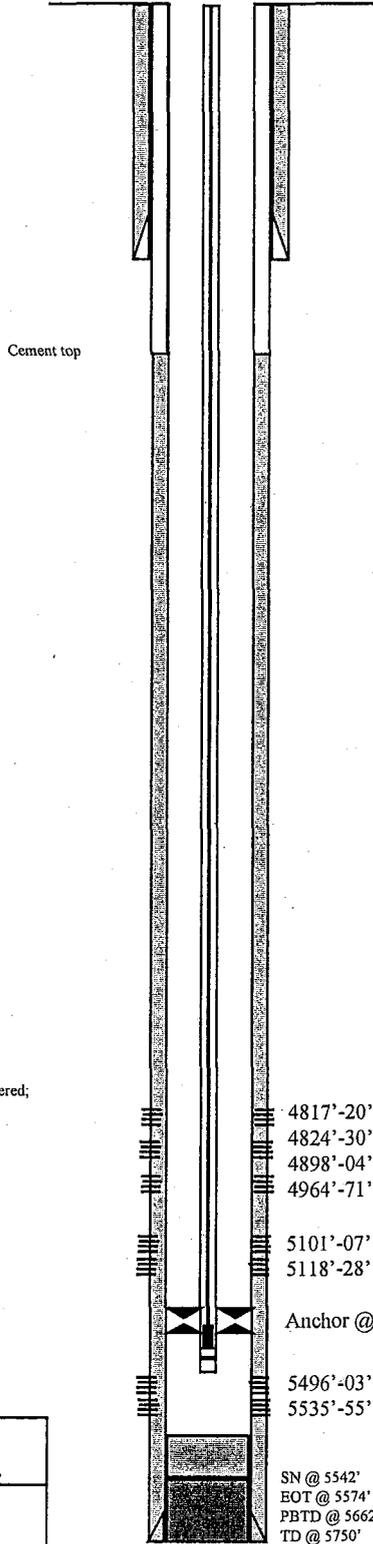
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scapered; 117-3/4" plain; 96-3/4" scapered;
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump
 STROKE LENGTH: 70"
 PUMP SPEED, SPM: 8 SPM
 LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

FRAC JOB

9/12/98 5496'-5555' Frac CP sands as follows:
 RU BJ Services & frac CP sds w/112,180#
 20/40 sd in 563 bbls Viking I-25 fluid.
 Perfs broke dn @ 3027 psi. Treated @ ave
 press of 1000 psi w/ave rate of 27.6 BPM.
 ISIP: 1700 psi, 5 min: 1597 psi.
 Flowback on 12/64 choke for 2-1/2 hrs &
 died.

9/22/98 5101'-5128' Frac A sands as follows:
 RU BJ Services & frac A sds w/112,060#
 20/40 sd in 480 bbls Viking I-25 fluid.
 Perfs broke dn @ 3450 psi. Treated @ ave
 press of 1700 psi w/ave rate of 26 BPM,
 before screening out w/9# sd on perfs w/73
 bbls left to flush. Est 91,714# sd in
 formation, 20,346# sd left in csg. ISIP:
 3100 psi, 5 min: 1330 psi. Flowback on
 12/64 choke for 2-1/2 hrs & died.

9/28/98 4817'-4971' Frac B/C sands as follows:
 RU BJ Services & frac B/C sds w/128,480#
 20/40 sd in 599 bbls Viking I-25 fluid.
 Perfs broke back @ 2977 psi @ 16 BPM.
 Treated @ ave press of 1400 psi w/ave rate
 of 36 BPM. ISIP: 1700 psi, 5 min: 1518
 psi. Flowback on 12/64 choke for 3 hrs &
 died.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
9/21/98	5496'-5503'	4 JSPF	28 holes
9/21/98	5535'-5555'	4 JSPF	80 holes
9/22/98	5101'-5107'	4 JSPF	24 holes
9/22/98	5118'-5128'	4 JSPF	40 holes
9/25/98	4817'-4820'	4 JSPF	12 holes
9/25/98	4824'-4830'	4 JSPF	24 holes
9/25/98	4898'-4904'	4 JSPF	24 holes
9/25/98	4964'-4971'	4 JSPF	28 holes

4817'-20'
 4824'-30'
 4898'-04'
 4964'-71'
 5101'-07'
 5118'-28'
 Anchor @ 5477'
 5496'-03'
 5535'-55'

SN @ 5542'
 EOT @ 5574'
 PBTD @ 5662'
 TD @ 5750'



Inland Resources Inc.

Castle Draw #1-9-9-17

660 FEL 660 FNL

NENE Section 9-T9S-R17E

Duchesne Co, Utah

API #43-013-32071; Lease #

Castle Draw #8-9-9-17

Spud Date: 7/30/98
 Put on Production: 9/3/98
 GL: 5192' KB: 5202'

Initial Production: 114 BOPD;
 69 MCFD; 11 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (316')
 DEPTH LANDED: 326' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5603')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs modified mixed & 260 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5612'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 174 jts
 TUBING ANCHOR: 5372'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5470'
 SN LANDED AT: 5438'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scapered; 113-3/4" plain; 96-3/4" scapered;
 PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC Pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6 SPM
 LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

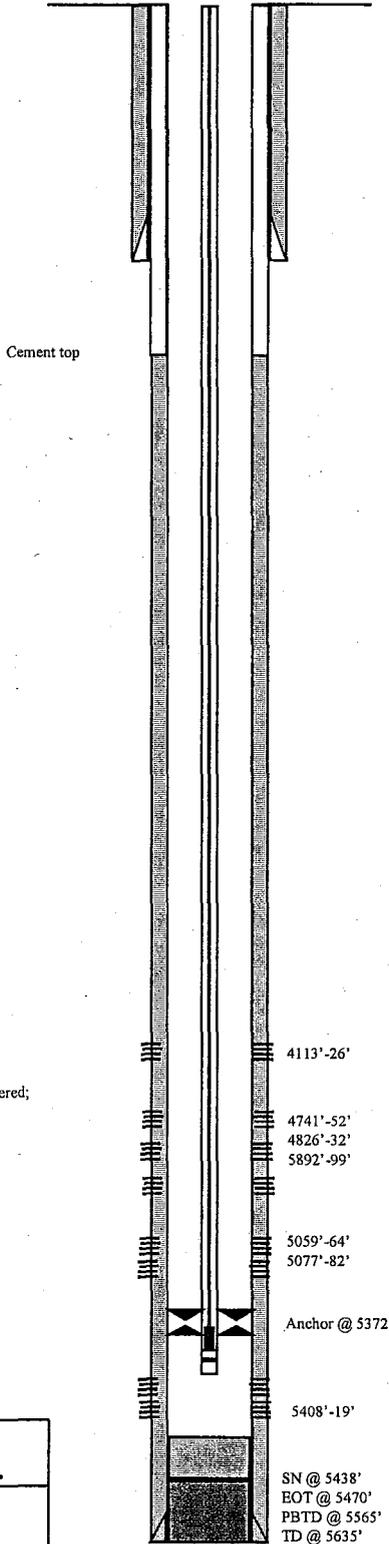
FRAC JOB

8/24/98 5408'-5419' Frac CP sands as follows:
 RU BJ Services & frac CP sds w/98,100#
 20/40 sd in 509 bbls Viking I-25 fluid.
 Perfs broke dn @ 1933 psi. Treated @ ave
 press of 1540 psi w/ave rate of 29.8 BPM.
 ISIP: 1500 psi, 5 min: 1344 psi.
 Flowback on 12/64 choke for 2-1/2 hrs &
 died.

8/26/98 5059'-5082' Frac A sands as follows:
 RU BJ Services & frac A sds w/95,716#
 20/40 sd in 506 bbls Viking I-25 fluid.
 Perfs broke dn @ 3042 psi. Treated @ ave
 press of 1850 psi w/ave rate of 27.7 BPM.
 ISIP: 2200 psi, 5 min: 2100 psi.
 Flowback on 12/64 choke for 4 hrs & died.

8/28/98 4741'-4899' Frac B/C sands as follows:
 RU BJ Services & frac C/B sds w/109,231#
 20/40 sd in 552 bbls Viking I-25 fluid.
 Perfs broke back @ 2200 psi @ 15 BPM.
 Treated @ ave press of 1800 psi w/ave rate
 of 32.6 BPM. ISIP: 2300 psi, 5 min: 1593
 psi. Flowback on 12/64 choke for 3 hrs &
 died.

8/31/98 4113'-4126' Frac GB sands as follows:
 RU BJ Services & frac GB sds w/97,592#
 20/40 sd in 480 bbls Viking I-25 fluid.
 Perfs broke dn @ 3500 psi. Treated @ ave
 press of 1860 psi w/ave rate of 24 BPM.
 ISIP: 2050 psi, 5 min: 1839 psi.
 Flowback on 12/64 choke for 2-1/2 hrs &
 died.



PERFORATION RECORD

Date	Start Depth	End Depth	Perforation Type	Holes
8/21/98	5408'	5419'	4 JSPF	44 holes
8/25/98	5059'	5064'	4 JSPF	20 holes
8/25/98	5077'	5082'	4 JSPF	20-holes
8/27/98	4741'	4752'	4 JSPF	44 holes
8/27/98	4826'	4832'	4 JSPF	24 holes
8/27/98	4892'	4899'	4 JSPF	28 holes
8/29/98	4113'	4126'	4 JSPF	52 holes



Inland Resources Inc.

Castle Draw #8-9-9-17

1980 FNL 660 FEL
 SENE Section 9-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32078; Lease #

Pleasant Valley Unit #7-9

Spud Date: 6/12/00
 Put on Production: 7/17/00
 GL: 5250' KB: 5260'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 JTS (297.9')
 DEPTH LANDED: 297.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt w/ 2% CaCl2

PRODUCTION CASING

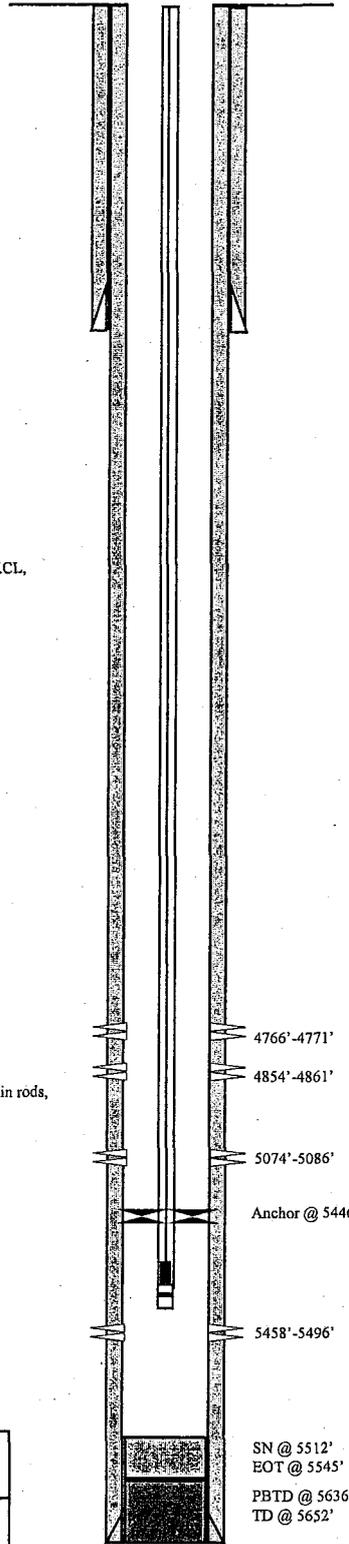
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 133 jts (5636.27')
 SET AT: 5636' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs HiBond 65, 65% POZ, 35% CMT, 3% KCL, 10% GEL. 300 sxs PREM 5-10% CALSEAL
 CEMENT TOP AT: 380' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" 6.5# J-55
 NO. OF JOINTS: 174 jts (5436.67')
 TUBING ANCHOR: 5446.67 KB
 NO. OF JOINTS: 2 jts (62.86')
 SEATING NIPPLE: 2-7/8"
 SN LANDED AT: 5512.33' KB
 NO. OF JOINTS: 1 jt (31.54')
 TOTAL STRING LENGTH: EOT @ 5545.42' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: 4 - 1-1/2" wt bars, 10-3/4" guided rods, 118-3/4" plain rods, 87-3/4" scraper rods, 1-2', 1-6' x 3/4" pony rods.
 PUMP SIZE: 2" x 1-1/2" x 15' RHAC PUMP
 STROKE LENGTH: 68"
 PUMP SPEED, SPM: 5 spm
 LOGS: DIGL, SP, GR, CAL, Comp. Neutron, Comp. Density, CBL



FRAC JOBS

7/12/00	5458'-5496'	Frac CP sands: 90,021# 20/40 sand in 546 bbls Viking 1-25 fluid. Hole filled W/117 bbls. Perfs broke at 3180 psi, Treated @ avg. of 1700 psi W/ avg. rate of 30 BPM. ISIP 1930 psi, 5min. 1830 psi, Flowback frac on 12/64 choke for 4.5 hrs & died.
7/14/00	5074'-5086'	Frac A sands: 78,000# 20/40 sand in 476 bbls Viking 1-25 fluid, Hole filled W/113 bbls. Perfs broke at 2551 psi. Treated at avg 2200 psi W/ avg rate of 28 BPM. ISIP 2320 psi, 5 min. 2199 psi, leave pressure on well.
7/14/0	4854'-4771'	Frac C/B sands: Set pkr @ 4786'. Break lower perfs down tubing @ 6000 psi. Establish injection rate of 5.8 bpm @ 2600 psi. Break upper perfs down casing @ 3200 psi. Establish injection rate of 1.8 BPM @ 2000 psi. Remove pkr. Frac C/B Sands W/90,000 # 20/40 sand in 541 bbls Viking 1-25 fluid. Perfs broke back @ 2700 psi @ 14 BPM. Treated W/ avg press 1900 psi W/ avg rate of 29 BPM. ISIP 2110 psi, 5 min 1980 psi. Flow back on 12/64" choke for 4 hours and died.
10/31/01		Parted rods. Updated rod and tubing details.

PERFORATION RECORD

7/12/00	5458'-5496'	2 JSPF	76 holes
7/13/00	5074'-5086'	4 JSPF	48 holes
7/14/00	4766'-4771'	4 JSPF	20 holes
7/14/00	4854'-4861'	4 JSPF	28 holes



Inland Resources Inc.

Pleasant Valley #7-9

1980FNL & 1980 FWL

SWNE Section 9-T9S-R17E

Duchesne Co, Utah

API #43-013-32076; Lease #U-50750

ATTACHMENT E

NAME AND DEPTH OF USDWs

For Class II wells, submit geologic name and depth to bottom of all underground sources of drinking water, which may be affected by the injection.

Due to the location and depth of the well, it will not affect any source of drinking water. See Attachments E-1 through E-3, showing pertinent water analyses.

Attachment E-1 Water analysis of the primary fluid to be injected (Unichem Water Analysis of the Johnson Water District, taken January 27, 2000)

Attachment E-2 Water Analysis of the formation fluid to be injected from the well

Attachment E-3 Analysis of the compatibility of the injected and formation water

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5068
Fax (435) 722-5727

Attachment E-1

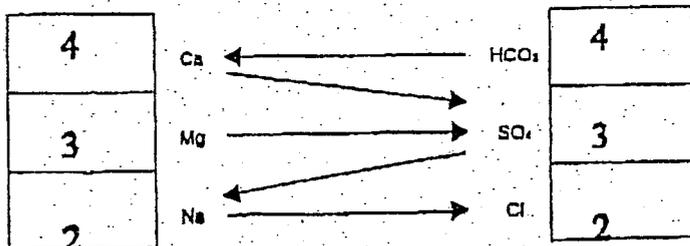
WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 1-27-00
Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

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

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

CaCO₃
CaSO₄ · 2H₂O
MgCO₃

Distilled Water 20°C

13 Mg/l
2,090 Mg/l
103 Mg/l

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.48	<u>2</u>			<u>117</u>

REMARKS _____

Analytical Laboratory Report for:
Inland Production



BJ Unichem
Chemical Services

UNICHEM Representative: Rick Crosby

Production Water Analysis

Listed below please find water analysis report from: Beluga, 12-10Y-9-17

Lab Test No: 2001401966 Sample Date: 09/27/2001
Specific Gravity: 1.011
TDS: 14492
pH: 9.10

Cations:	mg/L	as:
Calcium	40	(Ca ⁺⁺)
Magnesium	24	(Mg ⁺⁺)
Sodium	5405	(Na ⁺)
Iron	3.40	(Fe ⁺⁺)
Anions:	mg/L	as:
Bicarbonate	1220	(HCO ₃)
Sulfate	0	(SO ₄ ⁻)
Chloride	7800	(Cl)
Gases:		
Carbon Dioxide		(CO ₂)
Hydrogen Sulfide	0	(H ₂ S)

Comments:

DownHole SAT(tm)
MIXED WATER DEPOSITION POTENTIAL INDICATORS

1) Johnson Water

2) Beluga 12-10Y-9-17

Report Date: 09-27-2001

SATURATION LEVEL		MOMENTARY EXCESS (Lbs/1000 Barrels)		
Calcite (CaCO3)	50.20	Calcite (CaCO3)		19.87
Aragonite (CaCO3)	42.53	Aragonite (CaCO3)		19.78
Witherite (BaCO3)	0.00	Witherite (BaCO3)		-0.707
Anhydrite (CaSO4)	0.00	Anhydrite (CaSO4)		-703.11
Gypsum (CaSO4*2H2O)	0.00	Gypsum (CaSO4*2H2O)		-716.62
Barite (BaSO4)	0.00	Barite (BaSO4)		-4.92
Hydroxyapatite	0.00	Hydroxyapatite		-308.57
Iron hydroxide (Fe(OH)3)	0.00	Iron hydroxide (Fe(OH)3)		-0.179
Iron sulfide (FeS)	0.00	Iron sulfide (FeS)		-0.0209
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	2.29	Calcium	40.05	23.29
Stiff Davis Index	2.16	Barium	0.00	0.00
		Carbonate	771.54	212.27
		Phosphate	0.00	0.00
		Sulfate	0.00	0.00

OPERATING CONDITIONS

Temperature (°F)	100.00
Time (mins)	3.00

UNICHEM - Corporate Office
14505 Torrey Chase Boulevard, Houston, Texas 77014

ATTACHMENT G

GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

For Class II wells, submit appropriate geological data on the injection zone and confining zones, including lithologic description, geological name, thickness, and depth and fracture pressure.

The proposed injection well produced from and will inject into the Green River formation. Water is sourced from the Johnson Water District and injected or is commingled with produced water at the Monument Butte Injection Facility and processed for individual well injection.

The injection zones are in the Green River formation, bounded by the Garden Gulch marker and the Basal Limestone. The Green River is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. At the Balcron Monument Federal #12-10Y-9-17 location, the proposed injection zone is from 3754'-5390'. The porous and permeable lenticular sandstones vary in thickness from 0' - 31' and are confined to the Monument Butte area by low porosity calcareous shales and carbonates.

The confining strata directly above and below the injection zones are the Green River formation and the Basal Carbonate in the Balcron Monument Federal #12-10Y-9-17 well. The strata confining the injection zone are composed of tight, moderately calcareous, sandy luustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

The fracture pressure of the Balcron Monument Federal #12-10Y-9-17 will be determined upon testing. The minimum fracture gradient calculates at 1.22 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be conducted upon injection and periodically thereafter to determine the actual fracture pressure. As the fracture pressure increases, we may elect to increase the injection pressure, but will not exceed the maximum of 2000 psig.

Communication Prevention:

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

Attachment G-1 Formation Tops

Attachment G-2 Proposed Maximum Injection Pressure

Attachment G-3 Fracture Reports Dated 12/20/85.

Attachment.G-4 Drilling and Completion Reports Dated 12/01/85 to 12/18/85 & 12/19/85 to 12/23/85.

ATTACHMENT G-1

FORMATION TOPS

BALCRON MONUMENT FEDERAL #12-10Y-9-17

<u>FORMATION</u>	<u>DEPTH (ft)</u>
Uinta	Surface
Green River	1382'
Horseshoe Bench	2170'
2 nd Garden Gulch	3754'
Y-2 SS	4036'
Yellow Marker	4362'
Douglas Creek	4525'
R-2 SS	4633'
R-5 SS	4710'
2 nd Douglas Creek	4764'
Green Marker	4905'
G-5 SS	5046'
Black Shale Facies	5162'
Carbonate Marker	5355'
B-1 SS	5390'
Total Depth	5554'

Attachment "G-2"

**BALCRON MONUMENT FEDERAL #12-10Y-9-17
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4714	5004	4859	3800	1.22	3676
				Minimum	<u>3676</u>

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

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

Please Note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

12-20-95 Completion
 RU Schlumberger to run CBL from 5480' KB to 1140' KB, TOC @ 1340' KB. Perf 4714' - 25' (11 holes) & 5000'-5004' (4 holes). RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, packer, 2-3/8" x 2-7/8" crossover, SN & 152 jts 2-7/8" tbg. Set BP @ 4764' KB, EOT @ 4699' KB, packer @ 4692' KB. RU BJ to break down 4714'-25 w/1680 gals 2% KCL wtr, ATP 2000 psi, ATR 4.5 bpm, ISIP 1700. Reset BP @ 5069' KB, EOT @ 4973' KB, & packer @ 4966' KB. Break down 5000'-5004' w/1680 gals 2% KCL wtr, ATP 2500 psi, ATR 4.5 bpm, ISIP 1750 spi. TOOH w/tbg, packer & retrieving tool. RU BJ to frac 4714'-5004 w/70,040# 16/30 mesh sand w/12,978 gals 2% KCL gelled wtr. ATP 3300 psi, ATR 34 bpm. ISIP 3800 psi, 5 min 2370 psi, 10 min 2160 psi, 15 min 1960 psi. SWIFN.
 DC: \$31,368 CC: \$249,855

12-21-95 Completion
 Bleed well down, flow back 10 BW. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 91 jts 2-7/8" tbg. Tag sand bridge from 520' to 530' KB. Tag sand fill @ 2874' KB. Circ down to BP @ 5069' KB. Set packer @ 4692' KB. SIWFN. 389 BLWTR.
 DC: \$2,120 CC: \$251,975

12-22-95 Completion
 Thaw well head. Made 30 swab runs & recovered 3 BO & 147 BW. 5% oil last 3 runs. FL 2750' last 3 runs. No sand last 6 runs, good gas. Release packer, tag sand @ 5033' KB, circ down to BP @ 5069' KB. Release BP & TOOH w/tbg, packer & BP. SWIFN. 242 BLWTR.
 DC: \$2,065 CC: \$254,040

12-23-95 Completion
 TIH w/tbg production string as follows:

	LENGTH	DEPTH KB
1 - Notched Collar	.40'	5063.35'
1 - jt 2-7/8" EUE J-55 6.5#	28.60'	5062.95'
1 - Perf Sub 2-7/8" x 4'	4.20'	5034.35'
1 - SN	1.10'	5030.15'
11 - jts 2-7/8" EUE J-55 6.5#	338.14'	5029.05'
1 - Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4690.91'
150 - jts 2-7/8" EUE J-55 6.5#	4678.56'	4688.56'
KB	10.00'	

ND BOP & 5M wellhead, NU 3M well head. Set Tbg anchor w/12" tension. Flange up well head. TIH w/rod production string as follows:

1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger
 200 - 3/4" x 25' D-61 Plain rods
 1 - Polish rod 1-1/4" X 22'

Pressure test to 1000 psi - OK. RDMO.

DC: \$1,545

CC: \$255,585

DAILY OPERATING REPORT

Attachment G-4
Page 1 of 4

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

1994' FNL & 618' FWL

PTD: 5,600' Formation: Green River

Monument Butte

Elevations: 5158' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 12-7-95 @ 6 p.m.

Casing: 8-5/8", J-55, 24# @ 259.16'

5-1/2", J-55, 15.5#, @ 5548.55'

Tubing: 2-7/8", J-55 6.5# @ 5063.35' KB

---TIGHT HOLE---

11-27/12-6-95 Build location & install pit liner.

DC: \$8000

CC: \$8000

12-8-95 TD: 275' (275') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC

MIRU. Drill rat hole, set conductor pipe & NU air bowl. Drill 12-1/4" hole, blow hole, TOOH, ND air bowl. Run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8" shoe jt 41.60'

Baffle Plate ---

5 jts 8-5/8" 24# J-55 206.96'

249.16'

Landing jt 10.00'

Csg set @ 259.16'

Cmt by BJ w/160 sxs Class "G" w/2% CCL & 1/4#/sx CelloSeal. 4 bbls cmt back to pit. Plug down @ 2:30 a.m. Well spud @ 6 p.m. 12-7-95.

DC: \$10,924

CC: \$18,924

12-9-95 TD: 11,86' (911') day 2

Formation: Uintah

MW air & mist

Present Operation: Drilling

WOC, NU & test BOP & manifold to 2000# - OK. Test csg 1500 - OK. TIH & drill cmt. Drill, cmt & clean on rig.

DC: \$26,312

CC: \$45,236

DAILY OPERATING REPORT

Attachment G-4
Page 2 of 4

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 12-10-95 TD: 2,663' (1,477') Day 3
Formation: Horsebench SS
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. BGG 120 to 200 units, CG 500 to 600 units.
DC: \$19,302 CC: \$64,538
- 12-11-95 TD: 3,835' (1,172') Day 4
Formation: 2nd Garden Gulch
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. BGG 120 to 150 units, CG 350 to 450 units.
DC: \$16,938 CC: \$81,476
- 12-12-95 TD: 4,179' (344') Day 5
Formation: Y-Zone
MW 8.5 VIS 26 pH 10
Present Operation: Drilling
Drill, pump 800 BW down hole, did not circ, aireate wtr & get circ. Drill 30' more & trip for bit. Trying to aireate wtr & drill, no returns.
DC: \$7,827 CC: \$89,303
- 12-13-95 TD: 4,709' (530') Day 6
Formation: R-Zone
MW air & mist
Present Operation: Drilling
Drill, TOOH, change to air bit, RU second air pack & blow wtr out to btm, blow every 2 or 3 stds. Drill w/lots of soap. R-2 sand - very little gas, no oil show. BGG 20 units, CG 110 to 130 units.
DC: \$13,462 CC: \$102,765
- 12-14-95 TD: 5,454' (745') Day 7
Formation: B-Zone
MW air & mist
Present Operation: Circ for logs.
Drill, got stuck making connection @ 5454'. Put mud pump on hole & get loose. Circ for logs. BGG 40 to 60 units, CG 300 to 400 units.
DC: \$11,894 CC: \$114,659

DAILY OPERATING REPORT

Attachment G-4
Page 3 of 4

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 12-15-95 TD: 5,554' (0') Day 8
Formation: B-Zone
MW 8.6 VIS 32
Present Operation: Wash over fish.
Circ for logs, pump 2 sweeps. Start out of hole & pull 6', "stuck", Kelly up, circ, & get loose. Circ & work pipe about 10', mix gel & fill hole w/34 VIS mud & polymer & work pipe. Get 18' to 20' of first jt out, bridge off, no circ & can't move. Free point stuck @ 1950', back off @ 1900'. TOOH & PU 5 jts wash pipe, 6 drill collars, jars & bumper sub. Washed over to 1970'.
DC: \$11,140 CC: \$125,799
- 12-16-95 TD: 5,554' (0') Day 9
Formation: B-Zone
Present Operation: Trip out with fish.
Wash over fish, very hard washing 1980'-2000', 2015'-30', 2045'-50'. Wash to 2094'. Trip out. Stand washpipe in derrick. Trip in with cut lip sub, bumper sub, acelerator sub, jars and 8 drill colalrs. Screw into fish and put 210,000. Trip jars 3 times and pull fish. Could not circulate. Pull wet and chain out.
DC: \$ 9,336 CC: \$135,135
- 12/17/95 TD: 5,554' (0') Day 10
Present operation: Logging
Trip out with fish. LD all fishing tools. Clean rig, haul fishing tools off. TIH. Wash 40' to bottom. Circulate for logs. Hole sloughing gilsonite - can't get off bottom with pump off. Weight mud up to 9.4, 42 VIS with sea mud and bar and KCL. TOOH. RU loggers, log well.
DC: \$26,991 CC: \$162,126
- 12/18/95 Present operation: Moving off
Logging, TIH, LD DP and collars. Change pipe rams and test BOP to 2000# - o.k. Run 5-1/2" casing. Circulate. Cement casing, set slips, ND BOP. Clean mud tank. RD. PD at 7 p.m. RR at 11 p.m. 12/17/95.
DC: \$51,455 CC: \$213,581
- 12-19-95 Present operation: Completing
MI RU Cannon Well Service Rig #2. NU 5M wellhead, NU BOP. TIH w/4-3/4" bit, casing scraper, & 177 jts 2-7/8: tubing. Tag PBDT at 5498' KB. Circulate hole clean w/125 bbls 2% KCL water. TOOH w/tubing, scraper, and bit.
DC: \$4,906 CC: \$218,487

DAILY OPERATING REPORT

Attachment G-4
Page 4 of 4

BALCRON MONUMENT FEDERAL #12-10-9-17Y

Location: SW NW Section 10, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

12-20-95

Completion

RU Schlumberger to run CBL from 5480' KB to 1140' KB, TOC @ 1340' KB. Perf 4714' - 25' (11 holes) & 5000'-5004' (4 holes). RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, packer, 2-3/8" x 2-7/8" crossover, SN & 152 jts 2-7/8" tbg. Set BP @ 4764' KB, EOT @ 4699' KB, packer @ 4692' KB. RU BJ to break down 4714'-25 w/1680 gals 2% KCL wtr, ATP 2000 psi, ATR 4.5 bpm, ISIP 1700. Reset BP @ 5069' KB, EOT @ 4973' KB, & packer @ 4966' KB. Break down 5000'-5004' w/1680 gals 2% KCL wtr, ATP 2500 psi, ATR 4.5 bpm, ISIP 1750 spi. TOOH w/tbg, packer & retrieving tool. RU BJ to frac 4714'-5004 w/70,040# 16/30 mesh sand w/12,978 gals 2% KCL gelled wtr. ATP 3300 psi, ATR 34 bpm. ISIP 3800 psi, 5 min 2370 psi, 10 min 2160 psi, 15 min 1960 psi. SWIFN.

DC: \$31,368

CC: \$249,855

12-21-95

Completion

Bleed well down, flow back 10 BW. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 91 jts 2-7/8" tbg. Tag sand bridge from 520' to 530' KB. Tag sand fill @ 2874' KB. Circ down to BP @ 5069' KB. Set packer @ 4692' KB. SIWFN. 389 BLWTR.

DC: \$2,120

CC: \$251,975

12-22-95

Completion

Thaw well head. Made 30 swab runs & recovered 3 BO & 147 BW. 5% oil last 3 runs. FL 2750' last 3 runs. No sand last 6 runs, good gas. Release packer, tag sand @ 5033' KB, circ down to BP @ 5069' KB. Release BP & TOOH w/tbg, packer & BP. SWIFN. 242 BLWTR.

DC: \$2,065

CC: \$254,040

12-23-95

Completion

TIH w/tbg production string as follows:

	LENGTH	DEPTH KB
1 - Notched Collar	.40'	5063.35'
1 - jt 2-7/8" EUE J-55 6.5#	28.60'	5062.95'
1 - Perf Sub 2-7/8" x 4'	4.20'	5034.35'
1 - SN	1.10'	5030.15'
11 - jts 2-7/8" EUE J-55 6.5#	338.14'	5029.05'
1 - Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4690.91'
150 - jts 2-7/8" EUE J-55 6.5#	4678.56'	4688.56'
KB	10.00'	

ND BOP & 5M wellhead, NU 3M well head. Set Tbg anchor w/12" tension. Flange up well head. TIH w/rod production string as follows:

- 1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger
- 200 - 3/4" x 25' D-61 Plain rods
- 1 - Polish rod 1-1/4" X 22'

Pressure test to 1000 psi - OK. RDMO.

DC: \$1,545

CC: \$255,585

ATTACHMENT H
OPERATING DATA

Submit the following proposed operating data for each well (including all those to be covered by area permits): (1) average and maximum daily rate and volume of the fluids to be injected; (2) average and maximum injection pressure; (3) nature of annulus fluid; and (4) for Class II wells, source and analysis of the physical and chemical characteristics of the injection fluid.

1. Estimated average daily rate is 300 BPD, and the estimated maximum daily rate is 500 BPD.
2. The average and maximum surface pressure will be determined upon testing.
3. Fresh water treated with scale inhibitor, oxygen scavenger, biocide (behind packer fluid).
4. The injected fluid is primarily culinary water from the Johnson Water District; in secondary cases the injected fluid will be culinary water from the Johnson Water District commingled with produced water. (See Attachments E-1 through E-3 for analysis).

ATTACHMENT M
CONSTRUCTION DETAILS

Submit schematic or other appropriate drawings of the surface and subsurface construction details of the well.

Attachment M-1 Wellbore schematic of Balcron Monument Federal #12-10Y-9-17.

Attachment M-2 Site Plan of Balcron Monument Federal #12-10Y-9-17.

Balcron Monument Federal #12-10-9-17

Spud Date: 12-7-95
 Put on Production: 1-3-96
 GL: 5158' KB: 5168'

Initial Production: 25 BOPD,
 0 MCFPD, 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (249.16')
 DEPTH LANDED: 259.16'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts. (5538.55')
 DEPTH LANDED: 5548.55'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
 CEMENT TOP AT: 1340' per CBL

TUBING

SIZE/GRADE/WT.: 2-3/8" / 6.5# / J-55
 NO. OF JOINTS: 150 jts
 TUBING ANCHOR: 4690'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5063'
 SN LANDED AT: 5030'

SUCKER RODS

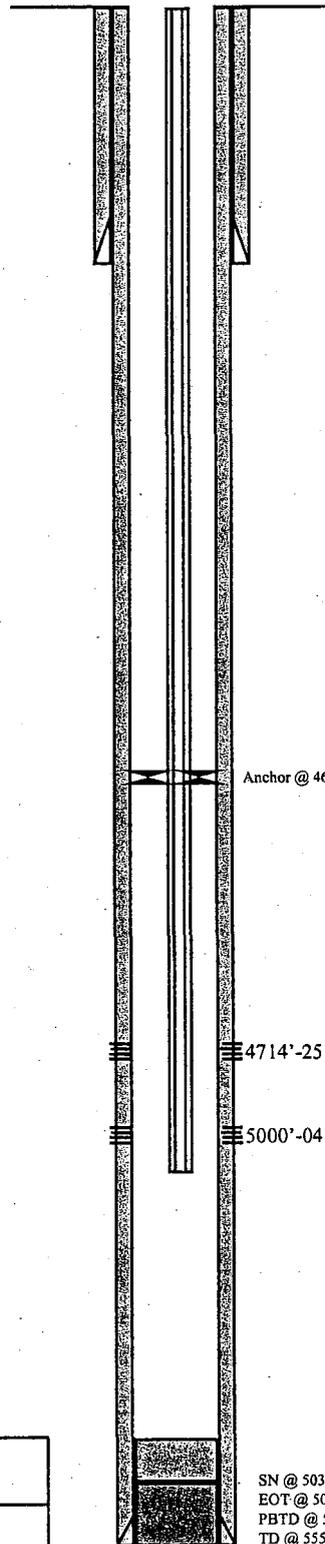
POLISHED ROD: 1-1/4" x 22'
 OTHER RODS: 1 1" x 2' pony, 1 1-1/2" x 25' K-bar, 1 1" x 2' pony, 1 98-3/4" plain, 3 3/4" x 6' pony, 1 3/4" x 2' pony.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 85"
 PUMP SPEED, SPM: 4.75 SPM
 LOGS:

FRAC JOB

12-20-95 4714'-5004' Frac sand as follows:
 12,978 gals 2% KCL gelled water and
 70,040# 16/30 sand. Treated w/avg press
 of 3300 psi w/avg rate of 34 BPM. ISIP-
 3800 psi, 5 min 2370 psi. Screened out.

PERFORATION RECORD

12-20-95	4714'-4725'	1 JSPF	11 holes
12-20-95	5000'-5004'	1 JSPF	4 holes



SN @ 5030'
 EOT @ 5063'
 PBD @ 5498'
 TD @ 5554'



Inland Resources Inc.
 Balcron Monument Federal #12-10-9-17Y
 1994 FNL 618 FWL
 SWNW Section 10-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31536; Lease #UTU-65210

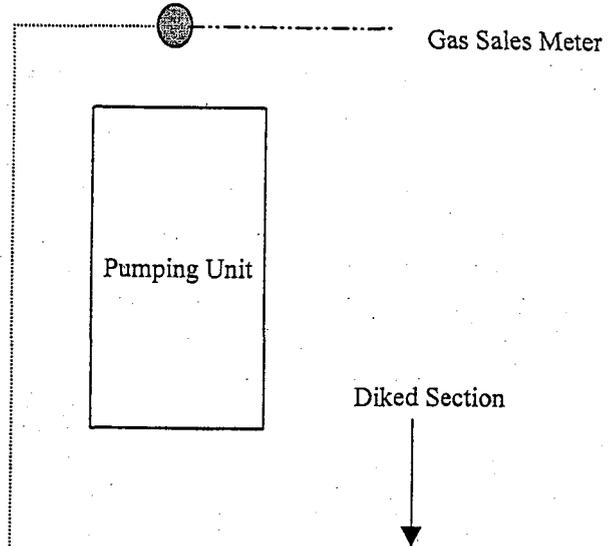
Inland Production Company

Site Facility Diagram

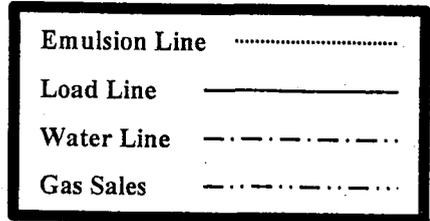
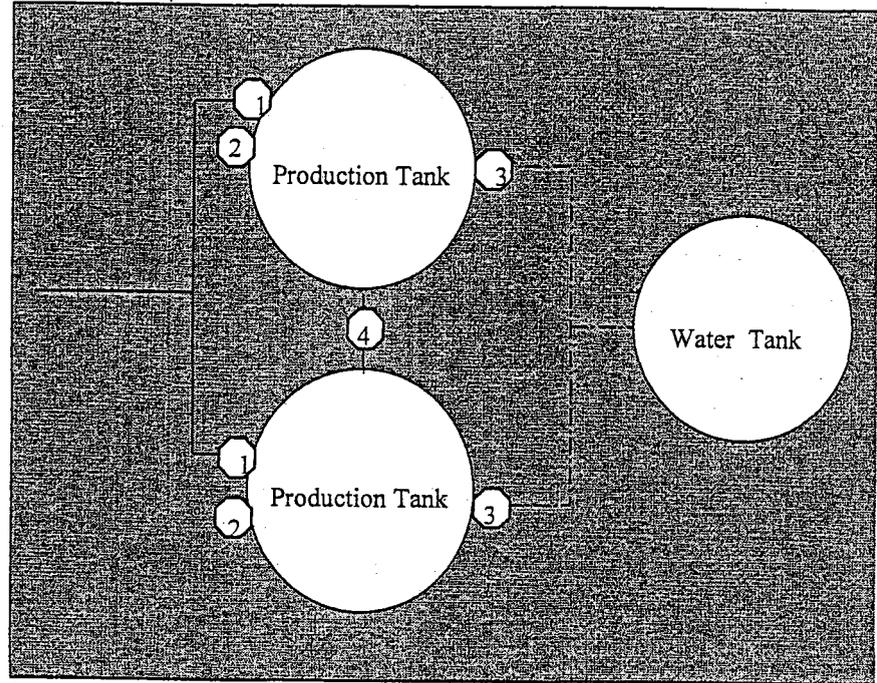
Attachment M-2

Federal 12-10Y
 SW/NW Sec. 10, T9S, 17E
 Duchesne County
 May 12, 1998

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



- Production Phase:**
- 1) Valves 1 and 3 sealed closed
 - 2) Valves 2 and 4 sealed open
- Sales Phase:**
- 1) Valves 3 & 4 sealed closed
 - 2) Valves 1 open
- Draining Phase:**
- 1) Valve 3 open



ATTACHMENT Q

PLUGGING AND ABANDONMENT PLAN

Submit a plan for plugging and abandonment of the well. Submit this information on EPA Form 7520-14, Plugging and Abandonment Plan.

Attachment Q-1 EPA Form 7520-14, Plugging and Abandonment Plan

Attachment Q-2 Wellbore Schematic of Proposed Plugging and Abandonment

Attachment Q-3 Work Procedure for Plugging and Abandonment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460
PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY Balcron Monument Federal #12-10Y-9-17 Duchesne County, Utah	NAME AND ADDRESS OF OWNER/OPERATOR Inland Production Company 410 17th Street, Suite 700 Denver, Colorado 80202
------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES 	STATE Utah	COUNTY Duchesne	PERMIT NUMBER 43-013-31536
	SURFACE LOCATION DESCRIPTION ¼ OF SW ¼ OF NW SECTION 10 TOWNSHIP 9S RANGE 17E		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ 1994 ft. from (N/S) N _____ Line of quarter section and _____ 618 ft. from (E/W) W _____ Line of quarter section		
TYPE OF AUTHORIZATION <input type="checkbox"/> Individual Permit <input checked="" type="checkbox"/> Area Permit <input type="checkbox"/> Rule Number of Wells _____ 6 Lease Name _____ Blackjack Unit		WELL ACTIVITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> CLASS III Well Number _____ #12-10Y-9-17	

CASING AND TUBING RECORD AFTER PLUGGING					METHOD OF EMPLACEMENT OF CEMENT PLUGS					
SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE	<input checked="" type="checkbox"/> The Balance Method <input type="checkbox"/> The Dump Bailer Method <input type="checkbox"/> The Two-Plug Method <input type="checkbox"/> Other					
8-5/8"	24	259'	259'	12-1/4"						
5-1/2"	15.5	5549'	5549'	7-7/8"						
CEMENTING TO PLUG AND ABANDON DATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of Hole or Pipe in which Plug Will be Placed (inches)		5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus			
Depth to Bottom of Tubing or Drill Pipe (ft.)		5498'	5498'	5498'	5498'	5498'	5498'			
Sacks of Cement To Be Used (each plug)		20 sx	20 sx	25 sx	15 sx	10 sx	10 sx			
Slurry Volume To Be Pumped (cu. Ft.)										
Calculated Top of Plug (ft.)		4900'	4614'	2000'	209'	surface	surface			
Measured Top of Plug (if tagged ft.)										
Slurry Wt. (Lb./Gal.)		15.8	15.8	15.8	15.8	15.8	15.8			
Type Cement or Other Material (Class III)		Class G	Class G	Class G	Class G	Class G	Class G			
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)										
From		To			From		To			
no open holes										
Estimated Cost to Plug Wells		\$18,000								

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) W. T. War Vice President	SIGNATURE 	DATE SIGNED 11/30/01
-------------------------------------------------------------------------------	---------------	-------------------------

Balcron Monument Federal #12-10-9-17

Spud Date: 12-7-95
 Put on Production: 1-3-96
 GL: 5158' KB: 5168'

Initial Production: 25 BOPD,
 0 MCFPD, 0 BWPD

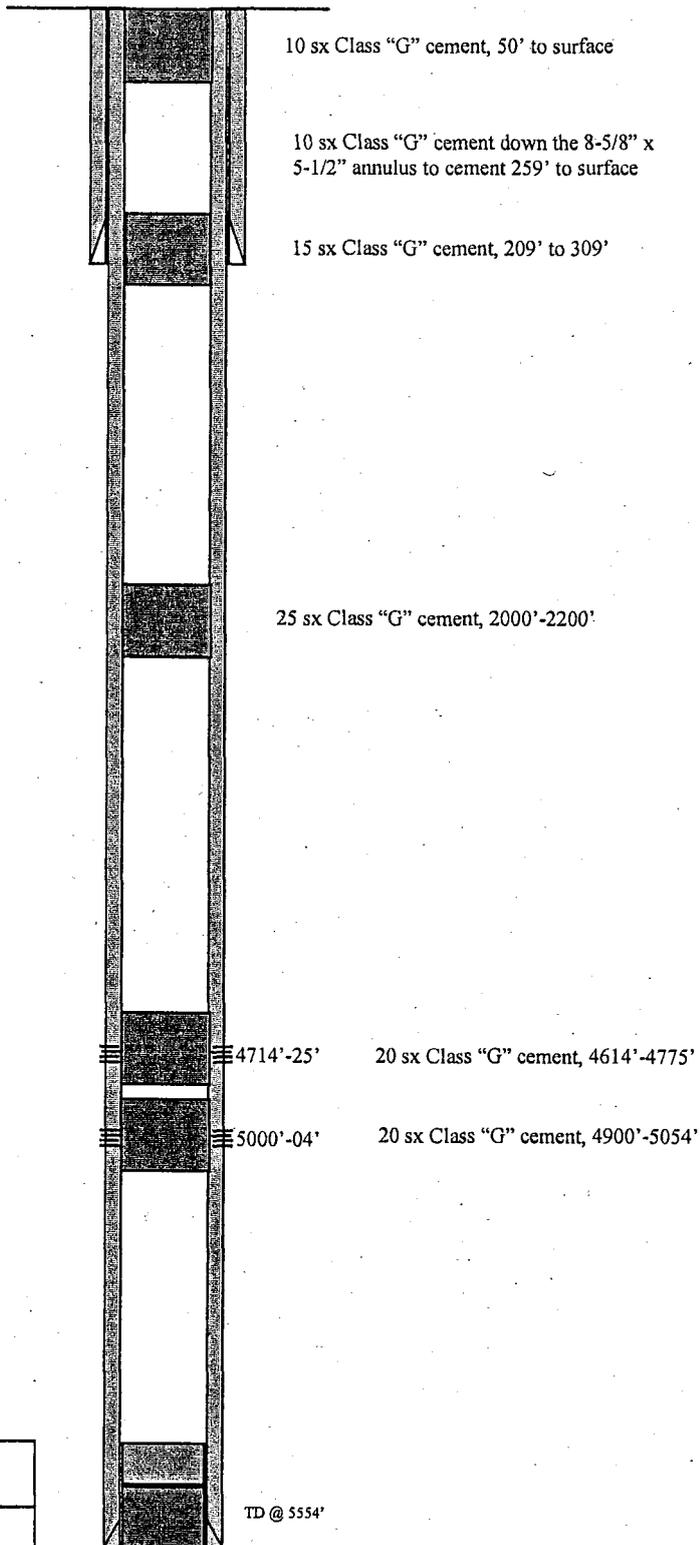
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts. (249.16')
 DEPTH LANDED: 259.16'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 127 jts. (5538.55')
 DEPTH LANDED: 5548.55'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
 CEMENT TOP AT: 1340' per CBL

Proposed P & A Wellbore Diagram



	Inland Resources Inc.
	Balcron Monument Federal #12-10-9-17Y
	1994 FNL 618 FWL
	SWNW Section 10-T9S-R17E
	Duchesne Co, Utah
API #43-013-31536; Lease #UTU-65210	

ATTACHMENT Q-3

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 154' plug from 4900'-5054' with 20 sxs Class "G" cement.
2. Plug #2 Set 161' plug from 4614'-4775' with 20 sxs Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 25 sxs Class "G" cement.
4. Plug #4 Set 100' plug from 209'-309' with 15 sxs Class "G" cement (50' above and 50' below casing shoe).
5. Plug #5 Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 259' to surface.
6. Set plug from 50' to surface with 10 sxs Class "G" cement.

ATTACHMENT R
NECESSARY RESOURCES

Submit evidence such as a surety bond or financial statement to verify that the resources necessary to close, plug, or abandon the well are available.

Inland Production Company demonstrates financial responsibility by submitting annually the 10K financial report.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE	5. Lease Designation and Serial No. UTU-65210
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name NA
2. Name of Operator INLAND PRODUCTION COMPANY	7. If unit or CA, Agreement Designation Blackjack Unit
3. Address and Telephone No. 410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102	8. Well Name and No. Balcron Mon Fed 12-10Y
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW 1994' FNL AND 618' FWL Sec. 10-T9S-R17E	9. API Well No. 43-013-31536
	10. Field and Pool, or Exploratory Area Monument Butte
	11. County or Parish, State Duchesne County, UT

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"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing repair <input type="checkbox"/> Altering Casing <input 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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Please see attached injection application.

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

Signed *Joyce L. McGough* Title **Regulatory Specialist** Date **11/30/01**
Joyce L. McGough

(This space of Federal or State office use.)

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

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



November 30, 2001

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Permit Application for Water Injection Well
Balcron Monument Federal #12-10Y-9-17
Monument Butte Field, Blackjack Unit, Lease #UTU-65210
Section 10-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Schmitz:

Inland Production Company herein requests a permit to convert the Balcron Monument Federal #12-10Y-9-17 from a producing oil well to a water injection well.

Included with this application is a cement bond log for your convenience. As they are difficult to copy, however, I would very much appreciate its return.

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

Sincerely

W. T. War
Vice President

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.	UTU-65210
6. If Indian, Allottee or Tribe Name	NA
7. If unit or CA, Agreement Designation	Blackjack Unit
8. Well Name and No.	Balcron Mon Fed 12-10Y
9. API Well No.	43-013-31536
10. Field and Pool, or Exploratory Area	Monument Butte
11. County or Parish, State	Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SWNW 1994' FNL AND 618' FWL Sec. 10-T9S-R17E

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"/> Change of Plans
<input 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 checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<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)

Please see attached injection application.

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

Signed Joyce I. McGough Title Regulatory Specialist Date 11/30/01
Joyce I. McGough

(This space of Federal or State office use.)

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

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

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF	:	
INLAND PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	
BELUGA 9-18-9-17 WELL LOCATED IN SEC.	:	NOTICE OF AGENCY
18, T 9 S, R 17 E; THE BALCRON MONUMENT	:	ACTION
FEDERAL 12-10-9-17 WELL LOCATED IN SEC.	:	
10, T 9 S, R 17 E; AND THE FEDERAL 2-1-9-16	:	CAUSE NO. UIC 283
WELL LOCATED IN SEC. 1, T 9 S, R 16 E,	:	
DUCHESNE COUNTY, UTAH, AS CLASS II	---	
INJECTION WELLS		

---ooOoo---

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

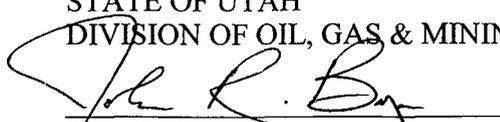
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Beluga 9-18-9-17 well, located in Section 18, Township 9 South, Range 17 East; the Balcron Monument Federal 12-10-9-17 well, located in Section 10, Township 9 South, Range 17 East; and the Federal 2-1-9-16 well, located in Section 1, Township 9 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. These wells are located in the Beluga, Blackjack and Jonah Units respectively. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

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 in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 12th day of December, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

Inland Production Company
Beluga 9-18-9-17, Balcron Monument Federal 12-10-9-17 and Federal 2-1-9-16
Cause No. UIC 283

Publication Notices were sent to the following:

Inland Production Company
410 Seventeenth St, Suite 700
Denver, CO 80202

Via Facsimile (435) 722-4140
Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066-3109

via E-Mail and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Vernal District Office
Bureau of Land Management
170 S 500 E
Vernal, UT 84078

Duchesne County Planning
PO Box 317
Duchesne, UT 84066-0317

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466



Earlene Russell
Executive Secretary
December 13, 2001



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 17, 2002

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

Re: Blackjack Unit Well: Balcron Monument Federal 12-10Y-9-17, Section 10,
Township 9 South, Range 17 East, Duchesne County, Utah

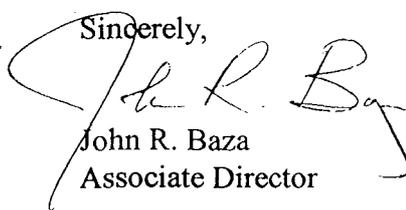
Gentlemen:

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 referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

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

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

Sincerely,


John R. Baza
Associate Director

er

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

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Balcron Monument Fed. 12-10Y-9-17

Location: 10/9S/17E **API:** 43-013-31536

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

Well Integrity: The proposed well has surface casing set at 259 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5349'. A cement bond log demonstrates adequate bond in this well up to 1753'. A 2 7/8 inch tubing with a packer will be set at 4626 feet. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 200 feet. Injection shall be limited to the interval between 3754 feet and 5390 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 12-10Y-9-17 well is 1.91 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 3676 psig. (From past experience this seems to be quite high) The requested maximum pressure is 2000 psig.(more in line with past wells) The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the revised Blackjack Unit December 22, 1999. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

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

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

Reviewer(s): Brad Hill

Date 01/17/2002

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

1994 FNL 0618 FWL SW/NW Section 10, T9S R17E

5. Lease Designation and Serial No.

U-65210

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

CASTLE DRAW EXPANSIC

8. Well Name and No.

BALCRON MON FED 12-10-9-17Y

9. API Well No.

43-013-31536

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

Subject well had recompletion procedures initiated in the Green River formation on 11/11/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to PBTD @ 5498'. One new Green River interval was perforated and hydraulically fracture treated as follows: Stage #1: CP sds @ 5384'-5388', 5394'-5408', 5411'-5413' & 5448'-5453' fraced down 2 7/8 N-80 tbg W/ 58,694# 20/40 mesh sand in 472 bbls Viking I-25 fluid. Frac was flowed back through chokes. Frac tbg and tools were pulled from well. New interval was swab tested for sand cleanup (along with existing intervals). A revised BHA & production tbg was ran in and anchored in well W/ tubing anchor @ 5317', pump seating nipple @ 5353' and end of tubing string @ 5417'. A repaired 1 1/2" bore rod pump was ran in well on sucker rods. -Well was returned to production via rod pump on 11/18/02.

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

Signed

Gary Dietz
Gary Dietz

Title

Completion Foreman

Date

11/20/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM

**NOTICE OF
AGENCY
ACTION
CAUSE NO.
UIC 283**

IN THE MATTER OF
THE APPLICATION OF
INLAND PRODUCTION
COMPANY FOR
ADMINISTRATIVE AP-
PROVAL OF THE BEL-
UGA 9-18-9-17 WELL
LOCATED IN SEC. 18, T
9 S, R 17 E; THE
BALCRON MONU-
MENT FEDERAL 12-10-
9-17 WELL LOCATED IN
SEC. 10, T9S, R17E; AND
THE FEDERAL 2-1-9-16
WELL LOCATED IN SEC.
1, T9S, R16E, DUCHESNE
COUNTY, UTAH, AS
CLASS II INJECTION
WELLS

THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED 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
Inland Production Company
for administrative approval
of the Beluga 9-18-9-17
well, located in Section 18,

Township 9 South, Range
17 East; The Balcron Monu-
ment Federal 12-10-9-17
well, located in Section 10,
Township 9 South, Range
17 East; the the Federal 2-1-
9-16 well, located in Section
1, Township 9 South, Range
16 East, Duchesne County,
Utah, for conversion to
Class II injection wells.
These wells are located in
the Beluga, Blackjack and
Jonah Units respectively.
The proceeding will be con-
ducted in accordance with
Utah Admin. R649-10,
Administrative Procedures.

scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be pre-
pared to demonstrate at the
hearing how this matter af-
fects their interests.

Dated this 12th day of
December, 2001.
STATE OF UTAH
DIVISION OF OIL
& MINING
John R. Baza
Associate Director
Published in the Uintah
Basin Standard Decembe
18, 2001.

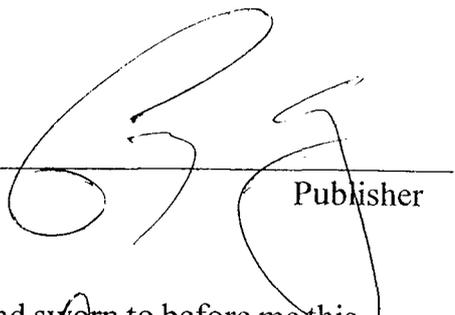
Selective zones in the
Green River Formation will
be used for water injection.
The maximum requested
injection pressure and rate
will be determined based on
fracture gradient information
submitted by Inland Pro-
duction Company.

Any person desiring to
object to the application or
otherwise intervene in the
proceeding, must file a writ-
ten protest or notice of in-
tervention with the Divi-
sion within fifteen days fol-
lowing publication of this
notice. If such a protest or
notice of intervention is re-
ceived, a hearing will be

DAVIT OF PUBLICATION

y of Duchesne,
E OF UTAH

I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at Roosevelt,
and County aforesaid, and that a certain notice, a true
copy of which is hereto attached, was published in the full
page of such newspaper for 1 consecutive issues, and
the first publication was on the 18 day of
ember, 2001, and that the last publication
of this notice was in the issue of such newspaper dated the
1 day of December, 2001.



Publisher

Subscribed and sworn to before me this
day of December, 2001
Bonnie Parrish
Notary Public


BONNIE PARRISH
NOTARY PUBLIC • STATE of UTAH
471 N. HILLCREST DR. (415-5)
ROOSEVELT, UT 84066
COMM. EXP 3-31-2004



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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



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		

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:	BLACKJACK (GR)

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TAR SANDS FED 4-33	33	080S	170E	4301331664	12704	Federal	OW	P
TAR SANDS FED 5-33	33	080S	170E	4301331665	12704	Federal	WI	A
TAR SANDS FED 12-33	33	080S	170E	4301331757	12704	Federal	OW	P
TAR SANDS FED 6-33	33	080S	170E	4301331814	12704	Federal	OW	P
TAR SANDS FED 7-33	33	080S	170E	4301331860	12704	Federal	WI	A
TAR SANDS FED 11-33	33	080S	170E	4301331861	12704	Federal	WI	A
TAR SANDS FED 10-33	33	080S	170E	4301331884	12704	Federal	OW	P
TAR SANDS FED 15-33	33	080S	170E	4301331890	12704	Federal	OW	P
FEDERAL 24-3Y	03	090S	170E	4301331397	12704	Federal	WI	A
MON FED 14-3-9-17Y	03	090S	170E	4301331535	12704	Federal	OW	P
PAIUTE FED 32-4R-9-17	04	090S	170E	4301330674	12704	Federal	NA	DRL
FEDERAL 44-4Y	04	090S	170E	4301331452	12704	Federal	WI	A
ALLEN FED 43-5R-9-17	05	090S	170E	4301330720	12704	Federal	NA	DRL
MON FED 31-5-9-17	05	090S	170E	4301331680	12704	Federal	WI	A
FEDERAL 31R-9H	09	090S	170E	4301331107	12704	Federal	WI	A
CASTLE DRAW 10-10-9-17	10	090S	170E	4301330684	12704	Federal	OW	P
CASTLE DRAW 14-10	10	090S	170E	4301330994	12704	Federal	OW	P
FEDERAL 22-10Y	10	090S	170E	4301331395	12704	Federal	WI	A
BALCRON MON FED 12-10-9-17Y	10	090S	170E	4301331536	12704	Federal	OW	P
BALCRON MON FED 21-10-9-17Y	10	090S	170E	4301331537	12704	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

MAY 21 2009

RECEIVED

MAY 26 2009

DIV. OF OIL, GAS & MINING

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: Additional Well: Castle Draw Area Permit
Corrective Action Required
UIC Permit No. UT20776-00000
Well ID: UT20776-08319
Balcron Monument Federal 12-10Y-9-17
1994' FNL & 618' FWL
SW NW Sec. 10 T9S-R17E
Duchesne County, Utah
API #43-013-31536

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Balcron Monument Federal 12-10Y-9-17 to an enhanced recovery injection well under the Castle Draw Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Castle Draw Area Permit No. UT20776-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,562 feet and the top of the Wasatch Formation, estimated at 5,840 feet.

RECEIVED

MAY 26 2009

DIV. OF OIL, GAS & MINING

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a Part 1 (Internal) mechanical integrity test (MIT), (2) a pore pressure calculation of the injection interval, and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Balcron Monument Federal 12-10Y-9-17 was determined to be 1,180 psig. UIC Area Permit UT20776-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Ms. Sarah Bahrman at (303) 312-6243 or 1-(800)-227-8917 (Ext. 312-6243). Please submit the required data to ATTENTION: Sarah Bahrman, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

FOR RECORD
DATE
TIME
NO.

Encl: Authorization for Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Proposed Wellbore and P&A Wellbore schematics for Balcron Monument Federal 12-10Y-9-17
Aquifer Exemption

cc: Permit Letter:
Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah

RECEIVED

MAY 26 2009

DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20776-00000

The Castle Draw Unit Final UIC Area Permit No.UT20776-00000, effective November 29, 1995, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On January 7, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name: Balcron Monument Federal 12-10Y-9-17
EPA Well ID Number: UT20776-08319
Location: 1994' FNL & 618' FWL
SW NW Sec. 10 T9S-R17E
Duchesne County, Utah
API #43-013-31536

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20776-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

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

This Authorization is effective upon signature.

Date: MAY 21 2009

[Handwritten signature of Stephen S. Tuber]

Stephen S. Tuber
*Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Balcron Monument Federal 12-10Y-9-17**
EPA Well ID Number: **UT20776-08319**

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

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

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

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation [3,562 feet (KB)] to the top of the Wasatch Formation, which is estimated to be at a depth of [5,840 feet (KB)].

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,180 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}; \text{ where} \\ \text{FG} &= 0.69 \text{ psi/foot} \quad \text{SG} = 1.015 \quad \text{D} = \underline{\mathbf{4,714 \text{ feet}}} \text{ (top perforation depth KB)} \\ \text{MAIP} &= \underline{\mathbf{1,180 \text{ psig}}} \end{aligned}$$

UIC Area Permit No. UT20776-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

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

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 50 feet above the top perforation.

Demonstration of Mechanical Integrity:

(1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

(2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (External) Mechanical Integrity is not required at this time.

Authorization for Additional Well: UIC Area Permit UT20776-00000
Well: Balcron Monument Federal 12-10Y-9-17 EPA Well ID: UT20776-08319

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

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

- PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.
- PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 2,710 ft to 2,860 ft (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 150-foot balanced cement plug inside the 5-1/2" casing from approximately 2,710 to 2,860 ft (KB).
- PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,248 ft (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot plug inside the 5-1/2" casing from approximately 1,188-1,308 ft (KB).
- PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing to 309 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

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INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Balcron Monument Federal 12-10Y-9-17
EPA Well ID Number: UT20776-08319

Underground Sources of Drinking Water (USDWs): USDWs in the Castle Draw Unit Area Permit generally occur within the Uinta Formation. According to "Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92," the base of moderately saline ground water may be found at approximately 68 ft (KB) below ground surface in the Balcron Monument Federal 12-10Y-9-17 well.

http:NRWRT1.NR.STATE.UT.US:

There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]:

- TDS of the Douglas Creek Member of the Green River Formation Water: 7,331 mg/l.
- TDS of Jonah Facility Injection System source water: 13,556 mg/l.

The **injectate** is water from the Jonah Facility Injection System blended with produced Green River Formation Water resulting in TDS < 10,000 mg/l.

Aquifer Exemption is required because the TDS of water produced from the proposed injection well is less than 10,000 mg/l.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 202 feet of shale between the depths of 3,360 ft and 3,562 ft (KB).

Injection Zone: The Injection Zone at this well location is approximately 2,278 ft of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,562 feet (KB) to the top of the Wasatch Formation, which is estimated to be at 5,840 ft (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL shows 80% or greater cement bond in the Confining Zone (3,517 ft to 3,565 ft).

Surface Casing: 8-5/8" casing is set at 259 ft (KB) in a 12-1/4" hole, using 160 sacks Class G cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5549 ft (KB) in a 7-7/8" hole secured with 650 sacks of cement. Total drilled depth 5,554 ft. Plugged back total depth is 5,498 ft. EPA calculates top of cement at 1,341 ft. Estimated CBL top of cement is 1,340 ft.

Perforations: Top perforation: 4,714 ft (KB) Bottom perforation: 5,453 ft (KB)

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following five (5) wells that penetrate the confining zone within or proximate to a 1/4 mile radius around the Balcron Monument Federal 12-10Y-9-17 were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

Well: Castle Draw 8-9-9-17	API: 43-013-32078	SENE Sec. 9-T9S-R17E
Well: Blackjack Federal 12-10-9-17	API: 43-013-32505	NWSW Sec. 10-T9S-R17E
Well: Blackjack Federal G-10-9-17	API: 43-013-33919	SWNW Sec. 10-T9S-R17E
Well: Blackjack Federal F-10-9-17	API: 43-013-33920	NWNW Sec. 10-T9S-R17E
Well: Balcron Federal 22-10Y-9-17	API: 43-013-31395	SENE Sec. 10-T9S-R17E

Corrective Action Required on two AOR wells:

Well: Blackjack Federal 12-10-9-17 API: 43-013-32505 NWSW Sec. 10-T9S-R17E
Less than 18 feet of 80 percent or greater cement bond index across confining zone (3,462-3,515 ft). TOC at 175 ft. Refer to corrective action plan described below.

Well: Balcron Federal 22-10Y-9-17 API: 43-013-31395 SENW Sec. 10-T9S-R17E
Less than 18 feet of 80 percent or greater cement bond index across confining zone (3,510-3,540 ft). TOC at 2,450 ft. Refer to corrective action plan described below.

AOR Well Corrective Action Plan: The Blackjack Federal 12-10-9-17 and Balcron Federal 22-10Y-9-17 wells shall be monitored weekly at the surface for evidence of fluid movement out of the injection zone.

In addition, Newfield developed a corrective action monitoring program, effective July 10, 2008, entitled "Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by the EPA to have specific Area of Review (AOR) wells with inadequate cement across the Confining Zone" and the permittee is referred to this document.

If possible fluid movement out of the Injection Zone is identified, either through the weekly monitoring, through Newfield's July 10, 2008 procedure described above, or through any other means, (for example, evidence of fluid flow or increased bradenhead annulus pressure readings, the Permittee will shut in the Balcron Monument Federal 12-10Y-9-17 well immediately and notify the Director. No injection into the Balcron Monument Federal 12-10Y-9-17 well will be permitted until the Permittee has notified the Director that the situation has been resolved, submitted Rework Records (EPA Form No. 7520-12) and a schematic diagram, and received authorization from the Director to re-commence injection.

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Corrective Action Not Required on three AOR wells:

Well: Castle Draw 8-9-9-17 API: 43-013-32078 SENE Sec. 9-T9S-R17E
Shows 48 ft of 80 percent or greater cement bond index from 3,754-3,802 ft.

Well: Blackjack Federal G-10-9-17 API: 43-013-33919 SWNW Sec. 10-T9S-R17E
Shows 75 ft of 80 percent of greater cement bond index from 3,443-3,518 ft.

Well: Blackjack Federal F-10-9-17 API: 43-013-33920 NWNW Sec. 10-T9S-R17E
Shows 1,732 ft of 80 percent of greater cement bond index from 3,470-5,202 ft.

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

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

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

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

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

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

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Balcron Monument Federal #12-10Y-9-17

Spud Date: 12-7-95

Initial Production: 25 BOPD,
0 MCFPD, 0 BWPD

✓ Put on Production: 1-3-96
GL: 5158' KB: 5168'

Proposed Injection Wellbore Diagram

FRAC JOB

✓ SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 5 jts. (249.16')
DEPTH LANDED: 259.16'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sx Class "G", est 4 Bbls cmt to surface

12-20-95 4714'-5004' Frac sand as follows:
12,978 gals 2% KCL gelled water and
70,040# 16/30 sand. Treated w/avg press
of 3300 psi w/avg rate of 34 BPM. ISIP:
3800 psi, 5 min 2370 psi. Screened out.
11-15-02 5384'-5453' Frac new CP sands as follows:
58,694# 20/40 sand in 472 bbls Viking
I-25 fluid. Treated @ avg pressure of
3205 psi w/ ave rate of 16.2 BPM.
ISIP-1510 psi.
Calc. Flush: 1399 gals
Actual Flush: 1302 gals.

EPA TOC calc = 1341'

✓ PRODUCTION CASING

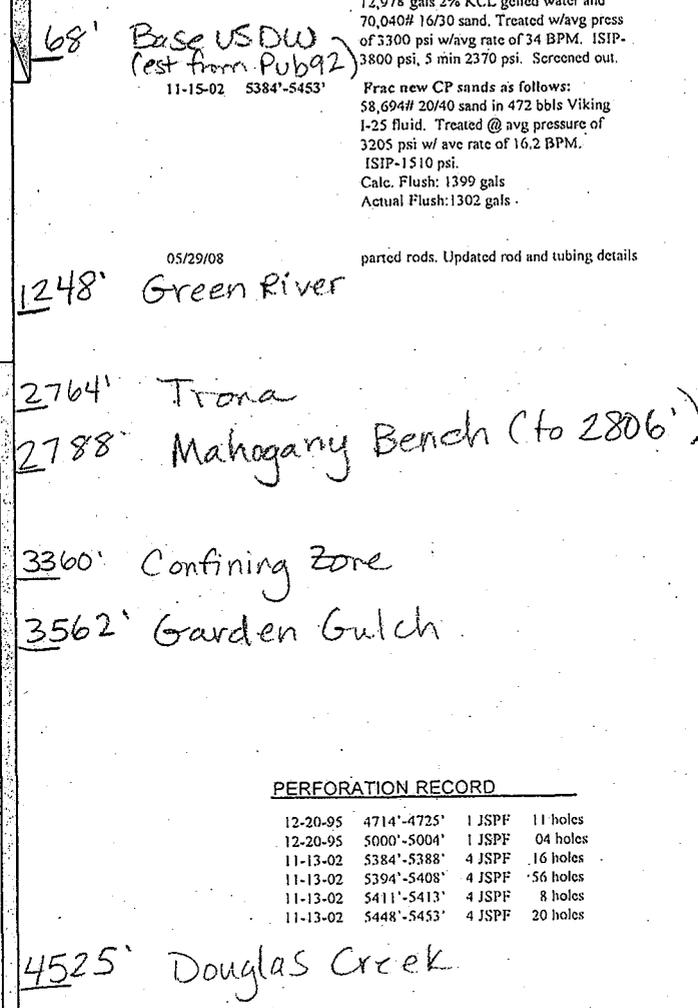
CSG SIZE: 5-1/2" Cement Top @ 1340' per CBL.
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 127 jts. (5538.55')
DEPTH LANDED: 5548.55'
HOLE SIZE: 7-7/8"
CEMENT DATA: 400 sx Super G & 250 sx 50/50 Poz
CEMENT TOP AT: 1340' per CBL. ✓

05/29/08 parted rods. Updated rod and tubing details

80% cement bond index
3517 - 3565' (48ft.)

TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 170 jts (5307.28')
TUBING ANCHOR: 5317.28'
NO. OF JOINTS: 1 jt (31.47')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5351.55'
NO. OF JOINTS: 2 jts (63.93')
TOTAL STRING LENGTH: EOT @ 5417.03



PERFORATION RECORD

Date	Depth Range	Tool	Holes
12-20-95	4714'-4725'	1 JSPP	11 holes
12-20-95	5000'-5004'	1 JSPP	04 holes
11-13-02	5384'-5388'	4 JSPP	16 holes
11-13-02	5394'-5408'	4 JSPP	56 holes
11-13-02	5411'-5413'	4 JSPP	8 holes
11-13-02	5448'-5453'	4 JSPP	20 holes

Packer @ 4679'
4714'-4725'

5000'-5004'

5384'-5388'

5394'-5408'

5411'-5413'

5448'-5453'

PBTD @ 5498' ✓

SHOE @ 5549'

TD @ 5554' ✓

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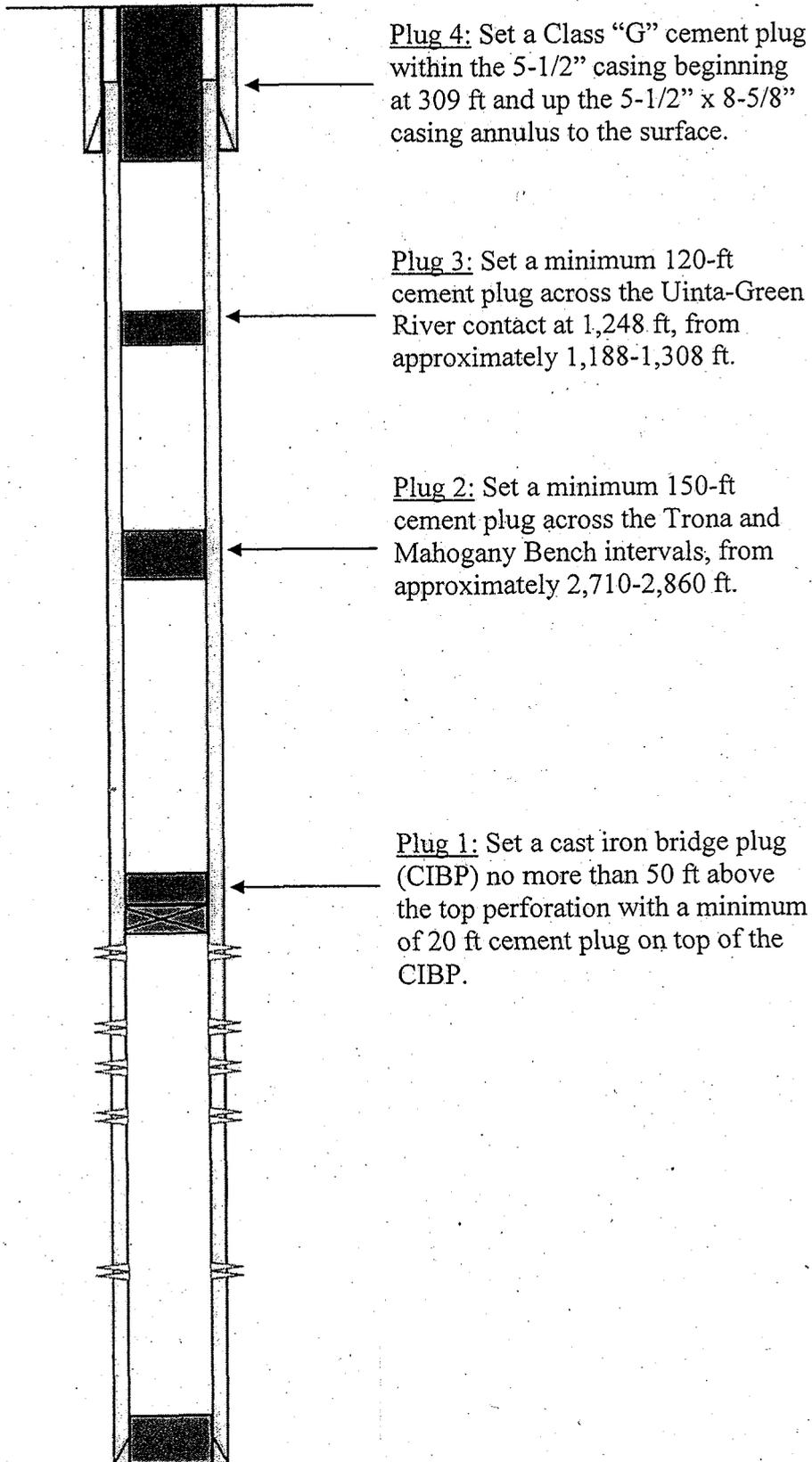
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5715' Basal carbonate (est.)
5840' Wasatch (est.)

NEWFIELD

Balcron Monument Federal 12-10Y-9-17
1994' FNL & 618' FWL
SW/NW Section 10-T9S-R17E
Duchesne Co, Utah
API #43-013-31536; Lease #UTU-65210

**Plugging and Abandonment Diagram for
Balcron Monument Federal 12-10Y-9-17**





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917

UNDERGROUND INJECTION CONTROL
AQUIFER EXEMPTION

For

NEWFIELD PRODUCTION COMPANY'S
JONAH AREA PERMIT UT20642-00000

BALCRON MONUMENT FEDERAL 12-10Y-9-17
EPA PERMIT UT20776-08319
SW NW SECTION 10-T9S-R17E
DUCHESNE COUNTY, UTAH

UINTAH & OURAY INDIAN RESERVATION

In compliance with provisions of the Safe Drinking Water Act, as amended, (42 USC § 300f-300j-11, commonly known as the SDWA) and attendant regulations incorporated by the U.S. Code of Federal Regulations, the Douglas Creek Member of the Green River Formation, located in the subsurface at approximately 4,525 and 5,715 feet, and within a one-quarter (1/4) mile radius of the Balcron Monument Federal 12-10Y-9-17, Duchesne County, Utah is being exempted as an underground source of drinking water (USDW) because:

- (1) The proposed injection zone does not currently serve as a source of drinking water, and
- (2) The proposed injection zone contains commercially producible quantities of hydrocarbons.

This Aquifer Exemption (AE) is granted in conjunction with the Underground Injection Control Castle Draw Area Permit, UT20776-00000, issued to Newfield Production Company,

Date: **MAY 21 2009**

Stephen S. Tuber

*Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-65210

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
BLACKJACK UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
BALCRON MON FED 12-10-9-17Y

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331536

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: 1994 FNL 618 FWL
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 10, T9S, R17E

COUNTY: DUCHESNE
STATE: UT

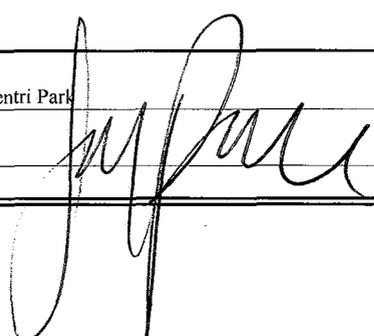
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/20/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY 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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -	
	<input checked="" 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.

The subject well has been converted from a producing oil well to an injection well on 08/03/09. On 06/30/09 Steven Pratt with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 07/07/09. On 08/12/09 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 220 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-08319 API# 43-013-31536

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech
SIGNATURE  DATE 08/20/2009

(This space for State use only)

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Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 8 / 12 / 09
 Test conducted by: Joe Pippy
 Others present: _____

Well Name: <u>Monument Federal 12-10y-9-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Monument Butte</u>	
Location: <u>12-10y-9-17</u> Sec: <u>10</u> T <u>9</u> N <u>10</u> R <u>17</u> E <u>10</u> County: <u>Duchesne</u> State: <u>ut</u>	
Operator: <u>Newfield</u>	
Last MIT: / /	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>220</u> psig	psig	psig
End of test pressure	<u>220</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1275</u> psig	psig	psig
5 minutes	<u>1275</u> psig	psig	psig
10 minutes	<u>1275</u> psig	psig	psig
15 minutes	<u>1275</u> psig	psig	psig
20 minutes	<u>1275</u> psig	psig	psig
25 minutes	<u>1275</u> psig	psig	psig
30 minutes	<u>1275</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: _____



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

SEP 03 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: Authorization to Commence Injection
EPA UIC Permit UT20776-08319
Well: Balcron Monument Federal 12-10Y-9-17
SW/NW Section 10 T9S R17E
Duchesne County, Utah
API #: 43-013-31536

Dear Mr. Guinn:

Newfield Production Company (Newfield) has satisfactorily completed Environmental Protection Agency (EPA) Prior to Commencing Injection requirements for Final Permit UT20776-08319, effective May 21, 2009. The Part I (Internal) Mechanical Integrity Test (MIT), Well Rework Record (EPA Form No. 7520-12), schematic diagram, and pore pressure, were reviewed and approved by EPA on August 31, 2009.

As of the date of this letter, Newfield is authorized to commence injection into Balcron Monument Federal 12-10Y-9-17 at a maximum allowable injection pressure (MAIP) of 1,180 psig. Until such time as the Permittee demonstrates through a Step Rate Test (SRT) that the Fracture Gradient (FG) is other than 0.69 psi/ft, Balcron Monument Federal 12-10Y-9-17 shall be operated at a MAIP no greater than 1,180 psig.

As of this approval, responsibility for permit compliance and enforcement is transferred to Region 8 UIC Technical Enforcement Program office. Therefore, please direct all monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well to:

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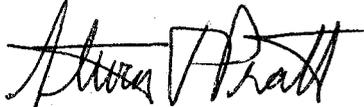
Mr. Nathan Wiser
Technical Enforcement Program – UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20776-08319.

If you have questions regarding the above action, please call Sarah Bahrman at 303-312-6243 or 1-800-227-8917, ext. 312-6243.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc:

Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

5. Lease Serial No.
USA UTU-65210

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BLACKJACK UNIT

8. Well Name and No.
BALCRON MON FED 12-10-9-17Y

9. API Well No.
4301331536

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1994 FNL 618 FWL
SWNW Section 10 T9S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status put well on injection.
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 3:30PM on 9-10-09.

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

I hereby certify that the foregoing is true and correct (Printed/ Typed)
Kathy Chapman
Signature *Kathy Chapman*

Title
Office Manager
Date
09/10/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title _____ Date _____
Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

(Instructions on page 2)

SEP 14 2009

DIV. OF OIL, GAS & MINING

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-65210
		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: BALCRON MON FED 12-10-9-17Y
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013315360000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1994 FNL 0618 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 10 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: 7/14/2014	<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="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 07/14/2014 the casing was pressured up to 1306 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1470 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08319

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**
August 04, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/25/2014	

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: 7/14/14
 Test conducted by: Kane Stevenson
 Others present: _____

Well Name: <u>Balson man Fed</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>12</u> Sec: <u>10Y</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1/1</u>	Maximum Allowable Pressure: <u>1550</u>	PSIG

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

Pre-test casing/tubing annulus pressure: CSG-0 Tub-1490 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1490</u> psig	psig	psig
End of test pressure	<u>1470</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1292</u> psig	psig	psig
5 minutes	<u>1296</u> psig	psig	psig
10 minutes	<u>1299</u> psig	psig	psig
15 minutes	<u>1301</u> psig	psig	psig
20 minutes	<u>1303</u> psig	psig	psig
25 minutes	<u>1305</u> psig	psig	psig
30 minutes	<u>1306</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

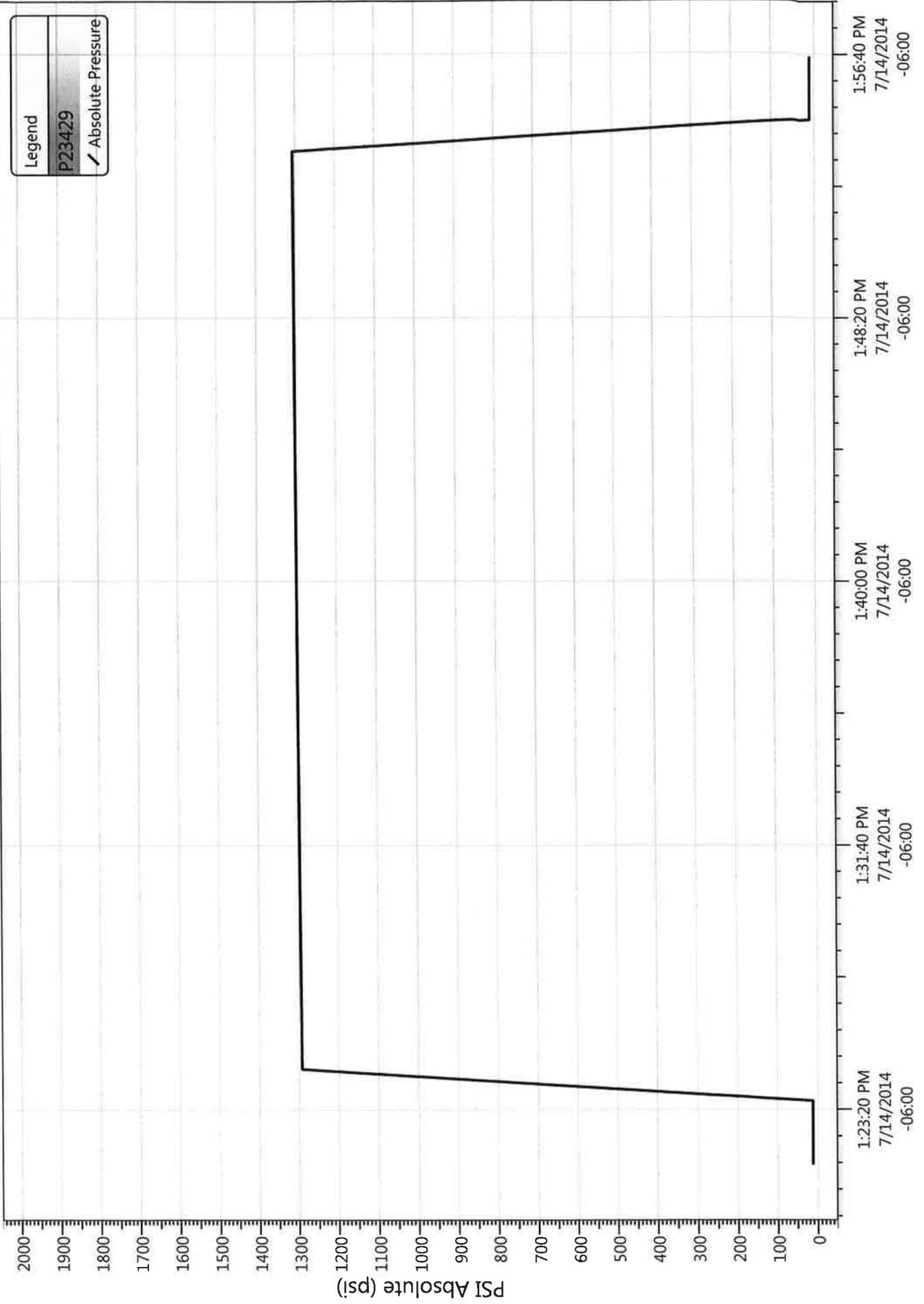
Does the annulus pressure build back up after the test? Yes No

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: _____

Balcron Mon Fed 12-10Y-9-17 (5 Year MIT) 7/14/2014
7/14/2014 1:20:59 PM





43-013-31536

Well Name: BICrn Mon 12-10Y-9-17

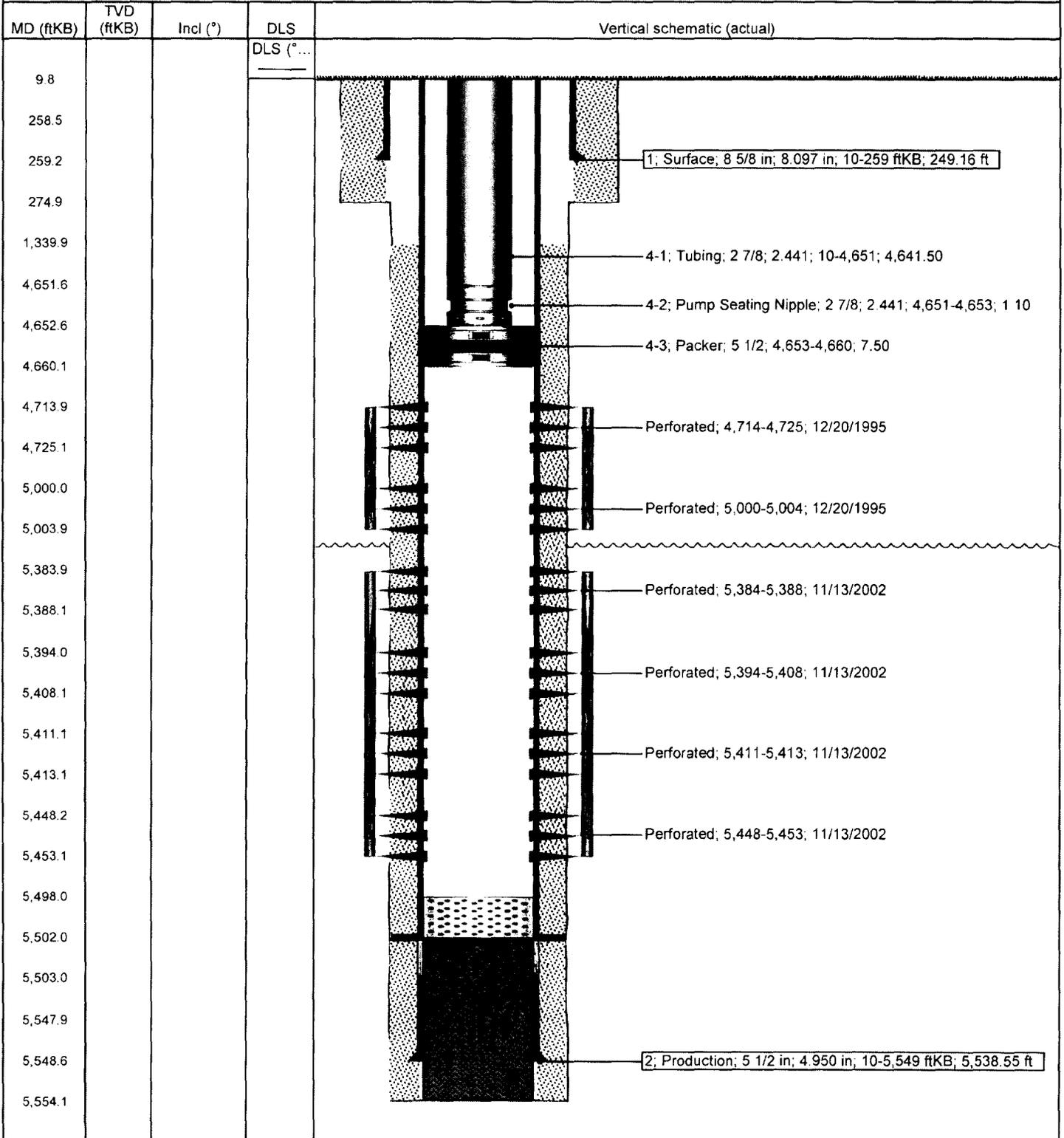
Surface Legal Location 10-9S-17E				API/UWI 43013315360000	Well RC 500151007	Lease	State/Province Utah	Field Name GMBU CTB8	County Duchesne
Spud Date 12/7/1995	Rig Release Date 12/18/1995	On Production Date 12/23/1995	Original KB Elevation (ft) 5,168	Ground Elevation (ft) 5,158	Total Depth All (TVD) (ftKB)			PBTD (All) (ftKB) Original Hole - 5,501.9	

Most Recent Job

Job Category Testing	Primary Job Type	Secondary Job Type N/A	Job Start Date 7/14/2014	Job End Date 7/14/2014
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TD: 5,554.0

Vertical - Original Hole, 3/31/2016 9:02:57 AM



NEWFIELD



Newfield Wellbore Diagram Data Blcrn Mon 12-10Y-9-17

Surface Legal Location 10-9S-17E		API/UWI 43013315360000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 12/7/1995		Spud Date 12/7/1995		Final Rig Release Date 12/18/1995	
Original KB Elevation (ft) 5,168		Ground Elevation (ft) 5,158		Total Depth (ftKB) 5,554.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,501.9	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	12/8/1995	8 5/8	8.097	24.00	J-55	259
Production	12/17/1995	5 1/2	4.950	15.50	J-55	5,549

Cement

String: Surface, 259ftKB 12/8/1995

Cementing Company BJ Services Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 275.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 10.0

String: Production, 5,549ftKB 12/17/1995

Cementing Company BJ Services Company	Top Depth (ftKB) 1,340.0	Bottom Depth (ftKB) 5,554.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 3% salt+ BA-91+3%gel+ 1/4#/sk Cello Seal	Fluid Type Lead	Amount (sacks) 400	Class Super G	Estimated Top (ftKB) 1,340.0
Fluid Description 2%gel + 1/4#/sk Cello Seal	Fluid Type Tail	Amount (sacks) 250	Class 50/50 POZ	Estimated Top (ftKB) 3,447.0

Tubing Strings

Tubing Description				Run Date	Set Depth (ftKB)			
Tubing				7/31/2009	4,660.1			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)
Tubing	174	2 7/8	2.441	6.50	J-55	4,641.50	10.0	4,651.5
Pump Seating Nipple		2 7/8	2.441			1.10	4,651.5	4,652.6
Packer		5 1/2				7.50	4,652.6	4,660.1

Rod Strings

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

Other In Hole

Des	Top (ftKB)	Blm (ftKB)	Run Date	Pull Date
Fill	5,498	5,502	11/18/2002	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
1	C, Original Hole	4,714	4,725	1			12/20/1995
2	A, Original Hole	5,000	5,004	1			12/20/1995
3	CP, Original Hole	5,384	5,388	4			11/13/2002
3	CP, Original Hole	5,394	5,408	4			11/13/2002
3	CP, Original Hole	5,411	5,413	4			11/13/2002
3	CP, Original Hole	5,448	5,453	4			11/13/2002

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	3,800		34.5	5,200			
2	1,510	0.71	16.3	3,669			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 70040 lb
2		Proppant White Sand 58694 lb