

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS X WATER SANDS _____ LOCATION INSPECTED _____ SUB REPORT/abd. _____
 960401 Oper. Perm. Chgs. 971219 Equitable to Inland eff. 9-30-97:
 960422 Confidential Status Expired 4-22-96: 981202 Comm WTW, eff. 3-18-98!

DATE FILED: DECEMBER 8, 1994
 LAND: FEE & PATENTED _____ STATE LEASE NO. ML-45555 PUBLIC LEASE NO. _____ INDIAN _____
 DRILLING APPROVED: DECEMBER 19, 1994
 SPUDDED IN: 2-12-95
 COMPLETED: 3-22-95 PWD PUT TO PRODUCING: 3-22-95
 INITIAL PRODUCTION: 58 BOPD; 1.16 BWPD
 GRAVITY A.P.I. 34
 GOR: _____
 PRODUCING ZONES: 4116-4873' (GRRV)
 TOTAL DEPTH: 5250'
 WELL ELEVATION: 5077 GR
 DATE ABANDONED: _____
 FIELD: MONUMENT BUTTE FIELD
 UNIT: NA
 COUNTY: DUCHESNE
 WELL NO. BALCRON MONUMENT STATE #13-2 API NO. 43-013-31482
 LOCATION 2210' FSL FT. FROM (N) (S) LINE, 604' FWL FT. FROM (E) (W) LINE, NW SW 1/4 - 1/4 SEC 2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	2	EQUIT RES ENERGY CO Inland Prod. Co.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgate Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Wendover Sandstone	Dakota	Park City	McCracken
Walden Gulch	Burro Canyon	Rico (Goodridge)	Aneth
Y-9 Sandstone Pay	Cedar Mountain	Supai	Simonson Dolomite
Yellow Marker	Buckhorn	Wolfcamp	Sevy Dolomite
Y-10 Sandstone	JURASSIC	CARBON I FEROUS	North Point
Wendover Douglas Creek	Morrison	Pennsylvanian	SILURIAN
Wendover R-2 Sandstone	Salt Wash	Quirrh	Laketown Dolomite
Wendover R-5 Sandstone Pay	San Rafael Gr.	Weber	ORDOVICIAN
Wendover Douglas Creek	Summerville	Morgan	Eureka Quartzite
Wendover Greenmarker	Bluff Sandstone	Hermosa	Pogonip Limestone
Wendover G-5 Sandstone Pay	Curtis		CAMBRIAN
Wendover Black shale facies	Entrada	Pardox	Lynch
Wendover Amoske Marker	Moab Tongue	Ismay	Bowman
Wendover B-1 Sandstone Pay	Carmel	Desert Creek	Tapeats
Wendover B-2 Sandstone	Glen Canyon Gr.	Akah	Ophir
Wendover B-3 Sandstone	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

December 7, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the wells on the enclosed list. Our Production Supervisor for our Vernal District will be doing the onsites for these wells. I have talked with Dennis Ingram and he agreed that we will do the onsites for these wells at the same time as the onsite for the Balcron State #41-36Y. I have asked Dan to contact Dennis to set up a time for the onsites.

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

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

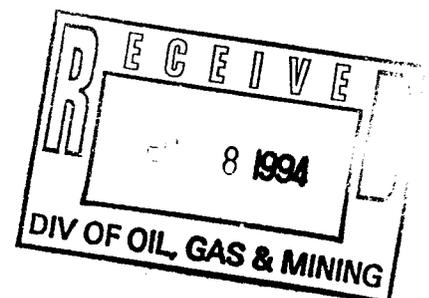
Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Farnsworth



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

CONFIDENTIAL

5. Lease Designation and Serial Number: State #ML-45555

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

Unit Agreement Name: n/a

1A. Type of Work: DRILL DEEPEN

B. Type of Well: OIL GAS OTHER: SINGLE ZONE MULTIPLE ZONE

6. Farm or Lease Name: Balcron Monument State

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

9. Well Number: #13-2

3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Wildcat: Undesignated/Green River

4. Location of Well (Footages):
At Surface: NW SW Section 2, T9S, R17E 2210' FSL, 604' FWL

11. Ctr/Ctr, Section, Township, Range, Meridian: NW SW 2, T9S, R17E

At Proposed Producing Zone:

14. Distance in miles and direction from nearest town or post office: Approximately 11 miles southeast of Myton, Utah

12. County: Duchesne 13. State: UTAH

15. Distance to nearest property or lease line (feet): 18. Number of acres in lease: 17. Number of acres assigned to this well:

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 19. Proposed Depth: 5,850' 20. Rotary or cable tools: Rotary

21. Elevations (show whether DF, RT, GR, etc.): GL 5077.1' 22. Approximate date work will start: 2-1-95

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program and Casing Design for details.				

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

DIVISION OF OIL, GAS & MINING

Operator intends to drill this well in accordance with the attached Drilling Program and Casing Design. Also attached are the survey plat, rig layout, BOPE diagram, cut and fill diagram, and topo maps. Drilling water source permit is also attached.

Access is on State Lands as well. If any type of right-of-way is necessary for that access, please consider this the application.

An archeological survey has been ordered and will be submitted as soon as it is received.

24. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: 12/7/94

Bobbie Schuman

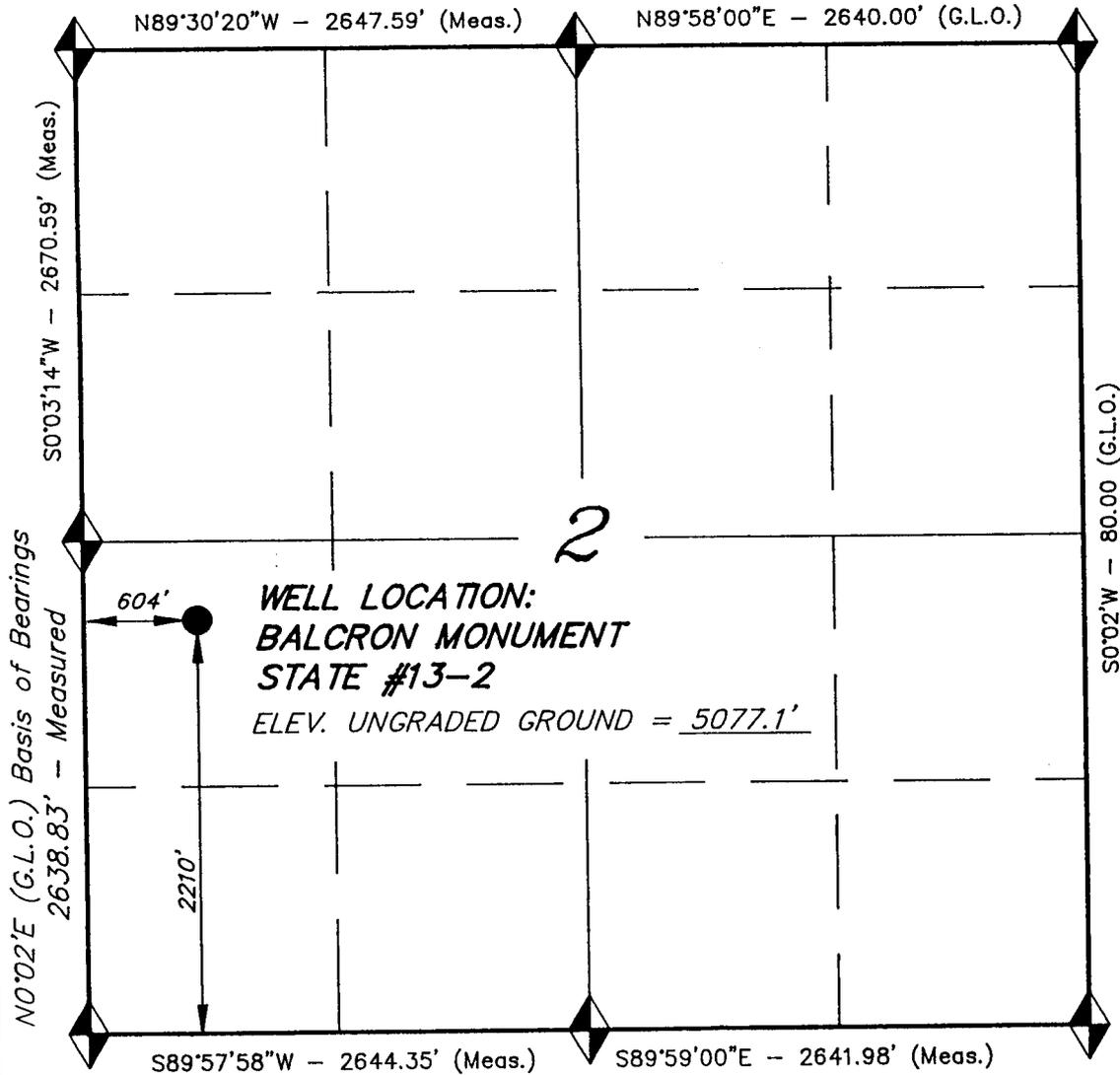
(space for State use only)

API Number Assigned: 43-013-31482 Approval: 12/19/94
Matthew
R649-3-3

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT STATE #13-2, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



N0°02'E (G.L.O.) Basis of Bearings
2638.83' - Measured

S0°03'14"W - 2670.59' (Meas.)

S0°02'W - 80.00 (G.L.O.)

2

**WELL LOCATION:
BALCRON MONUMENT
STATE #13-2**
ELEV. UNGRADED GROUND = 5077.1'

604'

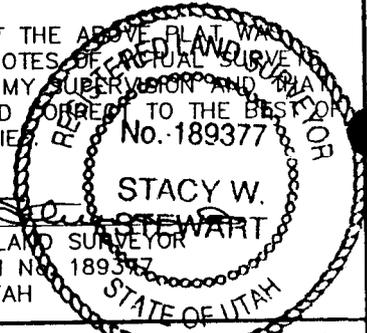
2210'

S89°57'58"W - 2644.35' (Meas.) S89°59'00"E - 2641.98' (Meas.)



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF A REAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH



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



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1909

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SCALE: 1" = 1000'

SURVEYED BY: G.S. S.S.

DATE: 11-21-94

WEATHER: COOL

NOTES:

FILE #13-2

MONUMENT BUTTE DRILLING PROGRAM

1

1995 DRILLING PROGRAM (State BATCH)

Balcron Monument STATE #12-2
SW NW Section 2, T9S, R17E
Duchesne County, Utah
1980' FNL, 660' FWL
Field: Undesignated
State Lease #ML-45555
PTD: 5,850' (Green River formation)
GL: 5097.14'

Balcron Monument STATE #13-2
NW SW Section 2, T9S, R17E
Duchesne County, Utah
2210' FSL, 604' FWL
Field: Undesignated
State Lease #ML-45555
PTD: 5,850' (Green River formation)
GL: 5077.1'

Balcron Monument STATE #22-2
SE NW Section 2, T9S, R17E
Uintah County, Utah
1980' FNL, 1980' FWL
Field: Undesignated
State Lease #ML-45555
PTD: 5,800' (Green River formation)
GL: 5047.36'

Balcron Monument STATE #23-2
NE SW Section 2, T9S, R17E
Uintah County, Utah
1980' FSL, 1980' FWL
Field: Undesignated
State Lease #ML-45555
PTD: 5,800' (Green River formation)
GL: 5081.86'

Balcron Monument STATE #24-2
SE SW Section 2, T9S, R17E
Uintah County, Utah
660' FSL, 1980' FWL
Field: Undesignated
State Lease #ML-45555
PTD: 5,700' (Green River formation)
GL: 5042.2'

MONUMENT BUTTE DRILLING PROGRAM

2

1995 DRILLING PROGRAM (State BATCH)

Balcron Monument STATE #32-2

SW NE Section 2, T9S, R17E

Uintah County, Utah

1980' FNL, 1980' FEL

Field: Undesignated

State Lease #ML-45555

PTD: 5,850' (Green River formation)

GL: 5076.1'

Balcron Monument STATE #34-2

SW SE Section 2, T9S, R17E

Uintah County, Utah

800' FSL, 1980' FEL

Field: Undesignated

State Lease #ML-45555

PTD: 5,750' (Green River formation)

GL: 5069.43'

12/7/94

/rs

**Equitable Resources Energy Company
Balcron Oil Division**

DRILLING PROGRAM

WELL NAME: Monument State #13-2 PROSPECT/FIELD: Monument Butte
LOCATION: NW SW Sec.2 Twn.98 Rge.17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5850'

HOLE SIZE INTERVAL

=====

12 1/4"	Surface to 260'
7 7/8"	260' to 5850' (TD)

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 lb/ft	J55
Production Casing	0	5850	5 1/2"	15.50	K55

(All casing strings will be new, 8 Rd, ST&C)

CEMENT PROGRAM

=====

Surface	150 sacks Class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surface.)
Production	250 sacks Thrify Lite and 400 sacks 50-50 Pozmix. (Actual cement volumes will be calculate from caliper log with cement top being 2000')

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	Surf	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	5850	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or DST's are planned.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument State 13-2
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2089 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	5,850	5-1/2"	15.50	K-55	ST&C	5,850	4.825		
		Collapse Load Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips)	S.F.	
1	2674	4040	1.511	2674	4810	1.80	90.68	222	2.45 J

Prepared by : McCoskery, Billings, MT
 Date : 12-06-1994
 Remarks :

Minimum segment length for the 5,850 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,674 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)

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name BALCRON MONUMENT STATE #13-2 Exploratory Control Well BMS #14-2
 Location NWSW SECTION 2-T9S-R17E 2210' FSL, 604' FWL Development X Operator EREC
 County DUCHESNE Field MON BUTTE KB 5071
 State UTAH Section NWSW 2 Section SWSW 2
 Total Depth 5850 Township 9S Township 9S
 GL (Ung) 5077.1 EST. KB 5086 Range 17E Range 17E

Formation Tops	Prognosis		Sample Top		Control Well High/Low		Deviation	
	Formation	Depth	Datum	Depth	Datum	Datum		Prog
UINTA	SURFACE							
GREEN RIVER	1459	3627			3687			
HORSEBENCH SS	2333	2753			2813			
2ND GARDEN GULCH	3875	1211			1271			
Y-2 SAND (PAY)	4167	919			979			
YELLOW MARKER	4482	604			664			
DOUGLAS CREEK	4642	444			504			
R-5 SAND (PAY)	4831	255			315			
2ND DOUGLAS CREEK	4883	203			263			
GREEN MARKER	5023	63			123			
G-5 SAND (PAY)	5141	-55			5			
BLACK SHALE FACIES	5367	-281			-221			
CARBONATE MARKER	5477	-391			-331			
B-1 SAND (PAY)	5512	-426			-366			
B-2 SAND (PAY)	5565	-479			-419			
TD	5850							

Samples
50' FROM 1400' TO 4000'
30' FROM 4000' TO TD
5' THROUGH EXPECTED PAY
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 3700' TO TD

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

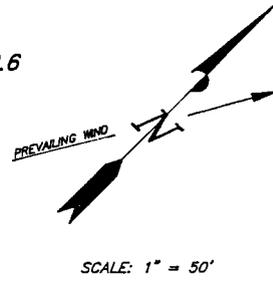
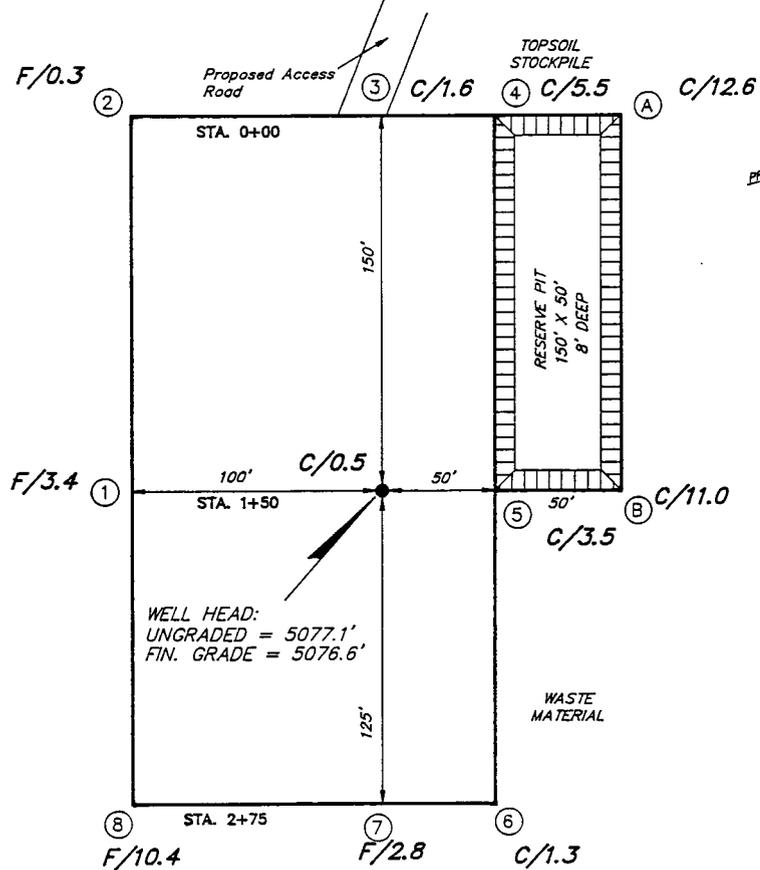
Mud Logger/Hot Wire
 Company:
 Required: (Yes/No) YES
 Type: TWO MAN
 Logger:
 Phone #
 Fax #

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 12/1/94 Phone # wk. hm.

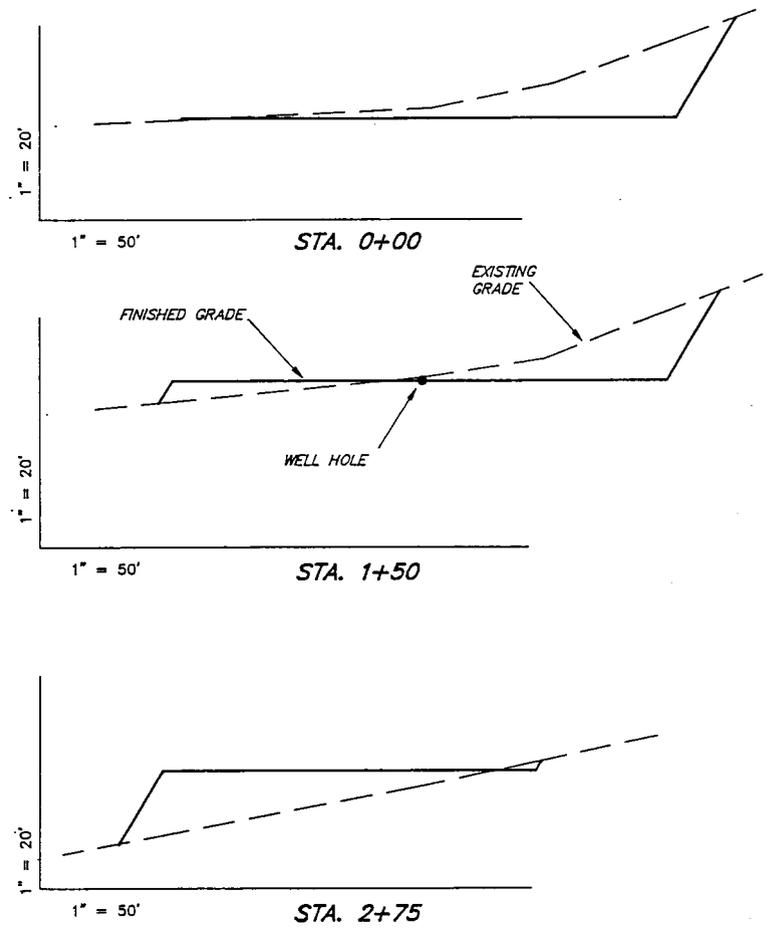
EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT STATE #13-2 SECTION 2, T9S, R17E, S.L.B.&M.



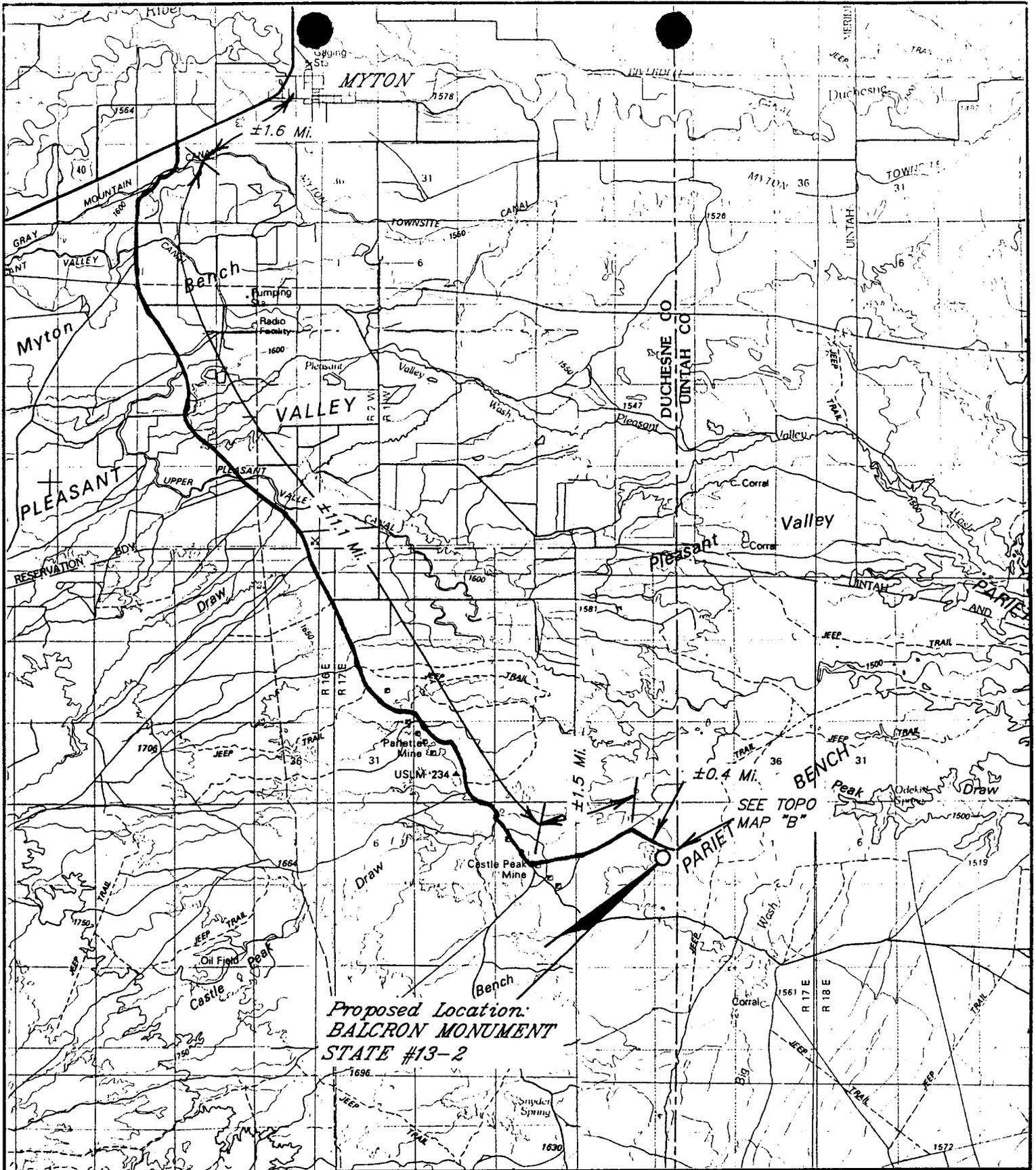
REFERENCE POINTS
200' WEST 5079.3'
250' WEST 5081.9'

APPROXIMATE YARDAGES
CUT = 4270 Cu. Yds.
FILL = 2800 Cu. Yds.
PIT = 2,710 Cu. Yds.
6" TOPSOIL = 910 Cu. Yds.



SURVEYED BY: S.S. J.S.
DRAWN BY: R.E.H.
DATE: 11-21-94
SCALE: 1" = 50'
FILE: 13-2 STATE

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



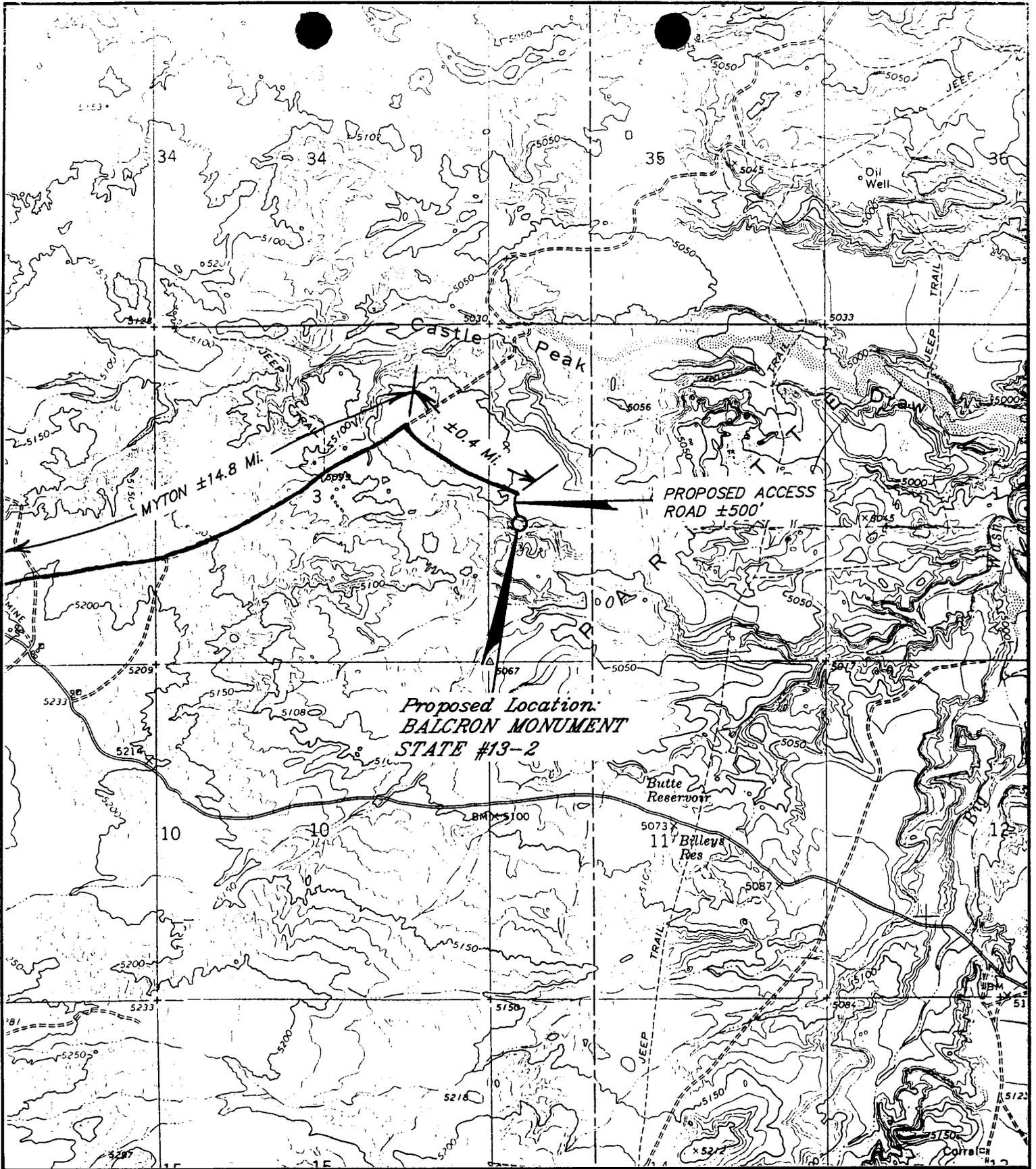
*Proposed Location:
BALCRON MONUMENT
STATE #13-2*

EQUITABLE RESOURCES CO.

*BALCRON MONUMENT STATE #13-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "A"*



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



*Proposed Location:
BALCRON MONUMENT
STATE #13-2*

EQUITABLE RESOURCES CO.

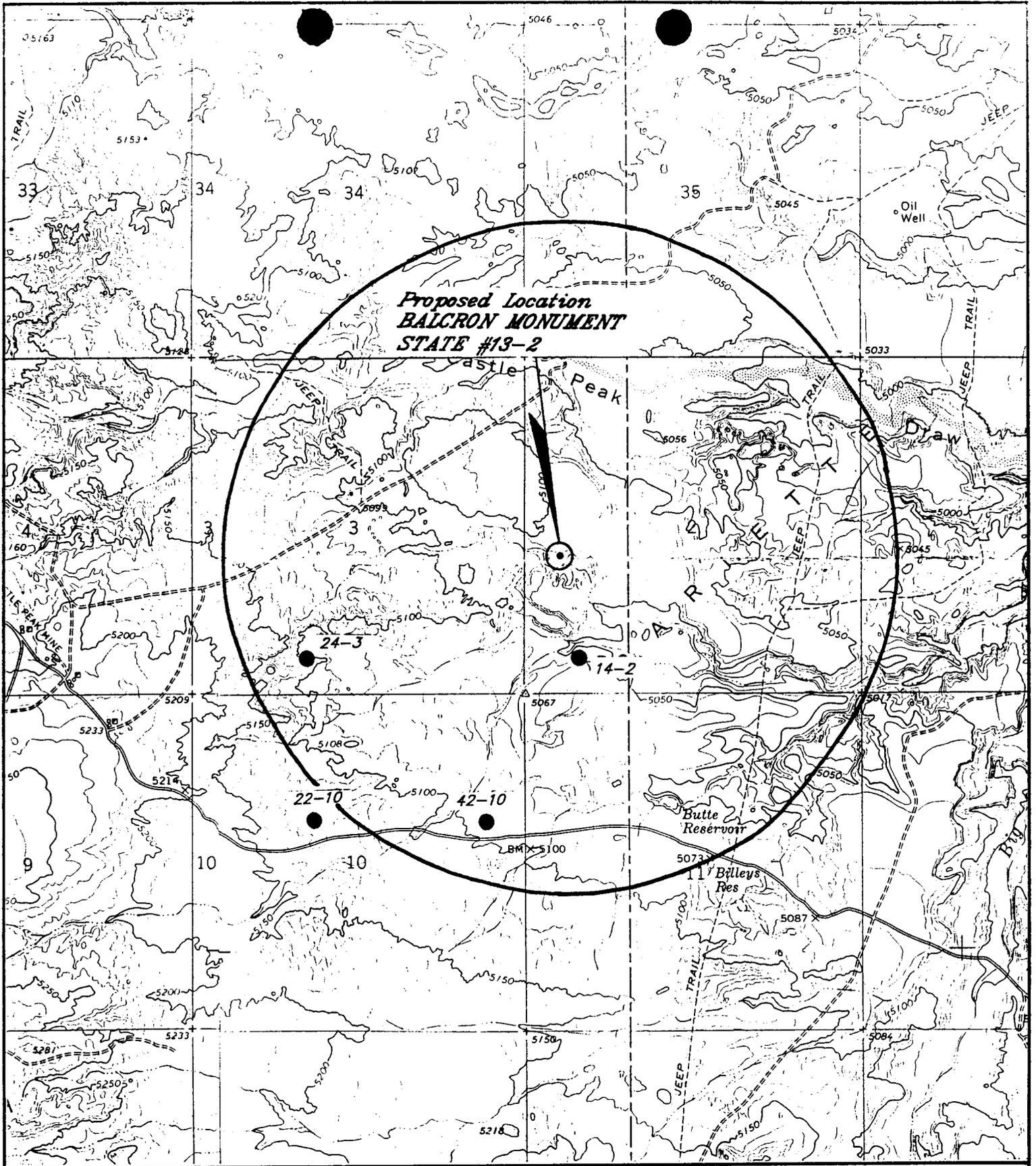
*BALCRON MONUMENT STATE #13-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "B"*



SCALE: 1" = 2000'

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

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES ENERGY CO.

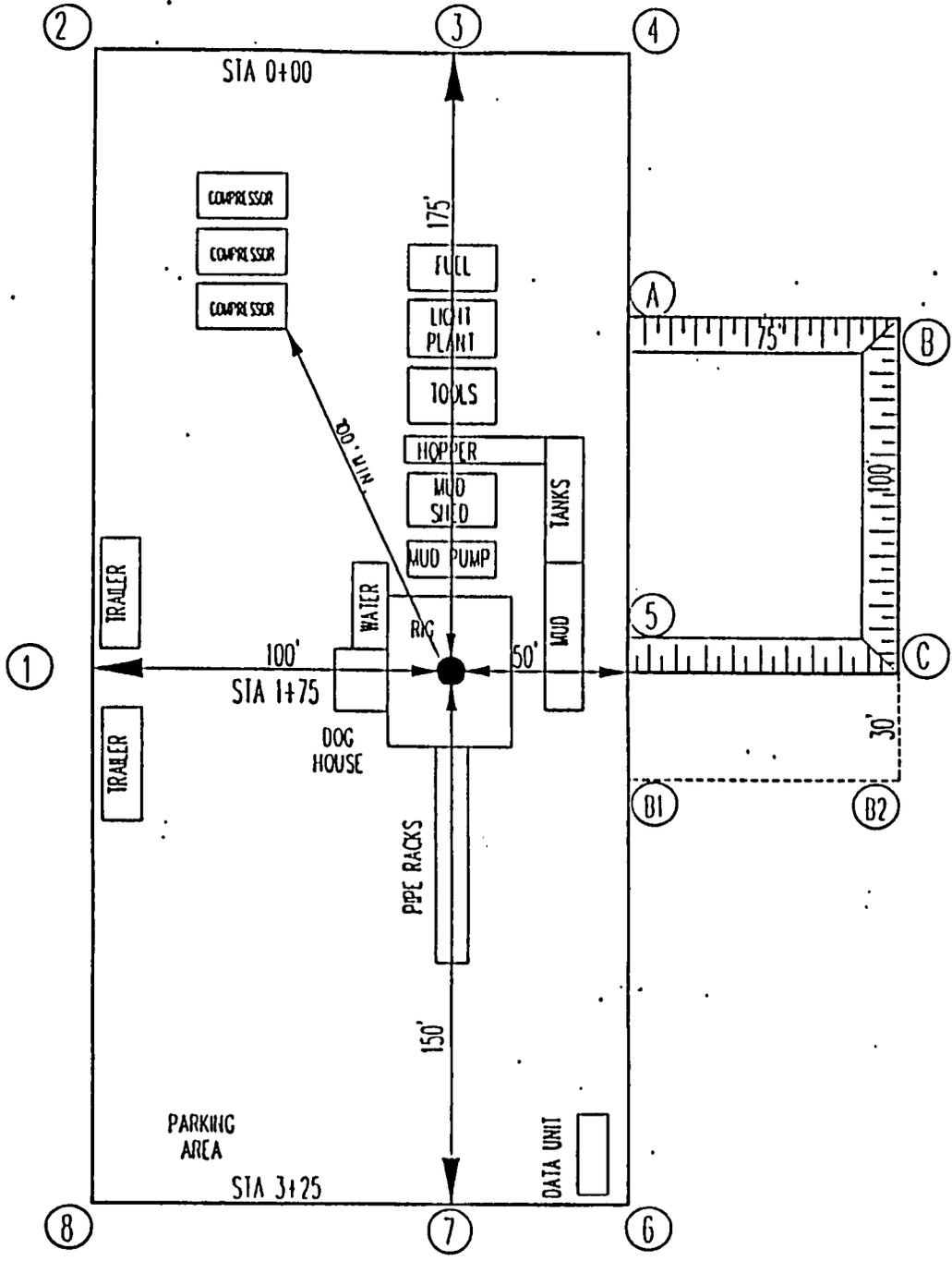
*BALCRON MONUMENT STATE #13-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "C"*



SCALE: 1" = 2000'

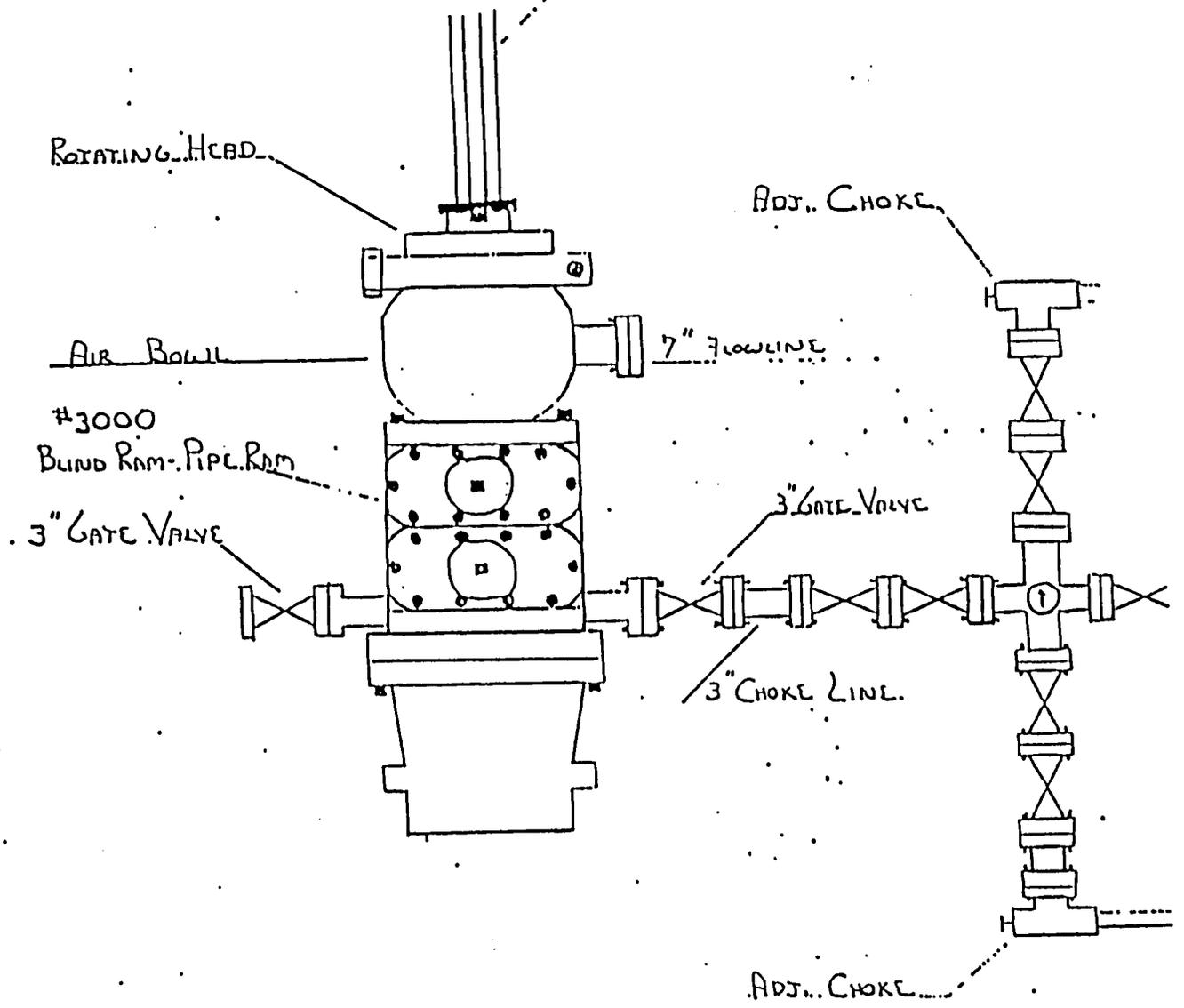
Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT




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

UNION DRILLING RIG #17 Hex Kelly -



#3000 Stack

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1674

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is Joe Shields

3. The Post Office address of the applicant is Myton, Utah 84052

4. The quantity of water to be appropriated .015 second-feet and/or _____ acre-feet

5. The water is to be used for Stockwatering & Other from _____ to _____

(Major Purpose) (Month) (Day) (Month) (Day)
other use period Irrigation from Apr. 1 to Oct. 31

(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from _____ to _____

6. The drainage area to which the direct source of supply belongs is _____
(Leave Blank)

7. The direct source of supply is* Drain
(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point*
West 900 ft. South 1100ft. from E 1/2 Cor. Sec. 15, T4S, R2W, USB&M
(3 1/2 Miles SW of Myton)

Myton, Utah

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection ditch to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE 1/4 SE 1/4 Sec. 15, T4S, R2W, USB&M

Total .25 Acres

12. Is the land owned by the applicant? Yes No _____ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes _____ No
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. _____

15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle
in NE 1/4 SE 1/4 Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons _____ or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton Oil Field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose hereby described.

Signature of Applicant

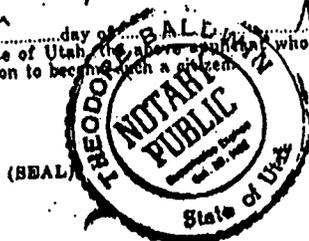
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah County of

On the 10th day of May 19 82, personally appeared before me, a notary public for the State of Utah, [Name], who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



Theodore Baldwin Notary Public

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/08/94

API NO. ASSIGNED: 43-013-31482

WELL NAME: BALCRON MONUMENT STATE 13-2
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NWSW 02 - T09S - R17E
SURFACE: 226¹⁰~~1~~-FSL-0604-FWL
BOTTOM: 226¹⁰~~1~~-FSL-0604-FWL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: 01/05/95		
TECH REVIEW	Initials	Date
Engineering	JM	12/19/94
Geology	D.J.	12/19/94
Surface	Rt	12/13/94

LEASE TYPE: STA
LEASE NUMBER: ML-45555

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Y Plat
- Y Bond: Federal[] State[X] Fee[]
(Number 0576)
- N Potash (Y/N)
- N Oil shale (Y/N)
- Y Water permit
(Number 47-1674)
- 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: _____

CONFIDENTIAL
PERIOD
EXPIRES
4-22-96

STIPULATIONS: _____



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

December 12, 1994

3 1994

OF OIL, GAS & MINING

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Balcron Monument State #13-2
NW SW Section 2, T9S, R17E
Duchesne County, Utah

43-013-31482

Operator hereby requests an Exception to Location on the referenced well. The location was moved from where it was originally planned because of topographical reasons.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY CO.
NAME: BALCRON MONUMENT STATE 13-2
SECTION: 2 TWP: 9S RNG: 17E LOC: 2210' FSL 604' FWL
QTR/QTR NW/SW COUNTY: DUCHESNE FIELD: UNDESIGNATED
SURFACE OWNER: STATE OF UTAH
SURFACE AGREEMENT: AS PER STATE LANDS
SPACING: 604 F SECTION LINE 530 F QTR/QTR LINE
STANDARD STATE SPACING R 649-3-2
INSPECTOR: DAVID W. HACKFORD DATE AND TIME: 12/13/94 10:30 AM

PARTICIPANTS: DAVID HACKFORD (DOG M), DENNIS INGRAM (DOG M) DANNY
FARNSWORTH (EQUITABLE)

REGIONAL SETTING/TOPOGRAPHY: SITE IS ON THE SOUTH SHOULDER OF A
SLIGHT RIDGE RUNNING WEST TO EAST. RIDGE IS 10' HIGHER THAN
SITE. A ROCKY DRAW RUNS WEST TO EAST 25' SOUTH OF SITE.

LAND USE:

CURRENT SURFACE USE: LIVESTOCK GRAZING WITH SOME WILDLIFE USE IN
THE AREA.

PROPOSED SURFACE DISTURBANCE: LOCATION 225' X 275' WITH 500'
ACCESS ROAD.

AFFECTED FLOODPLAINS AND/OR WETLANDS: AREA IS NOT A FLOODPLAIN
BUT COULD SEE RUNOFF DURING OR AFTER RAIN STORMS.

FLORA/FAUNA: SALTBRUSH, GREASEWOOD, NATIVE GRASSES, PRICKLY PEAR;
ANTELOPE, COYOTES, RABBITS, SMALL BIRDS, RAPTORS, REPTILES, DEER.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY LOAM.

SURFACE FORMATION & CHARACTERISTICS: UINTA FORMATION/ SOUTH
FLANK OF UINTA MOUNTAINS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE EROSION.
SEDIMENTATION AND STABILITY SHOULD NOT BE A PROBLEM.

PALEONTOLOGICAL POTENTIAL: NONE

SUBSURFACE GEOLOGY

**OBJECTIVES/DEPTHS: GREEN RIVER FORMATION, B1 AND B2 SANDS.
5850' TD**

ABNORMAL PRESSURES-HIGH AND LOW: NONE EXPECTED.

CULTURAL RESOURCES/ARCHAEOLOGY: NO INTEREST IN AREA.

CONSTRUCTION MATERIALS: CUT AND FILL AS NECESSARY.

SITE RECLAMATION: AS REQUIRED BY STATE LANDS.

RESERVE PIT

CHARACTERISTICS: 100' X 75' AND 8' DEEP.

LINING: A 12 MIL PLASTIC LINER WILL BE NECESSARY.

**MUD PROGRAM: AIR MIST AND AERATED WATER. MUD WEIGHT KEPT AS
LIGHT AS POSSIBLE.**

DRILLING WATER SUPPLY: JOE SHIELDS #47-1674

OTHER OBSERVATIONS WELL WILL NEED EXCEPTION SPACING

**STIPULATIONS FOR APD APPROVAL RESERVE PIT PLACED ON NORTH SIDE OF
LOCATION.**

ATTACHMENTS

PHOTOGRAPHS WILL BE PLACED ON FILE.

COMMENTS:

**GROUND OPEN BUT SNOW FLURRY OCCURRED DURING ONSITES. PRESITE WAS
REQUESTED BY BOBBIE SCHUMAN (COORDINATOR OF OPERATIONS,
ENVIROMENTAL).**



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)

December 19, 1994

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

Re: Balcron Monument State #13-2 Well, 2210' FSL, 604' FWL, NW SW, Sec. 2, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

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

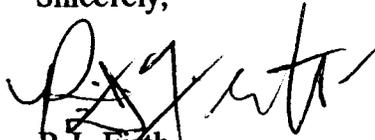
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2
Equitable Resources Energy Company
Balcron Monument State #13-2 Well
December 19, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31482.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth", written over a printed name.

R.J. Firth
Associate Director

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WOI1

BALCRON OIL

Monument State #13-2

NW SW Section 2 , T9S, R17E, SLB&M

43-013-71482
Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

CONFIDENTIAL

BY

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

December 28, 1994

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT STATE #13-2, NW SW Section 2, T9S, R17E, SLB&M, DUCHESNE COUNTY, UTAH.

Description of Geology and Topography-

This well location is 10 miles south and 4 miles east of Myton, Utah. The road is 500 feet long and is on a surface of sand and small rock fragments. The wellpad sits on the south slope on the north side of a badlands area of interbedded dark brown sandstone and light green and maroon mudstone. The north side of the wellpad is on a shallow covering of sand and rock fragments. The south side of the wellpad has rock exposures along the edge of the drainage.

All rock outcrops in the general 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 is a turtle shell eroding out of a green mudstone layer about 15 yards southwest of Corner Stake #8. There are a lot of invertebrate burrows in the sandstones, but they are very common in the area.

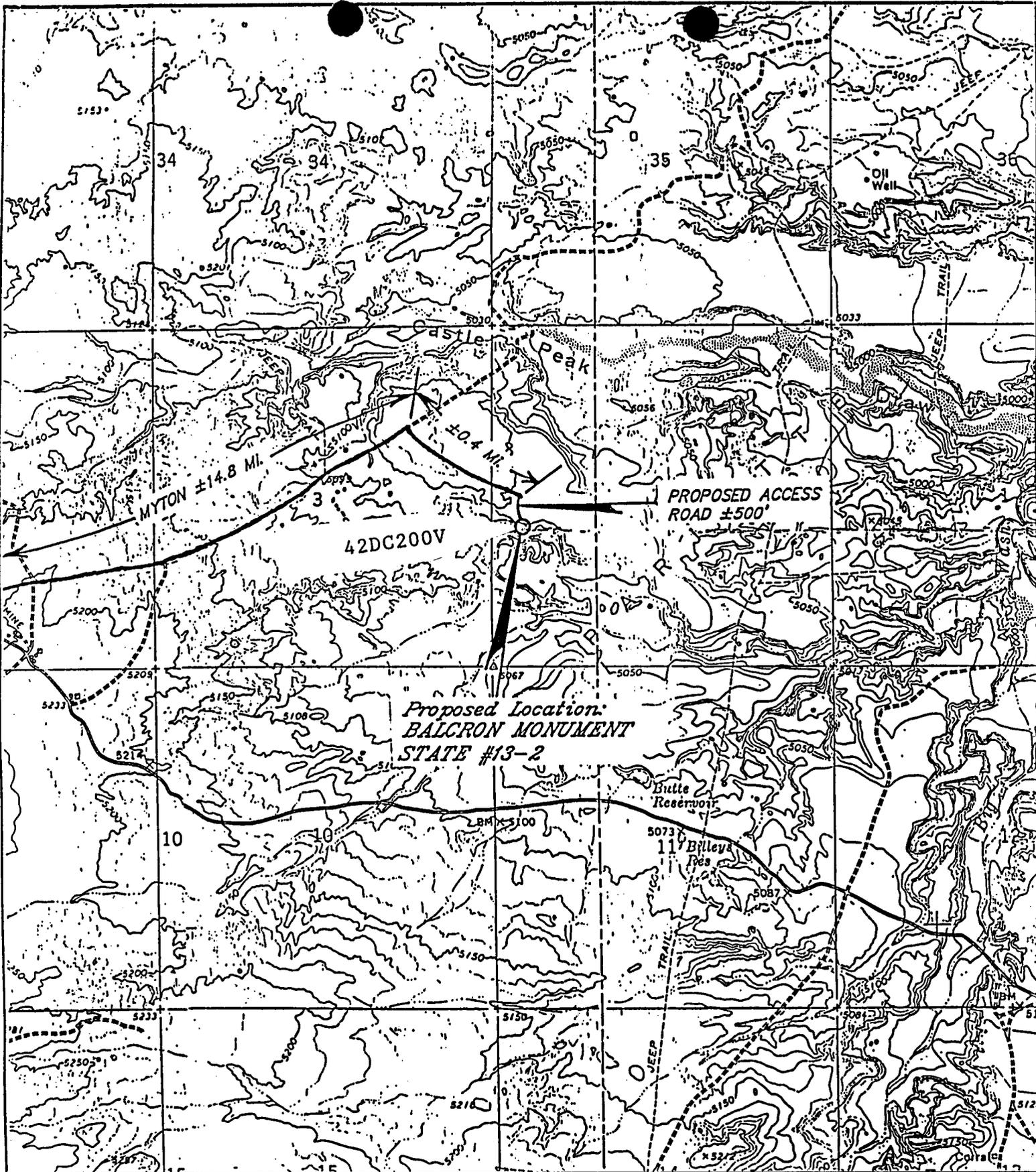
Recommendations-

No recommendations are made for this access road or wellpad.

Alfred H. Hamblin
Paleontologist

Date December 29, 1994

PALEONTOLOGY LOCALITY Data Sheet										Page 1 of 1 plus map									
										State Local. No. 42 DC 200V									
										Agency No. Balcron Oil									
										Temp. No Monument State #13-2									
1. Type of locality										Other _____									
Invertebrate		Plant		Vertebrate		X		Trace											
2. Formation: UINTA				Horizon: Lower U. (B)				Geologic Age: Late Eocene											
3. Description of Geology and Topography: This area is 1/2 mile south of Castle Peak Draw in an area of Uinta Formation badlands. The area has rather low relief. The wellpad sits on the south slope on the north side of a badlands area of interbedded dark brown sandstone and light green and maroon mudstone. The north side of the wellpad is on a shallow covering of sand and rock fragments. The south side of the wellpad has rock exposures along the edge of the drainage. Rocks in the area are composed of interbedded mudstone, and sandstone. Rock outcrops on upper canyon walls are Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodylians, and occasional fish remains and plant impressions.																			
4. Location of Outcrop: This well location is 10 miles south and 4 miles east of Myton, Utah.																			
5. Map Ref.		USGS Quad		Pariette Draw SW, Utah				Scale		7.5 Min		Edition		1964					
NW		of		NW1/4		of		SW1/4		of Sectn		2		T 9 S R 17E		Meridn		SLB	
6. State: UTAH			County: DUCHESNE COUNTY				BLM/FS District: VERNAL- DIAMOND MT.												
7. Specimens Collected and Field Accession No. NONE																			
8. Repository:																			
9. Specimens Observed and Disposition: There is a turtle shell eroding out of a green mudstone layer about 15 yards southwest of Corner Stake #8. There are a lot of invertebrate burrows in the sandstones, but they are very common in the area.																			
10. Owner:						US													
Private		State		X		BLM		FS		NPS		IND		MIL		OTHR			
11. Recommendations for Further Work or Mitigation: NONE																			
12. Type of Map Made by Recorder:																			
13. Disposition of Photo Negatives:																			
14. Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Laramie, Wyoming. Hamblin, A. H., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-60. Hamblin, A. H., 1994, Paleontology Report on the Monument Butte Expansion Study Area, for Mariah Associates, Laramie, Wyoming.																			
15. Remarks:																			
16. Sensitivity:		Critical				Significant				Important		X		Insignificant					
17. Recorded by: Alden Hamblin, Paleontologist								Date: December 5, 1994											



EQUITABLE RESOURCES CO.

**BALCRON MONUMENT STATE #13-2
SECTION 2, 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

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of nine proposed well locations and access routes (Balcron Federal wells #12-20Y, 31-19Y, 32-19Y, 42-19Y; Balcron Monument State wells #13-2, #12-2, #22-2, #34-2 and #23-2). These evaluated locations are situated on Utah State and federally administered lands located in the Pariette Bench locality of Duchesne and Uintah Counties, Utah. This evaluation involved a total of 99.23 acres, of which 75 acres are associated with the well pads and an additional 24.23 acres are associated with seven access road rights-of-way. These evaluations were conducted by F.R. Hauck and Glade Hadden of AERC on December 6 and 12, 1994.

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

No newly identified cultural resource activity loci of either historic or prehistoric origin were discovered and recorded during the examinations.

Several isolated, non-diagnostic artifacts were noted during the investigations.

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

**CULTURAL RESOURCE EVALUATION
OF 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-94-54937
AERC Project 1460 (BLCR-94-10)

Utah State Project No.: UT-94-AF-746 b,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

December 30, 1994

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GENERAL INFORMATION

On December 6 and 12, 1994, AERC archaeologists F.R. Hauck and Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings Montana. This examination involved nine proposed well locations (Balcron Federal Units 12-20Y, 31-19Y, 32-19Y and 42-19Y; Balcron Monument State Units 13-2, 12-2, 22-2, 34-2 and 23-2) and associated access roads. The project area is in the, Castle Peak Draw and Eight Mile Flat locality south east of Myton, Utah (see Map 1). A total of 99.23 acres was examined which include 55.75 acres associated with the Federal well pads and 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 43.48 acres are associated with the State well pads and access routes 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 Castle Peak Draw locality 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 7.5 minute topographic quad (see Maps).

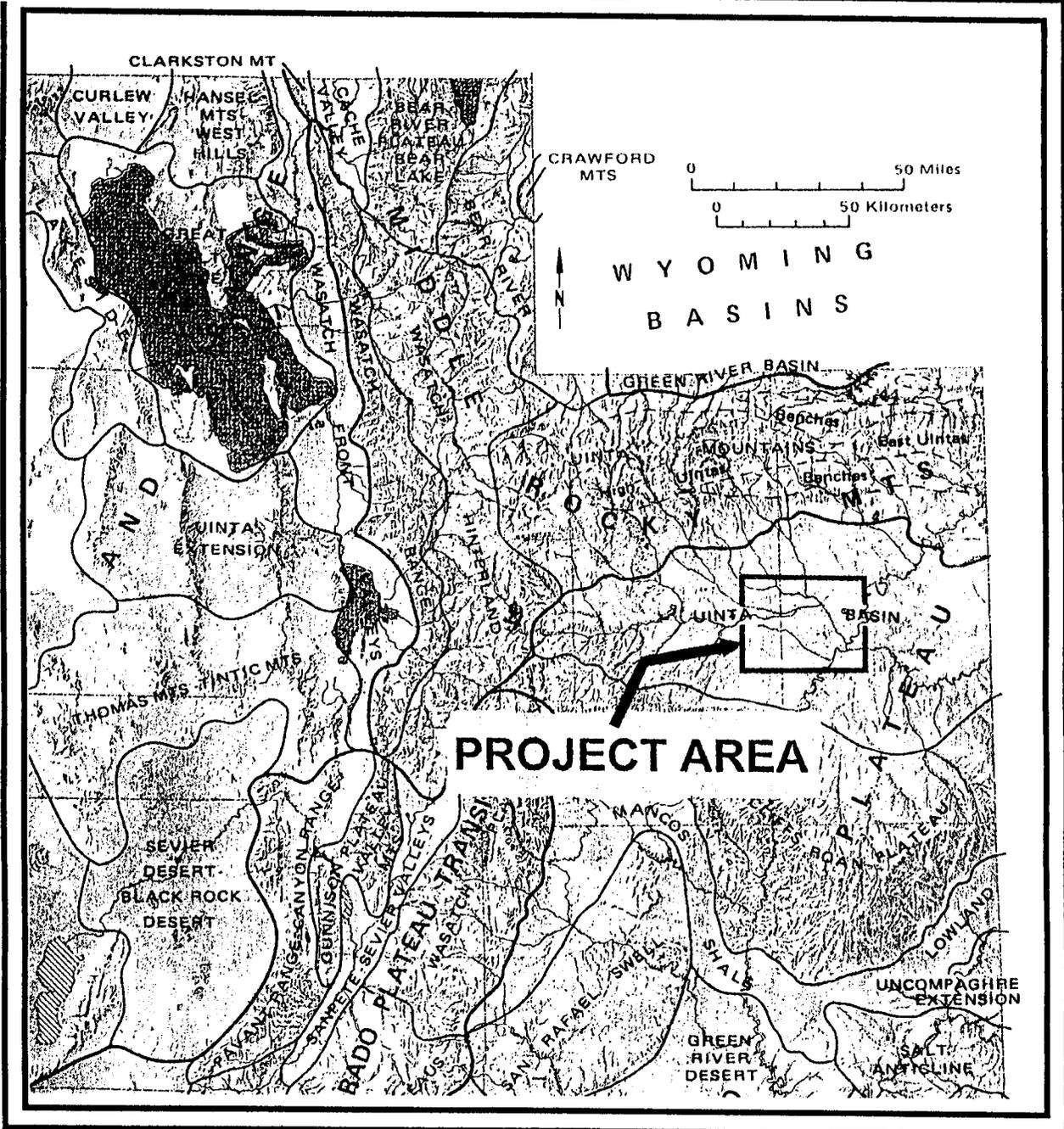
Balcron Federal #12-20Y is situated in the SW quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM, together with ca. 0.4 miles of access route (see Map 2).

Balcron Federal #31-19Y is situated in the NW quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

Balcron Federal #32-19Y is situated in the SW quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

**MAP 1: GENERAL BALCRON PROJECT
LOCALITY IN DUCHESNE AND UINTAH
COUNTIES OF NORTHWESTERN UTAH**

**PROJECT: BLCR-94-10
SCALE: see below
QUAD: UG & MS Map 43
DATE: 12-30-94**



UTAH

T. multiple

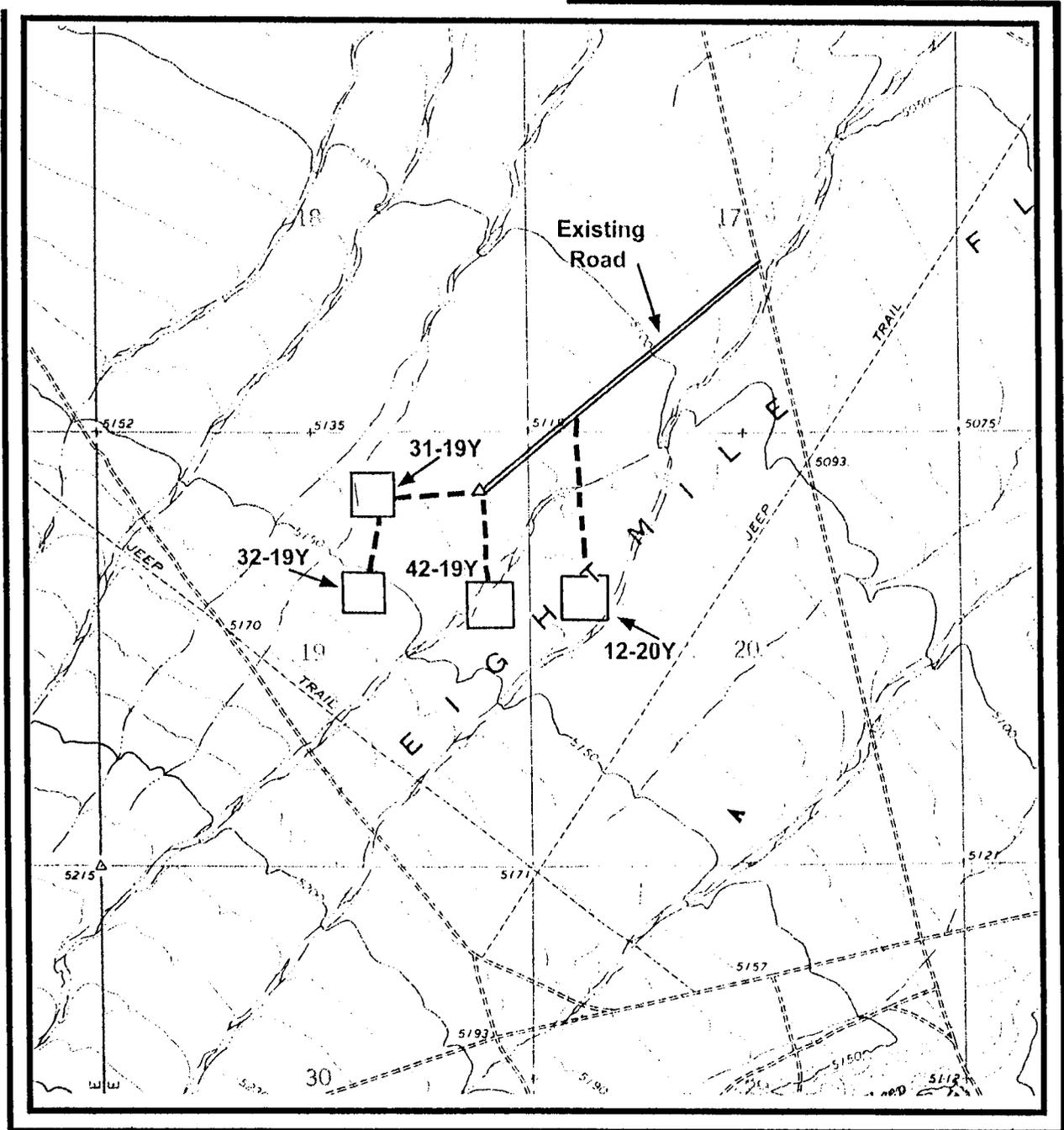
R. multiple

Meridian: Salt Lake B & M

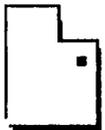
**(After PHYSIOGRAPHIC SUBDIVISIONS
OF UTAH by W.L. Stokes)**

**MAP 2: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 12-20Y, 31-19Y,
32-19Y, & 42-19Y IN THE EIGHT MILE
FLAT LOCALITY OF UINTAH COUNTY,
UTAH**

PROJECT: BLCR - 94 - 10
SCALE: 1: 24,000
QUAD: Pariette Draw SW, Utah
DATE: 12 - 30 - 94



LEGEND:



UTAH

T. 9 South

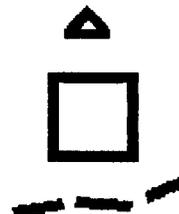
R. 18 East

Meridian: Salt Lake B & M

Well Location

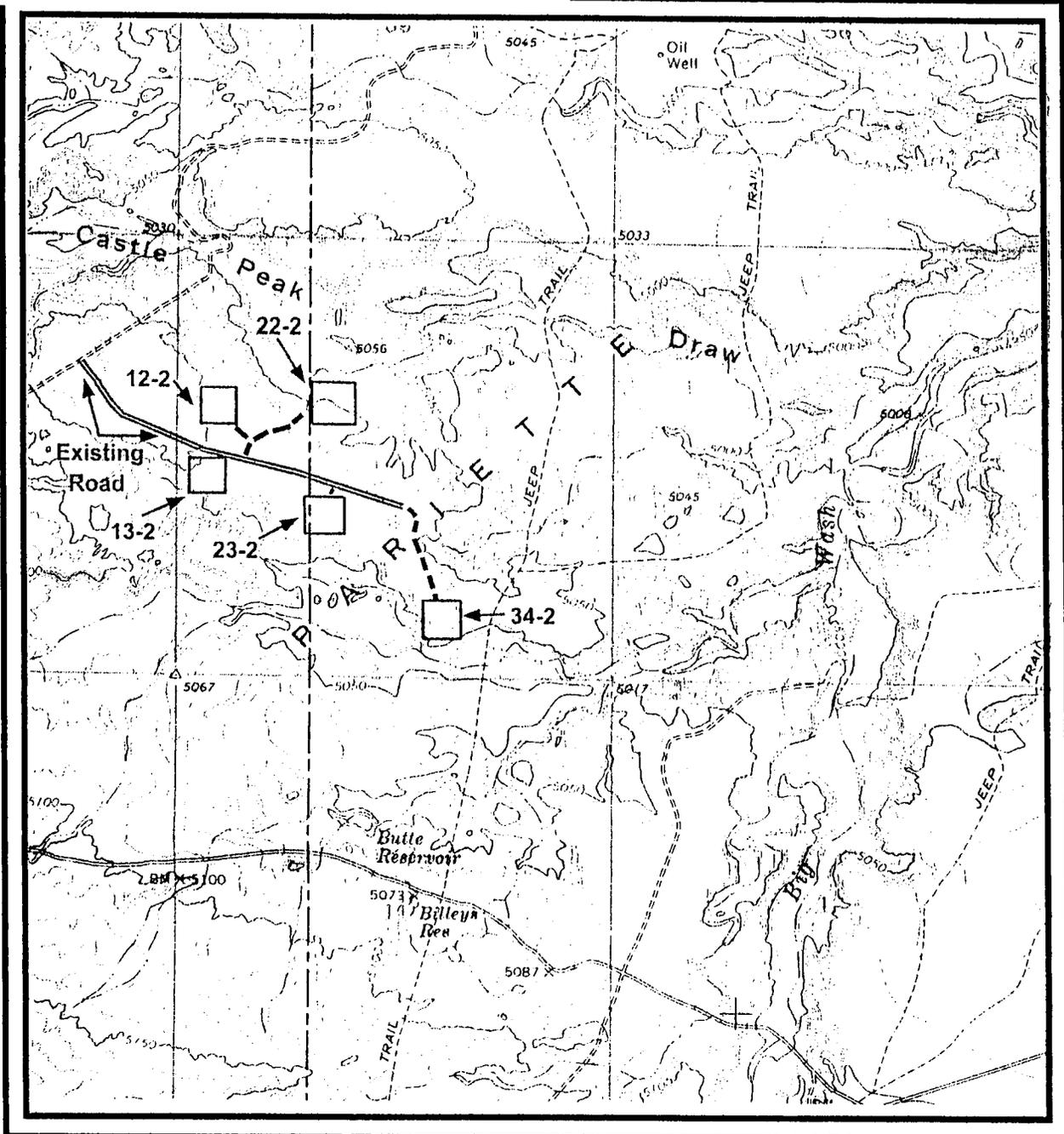
**Ten Acre Survey
Plot**

Access Route

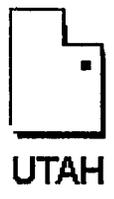


**MAP 3: CULTURAL RESOURCE SURVEY
 OF BALCRON UNITS 12-2, 13-2, 22-2,
 23-2, & 34-2 IN THE CASTLE PEAK
 DRAW LOCALITY OF DUCHESE AND
 UINTAH COUNTIES, UTAH**

PROJECT: BLCR-94-10
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: 12-30-94

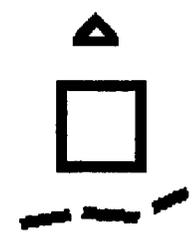


LEGEND:



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

Well Location
Survey Plot
Access Route



Balcron Federal #42-19Y is situated in the SE quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

Balcron Monument State Unit # 13-2 is situated in the NW quarter of the SW quarter of Section 2, Township 9 South, Range 17 East SLBM (see Map 3).

Balcron Monument State Unit # 12-2 is situated in the SW quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .1 miles of access route (see Map 3).

Balcron Monument State Unit # 22-2 is situated in the SE quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .3 miles of access route (see Map 3).

Balcron Monument State Unit # 34-2 is situated in the SW quarter of the SE quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .3 miles of access route (see Map 3).

Balcron Monument State Unit # 23-2 is situated in the NE quarter of the SW quarter of Section 2, 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 December 19, 1994. A similar search was conducted in the Vernal District Office of the BLM on December 12, 1994. 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).

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 four 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 archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area associated with each ten acre well pad area on Federal lands, and with a seven acre well pad buffer zone on State lands. Access routes are evaluated by the archaeologists 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. 24.23 acres) was examined for the various proposed access roads, in addition to the 75 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

No prehistoric or historic cultural resource activity loci were observed and recorded during the archaeological evaluations.

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

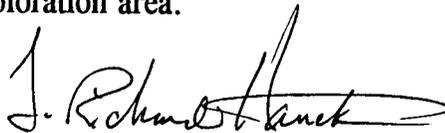
No diagnostic isolated artifacts were observed and recorded during the evaluation. Two non-diagnostic tools were noted in the area of Monument State well 23-2 and one on the access route into Monument State well 34-2. These tools were all simple choppers constructed by bifacially removing several flakes from one end of a hand-sized cobble. In all three cases, the tools were found near the break of hills at the emergence of drainages. The occurrence of these tools fits a previously noted pattern, and may be related to the ambush hunting and subsequent butchering of large game animals, possibly during the Archaic period. A detailed evaluation of the locality failed to yield any identifiable features or cultural contexts that would demonstrate the presence of an archaeological locus.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the 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. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



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

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, (Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, 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.

- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
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Hauck, F. Richard and Glade V Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Norman, V. Garth

- 1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

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- 1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archeological-Environmental Research Corporation, Bountiful.

Stokes, W. L.

- 1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.

43-013-31482



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:

2800
UTU-71294
(U-082)

Tammy Searing
Division of Oil, Gas and Mining
355 West North Temple
Three Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

JAN 13 1995

JAN 18 1995

RECEIVED
DIV OF OIL, GAS & MINING

Dear Ms. Searing:

This is in reference to State mineral lease 45555, located in T. 9 S., R. 17 E., Section 2. Equitable Resources Energy Company has secured a Federal right-of-way from our office for access to wells #12-2, #13-2, #22-2 and #23-2. We have enclosed a copy of the right-of-way document for your information and files.

We request that you notify our office of any future changes in the status of these wells so that our records can be updated and the right-of-way terminated if necessary. Please reference our right-of-way serial number UTU-71294 in any future correspondence concerning these wells. Should you have any questions concerning this matter, please contact Cindy McKee of our office at (801) 781-4434. We thank you for your cooperation.

Sincerely,

Ron Trogstad
Area Manager
Diamond Mountain Resource Area

Enclosure:
As stated

JAN 18 1995

OFFICE OF OIL, GAS & MINERAL

FORM 2800-14
(August 1985)

Issuing Office
Vernal District
Diamond Mountain Resource Area

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RIGHT-OF-WAY GRANT

SERIAL NUMBER UTU-71294

-
1. A right-of-way is hereby granted pursuant to Title V of the Federal Land Policy and Management Act of 1976 (90 Stat. 2776; 43 U.S.C. 1761).
 2. Nature of Interest:
 - a. By this instrument, the holder:

Equitable Resources Energy Company
Box 21017
Billings, Montana 59104

receives a right to construct, operate, maintain, and terminate an existing road to access state wells, Oil & Gas Mineral Lease ML-45555, on public lands described as follows:

T. 9 S., R. 17 E., SLB&M
Sec. 3, SE $\frac{1}{4}$ NE $\frac{1}{4}$.
 - b. The right-of-way area granted herein is 30 feet wide, 1,580 feet long and contains 1.09 acres, more or less.
 - c. This instrument shall terminate December 31, 2025, unless, prior thereto, it is relinquished, abandoned, terminated, or modified pursuant to the terms and conditions of this instrument or of any applicable Federal law or regulation.
 - d. This instrument may be renewed. If renewed, the right-of-way shall be subject to the regulations existing at the time of renewal and any other terms and conditions that the authorized officer deems necessary to protect the public interest.
 - e. Notwithstanding the expiration of this instrument or any renewal thereof, early relinquishment, abandonment, or termination, the provisions of this instrument, to the extent applicable, shall continue in effect and shall be binding on the holder, its successors, or assigns, until they have fully satisfied the obligations and/or liabilities accruing herein before or on account of the expiration, or prior termination, of the grant.

3. Rental:

For and in consideration of the rights granted, the holder agrees to pay the Bureau of Land Management fair market value rental as determined by the authorized officer unless specifically exempted from such payment by regulation. Provided, however, that the rental may be adjusted by the authorized officer, whenever necessary, to reflect changes in the fair market rental value as determined by the application of sound business management principles, and so far as practicable and feasible, in accordance with comparable commercial practices. Rental payments, if applicable, should be mailed to the following address:

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

4. Terms and Conditions:

- a. This grant is issued subject to the holder's compliance with all applicable regulations contained in Title 43 Code of Federal Regulations part 2800.
- b. Upon grant termination by the authorized officer, all improvements shall be removed from the public lands within 90 days, or otherwise disposed of as provided in paragraph (4)(c) or as directed by the authorized officer.
- c. The stipulations, plans, maps, or designs set forth in Exhibit "A", dated January 6, 1995, attached hereto, are incorporated into and made a part of this grant instrument as fully and effectively as if they were set forth herein in their entirety.
- d. Failure of the holder to comply with applicable law or any provision of this right-of-way grant shall constitute grounds for suspension or termination thereof.
- e. The holder shall perform all operations in a good and workmanlike manner so as to ensure protection of the environment and the health and safety of the public.
- f. The holder shall construct, operate, and maintain the facilities, improvements, and structures within this right-of-way in strict conformity with the application submitted on December 16, 1994. Any relocation, additional construction, or use that is not in accord with the approved plan of development shall not be initiated without the prior written approval of the authorized officer. Noncompliance with the above will be grounds for an immediate temporary suspension of activities if it constitutes a threat to public health and safety or the environment.

IN WITNESS WHEREOF, The undersigned agrees to the terms and conditions of this right-of-way grant.

Bobbie Schuman
(Signature of Holder)

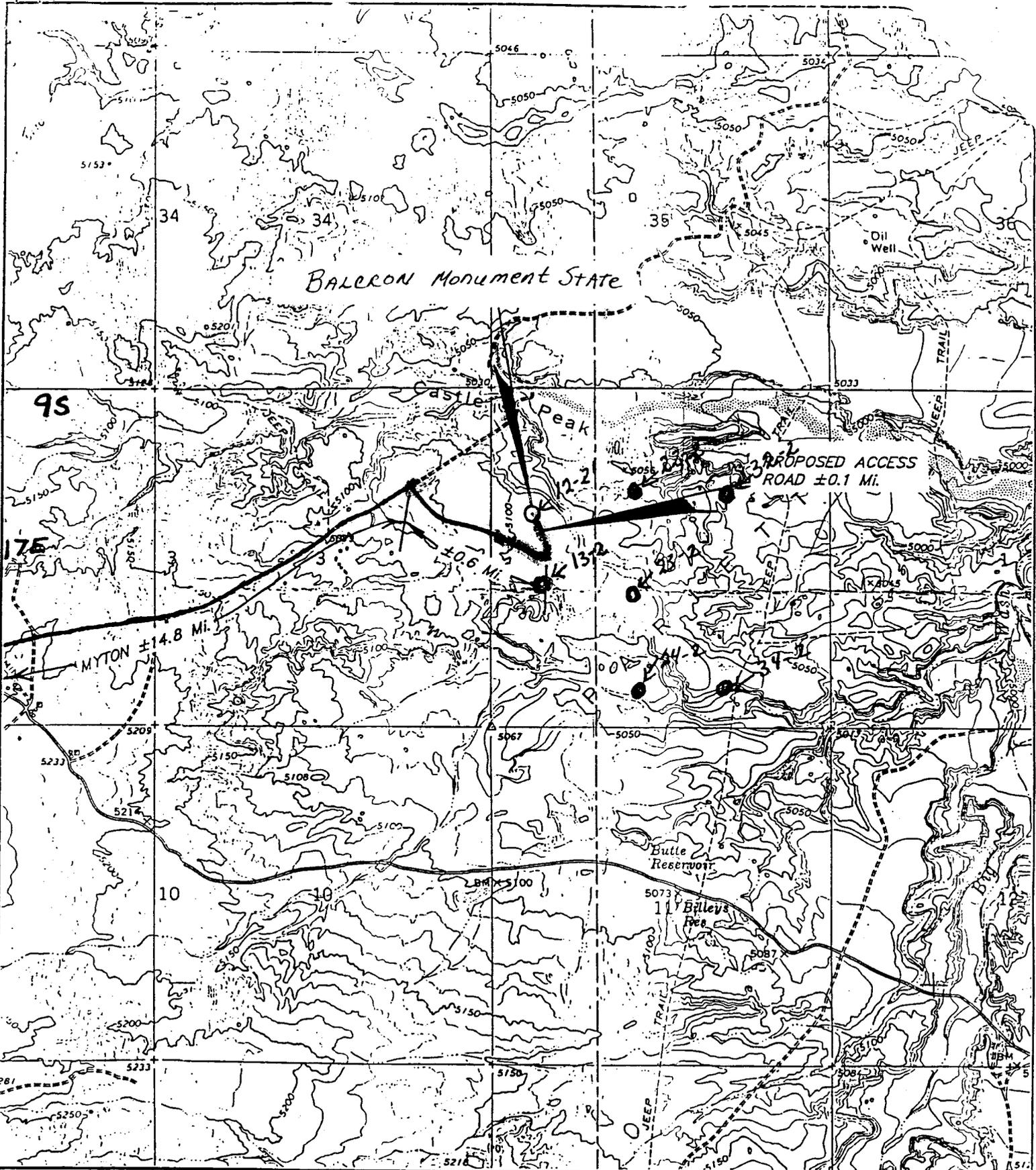
Regulatory and Environmental Specialist
(Title)

January 9, 1995
(Date)

Jon Ingotad
(Signature of Authorized Officer)

Area Manager,
Diamond Mountain Resource Area
(Title)

01-11-95
(Effective Date of Grant)



EQUITABLE RESOURCES CO.

EXHIBIT 'A'

January 6, 1995

Right-of-Way UTU-71294

BLM Maintained Road

Road on State Lands

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON MONUMENT STATE 13-2

Api No. 43-013-31482

Section 2 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/12/95

Time 3:00 PM

How ROTARY

Drilling will commence _____

Reported by AL PLUNKETT

Telephone # _____

Date: 2/13/95 Signed: JLT

FEB 16 1995

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: ML-45555
6. If Indian, Allottee or Tribe Name: n/a
7. Unit Agreement Name: n/a
8. Well Name and Number: Balcron Monument State #13-2
9. API Well Number: 43-013-31482
10. Field and Pool, or Wildcat: Undesignated/Green River

1. Type of Well: OIL GAS OTHER: _____

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

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

4. Location of Well
Footages: 2210' FSL & 604' FWL
QQ, Sec., T., R., M.: NW SW Section 2, T9S, R17E

County: Duchesne
State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other <u>Report of Spud.</u> | |

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.)

This well was spud on 2-12-95 at 3 p.m.

13. Name & Signature: Bobbie Schuman *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: 2-14-95

(This space for State use only)

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

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11738	43-013-31482	Balcron Monument State #13-2	NWSW	2	9S	17E	Duchesne	2-12-95	2-12-95
WELL 1 COMMENTS: Entity added 2-21-95. <i>fac</i> Spud of a new well.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - D - 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.

DATE: 2-14-95

Bobbie Schuman
 Signature
 Regulatory & Environmental Specialist
 Title

Phone No. (406) 259-7860

FEB 16 1995

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

MAR 28 1995

SUNDRY NOTICES AND REPORTS ON WELLS OIL, GAS & MINING

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:
ML-45555

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

7. Unit Agreement Name:
n/a

8. Well Name and Number:
Balcron Monument State #13-2

9. API Well Number:
43-013-31482

10. Field and Pool, or Wildcat:
Undesignated/Green River

1. Type of Well: OIL GAS OTHER:

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

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

4. Location of Well
Footages: 2210' FSL & 604' FWL
OO, Sec., T., R., M.: NW SW Section 2, T9S, R17E

County: Duchesne
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 3-22-95

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.)

First production on this well was on 3-22-95 at 12:15 p.m.

13. Name & Signature: Molly Conrad, Molly Conrad Title: Operations Secretary Date: 3-23-95

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REG-1-V-0
APR 26 1995
DIV OF OIL, GAS & MINING

3. LEASE DESIGNATION AND SERIAL NO.
M-45555

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

7. UNIT AGREEMENT NAME
n/a

5. FARM OR LEASE NAME
Balcron Monument State

9. WELL NO.
#13-2

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

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA
NW SW Section 2, T9S, R17E

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

2. NAME OF OPERATOR
Equitable Resources Energy Company, 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 2210' FSL & 604' FWL
At top prod. interval reported below
At total depth

14. API NO. 43-013-31482 DATE ISSUED 12-19-94

12. COUNTY Duchesne 13. STATE Utah

15. DATE SPUNDED 2-12-95 16. DATE T.D. REACHED 2-20-95 17. DATE COMPL. (Ready to prod.) 3-22-95 18. ELEVATIONS (DF, EEB, RT, GR, ETC.) 5077.1' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5850' 21. PLUG BACK T.D., MD & TVD 5753.75' 22. IF MULTIPLE COMPL., HOW MANY n/a 23. INTERVALS DRILLED BY Surface - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4873' - 4166' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DSN-SDL-DLL 2-28-95 MUD, DRILL TIME, CBL/GR/OCL 27. WAS WELL CORED YES NO (Submit analysis) DRILL STEM TEST YES NO (See reverse side)

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#	269.85'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5799.40'	7-7/8"	283 sxs Super "G" w/additives	None
				340 sxs 50-50 PCZ 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"	4941.49'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4856'-4860' (4 SPF)		4856' - 4873'	Break down w/2814 gals 2% KCL wtr.
4864'-4873' (4 SPF)			Frac w/64,000# 16/30 mesh sand w/18,438 gals 2% KCL gelled wtr.
4166'-4174' (4 SPF)			
4176'-4186' (4 SPF)		4166' - 4197'	3087 gals 2% KCL wtr. Frac w/94,760#
4195'-4197' (4 SPF)			

33. PRODUCTION 16/30 mesh sand w/26.418 gals 2% KCL gelled wtr. WELL STATUS (Producing or shut-in) Producing

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
3-22-95	1-1/2" Insert Pump	4-16-95	24	n/a		58.31	N.M.	1.66	N.M.
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)			
n/a	n/a		58.31	N.M.	1.66	34			

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

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 4-24-95

DAILY OPERATING REPORT

BALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E
Duchesne County, Utah
2210 FSL & 604' FWL

---TIGHT HOLE---

PTD: 5,850' Formation: Green River
Undesignated Field

Elevations: 5077.1' GL
Contractor: Union Drilling #17
Operator: Balcron/EREC

Spud: 3 p.m. 2/12/95
Casing: 8-5/8", 24#, J-55 @ 269.85'
5-1/2", 15.5#, J-55 @ 5799.40'
Tubing: 2-7/8", 6.5#, J-55 @ 4941.49' KB

1-27/2-2-95 Build location.

2-6-95 Install pit liner.

2-13-95 TD: 291' (291') Day 1
Formation: Uintah
MW 8.4 VIS 26 pH 10
Present Operation: NU
MIRU. Set conductor pipe, NU air head, drill rat hole, drill surface hole. Spud at 3 p.m. 2/12/95. Blow hole clean, TOOH. Run 8-5/8" surf csg as follows:

Guide shoe	.60'
1 jt 8-5/8" 24# shoe jt	43.35'
Insert Float	-----
5 jts 8-5/8" 24#, J-55	<u>215.90'</u>
	259.85'

Landing jt	<u>10.00'</u>
8-5/8" csg landed @	269.85'

Cmt'd by Western w/160 sxs "G" w/2% CCL & 1/4#/sx Cello-Seal. 2 bbls cmt back to pit. Plug down @ 12:30 a.m.
DC: \$11,429 CC: \$27,252

2-14-95 TD: 1,250' (959') Day 2
Formation: Uintah
MW 8.4 VIS 26 pH 10
Present Operation: Drilling
Install well head, NU & test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. TIH, drill cmt, survey, drill, change air head rubber & drill ahead.
DC: \$13,530 CC: \$40,782

DAILY OPERATING REPORTBALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E
 Duchesne County, Utah

---TIGHT HOLE---

2-15-95 TD: 2,713' (1,463') Day 3
 Formation: Green River
 MW 8.4 VIS 26 pH 10
 Present Operation: Drilling
 Drill, survey, & clean on rig. BGG 2-4 units, CG 25-50 units.
 DC: \$19,087 CC: \$59,869

2-16-95 TD: 3,802' (1,089') day 4
 Formation: Green River
 MW 8.4 VIS 26 pH 10
 Present Operation: Drilling
 Drill, survey, & clean on rig. BGG 2 to 4 units, CG 30 to 50 units.
 DC: \$14,655 CC: \$74,524

2-17-95 TD: 4,216' (414') Day 5
 Formation: Green River
 MW 8.4 VIS 26 pH 10
 Present Operation: Drilling
 Load hole with fluid and circulate. TO for bit. Drill, survey, & clean
 on rig.
 DC: \$10,000 CC: \$84,524

2-18-95 TD: 4,772' (556') Day 6
 Formation: Douglas Creek
 MW 8.5 VIS 26 pH 10
 Present Operation: Drilling
 Drill, survey, & clean on rig.
 DC: \$8,339 CC: \$92,863

2-19-95 TD: 5,322' (550') Day 7
 Formation: Black Shale
 MW 8.5 VIS 26 pH 10
 Present Operation: Drilling
 Drill, survey, & clean on rig.
 DC: \$8,758 CC: \$101,621

2-20-95 TD: 5,850' (528') Day 8
 Formation: B-Zone
 MW 8.5 pH 10
 Present Operation: Ream tight spot.
 Drill, survey, clean on rig & circ for logs. Start trip out, tight spot
 @ 5 stds out 5510'-5530'. Ream & trip back to btm.
 DC: \$8,562 CC: \$110,183

DAILY OPERATING REPORTBALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

- 2-21-95 TD: 5,850' (0') Day 9
Formation: Green River
Present Operation: Fishing
Start trip out, tight spot still @ 5510', work up through tight spot without pump. Derrick not tall enough to kelly up. Pull into tight spot w/70 stds out. Could not get loose. 26 jts drill pipe & 30 drill collars in hole. Had to free point & back off. Leave 3 drill collars in hole. Btm 2 collars stuck. GIH w/fishing tools & go beside fish. Touch top 1 time, cannot screw into fish. Start out of hole. Top of fish @ 1335'+.
DC: \$5,540 CC: \$115,723
- 2-22-95 TD: 5,850' (0') Day 10
Formation: Green River
Present Operation: PU wash pipe.
TOOH & LD cut-lip sub & PU overshot, 7-3/8" OD. Had to slip & cut 350' of bad drill line. TIH w/overshot & tag top of fish. Cannot get over fish, can go beside fish approximately 30', TOOH. TIH w/knuckle jt, sub above overshot. Could not get over fish, TOH & LD overshot & knuckle jt. TIH w/cut-lip sub, 1 jt drill pipe, bent sub. Screw into fish, could not circ. Beat down & jar up on fish 3-1/2 hrs, did not move fish. Back off, leave 3 drill collars & 1 jt drill pipe in hole. TOH & LD fishing tools. PU 4 jts wash pipe.
DC: \$5,540 CC: \$121,263
- 2-23-95 TD: 5,850' (0') Day 11
Formation: Green River
Present Operation: LD fishing tools.
TIHw/4 jts wash pipe. Get over fish & start working & reaming. 40' above bit fish came loose & dropped. Wash to where bit was & TOH. Stand wash pipe in derrick & TIH w/7-7/8" bit to 1500'. Didn't touch a thing, TOOH & replace bit w/cut-lip sub. TIH, bridge @ 4500', no problem. Circ polymer sweep out. Stop 10 stds out & circ polymer sweep out. Stop 2 jts off fish & circ polymer sweep out. Screw into fish & continue circ. Had to pull 50,000 over to start moving fish. First 20' had to work 8 or 10 times, then free up. Chain out wet. Drag 10-20,000 @ 1300'-1500'. Start LD fishing tools.
DC: \$5,690 CC: \$126,953

DAILY OPERATING REPORTBALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E
 Duchesne County, Utah

---TIGHT HOLE---

- 2-24-95 TD: 5,850' (0') Day 12
 Formation: Green River
 Present Operation: Run 5-1/2" csg.
 LD all fishing tools & fish. TIH & did not find tight anywhere. Circ 3 polymer sweeps from TD & TOO H for logs. Log well. TIH, LD drill pipe & drill collars. RU csg crew & start running 5-1/2" csg.
 DC: \$17,240 CC: \$144,193
- 2-25-95 TD: 5,850' (0') Day 13
 Formation: Green River
 Present Operation: Move rig to 23-2.
 Run 5-1/2" csg as follows:
- | | |
|----------------------------|----------|
| Guide Shoe | .60' |
| 1 jt 5-1/2", 15.5# shoe jt | 44.05' |
| Float collar | 1.00' |
| 128 jts 5-1/2" 15.5# J-55 | 5744.75' |
| | 5790.40' |
| Landing jt | 9.00' |
| 5-1/2" csg landed @ | 5799.40' |
| PBTD @ | 5753.75' |
- Cmt by Western w/283 sxs Super "G" w/47#/sx "G", 20#/sx POZ, 17#/sx CSE, 3% salt, 2% gel, 2%/sx HiSeal2, & 1/4#/sx Celloseal. Tail w/340 sxs 50-50 POZ w/2% gel, 1/4#/sx Celloseal, & 2#/sx HiSeal2. Plug down @ 10 a.m. Set slips, ND BOP, clean mud tanks. Release rig @ 2 p.m. 2-24-95.
 DC: \$57,094 CC: \$201,287
- 3-5-95 Completion
 Dress up location, set rig anchors, MI tbg, move tank, MI rig pump & tank. MIRU Cannon Well Service Rig #2. NU 5M well head, NU BOP. TIH w/4-3/4" bit, csg scraper, & 187 jts 2-7/8" tbg. Tag PBTD @ 5758' KB. Circ hole clean w/135 bbls 2% KCL wtr. TOO H w/tbg & tools.
 DC: \$4,104 CC: \$205,391
- 3-6-95 Completion
 RU Schlumberger to run CBL & perf. Run CBL from PBTD @ 5758' KB to 1000' KB, cmt top @ 1238' KB. Perf 4856'-60' & 4864'-73' (4 SPF). RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & 159 jts 2-7/8" tbg. SET BP @ 4920' KB, set packer @ 4817' KB, EOT @ 4825'. RU Western to do KCL break down on above perms w/2814 gals 2% KCL wtr. ATP 2400 psi, max 3300 psi. ATR 5.3 bpm, max 5.5 bpm. ISIP 1450 psi. Pumped 4 balls/bbl. RD Western. Release packer & TOO H w/tbg & packer. SWIFN.
 DC: \$22,611 CC: \$228,002

DAILY OPERATING REPORTBALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 3-7-95 Completion
 BP @ 4920'. RU Western to frac 4856'-60' & 4864'-73' w/64,000# 16/30 mesh sand w/18,438 gals 2% KCL gelled wtr. ATP 2400 psi, max 2800 psi. ATR 30.4 bpm, max 33.2. ISIP 2300 psi, 5 min 1880 psi, 10 min 1600 psi, 15 min 1560 psi & 30 min 1370 psi. SWI. lk Open well up on forced closure flow back @ .5 bpm, 1150 psi. 12 p.m. 1100 psi; 12:30 p.m. 945 psi; 1:00 p.m. 760 psi, 1:30 p.m. 625 psi; 2:00 p.m. 420 psi; 2:30 p.m. 300 psi, 3:00 p.m. 200 psi; 3:30 p.m. 100 psi, 4:00 p.m. 60 psi; 4:30 p.m. 0 psi. Flow back recovered 15 + 142 bbls = 157 BW. Recovered small amount of sand in last 50 bbls recovered, estimated 10# sand.
 DC: \$29,229 CC: \$257,231
- 3-8-95 Completion
 BP set @ 4920'. Flow back 40 BW & no sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & 154 jts 2-7/8" tbg. Tag sand @ 4742' KB, 114' above top perf. Circ down to BP @ 4920' KB, set packer @ 4817' KB. Made 31 swab runs, recovered 35 BO & 126 BW. Last 2 runs, 45% oil & no sand. FL @ 2700' last 4 runs. Release packer, tag sand @ 4911'. Circ down to BP @ 4920' KB. Used 60 BW to load hole. Release BP, reset BP @ 4245' KB. SWIFN.
 DC: \$2,120 CC: \$259,351
- 3-9-95 Completion
 BP set @ 4245' KB. TOOH w/tbg & packer. RU Schlumberger & perf 4166'-74', 4176'-86', & 4195'-97' (4 SPF). RD Schlumberger. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & 134 jts 2-7/8" tbg. Set packer @ 4141'KB, EOT 4147' KB. RU Western to do KCL break down on 4166'-74', 4176'-86' & 4195'-97' w/3087 gals 2% KCL wtr. ATP 2600 psi, max 2700 psi. ATR 6 bpm. ISIP 1700 psi. Pump 4 balls/bbl. TOOH w/tbg & packer. SWIFN. Load to recover on zone 4856'-73 = 377 BW, on zone 4166'-97 70 BW.
 DC: \$4,991 CC: \$264,342

DAILY OPERATING REPORTBALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E
 Duchesne County, Utah

---TIGHT HOLE---

3-10-95 Completion

BP set @ 4245' KB. RU Western to frac 4166'-74', 4176'-86' & 419'-97' w/94,760# 16/30 mesh sand & 26,418 gals 2% KCL wtr. ATP 2350 psi, max 2750 psi. ATR 31.5 bpm, max 32.3 bpm. ISIP 2300 psi, 5min 2100 psi, 10 min 1980 psi, 15 min 1800 psi & 30 min 1380 psi. Start forced closure flow back. SI forced closure flow back, flow 15 bbls. RD Western. Restart forced closure flow back, .5 bpm, 1370 psi CP.

<u>TIME</u>	<u>CP</u>	<u>WTR TEMP</u>	<u>BPM</u>	
9:30	1210	62°	.05	
10:00	1210	62°	.05	No sand
10:30	1100	63°	.05	No sand
11:00	1085	64°	.05	No sand
11:30	970	67°	.05	No sand
12:00	910	69°	.05	Small amount sand
12:30	890	69°	.05	"
1:00	860	69°	.05	1/4 cup sand/5 gal wtr
1:30	790	70°	.05	1/2 cup sand/5 gal wtr
2:00	640	70°	.05	"
2:30	570	70°	.05	2 cup sand/5 gals wtr
3:00	510	69°	.05	1 cup sand/5 gals wtr
3:30	460	69°	.05	3 cup sand/5 gals wtr
4:00	330	"	.05	2 cup sand/5 gals wtr
4:30	240	"	.05	5 cup sand/5 gals wtr
5:30	110	68°	.05	2 cup sand/5 gals wtr
6:00	60	69°	.05	"

SWIFN. Flowed back 270 BW. Load to recover on zone 4856'-73' = 377 BW.
 Load to recover on zone 4166'-97' = 414 BW. Total load to recover 791 BW.

DC: \$36,146

CC: \$300,488

3-11-95 Completion

BP @ 4245' KB. Flow back 65 BW, no sand. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & 130 jts 2-7/8" tbg. Tag sand @ 4012' KB, 154' of sand above top perf. Circ down to BP, set packer @ 4141' KB. Made 29 swab runs, recovered 1 BO & 149 BW. Last 3 runs FL @ 2800'. last 4 runs 2% oil, no sand last 7 runs. Gas cut last 24 runs. SWIFN. Load to recover 4856'-73' = 377 BW, 4166'-97' = 200 BW, total 577 BW.

DC: \$1,931

CC: \$302,419

3-12-95 Completion

BP @ 4245' KB, packer @ 4141' KB. FL @ 850'. Made 41 swab runs, 40 BO & 163 BW. FL @ 2900' last 3 runs. Oil 15% last 4 runs - good gas.

SWIFN. Load to recover 4856'-73' = 377 BW, 4166'-97' = 37 BW, total 414 BW.

DC: \$1,923

CC: \$304,342

DAILY OPERATING REPORT

BALCRON MONUMENT STATE #13-2

Location: NW SW Section 2, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

3-13-95

Completion

BP @ 4245' KB, packer @ 4141' KB. Tag fluid @ 1056'. Release packer, tag sand @ 4231' KB. Circ clean down to BP @ 4245' KB, used 21 BW. Release BP, TOOH w/tbg, packer & BP. TIH w/tbg production string as follows:

	LENGTH	DEPTH KB
1 jt 2-7/8" J-55 6.5# tbg	30.82'	4941.49'
1 perf sub 2-7/8" x 3'	3.20'	4910.67'
1 SN 2-7/8"	1.10'	4907.47'
25 jts 2-7/8" J-55 6.5#	768.25'	4906.37'
1 tbg anchor 2-7/8" x 5-1/2"	2.35'	4138.22'
134 jts 2-7/8" J-55 6.5#	4127.87'	4135.87'

ND BOP, ND 5M well head, NU 3M well head. Set TA w/20" tension. Flush tbg w/25 BW. TIH w/rod production string as follows:

1 - BHP 2-1/2" x 1-1/2" x 16' FWAC w/SM plunger & anti-lock valve

195 - 3/4" x 25' D-61 Plain rods

1 - 3/4" x 6' Pony

1 - 3/4" x 4' Pony

2 - 1-1/4" x 22' Polish Rod

Flush rods w/40 BW, pressure test BHP & tbg to 1000 psi - OK. RDMO.

Load to recover 4856'-73' = 377 BW, 4166'-97' = 123 BW. Total load to recover 500 BW.

DC: \$10,692

CC: \$315,034

3-22-95

Start well pumping @ 12:15 p.m. 5.5 SPM, 84" stroke. Jim Walker will be pumping.

DC: \$1,260

CC: \$316,294



EQUITABLE RESOURCES
ENERGY COMPANY

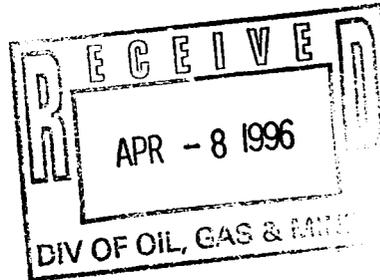
BALCRON OIL DIVISION

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.

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: See attached listing	5. Lease Designation and Serial Number: See attached listing
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860	7. Unit Agreement Name: See attached listing
4. Location of Well Footage: See attached listing	8. Well Name and Number: See attached listing
QQ, Sec., T., R., M.:	9. API Well Number: See attached listing
	10. Field and Pool, or Wildcat: See attached listing
	County: See attached list
	State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

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

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument State #13-2

API number: 43-013-31482

2. Well Location: QQ NW SW Section 2 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: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

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

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

6. Formation tops: See Geological Report submitted separately.

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

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

Date: 4-24-95

Name & Signature: Bobbie Schuman, Bobbie Schuman

Title: Regulatory and Environmental Specialist

EQUIPMENT INVENTORY
UTAH DIVISION OF OIL, GAS AND MINING
STATE OF UTAH

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

Well Name: BALCRON MONUMENT ST. #13-2 API Number: 43-013-31482

Section: 2 Township: 9S Range: 17E County: DUCHESNE Field: UNDESIGNATED

Well Status: POW Well Type: Oil: YES Gas:

PRODUCTION LEASE EQUIPMENT: (NUMBER)

Boiler(s): N Compressor(s): N Separator(s): N Dehydrator(s): N

Shed(s): N Line Heater(s): N Heated Separator(s): N VRU: N

Heater Treater(s): (1)

PUMPS:

Triplex: Chemical: Y Centrifugal: (1)

LIFT METHOD:

Pumpjack: Y Hydraulic: Submersible: Flowing:

GAS EQUIPMENT: (NUMBER)

Purchase Meter: N Sales Meter: N

TANKS:

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400'S W/BURN BBLS

Water Tank(s): YES 1-150 IN PIT BBLS

Power Water Tank: BBLS

Condensate Tank(s): BBLS

Propane Tank: (1)

Central Battery Location: (IF APPLICABLE)

Qtr/Qtr: Section: Township: Range:

REMARKS: RUNNING ON CASING GAS. NO METERING OR SALES. CENTRIFUGAL IS
FOR HEAT TRACE SYSTEM (GLYCOL IS HEATED BY EXHAUST FROM MOTOR).

Inspector: DENNIS L. INGRAM Date: 7/26/95

EQUITABLE Resources
Balcon Mon. State #13-2
NW/SW Sec 2; T9S; R17E

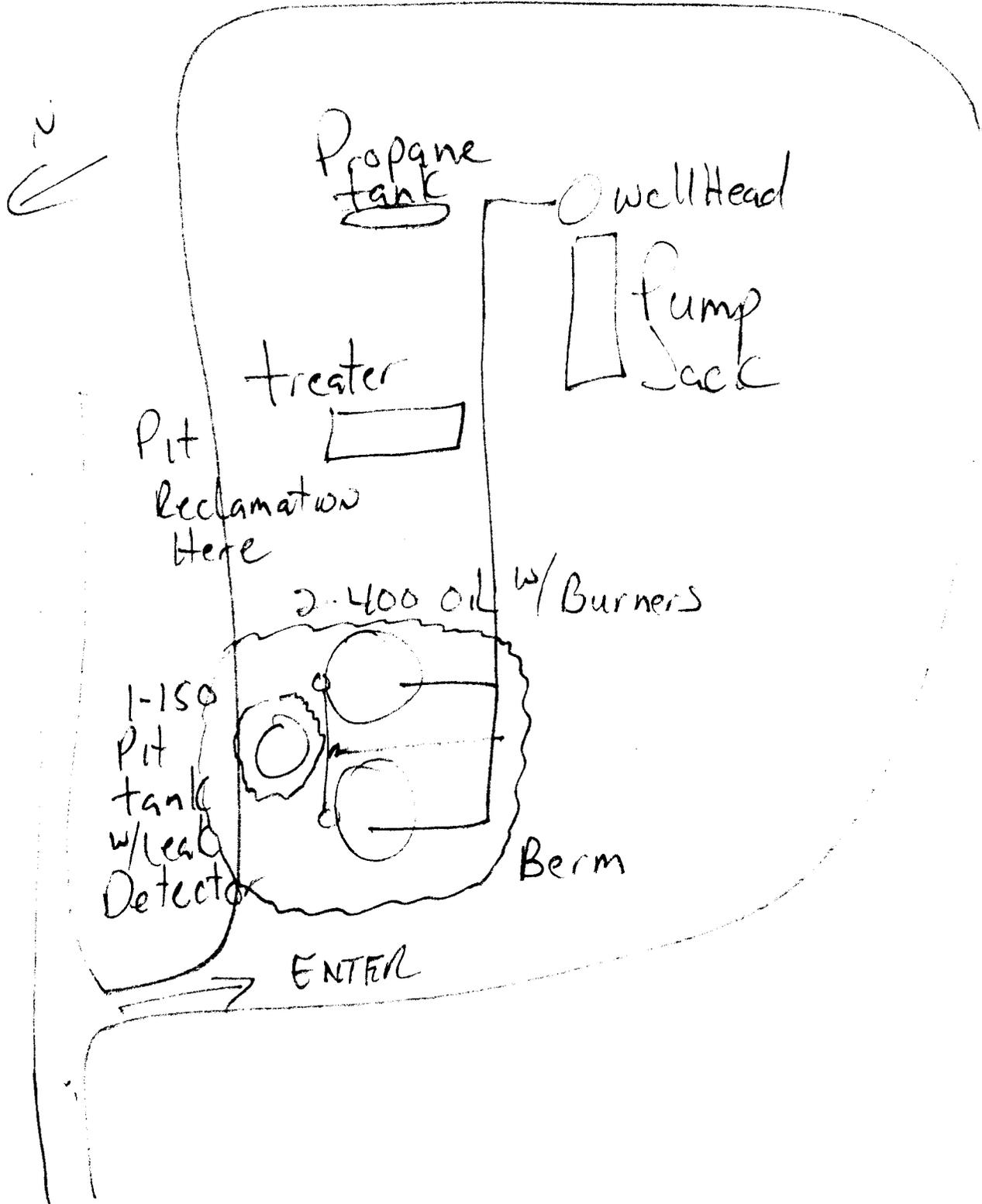
ML-45555

43-013-31482

POW

7/26/95

Lennox Jye



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ	U
2	DE 58-FILE	
3	VLD (GIL)	
4	RJE	
5	IEC	
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)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: <u>013-31482</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

- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yec 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)*
- Yec 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

- Y 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) Schees Ins. Co. (Bond Rider In Progress)

- Y 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.
- 4/22/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- Y 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

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

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ BALCRON FEDERAL 31-5Y 4304732503 11680 09S 18E 5	GRRV					
✓ BALCRON MONUMENT FEDERAL 21-25 4304732528 11683 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 12-25 4304732526 11694 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 32-25 4304732524 11707 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 31-25 4304732530 11710 08S 17E 25	GRRV					
✓ BALCRON FEDERAL 12-22Y 91331476 11717 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 33-25 4304732525 11729 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 23-25 4304732529 11730 08S 17E 25	GRRV					
✓ BALCRON MONUMENT STATE 24-2 4304732612 11736 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 13-2 4301331482 11738 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 22-2 4304732610 11742 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 12-2 4301331481 11745 09S 17E 2	GRRV					
✓ BALCRON FEDERAL 31-19Y 4304732614 11751 09S 18E 19	GRRV					
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

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WIW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date April 26 19 96

Ed,

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

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

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

New Operator: Equitable Resources Energy Co. (N9890)

Well(s): API: Entity: S-T-R: Lease:

NAME CHANGE ONLY

(See Attached Lists)

cc: Operator File

Signed Don Staley

REPLY

Date _____ 19 _____

Signed _____

RECEIVED

OCT 10 1997



October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

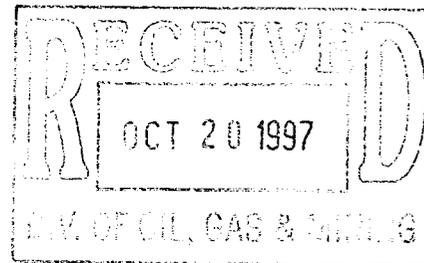
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: See Attached
2. Name of Operator: Inland Production Company	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202	7. Unit Agreement Name: See Attached
4. Location of Well Footages: See Attached Exhibit County: OO, Sec., T., R., M.:	8. Well Name and Number: See Attached 9. API Well Number: See Attached 10. Field and Pool, or Wildcat: See Attached

RECEIVED
OCT 13 1997

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)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Change of Operator</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>9-30-97</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

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

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature: Chris Potter **CHRIS A. POTTER, ATTORNEY-IN-FACT** Date: 9/30/97

StateWells

Inland Change of Operator						
WELL NAME	LOCATION	COUNTY	STATE	FIELD NAME	API NUMBER	LEASE
✓ MONUMENT STATE #31-2CD	NW NE 2 9S 17E	UINTAH	UT	MONUMENT BUTTE (CD)	43-047-32563-00	ML-45555
✓ MONUMENT STATE #32-2-9-17	SWNE 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32737-00	ML45555
✓ MONUMENT STATE #11-2-91-17	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31685-00	ML45555
✓ MONUMENT STATE #11-36Y	NW NW 368S 17E	UINTAH	UT	MONUMENT BUTTE (CD)	43-047-32764-00	ML-44555
✓ MONUMENT BUTTE STATE #12-2	SWNW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31481-00	ML45555
✓ MONUMENT BUTTE STATE #13-2	NWSW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31482-00	ML-45555
✓ MONUMENT BUTTE STATE #24-2	SESW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32612-00	MT-45555
MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555
MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555
✓ MONUMENT STATE #21-2-9-17	NE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32703-00	ML-45555



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

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

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

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

PAGE 2 of 2

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

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

***CASTLE DRAW SEC. REC. UNIT**

WELL(S) attach additional page if needed:

Name: <u>STATE 16-2/GR</u>	API: <u>43-013-30552</u>	Entity: <u>1451</u>	S	<u>16</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML3453B</u>
Name: <u>K. JORGENSON 16-4/GR</u>	API: <u>43-013-30572</u>	Entity: <u>1452</u>	S	<u>16</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML3453B</u>
Name: <u>MONUMENT 11-36-8-17Y/GR</u>	API: <u>43-047-32764</u>	Entity: <u>12095</u>	S	<u>36</u>	T	<u>8S</u>	R	<u>17E</u>	Lease: <u>ML44305</u>
Name: <u>*MONUMENT 24-2/GR</u>	API: <u>43-047-32612</u>	Entity: <u>11736</u>	S	<u>2</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML45555</u>
Name: <u>*MONUMENT 13-2/GR</u>	API: <u>43-013-31482</u>	Entity: <u>11738</u>	S	<u>2</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML45555</u>
Name: <u>*MONUMENT 12-2/GR</u>	API: <u>43-013-31481</u>	Entity: <u>11745</u>	S	<u>2</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML45555</u>
Name: <u>*MONUMENT 21-2-9-17/GR</u>	API: <u>43-047-32703</u>	Entity: <u>11863</u>	S	<u>2</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>ML45555</u>

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- N/A 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- LEC 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (12-19-97) *(LIC DBASE E. QUATRO 12-19-97)
- LEC 6. **Cardex** file has been updated for each well listed above. (12-19-97)
- LEC 7. Well **file labels** have been updated for each well listed above. (12-19-97)
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (12-19-97)
- LEC 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY) *Trust Lands (\$80,000) Surety No. 4471291 "Hartford Acc. & Ind. Co."*

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- JS 1. All attachments to this form have been **microfilmed**. Today's date: 1.20.98.

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

OPERATOR INLAND PRODUCTION COMPANY
 ADDRESS _____

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11736	12275	43-047-32612	MONUMENT 24-2		2	9S	17E	UINTAH		9-30-97
WELL 1 COMMENTS: *OPERATOR CHANGE FR EQUITABLE RES. EFF 9-30-97. (CASTLE DRAW SECONDARY RECOVERY UNIT) INLAND REQUESTS A COMMON ENTITY FOR WELLS WITHIN THE UNIT FOR TAX & REPORTING PURPOSES.											
D	11738	12275	43-013-31482	MONUMENT 13-2		2	9S	17E	DUCHESNE		9-30-97
WELL 2 COMMENTS:											
D	11745	12275	43-013-31481	MONUMENT 12-2		2	9S	17E	DUCHESNE		9-30-97
WELL 3 COMMENTS:											
D	11863	12275	43-047-32703	MONUMENT 21-2-9-17		2	9S	17E	UINTAH		9-30-97
WELL 4 COMMENTS:											
D	11878	12275	43-047-32563	MONUMENT 31-2-9-17CD		2	9S	17E	UINTAH		9-30-97
WELL 5 COMMENTS:											

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

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

L. CORDOVA (DOGM)
 Signature
ADMIN. ANALYST 12-19-97
 Title Date
 Phone No. ()

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 1/5 19 98

Ed,

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

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

Former Operator: Equitable Resources Energy (N9890)

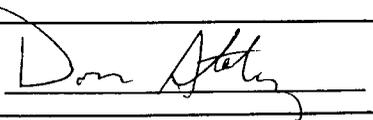
New Operator: Inland Production Company (N5160)

Well(s):	API:	Entity:	S-T-R:	Lease:
----------	------	---------	--------	--------

(See attached list)

cc: Operator File

Signed



REPLY

Date _____ 19 _____

Signed _____

Well(s):	API:	Entity:	S-T-R:	Lease:
State 16-2	43-013-30552	01451	16-9S-17E	ML3453B
K Jorgenson 16-4	43-013-30572	01452	16-9S-17E	ML3453B
Monument 11-36-8-17Y	43-047-32764	12095	36-8S-17E	ML44305
Monument 24-2	43-047-32612	11736	2-9S-17E	ML45555
Monument 13-2	43-013-31482	11738	2-9S-17E	ML45555
Monument 12-2	43-013-31481	11745	2-9S-17E	ML45555
Monument 21-2-9-17	43-047-32703	11863	2-9S-17E	ML45555
Monument 31-2-9-17CD	43-047-32563	11878	2-9S-17E	ML45555
Monument 11-2-9-17CD	43-013-31685	11995	2-9S-17E	ML45555
Monument 32-2	43-047-32737	12000	2-9S-17E	ML45555
Castle Draw 8-2	43-047-32842	99999	2-9S-17E	ML45555
Castle Draw 1-2	43-047-32843	99999	2-9S-17E	ML45555
Monument 14-2	43-013-31425	11656	2-9S-17E	ML45555
Monument 22-2	43-047-32610	11742	2-9S-17E	ML45555



January 8, 1998

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

RE: Permit Application for Water Injection Well
Balcron Monument State #13-2
Monument Butte Field, Lease #ML-45555
Section 2-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests the following approval(s):

1. Conversion of the Balcron Monument State #13-2 from a producing oil well to a water injection well in the Monument Butte (Green River) Field;
2. Installation of an injection flowline. The injection facility is located at the Monument State #14-2 well. The existing water injection line leaves the facility and proceeds in a northerly direction to the Monument State #22-2 well. Inland proposes to install an injection line that would tie into the existing line that would run approximately 660' in an easterly direction, and would be a 3" coated steel pipe, buried 5' below the surface.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 376-8117.

Sincerely,



Kevin S. Weller
Senior Reservoir Engineer

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
BALCRON MONUMENT STATE #13-2
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #ML-45555

JANUARY 7, 1998

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BALCRON MONUMENT STATE #13-2
 NW SW Sec.2 T9S R17E
 Lease #ML-45555
 Monument Butte Field
 Duchesne County, Utah

Elev. - 5077' GL
 KB - 5087' KB (10')

PROPOSED INJECTION DIAGRAM

DATE : 1/31/97 DZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 259.85' (6 jts)
 DEPTH LANDED: 269.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4 #/sk celloseal

PRODUCTION CASING

270' KB

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5790.4' (129 jts)
 DEPTH LANDED: 5799.4' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 283 sxs super class "G" + (47 # "G" +
 17#CSE+1/4# celloseal+2# HiSeal +
 20# Poz)/sk + 3% salt + 2% gel
 Tail w/ 340 sxs 50-50 POZ + 2% gel +
 (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1238' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 134 jts (4127.87')
 TUBING ANCHOR: trico 2.35' @ 4139.22'KB
 NO. OF JOINTS: 25 jts (768.25')
 SEATING NIPPLE: 1.1' @ 4907.47'KB
 PERF. SUB: 4.2
 MUD ANCHOR: 1 jt - 30.82' w/ NC
 STRING LENGTH: 4933.59'
 SN at: 4907.47' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 6' Pony
 195 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 4903'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RHAC
 w/ SM plunger TRICO #1185

ACID JOB / BREAKDOWN JOB

3/6/95 Western 4856'-4873' : 2814 gal 2% KCl wr
 w/ 100 balls. no ball off but ball action
 ATR-5.3 bpm, ATP-2400, ISIP-1450

3/9/95 Western 4166'-4197' : 3087 gal 2% KCl wr,
 w/ 160 balls. No ball off, but action seen.
 ATR-6.0 bpm, ATP-2600, ISIP-1700

FRAC JOB

3/7/95 Western 4856'-4873' : 3000gal 2% KCl pad, 18,438 gal
 2% KCl w/ 64,000# 16/30 sand. Flush w/
 4998 gal 2% KCl wr. ISIP-2300
 ATP-2400, ATR-30.4 bpm, 5min-1880, 10min-
 1600, 15min-1560, 30min-1370.

3/10/95 Western 4166'-4197' : 4400gal 2% KCl pad, 94,760#
 16/30 sand w/ 26,418 gal 2% KCl wr. Flush w/
 4074gal 2% KCl. ATR-31.5bpm, ATP-2350,
 ISIP-2300, 5min-2100, 10min-1980, 15min-1800,
 30min-1380

PERFORATION RECORD

3/6/95 Schlumberger 4856' - 4860' 4 SPF 4 ft 16 holes
 4864' - 4873' 4 SPF 9 ft 36 holes

3/9/95 Schlumberger 4166'-4174' 4 SPF 8 ft 32 holes
 4176'-4186' 4 SPF 10 ft 40 holes
 4195'-4197' 4 SPF 2 ft 8 holes

Packer set at 4116'

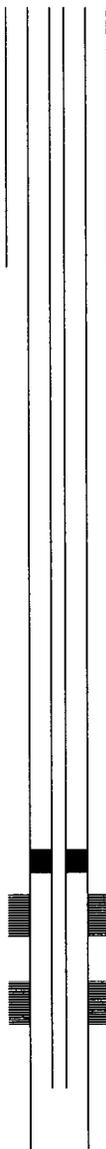
4166'-74' & 4176'-86'
 4195'-97'

4856'-60'
 4864'-73'

S.N. @ 4910' KB

EOT - 4935' KB

PBTD @ 5754' KB
 TD @ 5850' KB



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.

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

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

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

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

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

See Attachment A

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

Approval is requested to convert the Balcron Monument State #13-2 from a producing oil well to a water injection well in the Monument Butte (Green River) Field; and to install an injection line. The injection facility is located at the Monument State #14-2 well. The existing water injection line leaves the facility and proceeds in a northerly direction to the Monument State #22-2 well. Inland proposes to install an injection line that would tie into the existing line that would run approximately 660' in an easterly direction, and would be a 3" coated steel pipe, buried 5' below the surface. See Attachment D.

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

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

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

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Monument State #13-2 well, the proposed injection zone is from 4166'-4873' with the top at 4166'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4660'.

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

The referenced log for the Balcron Monument State #13-2 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a State lease (Lease #ML-45555), in the Monument Butte (Green River) Field and this request if for administrative approval.

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

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 269.85' GL, and the 5-1/2" casing run from surface to 5799.4' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

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

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

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1432 psig.

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

The fracture gradient for the Balcron Monument State #13-2, for proposed zones (4166' – 4873') averages approximately .73 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1432 psig. See Attachment G, G-1, and G-2.

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

In the Balcron Monument State #13-2, the injection zone (4166'-4873') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor interbedded shale streaks. The estimated average porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. The porous and permeable lenticular sandstone varies in thickness from 0-31', and are confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lucustrine 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.

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

See Attachments E through E-8.

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

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

See Attachment C.

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

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

Attachment A



CASTLE DRAW DUCHESNE & Uintah COUNTY, UTAH MINERAL RIGHTS

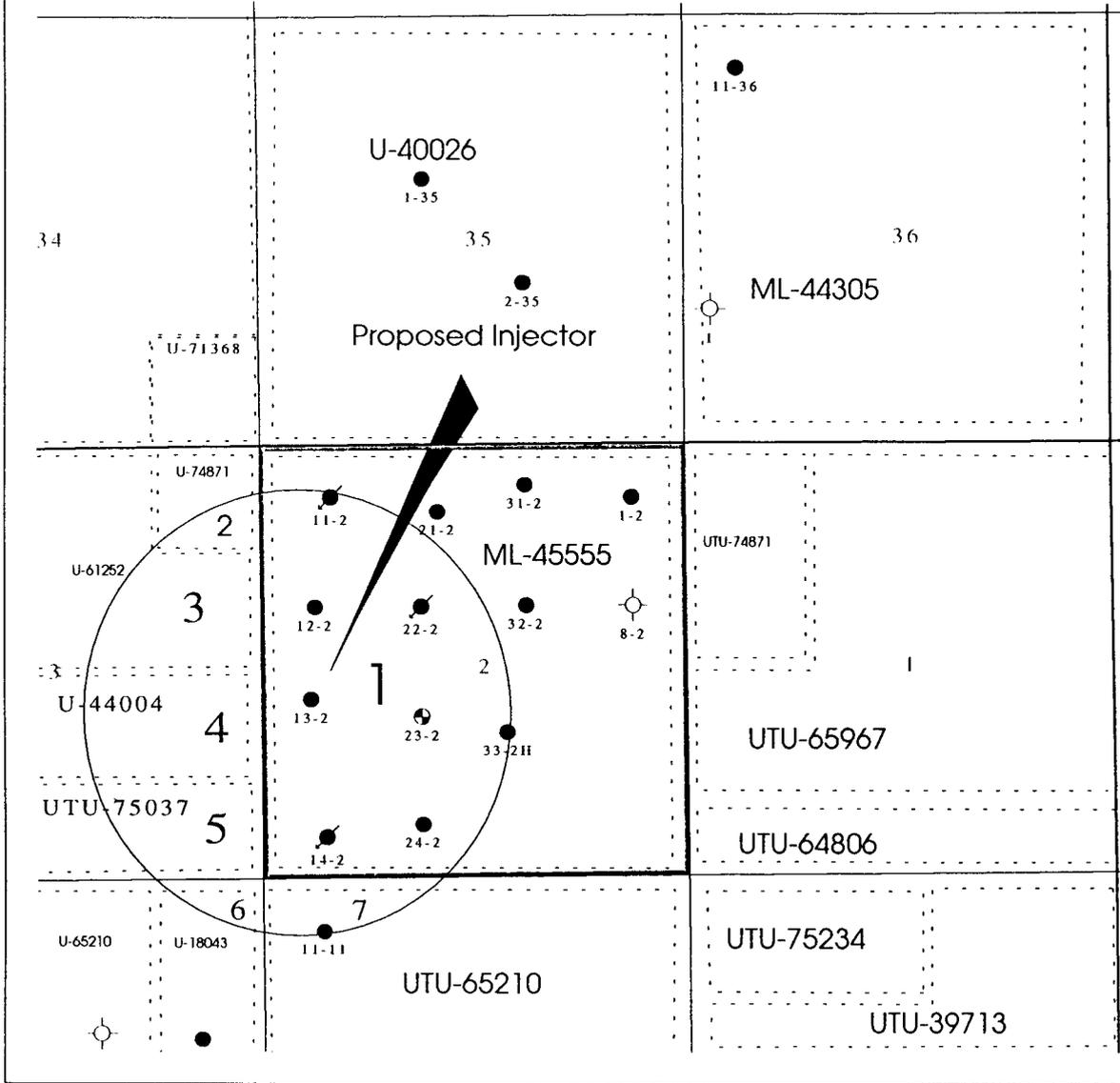
(GRAZING RIGHTS ONLY)
LESSEE: STRAWBERRY RIVER LIVESTOCK INC

EXHIBIT

Legend

-  PRODUCING WELL
-  EXISTING INJECTION WELL
-  DRY HOLE

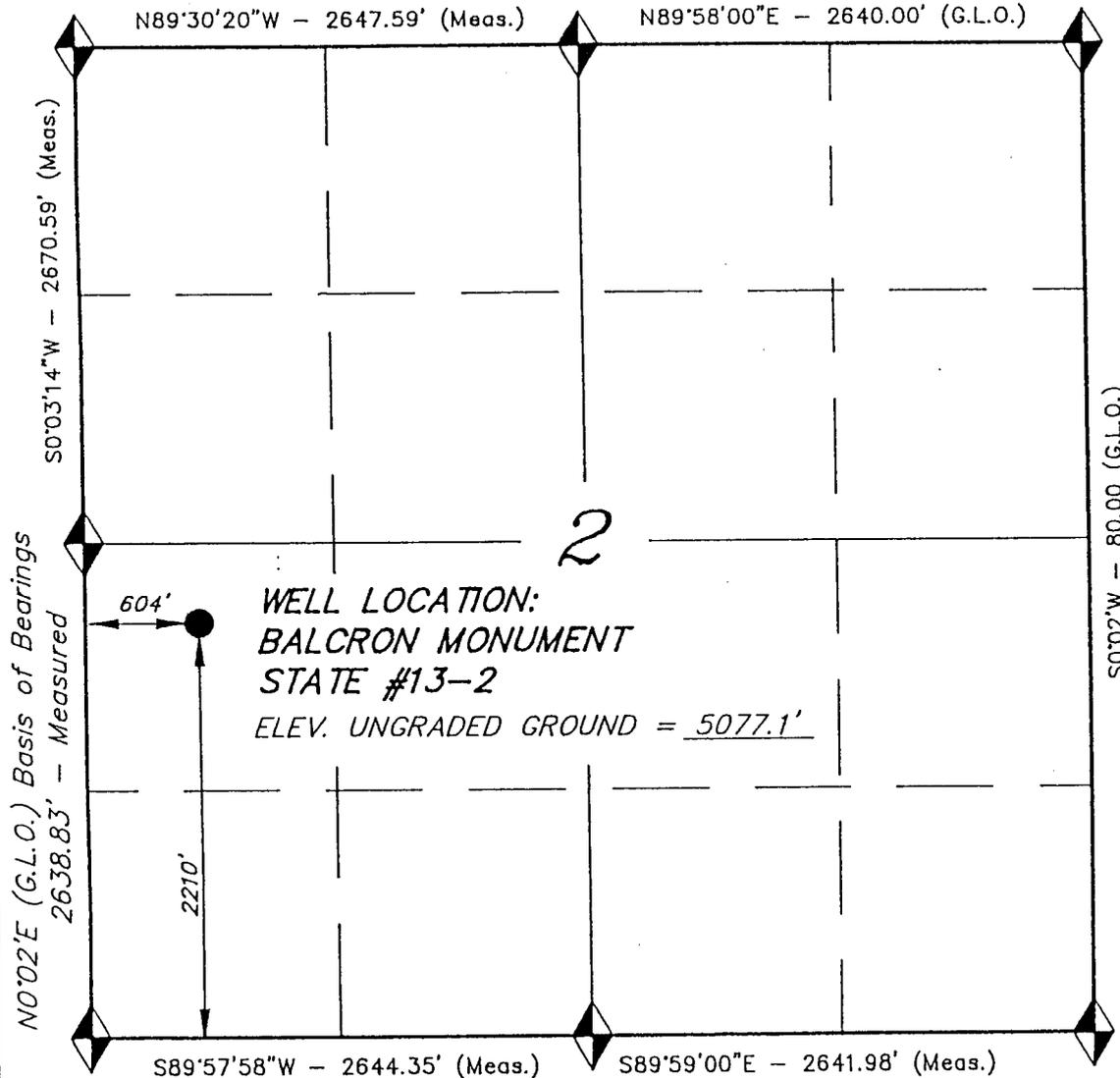
CASTLE DRAW STATE 13-2 5800 TD



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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT STATE #13-2, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

Stacy W. Stewart
STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 189377
 STATE OF UTAH

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

SCALE: 1" = 1000'	SURVEYED BY: G.S. S.S.
DATE: 11-21-94	WEATHER: COOL
NOTES:	FILE #13-2

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

Attachment A-1

EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 9 South, Range 17 East Section 2: All	State	Inland Production Company	ML-45555 HBP	(Surface Rights) State (Grazing Rights) Strawberry River Livestock Inc.
2	Township 9 South, Range 17 East Section 3: Lot 1	USA	Wildrose Resources Corporation	UTU-74871	(Surface Rights) USA (Grazing Rights) Strawberry River Livestock, Inc.
3	Township 9 South, Range 17 East Section 3: Lots 2-4, S/2N/2	USA	Snyder Oil Corporation	UTU-61252 HBP	(Surface Rights) USA (Grazing Rights) Strawberry River Livestock Inc.

EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
4	Township 9 South, Range 17 East Section 3: N/2S/2	USA	Inland Production Company	UTU-44004 HBP	(Surface Rights) USA (Grazing Rights) Strawberry River Livestock Inc.
5	Township 9 South, Range 17 East 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	USA	Inland Production Company Yates Petroleum Corporation	UTU-75037 HBP	(Surface Rights) USA (Grazing Rights) Strawberry River Livestock Inc.
6	Township 9 South, Range 17 East Section 10: E/2NE/4	USA	Cochrane Resources G. W. McDonald	UTU-18043 HBP	(Surface Rights) USA (Grazing Rights) Strawberry River Livestock Inc.

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Balcron Monument State #13-2

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.

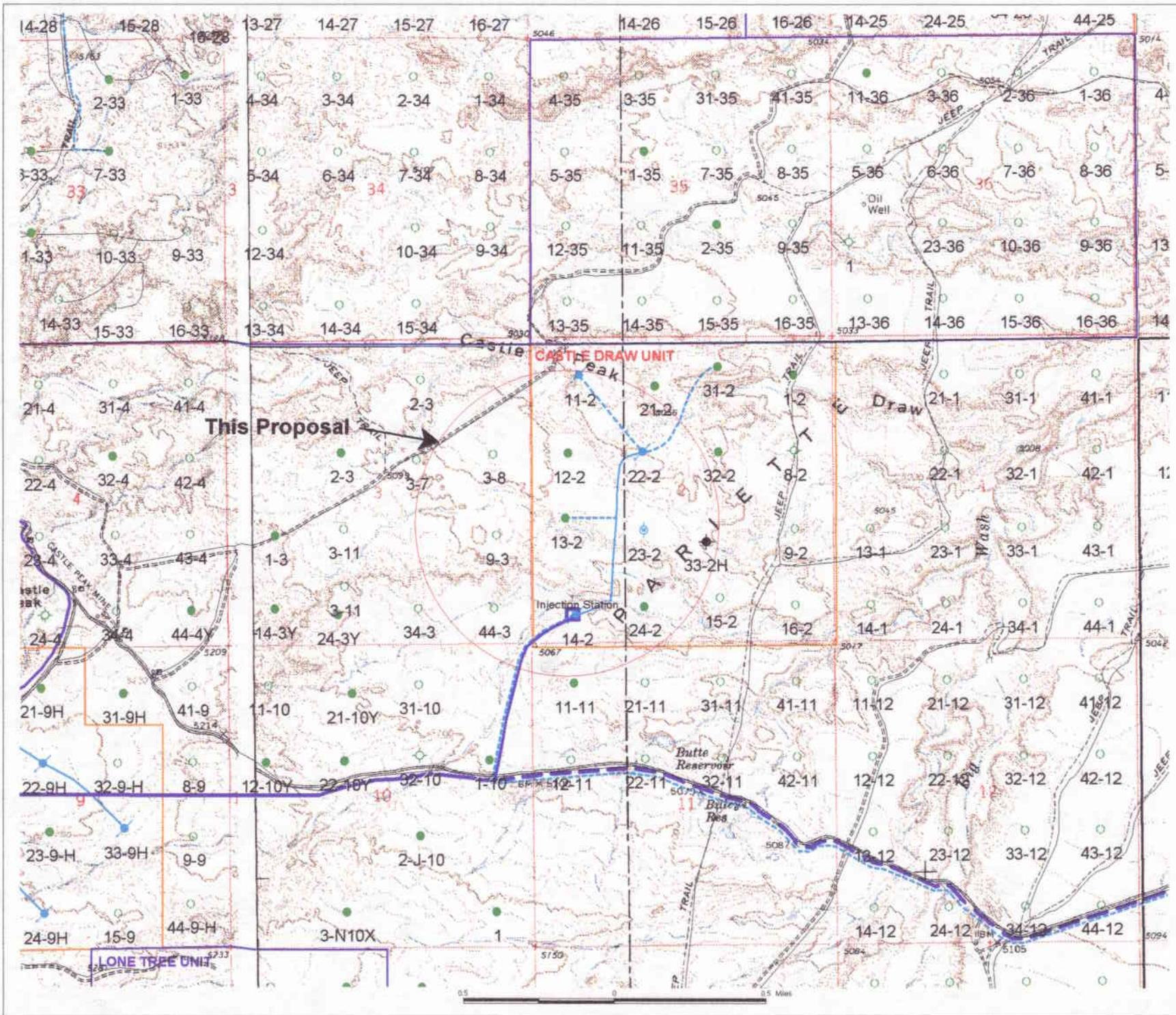
Signed: 
Inland Production Company
Kevin S. Weller
Senior Reservoir Engineer

Sworn to and subscribed before me this 8th day of January, 1998.

Notary Public in and for the State of Utah: 



My Commission Expires 11/14/2000



- Legend
- INJ
 - OIL
 - GAS
 - O&G
 - DRY
 - SHUTIN
 - LOC
 - Proposed Water 6"
 - Water 6"
 - Water 4"
 - Water 2-3"
 - Proposed Water

UNTA BASIN
 (Derrick & Tank Control, Risk)

Attachment D



Attachment E
 BALCRON MONUMENT STATE #13-2
 NW SW Sec.2 T9S R17E
 Lease #ML-45555
 Monument Butte Field
 Duchesne County, Utah

Elev. - 5077' GL
 KB - 5087' KB (10')

WELLBORE DIAGRAM

DATE : 1/31/97 DZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 259.85' (6 jts)
 DEPTH LANDED: 269.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4 #/sk celloseal

PRODUCTION CASING

270' KB

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5790.4' (129 jts)
 DEPTH LANDED: 5799.4' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 283 sxs super class "G" + (47 # "G" +
 17#CSE+1/4# celloseal+2# HiSeal +
 20# Poz)/sk + 3% salt + 2% gel
 Tail w/ 340 sxs 50-50 POZ + 2% gel +
 (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1238' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 134 jts (4127.87')
 TUBING ANCHOR: trico 2.35' @ 4139.22'KB
 NO. OF JOINTS: 25 jts (768.25')
 SEATING NIPPLE: 1.1' @ 4907.47'KB
 PERF. SUB: 4.2
 MUD ANCHOR: 1 jt - 30.82' w/ NC
 STRING LENGTH: 4933.59'
 SN at: 4907.47' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 6' Pony
 195 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 4903'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RHAC
 w/ SM plunger TRICO #1185

ACID JOB / BREAKDOWN JOB

3/6/95 Western 4856'-4873' : 2814 gal 2% KCl wtr
 w/ 100 balls. no ball off but ball action
 ATR-5.3 bpm, ATP-2400, ISIP-1450

3/9/95 Western 4166'-4197' : 3087 gal 2% KCl wtr,
 w/ 160 balls. No ball off, but action seen.
 ATR-6.0 bpm, ATP-2600, ISIP-1700

FRAC JOB

3/7/95 Western 4856'-4873' : 3000gal 2% KCl pad, 18,438 gal
 2% KCl w/ 64,000# 16/30 sand. Flush w/
 4998 gal 2% KCl wtr. ISIP-2300
 ATP-2400, ATR-30.4 bpm, 5min-1880, 10min-
 1600, 15min-1560, 30min-1370.

3/10/95 Western 4166'-4197' : 4400gal 2% KCl pad, 94,760#
 16/30 sand w/ 26,418 gal 2% KCl wtr. Flush w/
 4074gal 2% KCl. ATR-31.5bpm, ATP-2350,
 ISIP-2300, 5min-2100, 10min-1980, 15min-1800.
 30min-1380

PERFORATION RECORD

3/6/95 Schlumberger 4856' - 4860' 4 SPF 4 ft 16 holes
 4864' - 4873' 4 SPF 9 ft 36 holes

3/9/95 Schlumberger 4166'-4174' 4 SPF 8 ft 32 holes
 4176'-4186' 4 SPF 10 ft 40 holes
 4195'-4197' 4 SPF 2 ft 8 holes

4166'-74' & 4176'-86'
 4195'-97'

4856'-60'
 4864'-73'

S.N. @ 4910' KB

EOT - 4935' KB

PBTD @ 5754' KB
 TD @ 5850' KB



Attachment E-1
 Monument State #11-2-9-17CD
 Monument Butte
 State ML-45555
 NW NW Section 2, T9S, R17E
 634' FNL, 863' FWL
 Duchesne County, Utah

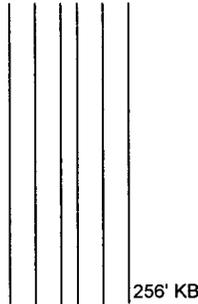
Elev.GR - 5044' GL
 Elev.KB - 5054' KB (10' KB)

**INJECTION
 WELLBORE DIAGRAM**

DATE : 11/7/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 246'
 DEPTH LANDED: 256' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: BJ Services: 160 sks.



PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5429'
 DEPTH LANDED: 5439' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: BJ Services: 155 sks Super "G" w/
 3% salt, 2% gel, 2#/sk Kolseal,
 1/4#/sk Celloflake. Tail w/ 280 sks of
 50/50 POZ w/ 2% gel, 2#/sk Kolseal,
 1/4#/sk Celloflakes.

TOC @
 1910' KB

CEMENT TOP AT: 1910' KB

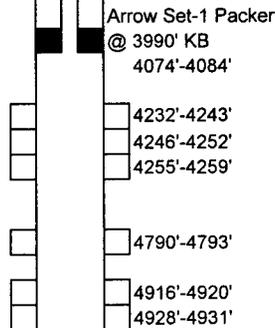
PERFORATION RECORD

Date	Company	Interval	Perforations
9/20/96	Schlumberger	4790'-4793'	6 Holes
		4916'-4920'	5 Holes
		4928'-4931'	5 Holes
9/25/96	Schlumberger	4232'-4243'	4 SPF
		4246'-4252'	4 SPF
		4255'-4259'	4 SPF
9/26/96	Schlumberger	4074'-4084'	4 SPF

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/J-55/6.5#
 NO. OF JOINTS: 128 Jts (3978.92')
 SEATING NIPPLE: 2-7/8"x1.10'
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.20'
 PACKER LANDED AT: 3990' KB
 Set W/ ? tension

PACKER FLUID: 55 gallons Champion Cortron
 2383 mixed w/ 62 bbls 2%
 KCL water.



PBTD @ 5391' KB
 TD @ 5450' KB



Attachment E-2
 BALCRON MONUMENT STATE #12-2
 SW NW Sec.2 T9S R17E
 Lease #ML-45555
 Monument Butte Field
 Duchesne County, Utah

Elev. - 5097' GL
 KB - 6007' KB (10')

WELLBORE DIAGRAM

DATE : 7/20/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 261.55' (7 jts)
 DEPTH LANDED: 272.55' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloseal

272.5' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5834.84' (140 jts)
 DEPTH LANDED: 5845.48' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 252 sxs super class "G" + (47 # "G" +
 17#CSE+1/4# celloseal+2# HiSeal)/sk
 +3%salt + 2%gel. Tail w/ 320 sxs 50-50 POZ +
 2%gel + (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1737' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 156 jts (4852.26')
 TUBING ANCHOR: trico 2.35' @ 4032.96'KB
 NO. OF JOINTS: 15 jts (464.01')
 SEATING NIPPLE: 1.1' @ 5329.72'KB
 PERF. SUB: 4.2'
 MUD ANCHOR: 1 jt - 28.8' w/ NC
 STRING LENGTH: 5352.72'
 SN at: 5329.72' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: three - 3/4" x 4' Pony
 212 - 3/4" x 25' D-16 Plain

TOTAL STRING LENGTH: 5328'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ PA plunger TRICO #1104

ACID JOB / BREAKDOWN JOB

3/29/95 Western 5266'-5306' : 2885 gal 2% KCl wtr
 w/ 100 balls. no ball off but ball action
 ATR-5.8 bpm, ATP-2450, ISIP-1550

4/3/95 Western 4924-4936' : 3360 gal 2% KCl wtr,
 w/ 100 balls. No ball off, but action seen.
 ATR-6.0 bpm, ATP-3200, ISIP-1640

FRAC JOB

3/30/95 Western 5266'-5306' : 2400gal 2% KCl pad, 20,034 gal
 2% KCl w/ 23,060# 20/40 & 41,460# 16/30
 sand, flush w/ 5263 gal 2% KCl wtr. ISIP-2300
 ATP-2350, ATR-31.6 bpm, 5min-1740, 10min-
 1680, 15min-1610, 30min-1530.

4/3/95 Western 4924'-4936' : 2500gal 2% KCl pad, 59,020#
 16/30 sand w/ 19,278 gal 2% KCl wtr. Flush w/
 4914gal 2% KCl. ATR-31.8bpm, ATP-2800,
 ISIP-2480, 5min-1850, 10min-1610, 15min-1540,
 30min-1470

PERFORATION RECORD

3/29/95 Cutter 5266' - 5268' 4 SPF 2 ft 8 holes
 5296' - 5306' 4 SPF 10 ft 40 holes

4/3/95 Cutter 4924' - 4936' 4 SPF 12 ft 48 holes

4924' - 4936'

5266' - 5268'
 5296' - 5306'

S.N. @ 5330' KB

EOT - 5363' KB

PBTD @ 5745' KB
 TD @ 5800' KB



Elev. - 5047' GL
 KB - 5057' KB (10')

INJECTION WELL COMPLETION DIAGRAM

DATE: 8/16/96 JZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 261.25' (6 jts)
 DEPTH LANDED: 271.25' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCl +
 1/4#/sk celloflake

276.3' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5779.79' (138 jts)
 DEPTH LANDED: 5788.79' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 285 sxs super class "G" + (47#G + 20#Poz A +
 17# CSE+1/4 # celloseal+2# HiSeal)/sk +3%salt
 +2%gel, tail w/ 315 sk 50-50 POZ + 2%gel +
 1/4 #/sk celloseal + 2 #/sk HiSeal 2
 CEMENT TOP AT: 1310' KB

TUBING RECORD

KB: 10'
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 153 jnts @ 4802.45'
 SEAT NIPPLE: 2-7/8" X 1.10'
 CROSS OVER: 2-7/8" X 2-3/8" @ 0.42'
 SEAT NIPPLE LANDED @ 4813.55' KB
 RETRIEVABLE CSG PACKER 2-3/8" X 6.20'
 MODEL: Arrow Set-1
 PACKER LANDED @ 4820.17' KB

Set packer w/ 21" tension
 Pumped 55 gals Champion Cortron-2383 packer fluid mixed w/ 80 STB KCl wr.

Ran MIT on 7/30/96, pressure csg annulus to 1000 psig.
 Test witnessed & passed by Dan Jarvis (Utah OG&M).

PERFORATION RECORD

3/20/95	Schlumberger	5222' - 5227'	4 SPF	5 ft	20 holes
		5234' - 5242'	4 SPF	8 ft	32 holes
3/23/95	Schlumberger	4881' - 4884'	4 SPF	3 ft	12 holes
		4896' - 4905'	4 SPF	9 ft	36 holes

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

RETRIEVALBLE CASING PACKER @ 4820' KB

4881' - 4905'

5222' - 5242'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5745' KB
 TD @ 5798' KB

- WASATCH FORMATION 6000 ft



Attachment E-4
 BALCRON MONUMENT STATE #23-2
 NE SW Sec.2 T9S R17E
 Lease #ML-45555
 Monument Butte Field
 Uintah County, Utah

Elev. - 5042' GL
 KB - 5052' KB (10')

WELLBORE DIAGRAM

DATE : 7/20/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 257.05' (6 jts)
 DEPTH LANDED: 267' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 170 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

267' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 3452.3' (83 jts)
 DEPTH LANDED: 3461.63' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 208 sxs super class "G" + (41# class "G" +
 20#Poz+17#CSE+1/4#celloseal+2#HiSeal)/sk
 +3%salt + 2%gel. Tail w/ 260 sxs 50-50 POZ +
 2%gel + (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 608' KB

TUBING RECORD

SIZE/GRADE/WT.: none
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERF. SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN at:

SUCKER ROD RECORD

POLISHED ROD: none
 SUCKER RODS:

TOTAL STRING LENGTH:

PUMP SIZE:

ACID JOB / BREAKDOWN JOB

none

FRAC JOB

none

CEMENT PLUGS

PLUG BACK FOR WATER WELL :

#1	5600'-5500'	52 sxs	100% excess on cement & all
#2	5101'-5001'	52 sxs	cement class "G" w/ 1/4 #/sk
#3	3888'-3788'	60 sxs	Cello-seal + 1#/sk Hi-seal 2

PERFORATION RECORD

3/20/95 Schlumberger 2981' - 2988' 4 SPF 7 ft 28 holes
 2995' - 3030' 4 SPF 35 ft 140 holes
 WATER BEARING ZONES

2981'-2988'

2995'-3030'

PBTD @ 3422' KB
 CASING LANDED @ 3462' KB

PLUG #3 3888'-3788'

PLUG #2 5101'-5001'

PLUG #1 5600'-5500'

TD @ 5700' KB





Elev. - 5042' GL
 KB - 5052' KB (10')

WELLBORE DIAGRAM

DATE : 7/20/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 253.9' (6 jts)
 DEPTH LANDED: 263.9' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

264' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5669.77' (135 jts)
 DEPTH LANDED: 5678.77' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 230 sxs super class "G" + (47# class "G" +
 20#Poz+17#CSE+1/4#celloseal+2#HiSeal)/sk
 +3%salt + 2%gel. Tail w/ 223 sks 50-50 POZ +
 2%gel + (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1852' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 130 jts (4020.21')
 TUBING ANCHOR: trico 2.75' @ 4032.96'KB
 NO. OF JOINTS: 36 jts (112.08')
 SEATING NIPPLE: 1.1' @ 5162.14'KB
 PERF. SUB: 4.15'
 MUD ANCHOR: 1 jt - 31.5' w/ NC
 STRING LENGTH: 5187.79'
 SN at: 5162.14' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 2' Pony
 one - 3/4" x 4' Pony
 one - 3/4" x 6' Pony
 one - 3/4" x 8' Pony
 206 - 3/4" x 25' D-16 Plain
 TOTAL STRING LENGTH: 5186'
 PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ SM plunger TRICO #1048

ACID JOB / BREAKDOWN JOB

2/27/95 Western 5116'- 5124' : 2814 gal 2% KCl wtr
 w/ 64 balls. balled off,
 ATR-5bpm, ATP-2600, ISIP-1900
 3/2/95 Western 4078'-4114' : 2856 gal 2% KCl wtr,
 w/ 174 balls. Balled off.
 ATR-6bpm,ATP-3500, ISIP-1400

FRAC JOB

3/27/95 Western 5116'-24' : 2000gal 2% KCl pad, 15,876 gal
 2% KCl w/ 17,740# 20/40 & 24,120# 16/30
 sand, flush w/ 5040 gal 2% KCl wtr. ISIP-2800
 ATP-3270, ATR-30.0bpm, 5min-2230, 10min-
 2020, 15min-1860, 30min-1540.
 3/2/95 Western 4078'-4114' : 5000gal 2% KCl pad, 101,820#
 16/30 sand w/ 27,594gal 2% KCl wtr. Flush w/
 3990gal 2% KCl. ATR-29.8bpm, ATP-2250,
 ISIP-2500, 5min-2350, 10min-2180, 15min-1880,
 30min-1570

PERFORATION RECORD

2/24/95 Schlumberger 5116' - 5124' 4 SPF 8 ft 32 holes
 3/2/95 Schlumberger 4078' - 4090' 4 SPF 12 ft 48 holes
 4104' - 4114' 4 SPF 10 ft 40 holes

4078' - 4090'
 4104' - 4114'

5116' - 5124'

S.N. @ 5162' KB

EOT - 5198' KB

PBTD @ 5745' KB
 TD @ 5700' KB



INJECTION WELL COMPLETION DIAGRAM

Elev. - 5066' GL
 KB - 5076' KB (10')

DATE: 8/16/96 JZ

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 266.30' (6 fts)
 DEPTH LANDED: 276.3' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4#/sk celloflake

276.3' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5762.35' (135 jts)
 DEPTH LANDED: 5771.35' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 370 sxs super class "G" + (47#G + 20#Ron A +
 17# CSE)/sk + 3% salt + 2% gel + 1/4 #/sk celloseal,
 tail w/ 242 sk 50-50 POZ + 2% gel + 1/4 #/sk
 celloseal + 2 #/sk HiSeal 2
 CEMENT TOP AT: 860' KB

TUBING RECORD

KB: 10'
 SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 128 jnts @ 4025.09'
 SEAT NIPPLE: 2-7/8" X 1.10'
 CROSS OVER: 2-7/8" X 2-3/8" @ 0.37'
 SEAT NIPPLE LANDED @ 4036.15' KB
 RETRIEVABLE CSG PACKER 2-3/8" X 6.20'
 MODEL: Arrow Set-1
 PACKER LANDED @ 4042.76' KB

Set packer w/ 18" tension
 Pumped 55 gals Champion Cortron-2383 packer fluid mixed w/ 90 STB KCI wtr.

Ran MIT on 7/30/96, pressure csg annulus to 1225 psig.
 Test witnessed & passed by Dan Jarvis (Utah OG&M).

PERFORATION RECORD

8/29/94	Schlumberger	5073' - 5080'	4 SPF (.38")	7 ft	28 holes
9/6/94	Schlumberger	4756' - 4758'	4 SPF	2 ft	8 holes
		4760' - 4762'	4 SPF	2 ft	8 holes
		4771' - 4781'	4 SPF	10 ft	40 holes
7/16/96	Cutters Wierline	4094' - 4100'	4 SPF	6 ft	24 holes

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

RETRIEVABLE CASING PACKER @ 4043' KB

4094' - 4100'

4756' - 4781'

5073' - 5080'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5734' KB
 TD @ 5800' KB

- WASATCH FORMATION 6000 ft





Attachment E-7
Pleasant Valley #33-2-H
Pleasant Valley
State ML-21843
NW NW Section 16, T9S, R17E
660' FNL, 659' FWL
Uintah County, Utah

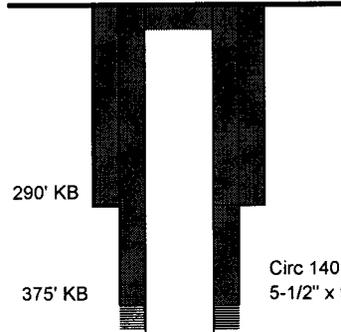
Elev.GR - 5044' GL
Elev.KB - 5054' KB (10' KB)

P&A
WELLBORE DIAGRAM

DATE : 1/5/98 dek

SURFACE CASING

CSG SIZE: 9-5/8"
GRADE: K-55
WEIGHT: 36#
LENGTH: 290'
DEPTH LANDED: 290'
HOLE SIZE: 12-1/4"
CEMENT DATA:

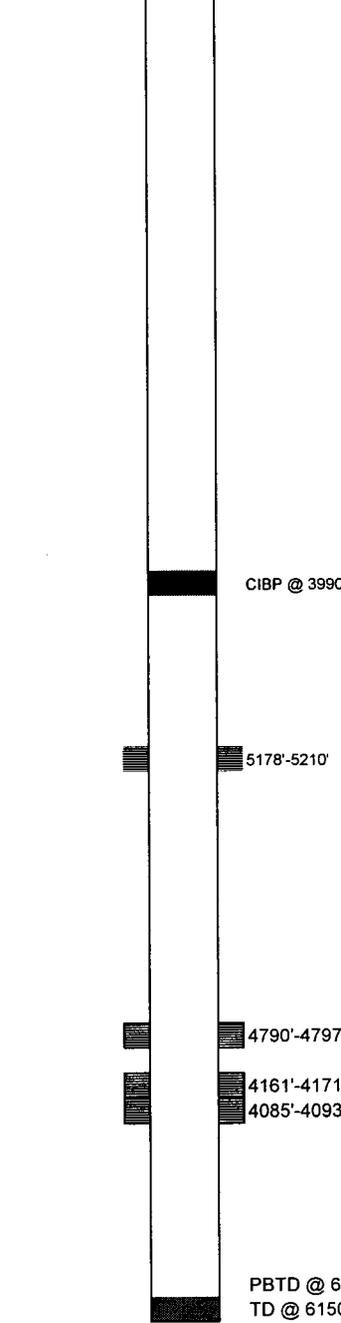


Circ 140 sx cement thru holes @ 375' and fill 5-1/2" & 5-1/2" x 9-5/8" csg annulus w/cmt from 375' to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: N-80
WEIGHT: 17#
LENGTH: 5429'
DEPTH LANDED: 6149'
HOLE SIZE: 7-7/8"
CEMENT DATA: 620 sxs

CEMENT TOP AT:



TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
SEATING NIPPLE:
ARROW SET 1 PACKER:
PACKER LANDED AT:

PACKER FLUID:

CIBP @ 3990', 10 sx cement on top

5178'-5210'

4790'-4797'

4161'-4171'
4085'-4093'

PBTD @ 6065' KB
TD @ 6150' KB



Elev.GR - 5077' GL
Elev.KB - 5087'

WELLBORE DIAGRAM

Attachment E-8
Monument Fed. #11-11-9-17Y
NW NW Section 11, T9S, R17E
656' FNL & 741' FWL
Lease No.: U-65210
Monument Butte
Duchesne County, Utah

DATE : 04/18/96 lac/ DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 251.03'
DEPTH LANDED: 261.03' KB
HOLE SIZE:
CEMENT DATA: 160 sxs "G" + 2% CaCl2
+1/4#/sx cello flake

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5679.31'
DEPTH LANDED: 5689.31' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Lead - 150 sxs "Super G" = 47#/sx poz
+34#/sx BA-91 + 3% salt + 2% Gel + 2#/sx
Hi-seal2 + 1/4#/sx cello flake. Tail - 390
sxs 50/50 poz + 2% gel + 1/4#/sx cello seal
+ 2#/sx Hi-seal2.
CEMENT TOP AT: 1730' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" EUE / J-55 / 6.5#
NO. OF JOINTS: 128 jts, (4089.74')
TUBING ANCHOR: 2-1/2"x5-1/2" Trico (2.75')
NO. OF JOINTS: 22 jts (717.94')
SEATING NIPPLE: 2-7/8" (1.10)
PERFORATED SUB: 2-7/8"x4' (4.20')
MUD ANCHOR: 2-7/8"x 32.78'
STRING LENGTH: 4848.91'
SN LANDED AT: 4821.53' KB

SUCKER RODS

POLISHED ROD:
SUCKER RODS: 191- 3/4"x25' Plain D-54
1-1"x2' Pony w/ 2-1/2" guide
1- 1-1/2"x25' K-Bar
1- 1"x2' Pony w/ 2-1/2" guide

STRING LENGTH:

PUMP SIZE: 2-1/2"x1-1/2"x16' RHAC
w/ SM Plunger
PUMP NUMBER: Trico #1162
STROKE LENGTH: 82 inches
PUMP SPEED, SPM: 8 SPM
PUMPING UNIT: Lufkin C320D-305-100
PRIME MOVER: Ajax E42- 8-1/2 x 10

LOGS: CBL w/ Gamma ray & Collars
Dual Laterolog w/ Linear correlation Gamma Ray
Litho-Density compensated neutron gamma ray

ACID JOB /BREAKDOWN

4/22/96 4765'-4772' BJ Services:
1764 gal KCL wtr, w/
56 ball sealers, ball out.
ATP=1600 psi, ATR= 3.0 bpm
ISIP= 500 psi.

4/26/96 4126'-4135' BJ Services:
1806 gal 2% KCL wtr, w/
75 ball sealers, ball out.
ATP=2250 psi, ATR= 4.0 bpm,
ISIP=1700 psi.

FRAC JOB

4/23/96 4765'-4772' BJ Services:
15,288 gal 2% KCL w/
35,924 # 16/30 sand.
ATP= 1700 psi, ATR=
20.0 bpm, ISIP=1900 psi,
5 min.=1800 psi, 10 min.=
1650 psi, 15 min.=1560 psi,
30 min.=1420 psi.

4/26/96 4126'-4135' BJ Services:
14,742 gal. 2% KCL wtr, w/
41,500 # 16/30 sand.
ATP= 2300 psi, ATR=
30.5 bpm, ISIP= 2250 psi,
5 min.= 1840 psi, 10 min.=
1660 psi, 15 min.= 1550 psi,
30 min.= 1420 psi.

PERFORATION RECORD

4/22/96 Schlumberger 4765'-4772' 4 SPF

4/25/96 Schlumberger 4126'-4135' 4 SPF
4742'-4745' 4 SPF
4747'-4753' 4 SPF

4126'-4135'

4742'-4745'

4747'-4753'

4765'-4772'

SN LANDED @ 4821.53' KB
EOT LANDED @ 4858.91' KB

PBTD @ 5641' KB
TD @ 5700' KB

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment F
RECEIVED JUN - 4 1997

Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

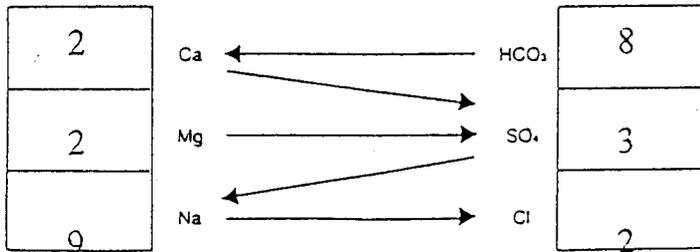
Company INLAND Address _____ Date 05-08-97

Source JOHNSON WATER Date Sampled 05-08-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>8.5</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>974</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>490</u>	÷ 61 <u>8</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>48</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)	MG	<u>24</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>220</u>	
13. Total Iron (Fe)		<u>37</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>4</u>			<u>336</u>
Na ₂ SO ₄	71.03	<u>3</u>			<u>213</u>
NaCl	58.46	<u>2</u>			<u>117</u>

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

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

Attachment F-1

WATER ANALYSIS REPORT

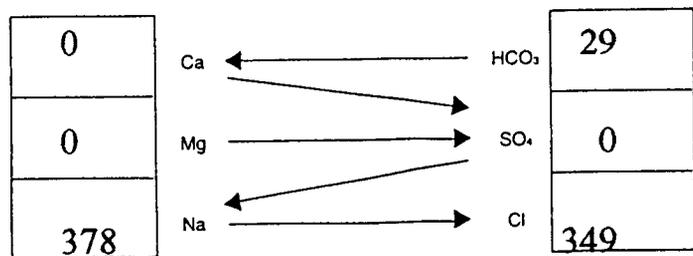
Company INLAND Address _____ Date 12-23-97

Source CASTLE DRAW STATE 13 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.3</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.020</u>		
4. Dissolved Solids		<u>22,839</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>300</u>	÷ 30 <u>10</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,150</u>	÷ 61 <u>19</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>12,400</u>	÷ 35.5 <u>349</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>8</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)	MG	<u>0</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>20</u>	
13. Total Iron (Fe)		<u>0.8</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>29</u>		<u>2,436</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>349</u>		<u>20,403</u>

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

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
LOCATION:
SYSTEM:

12-23-97

WATER DESCRIPTION: CDS 13-2

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO3	300	300
M-ALK AS PPM CaCO3	1150	1150
SULFATE AS PPM SO4	0	
CHLORIDE AS PPM Cl	12400	12400
HARDNESS AS PPM CaCO3	20	20
CALCIUM AS PPM CaCO3	8	8
MAGNESIUM AS PPM CaCO3	0	
SODIUM AS PPM Na	8694	8694
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	22839	21787
TEMP (DEG-F)	100	
SYSTEM pH	9.3	
pH		9.3

RESULTS:

IONIC STRENGTH-MOLAL	.372
SPECIFIC GRAVITY (EST. VALUE)	1.01
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	21787

SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	.22	1	0	0	0
100	.49	1	0	0	0
120	.76	2	0	0	0
140	1.09	2	0	0	0
160	1.40	2	0	0	0
180	1.80	2	0	0	0
200	2.21	2	0	0	0

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
LOCATION:
SYSTEM:

12-23-97

WATER DESCRIPTION:	MONUMENT BUTTE WA	CDS 13-2
P-ALK AS PPM CaCO3	0	300
M-ALK AS PPM CaCO3	1100	1150
SULFATE AS PPM SO4	60	0
CHLORIDE AS PPM Cl	7100	12400
HARDNESS AS PPM CaCO3	70	20
CALCIUM AS PPM CaCO3	8	8
MAGNESIUM AS PPM CaCO3	12	0
SODIUM AS PPM Na	5014	8694
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	13264	22839
TEMP (DEG-F)	100	100
SYSTEM pH	8.6	9.3

WATER COMPATIBILITY CALCULATIONS
MONUMENT BUTTE WA AND CDS 13-2
CONDITIONS: TEMP.=100 AND pH=9
WATER ONE IS MONUMENT BUTTE WA

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.35	1	0	0	0
90	.33	1	0	0	0
80	.31	1	0	0	0
70	.29	1	0	0	0
60	.27	1	0	0	0
50	.25	1	0	0	0
40	.22	1	0	0	0
30	.20	1	0	0	0
20	.18	0	0	0	0
10	.16	0	0	0	0
0	.14	0	0	0	0

Attachment G

**Balcron Monument State #13-2
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4166	4197	4182	1700	0.84	1687
4856	4873	4865	1450	0.73	1432
				Minimum	1432

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.

Frac Gradient is obtained from the service company's frac summary report.



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

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

Attachment G-2
TREATMENT REPORT

DATE OF TREATMENT: 3-9-95

Well Name Monument State 13-2 Sec. 2 TWN. 9 S RNG. 17 E

Field Monument Butte County Duckwater State Utah

Formation: Green River

Perforations: 4166-74, 4176-86, 4195-97

Treatment Type: KCL BREAK DOWN Total Number of Holes: 80

Treatment Company: WESTERN

SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		#/GAL	BPM	PSI		CALC.	ACTUAL
		/				/	#	#
			/				#	#
			/				#	#
			/				#	#
			/				#	#
			/				#	#
			/				#	#
			/				#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
3087 gal. 2% KCL WATER Fluid

TOTAL SAND VOLUME: _____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ sand

Flushed well with _____ gal. of _____
160 ball sealers were pumped. Was ball action seen? YES, NO BALL OFF.

Barrels of Load to Recover 73.5 - 3.5 = 70 BLTR

Avg. Treating Pressure = 2600 psi, max = 2700 psi, min. = 2200 psi.

Avg. Treating Rate = 6.0 bpm, max = 6.0 bpm, min. = 6.0 bpm.

ISIP = 1700 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.

Well will be shut in for 0 hours before bringing back fluid.

REMARKS: PUMP 4 BALLS PER BAL.

INITIAL BREAK AT 2600 PSI AT 1.0 BPM, BACK TO 2600 PSI AT 6.0 BPM. SURGE BALLS OFF.

PUMP FOR RATE, 6.11 BPM AT 2700 PSI Wellsite Supervisor: Dale [Signature]

1/20075 WK FRAC GRADIENT .84

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 167' plug from 4923'-4756' with 30 sxs Class "G" cement.
2. **Plug #2** Set 181' plug from 4247'-4066' with 45 sxs Class "G" cement.
3. **Plug #3** Set 200' plug from 2200'-2000' with 30 sxs Class "G" cement.
4. **Plug #4** Set 100' plug from 320'-220' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
5. **Plug #5** Set 50' plug from surface with 10 sxs Class "G" cement.
6. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 270' to surface.

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



Elev. - 5077' GL
 KB - 5087' KB (10')

PROPOSED P&A

DATE : 12/22/97 dek

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 259.85' (6 jts)
 DEPTH LANDED: 269.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class "G" + 2% CCI +
 1/4 #/sk celloseal

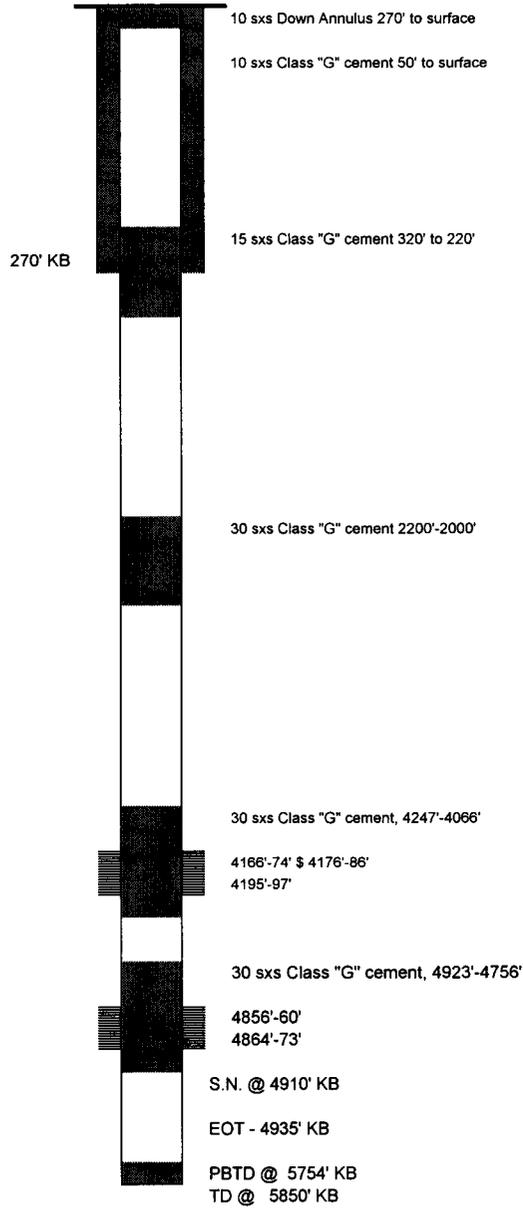
PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5790.4' (129 jts)
 DEPTH LANDED: 5799.4' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 283 sxs super class "G" + (47 # "G" +
 17#CSE+1/4# celloseal+2# HiSeal +
 20# Poz)/sk + 3%salt + 2% gel
 Tail w/ 340 sxs 50-50 POZ + 2% gel +
 (1/4# celloseal+2#HiSeal)/sk

CEMENT TOP AT: 1238' KB

TUBING RECORD

SIZE/GRADE/WT.:
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERF. SUB:
 MUD ANCHOR:
 STRING LENGTH:
 SN at:



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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF INLAND PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF THE	:	CAUSE NO. UIC-204
MONUMENT STATE 13-2, 11-2, AND 31-2	:	
WELLS LOCATED IN SECTION 2,	:	
TOWNSHIP 9 SOUTH RANGE 17 EAST,	:	
S.L.M., DUCHESNE AND UINTAH COUNTIES,	:	
UTAH, AS CLASS II INJECTION WELLS	:	

---ooOoo---

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

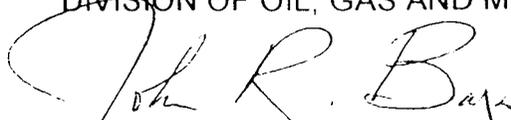
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument State 13-2, 11-2 and 31-2 wells, located in Section 2, Township 9 South, Range 17 East, Duchesne and Uintah Counties, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Douglas Creek Member of the Green River Formation will be selectively perforated for water injection. The maximum injection pressure will be determined on a well by well basis, based on fracture gradient information submitted by Inland.

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 of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 29th day of January, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



John R. Baza
Associate Director, Oil and Gas



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

Michael O. Leavitt
Governor
Ted Stewart
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 29, 1998

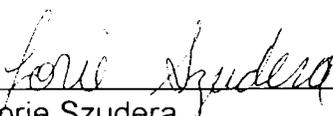
Salt Lake Tribune
PO Box 867
Salt Lake City, UT 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-204

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801.

Sincerely,



Lorie Szudera
Secretary

Enclosure

**Inland Production Company
State 13-2, 11-2, and 31-2 Wells
Cause No. UIC-204**

Publication Notices were sent to the following:

Salt Lake Tribune
PO Box 867
Salt Lake City, UT 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Inland Production Company
475 17th Street
Denver, Co 80202

Lorie Szudera
Secretary
January 29, 1998

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : NOTICE OF AGENCY ACTION
OF INLAND PRODUCTION COMPANY FOR :
ADMINISTRATIVE APPROVAL OF THE : CAUSE NO. UIC-204
MONUMENT STATE 13-2, 11-2, AND 31-2 : *43013 31482*
WELLS LOCATED IN SECTION 2,
TOWNSHIP 9 SOUTH RANGE 17 EAST,
S.L.M., DUCHESNE AND UINTAH COUNTIES,
UTAH, AS CLASS II INJECTION WELLS :

---ooOoo---

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



John R. Baza
Associate Director, Oil and Gas



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

Michael O. Leavitt
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1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
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January 29, 1998

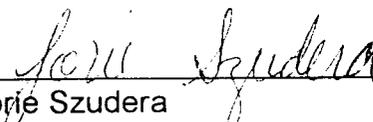
Salt Lake Tribune
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Sincerely,



Lorie Szudera
Secretary

Enclosure

**Inland Production Company
State 13-2, 11-2, and 31-2 Wells
Cause No. UIC-204**

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Salt Lake Tribune
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268 South 200 East
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Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Inland Production Company
475 17th Street
Denver, Co 80202,



Lorie Szudera
Secretary
January 29, 1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
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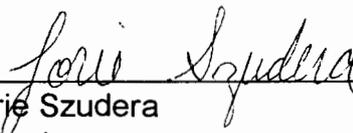
Uintah Basin Standard
268 South 200 East
Roosevel, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-204

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801.

Sincerely,


Lorje Szudera
Secretary

Enclosure

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company
Location: 2/9S/17E

Well: Monument State 13-2
API: 43-013-31482

Ownership Issues: The proposed well is located on lands administered by the School Institutional Trust Lands Administration (SITLA). SITLA and the BLM are the only surface owners in the one-half mile radius of the well. SITLA and the BLM are also the mineral owners. Inland holds all leases in section 2 which was approved as a waterflood project (Castledraw Unit cause # 228-3). Mineral leases outside the unit and within the one-half mile radius are held by Inland and various other individuals. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent to convert the well to an injection well.

Well Integrity: The well proposed for injection is the Monument State 13-2. The well has surface casing set at 270 feet and is cemented to surface. A 5 ½ inch production casing is set at 5790 feet and has a cement top at approximately 1200 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing and packer will be set at 4116 feet. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells and 3 injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: The base of moderately saline water is at a depth very near the surface in this area. The proposed injector and all wells in the area of review have cement tops well above the proposed injection zone. Injection shall be limited to the interval between 4166 feet and 4873 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 13-2 well is .73 psig/ft., which was the lowest reported fracture gradient for the injection zone. The resulting fracture pressure at the proposed uppermost perforation at 4166 feet is 1432 psig. The requested maximum pressure was 1432 psi., 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. Water analysis submitted by Inland indicates that the quality of the water in the zone of injection exceeds 20,000 mg/l. The zone is not considered a USDW. The water to be injected is from the Johnson water district, reports indicate the quality of this water to be approximately 900 mg/l.

Oil/Gas& Other Mineral Resources Protection: At the time the Castledraw unit was approved there was no other wells outside the unit area and it was felt that correlative rights were protected. Since that time new wells have been drilled outside the area and are within the one-half mile area of review. Additionally the location of this well places it near the unit boundary and there is one producing well off to the west. Although Inland is the major lease holder in the surrounding acreage, it is felt that allowing injection into this well may not be in the best interest of the mineral owner.

Bonding: The well is bonded with the SITLA.

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 the well be conditionally approved. The application is technically complete but the issue of correlative rights should be addressed by Inland prior to granting an approval to inject. SITLA was notified of the possible correlative rights issue. Jim Cooper will contact Inland, additionally I spoke with Kevin Weller of Inland and notified him of our concerns. He said that Inland has plans to unitize the area.

3-2-98, The issue of correlative rights has been discussed with both John Dyer of Inland and Jim Cooper with SITLA. Inland submitted structure maps and sand isopach maps which show that the proposed injection interval does not appear to be connected to the producing interval in wells outside the unit boundary. An agreement has been reached between the SITLA, Inland and Division staff. The Division will stipulate that after 6 months of injection, a radioactive tracer survey will be run to help determine if the zones are in fact not connected. SITLA has agreed to allow injection contingent on the fact that Inland run the tracer survey and move to expand the unit to encompass leases and production outside the unit area. Inland has agreed to the above conditions. Additionally Inland has stated that in their experience with the Monument Butte water floods, effects of the flood generally take up to 12 months. They feel that measures to expand the unit will be underway much sooner than the 12 months. The Division staff recommends approval of the three proposed injectors with the stipulation that Inland run the radioactive tracer survey and initiate a proposal to expand the unit.

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): D.Jarvis Date: 2/4/98



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 2, 1998

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

Re: Monument State 11-2, 13-2 and 31-2 wells, Castledraw Unit Section 2, Township 9 South, Range 17 East, Duchesne and Uintah Counties, Utah

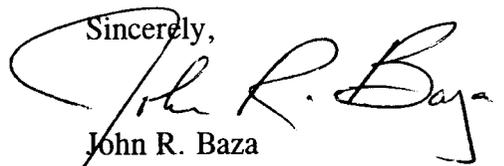
Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. 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 radioactive tracer survey will be run six months after the well commences injection. This survey will be run to help determine if there is communication with other productive intervals outside the Castledraw unit area. If with test results it is determined that there is communication, injection shall cease until the unit is expanded to include the effected wells outside the existing unit.

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

Sincerely,


John R. Baza
Associate Director, Oil and Gas

cc: Jim Cooper, SITLA (w/attachments)
Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

FRANK A. RADELLA, INC.
Oil & Gas Exploration & Consulting
1601 Lewis Suite 202E
Billings, MT 59102

Balcron Oil, Inc.
Monument Butte State 13-2
NW SW Sec 2-T9S-R17E
Duchesne County, Utah

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4	Dual Laterolog Tops
5	Mud Log Shows and Potential Production Zones
6	Penetration Chart
7	Surveys and Bit Record
8	Drilling Fluid Data and Cost
9-10	Drilling History
11-18	Sample Descriptions
Insert	Drill Time Log

by

FRANK A. RADELLA
Certified Petroleum Geologist

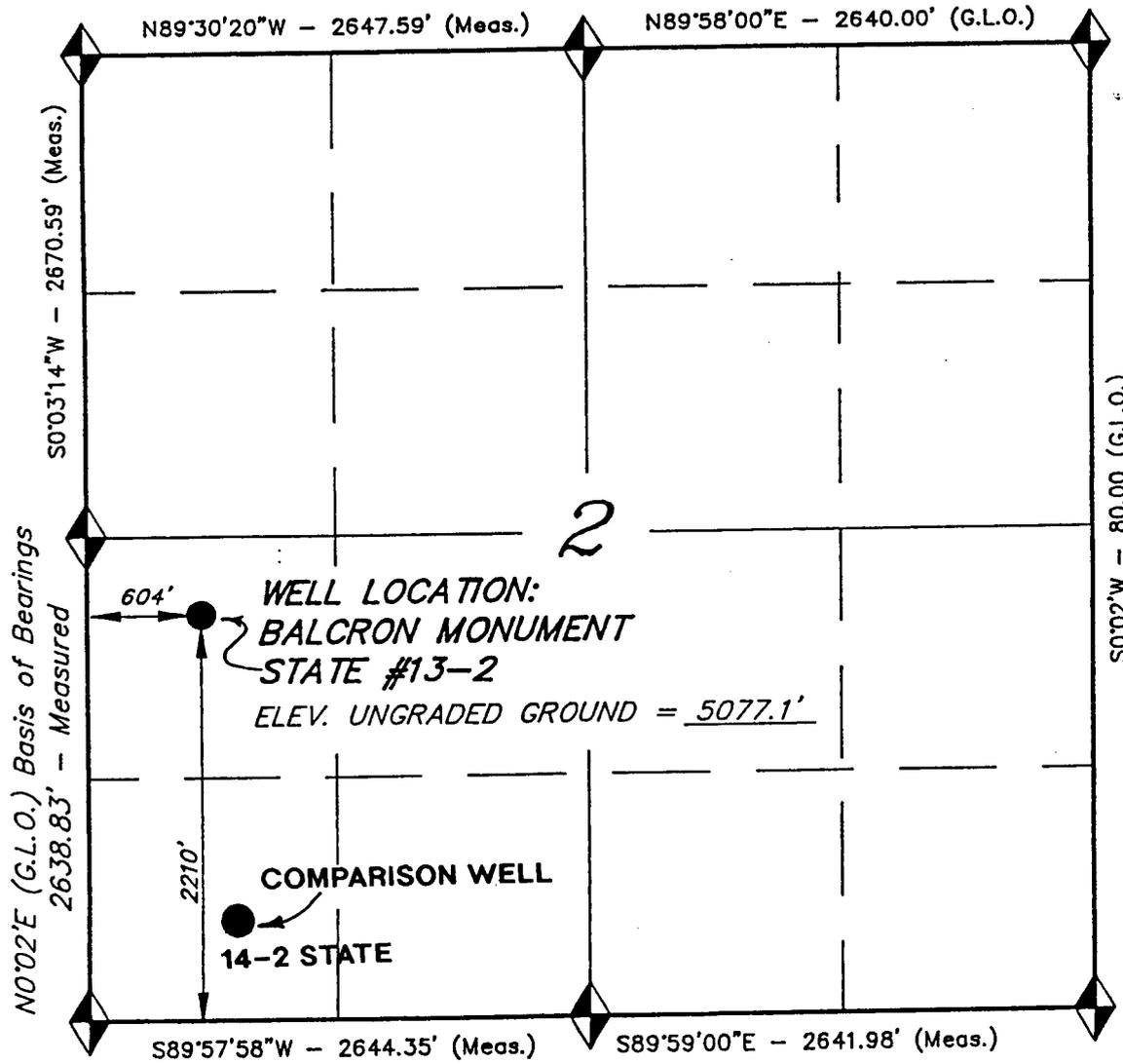
AIPG

AAPG

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT STATE #13-2, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF A REAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. R/S No. 189377

Stacy W. Stewart
STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY G.S. S.S.
DATE: 11-21-94	WEATHER: COOL
NOTES:	FILE #13-2

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

FRANK A. RADELLA, INC.
Oil & Gas Exploration & Consulting
1601 Lewis, Billings, MT 59102
406-245-5375

OPERATOR: Balcron Oil, Inc.

WELL NAME: Monument Butte State 13-2

LOCATION: NW SW Sec 2(2210' FSL x 604' FWL)
T9S-R17E

COUNTY: Duchesne

STATE: Utah

ELEVATIONS: GL 5077', KB 5086'

SPUD DATE: 2-12-95 @ 5:00 AM

OUT FROM UNDER SURFACE CASING: 2-13-95 @ 2:30 PM

REACHED T.D.: 2-20-95 @ 3:00 AM

RIG RELEASE: 2-24-95 @ 2:00 PM

DAYS SPUD THROUGH LOGGING 12 TO RIG RELEASE: 13

TOTAL DEPTH: 5850' Driller, 5828' Logger (22' fill by drill time)

HOLE SIZE: 12 1/4" 0-291', 7 7/8" 291-5850'

STATUS: To complete as an oil well

PENETRATION: 354' below Carbonate Marker

GEOLOGIST: Frank A. Radella, Consulting Geologist

DRILLING ENGINEER: Al Plunkett - Consultant

LOGGING PROGRAM: Halliburton Vernal Unit #52546
K. Evatt - Engineer
Dual Laterolog 269-5780'
Spectral Den Dual Spaced Neutron Log 3700- 5780'

LOST CIRCULATION OR DRILLING PROBLEMS: 1) Got stuck @5510' tripping out for logs, got loose, then got stuck @1335'. Backed off, fished. See Drilling History for details.

DRILL TIME LOG:

2" = 100' 1400 - 4000'
5" = 100' 4000 - 5850'

SAMPLE DISPOSAL:

Dry Cut to Utah Geological Survey Sample Library
4060 South 500 West #4
Salt Lake City, Utah

MUD LOGGING EQUIPMENT:

Northwest Well Logging Service
Larry Vodall, Ray Schmoldt - Loggers
Hot Wire and Chromatograph Instruments

CORES:

None

DST's

None

SURFACE CASING:

8 5/8" set @ 270' RKB w/160 sx.
See page 9 for details.

PRODUCTION CASING:

5 1/2" set @ 5799' w/623 sx.
See page 10 for details.

Balcron Oil, Inc.
 Monument Butte State 13-2
 NW SW Sec 2-T9S-R17E
 Duchesne County, Utah

KB 5086'

<u>Dual Laterolog Tops</u>	<u>Depth</u>	<u>Datum</u>	<u>Compared to 14-2</u>
Uintah	Surface		
Green River	1456	(+3630)	57' Low
Horsebench Sandstone	2336	(+2750)	63' Low
2nd Garden Gulch	3888	(+1198)	73' Low
Y-2 Sandstone Pay	4162	(+924)	55' Low
Yellow Marker	4496	(+590)	74' Low
Y-6 Sandstone	4554	(+536)	NC
Douglas Creek	4659	(+427)	76' Low
R-2 Sandstone	4731	(+355)	NC
R-5 Sandstone Pay	4855	(+231)	84' Low
2nd Douglas Creek	4905	(+181)	81' Low
Green Marker	5050	(+36)	87' Low
G-5 Sandstone Pay	5206	(-120)	NC
Black Shale Facies	5376	(-290)	69' Low
Carbonate Marker	5496	(-410)	79' Low
B-1 Sandstone Pay	5525	(-439)	73' Low
B-2 Sandstone	5588	(-502)	83' Low
B-3 Sandstone	5654	(-569)	NC

T.D. Driller
T.D. Logger

5850'
5828' (22' Fill @ bottom of hole)

NC - No Comparison

Comparison Well: Balcron Oil
 BMS 14-2
 SW SW Sec 2-T9S-R17E
 (directly south 40 acre offset)

MUD LOG SHOWS AND POTENTIAL PRODUCTION ZONES

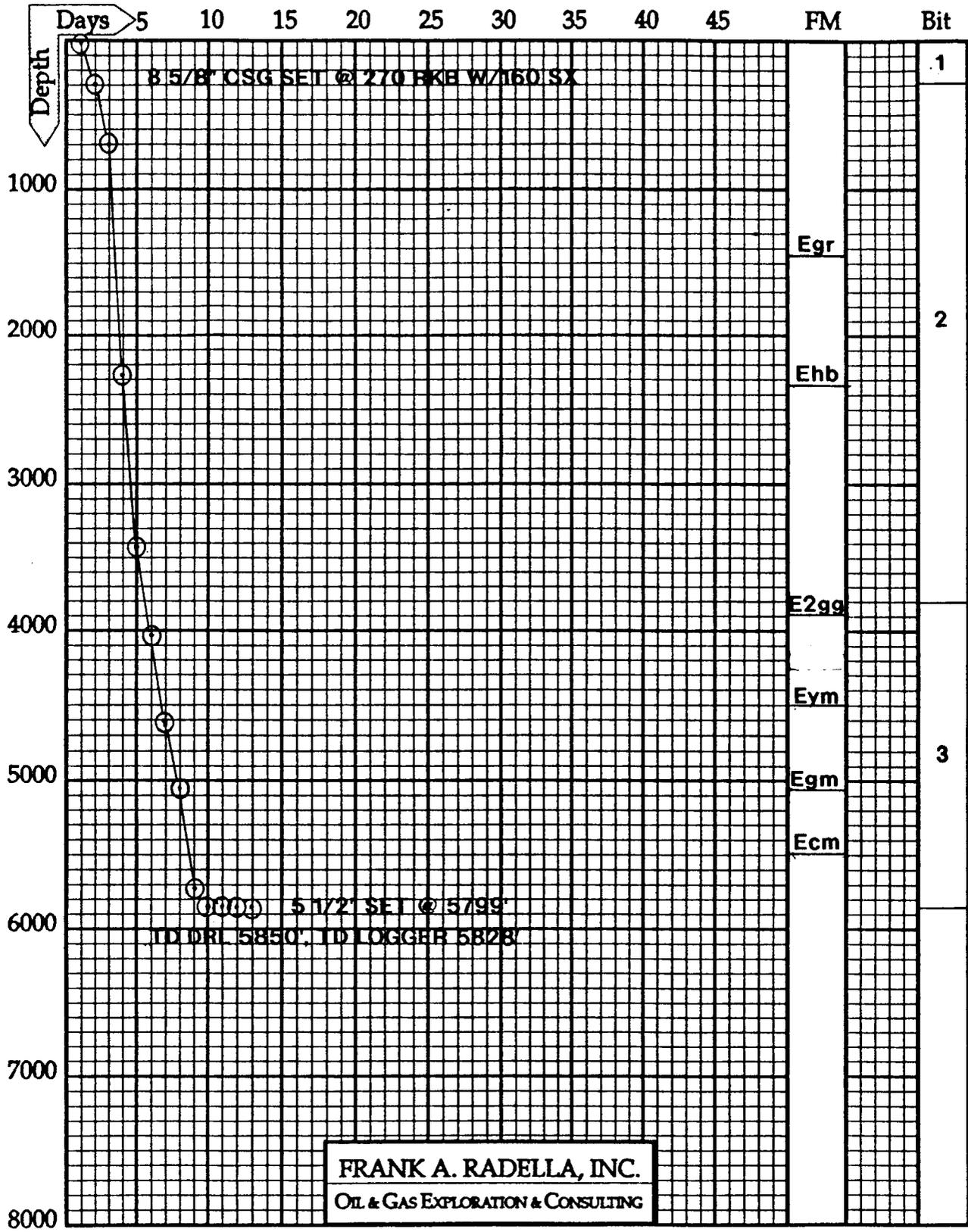
Balcron Oil
Monument Butte State 13-2
NW SW Sec 2-T9S-R17E
Duchesne County, Utah

Zone	Depth *	Drill Rate mpf			Total Gas			Chromatograph %				Lithology	Potential Production
		Before	During	After	Before	Peak	After	C ₁	C ₂	C ₃	C ₄		
	3946-3950	2	1 1/2	2	10	30	6	.3	.1	.05	.05	S.S. - tan, poor vis por, spty oil stain, inst gd cut	Fair
Y-2 Sandstone	4164-4186	2	1-1 3/4	3	6	280	8	2.3	1.2	.6	.4	S.S. - brn, poor vis por, f-gd oil sat, inst gd strm cut	Good
Y-6 Sandstone	4554-4564	2.2	2	2.2	16	120	16	.95	3	.2	.2	S.S. - m brn, poor vis por, f-gd oil sat, gd inst strm cut	Fair-Good
R-2 Sandstone	4731-4750	2 1/2	2 1/2	2 1/2	10	10	10	-	-	-	-	S.S. - tan, , white, v light oil stain	Poor
R-5 Sandstone	4860-4872	2	1	3	8	255	30	2.2	1.5	.6	.6	S.S. - m brn, fai, vis por gd oil sat, inst gd strm cut, tr bleeding oil	Good
G-5 Sandstone	5212-5216	3	2-2 1/2	3	20	100	20	.7	.1	.1	.1	S.S. - m brn, lt gry, poor show	Poor
B-1 Sandstone	5526-5552	3	1 1/4 - 1 1/2	3	30	300	50	2.6	.8	.6	.7	S.S. - tan, spty oil stn, poor samp	Good
B-2 Sandstone	5588-5594	3	1 3/4 - 2	3	40	260	60	2	3	.2	.15	S.S. - tan, wh, spty oil stn, fair strm cut	Fair-Good
B-3 Sandstone	5656-5668	2 1/2	1 1/4 - 1 1/2	2 1/2	50	260	50	2	.6	.5	.35	S.S. - wk strm cut, poor samples	Fair-Good

PENETRATION CHART

BALCRON OIL STATE 13-2

Total Days 13 Logs 2
 Total Bits 3 Rotating Hours 124 3/4



Drilling Fluid Data

Balcron Oil, Inc.
Monument Butte State 13-2
NW SW Sec 2-T9S-R17E
Duchesne County, Utah

<u>Date</u>	<u>Depth</u>	<u>Wt</u>	<u>Vis</u>	<u>Ph</u>	<u>Chl</u>	<u>KCL%</u>	<u>Daily Cost</u>	<u>Cum Cost</u>
2-14-95	1250	8.4	26	10	8400	1.6	\$ 100	\$ 100
2-15-95	2713	8.4	26	10	8400	1.7	150	250
2-16-95	3802	8.4	26	10	8400	1.7	150	400
2-17-95	4216	8.4	26	10	14000	2.9	150	550
2-18-95	4772	8.5	26	10	14000	2.9	150	700
2-19-95	5322	8.5	26	10	13500	2.6	100	800
2-20-95	5850	8.5	26	10	14400	2.7	150	950
2-23-95	5850						150	1100
2-24-95	5850						<u>100</u>	<u>1200</u>
Field Total								\$ 1200

Balcron Oil, Inc.
Monument Butte State 13-2
NW SW Sec 2-T9S-R17E
Duchesne County, Utah

Drilling History

Data compiled from the tower sheets and the records of Al Plunkett, Drilling Consultant. The depth reported is at midnight. The activity of the calendar date is followed by the daily footage, daily hours drilled and cumulative rotating hours.

<u>Day</u>	<u>Date</u>	<u>Depth and activity at report time.</u>
1.	2-12-95	<u>Depth 0; Rigging Up:</u> Drill and set conductor pipe, Drill rat hole. Spud 12 14/" surface hole @ 3:00 PM. 2-12-95. Drilled to 291'. Drilled 291' in 5 RH. Cum RH 5.
2.	2-13-95	<u>Depth 291'; Circulating Hole:</u> Trip out to run casing, Nipple down, Ran 6 Jts (260') of 8 5/8" 24#/ft J55 casing @270' RKB, Cemented by Western with 160 sx class "G" with 2% CaCl + 1/4# Cello Seal/sk, plug down @ 12:30 AM. Wait on cement. cut off casing, weld on head, Nipple up, pressure test, trip in and blow hole with air, Drill cement, Drill out from under surface casing @ 2:30 PM on 2-13-95 with 7 7/8" bit, drilling with air. Drilled to 692'. Drilled 401' in 7 RH, Cum RH 12.
3.	2-14-95	<u>Depth 692'; Drilling:</u> Drill, check rams. Drilled to 2272'. Drilled 1580' in 23 RH, Cum RH 35.
4.	2-15-95	<u>Depth 2272'; Running wireline survey:</u> Drilled to 3426'. Drilled 1154' in 22 RH, Cum RH 57.
5.	2-16-95	<u>Depth 3436'; Drilling:</u> Drilled to 3802'. Could not unload hole with air, making too much water. Load hole with KCL water, condition hole, Trip out, check pipe rams. Trip in with Bit #3 @ 3802', SLM correct 2' uphole. Drilled to 4017'. Drilled 591' in 16 3/4 RH, Cum RH 73 3/4.
6.	2-17-95	<u>Depth 4017'; Drilling:</u> Drill, check pipe rams, survey. Drilled to 4610'. Drilled 593' in 22 3/4 RH, Cum RH 96 1/2.

7. 2-18-95 Depth 4610'; Drilling:
Drill. Check pipe rams. Drilled to 5140'.
Drilled 530' in 23 RH, Cum RH 96 3/4.
8. 2-19-95 Depth 5140'; Drilling:
Drill, survey, check pipe rams. Drilled to 5721'.
Drilled 581' in 23 RH, Cum RH 119 3/4.
9. 2-20-95 Depth 5721'; Drilling:
Reach T.D. of 5850' @ 3:00 AM on 2-20-95. 1 hr. condition hole, Trip out to 5500' and got stuck @ noon. Work stuck pipe, got loose, trip out, got stuck @ 1425'. Work stuck pipe.
Drilled 129' in 5 RH, Cum RH 124 3/4.
10. 2-21-95 Depth 5850'; Rigging up to run free point:
Free point leaving 3 drill collars, Bit sub and Bit in hole, top of fish @ 1335'. Rig down free point. Trip out, rig up fishing tools. Trip in; 2 1/2 hrs. try to screw into fish, no luck, Trip out, pick up overshot. Slip drill line, trip in, could not screw into fish. Trip out, trip in with knuckle joint sub above overshot. Could not get over fish. Trip out, trip in with cut lip sub 1 Jt drill pipe and bent sub. Screw into fish, jar, could not free fish.
11. 2-22-95 Depth 5850'; Wait on Dialog to freepoint:
Rig up, trip in with freepoint, back off leaving 1 Jt drill pipe plus 3 drill collars, Bit sub and Bit in hole. Top of fish @ +/-1285'. Trip in with wash pipe, wash over pipe and collars and freed the fish, assume fish went to bottom. Trip out with washover pipe, trip in with 7 7/8" Bit to 1500'. Trip out with bit. Trip in with cut lip sub.
12. 2-23-95 Depth 5850'; Condition hole:
Screw into fish, trip out, trip in, condition hole, trip out for logs. Commence logging @ 5:00 PM, Rig down @ 9:45 PM, 4 3/4 hrs; Driller's T.D. 5850, Logger's T.D. 5828' = 22' of fill on bottom. Trip in hole to lay down pipe.
13. 2-24-95 Depth 5850'; Tripping in with Pipe and Collars:
Ran 129 Jts (5790.40') 5 1/2" 15.50#/ft J55 casing set @ 5799'. Cemented with a lead of 283 sx of 50-50 Pozmix plus additives, followed with 340 sx lite plus additives. Plug down @ 10:00 AM.
Rig Release @ 2:00 PM on 2-24-95

Balcron Oil, Inc.
Monument Butte State 13-2
NW SW Sec 2-T9S-R17E
Duchesne County, Utah

Sample Descriptions
by
Frank A. Radella

Samples run wet and dry at the wellsite. Cutting agent used was trichlorothene. Geologist on location from 1400' to T.D. and for logs. Descriptions are corrected to Dual Laterolog depths. Log tops are noted below. Drill cuttings are extremely fine, quality was very good to 5500'. The samples contained mostly uphole caveings below 5500' to T.D.

A two man mud logging unit (Northwest Well Logging Service) with hot wire and chromatograph was utilized from 1400' to T.D. Lagged samples were caught by the Mud Loggers. The drill fluid was air and mist to 3802'. KCL water was used from 3802 to T.D. of 5850'. The Driller's T.D. is 5850' and the Logger's T.D. is 5828'. Drill time to logger's depth comparison indicates 22' of fill.

Sand Grain Size Parameters

Silt	.004 - .062 mm
Very fine grained	.062 - .125 mm
Fine grained	.125 - .250 mm
Medium grained	.250 - .50mm
Coarse grained	.50+ mm

Sample Program

1400 - 3800'	50' samples
3800 - 5850'	30' samples
Selected Intervals	10' samples

1400 - 1450	Sandstone: white, very fine grained, trace salt and pepper, silty, white dolomitic cement, pyritic, no visible porosity, moderate amount loose grains, <u>few blobs of free oil on cuttings, weak milky cut, poor show.</u>
1450 - 1500	Sandstone: as above; Sandstone: light gray, very fine to fine grained, silty, slightly argillaceous; Siltstone: tan, <u>spotty oil stain, very weak milky cut, poor show.</u>
1500 - 1600	Shale: orange tan, slightly to moderately calcareous, <u>pale gold fluorescence, weak slow milky cut;</u> with Siltstone and Sandstone: as above.

- 1600 - 1750 Shale: orange tan, oil shale, as above.
- 1750 - 2050 Shale: richer orange tan, waxy, oil shale.
- 2050 - 2250 Shale: orange tan to medium brown, dolomitic, waxy, oil shale; trace Pyrite.
- 2250 - 2300 Shale: as above; trace of Sandstone: white, very fine grained, no porosity, no show.

HORSEBENCH SANDSTONE 2336' (+2750')

- 2300 - 2400 Sandstone: white, light tan, very fine grained, calcareous cement, no visible porosity, moderately friable, spotty brown oil stain, fair streamer cut, abundant loose quartz grains.
- 2400 - 2450 Shale: light brown, silty, trace sandy, dolomitic, platy; loose Quartz grains: as above.
- 2450 - 2500 Shale: dark gray brown, sub blocky, oil shale, slow weak streamer cut.
- 2500 - 2550 Shale: as above; moderate amount loose Quartz grains: fair to medium, sub angular, clear quartz; Pyrite.
- 2550 - 2650 Shale: dark brown to dark gray-brown, as above; Pyrite.
- 2650 - 2750 Shale: orange brown, dark brown, trace black wavy banding, oil shale.
- 2750 - 2800 Shale: medium to dark brown, dolomitic, trace pyritic, few blobs of dark brown black oil on cuttings; trace of Sandstone: white, very fine to fine grained, angular to sub angular, trace weak stain, poor cut.
- 2800 - 2900 Shale: gray tan, silty; Shale: brown, as above; loose Quartz grains: clear to opaque, fine to medium, sub angular, few tight clusters with no visible porosity, no show.
- 2900 - 2950 Shale: orange brown to dark brown, oil shale: Sandstone: white, very fine to fine grained, tight, dolomitic cement, no porosity, no show.
- 2950 - 3000 Loose Quartz grains: clear to opaque, angular to sub angular, few tight clusters, beach sand appearance, slight milky cut, may be flushed; Shale: light gray, silty, pyritic, platy.
- 3000 - 3050 Loose Quartz grains: as above, tan, cast, slight milky cut, may be flushed; Shale: orange tan, oil shale.
- 3050 - 3150 Shale: orange tan, medium brown; Shale: gray, tan.
- 3150 - 3250 Loose Quartz grains: clear to opaque, very fine to fine grained, angular to sub angular; trace of Sandstone: clusters, very fine to fine grained, pyritic, platy, calcareous cement, no visible stain, very weak milky cut, poor show, may be flushed.

- 3250 - 3300 Shale: light orange tan, dolomitic, oil shale: trace of loose Sand: as above.
- 3300 - 3350 Shale: as above; trace of Shale: light gray; trace of Sandstone: white, very fine grained, well cemented, no porosity, no show.
- 3350 - 3400 Shale: light gray, gray tan; trace of Sandstone: white, very fine to fine grained, angular to sub angular, few tight clusters, mostly loose grains.
- 3400 - 3410 Sandstone: white, light tan, very fine to fine grained, angular to sub angular, clear to opaque quartz, few gray grains, clusters are well cemented, slightly calcareous, trace pyritic, no visible porosity, trace spotty brown oil stain, poor show.
- 3410 - 3450 Shale: dark gray brown, light gray, orange tan.
- 3450 - 3500 Limestone: cream, microcrystalline, blocky, no porosity, no show; Shale: as above.
- 3500 - 3550 Sandstone: white to light gray, very fine grained, trace salt and pepper, rare green grain, dolomitic cement, no visible porosity, trace of spotty dark brown oil stain with slow weak blossom cut, poor show.
- 3550 - 3600 Shale: light gray, silty, no fluorescence, no cut.
- 3600 - 3700 Shale: light gray; trace of Shale: gray tan, light brown.
- 3700 - 3800 Shale: light to medium brown, slightly calcareous, platy, oil shale.

Converted to KCL Water Drilling Fluid @ 3802'.

- 3800 - 3850 Shale: light gray, trace silty; trace of Sandstone: white, very fine grained, trace spotty oil stain, no visible porosity.
- 3850 - 3900 Limestone: white, cream, microcrystalline, blocky; Shale: orange tan, light green gray.

2nd GARDEN GULCH 3888' (+1198')

- 3900 - 3955 Shale: tan, pale green gray; trace of Limestone: as above.
- 3955 - 3960 Sandstone: tan, speckled black with oil, very fine grained, angular to sub angular, slightly calcareous cement, poor visible porosity, moderately friable, spotty black oil stain wet, medium brown when dry, medium bright overall fluorescence, instant good streamer cut.
- 3960 - 4000 Limestone: cream, micritic to microcrystalline, no porosity, platy, pale gold mineral fluorescence, no show; Shale: light gray; trace of Sandstone: white, very fine grained, white calcareous cement, no porosity, no show.
- 4000 - 4100 Limestone: cream, as above; Shale: light gray, light tan; trace of Sandstone: light gray, very fine grained, argillaceous, no porosity, no show, platy.

- 4100 - 4150 trace of Shale: pale green, trace silty and very fine sandy, trace pyritic, dolomitic, platy; Shale: tan and light gray.
- 4150 - 4166 Shale: pale green to green gray, as above; Shale: tan to medium brown; trace of Sandstone: light gray, very fine grained, argillaceous, well cemented, no porosity, no show.

Y-2 SANDSTONE 4162' (+924')

- 4166 - 4180 Sandstone: brown, very fine grained, few black grains, well sorted, dolomitic cement, poor visible porosity, moderately friable, fair to good oil saturation, pale green gold fluorescence, instant good streamer cut, good show, scattered blobs of oil on chips. Shale: orange tan, dolomitic, bleeding oil in few chips, oil shale.
- 4180 - 4210 Shale: light gray, gray tan; Sandstone: light gray to tan, very fine grained, well cemented, trace with spotty to good oil stain, tight.
- 4210 - 4240 Shale: light gray, trace silty, platy, no show; trace of Sandstone: light gray, very fine grained, argillaceous, platy; Shale: medium brown.
- 4240 - 4330 Interbedded Shale: gray; Shale: medium orange brown; and Siltstone: light gray, argillaceous, platy; with trace of Sandstone: white to light gray, tight, no show.
- 4330 - 4360 Increase in Shale: orange brown, few white crystalline calcite inclusions; trace of Shale: dark brown.
- 4360 - 4390 Shale: dark brown, platy, instant fair streamer cut, oil shale.
- 4390 - 4420 trace of Limestone: cream, micritic, blocky; Shale: orange brown to brown, dolomitic, platy, oil shale; trace of Sandstone: white, very fine grained, sub angular, argillaceous in part, few gray grains, trace spotty oil stain, poor cut, no porosity.
- 4420 - 4450 Limestone: cream, micritic, blocky to platy, pale mineral fluorescence, no porosity, no show; Shale: orange brown, tan, light gray.
- 4450 - 4490 Shale: as above; trace of Sandstone: light gray, light green, very fine to fine grained, poor sorting, trace salt and pepper, no porosity, no show; trace Shale: dark brown, few chips bleeding oil.

YELLOW MARKER 4496' (+590')

- 4490 - 4500 Shale: orange brown, light gray; trace of Limestone: cream; trace of Sandstone: white, pale green.
- 4500 - 4530 Shale: as above; Shale: orange brown with abundant coarse white calcite crystal inclusions, platy, oil shale; trace of Shale: black, bleeding oil; trace of Limestone: cream.

4530 -4550 as above; trace of Sandstone: white, very fine grained, occasional green and orange grains, pyritic, no porosity, no show.

Y-6 SANDSTONE 4554' (+536')

4550 4560 Sandstone: medium brown, very fine grained, angular to sub angular, few black grains, well sorted, dolomitic cement, poor visible porosity, fair to good oil saturation, bleeding oil from 5 % of chips, pale green gold fluorescence, good instant streamer cut, good show in poor apparent reservoir.

4560 - 4600 trace of Sandstone: white, very fine grained, white, well cemented, no porosity, platy; Shale: orange brown to medium brown, dolomitic, waxy, oil shale; trace of Limestone: cream, micritic, platy.

4600 - 4630 Shale: light gray, dolomitic, trace silty, no cut.

4630 - 4660 Shale: medium to dark brown, oil shale; Shale: light gray to light green gray, platy, as above.

DOUGLAS CREEK 4659' (+427')

4660 - 4720 Siltstone: light gray, argillaceous, dolomitic, platy, no show; trace of Sandstone: white, very fine to fine grained, poorly sorted, tight; trace of Shale: brown, as above.

4720 - 4740 Shale: light gray, trace silty, platy; Shale: medium orange brown, oil shale.

R-2 SANDSTONE 4731' (+355')

4740 - 4750 Sandstone: tan to white, very fine to fine grained, trace black grains, poor sorting, well cemented with lime, no visible porosity, tan, light oil stain, pale green gold fluorescence, slow weak steamer cut, poor show.

4750 - 4790 Shale: medium orange brown, dark brown, dolomitic, oil shale; Shale: light gray, trace silty, dolomitic, no show; Sandstone: white to light gray, trace black grains, angular to sub angular, poorly sorted, argillaceous in part, well cemented, platy, no porosity, no show.

4790 - 4800 Shale: as above; Sandstone: as above, pyritic, no porosity, no show; trace of Sandstone: light tan, very fine grained, no visible porosity, trace spotty oil stain, poor show.

4800 - 4860 Shale: brown, gray, as above; Sandstone: light gray, argillaceous, very fine grained to fine, poorly sorted, salt and pepper, no porosity, no show.

R-5 SANDSTONE 4855' (+231')

4860 - 4870 Sandstone: medium brown, very fine to fine grained, well sorted, trace black and gray grains, angular to sub angular, dolomitic cement, moderately friable, poor to trace fair porosity, good oil saturation, pale green-gold fluorescence, instant good streamer cut, few chips bleeding oil, good show.

2nd DOUGLAS CREEK 4905' (+181')

- 4870 - 4960 Shale: orange brown, tan, trace gray; trace of Sandstone: light gray, very fine to fine, argillaceous, platy, no porosity, no show.
- 4960 - 5020 Shale: orange-brown, medium brown, waxy, oil shale; trace of Limestone: cream, micritic; trace of Sandstone: white, very fine grained, trace orange and gray grains, well cemented, no porosity, no show.
- 5020 - 5050 Shale: dark brown-black, oil shale; Shale: orange brown; and trace of Sandstone: white, as above.

GREEN MARKER 5050' (+36')

- 5050 - 5110 Shale: orange brown, trace brown-black, oil shale; trace Shale: light gray, platy; trace of Sandstone: white, light gray, very fine grained, argillaceous, silty, no porosity, no show.
- 5110 - 5140 trace of Sandstone: light gray to medium brown, very fine grained, angular to sub angular, good sorting, well cemented, slightly calcareous, no visible porosity, spotty to fair oil stain, instant weak streamer cut, pale green gold fluorescence, poor show; Shale: as above.
- 5140 - 5170 Shale: medium orange brown, trace dark brown and light gray; trace of Limestone: cream, micritic, platy; trace of Sandstone: white, very fine grained, no porosity, trace spotty oil stain, poor show.
- 5170 - 5205 Shale: light gray, no calcareous, platy; trace Shale: orange brown.

G-5 SANDSTONE 5206' (-120')

- 5205 - 5220 trace Sandstone: medium brown, very fine to fine grained, silty, angular to sub angular, poorly sorted, calcareous, well cemented, trace of oil stain in most part with few chips with good oil stain, with no fluorescence, good streamer cut in stained chips, overall poor show in poor reservoir.
- 5220 - 5230 Shale: orange brown, medium brown, trace gray.
- 5230 - 5260 Shale: brown-black, platy oil shale; Shale: brown and gray, as above.
- 5260 - 5290 Shale: orange brown to medium brown; trace of Limestone: white, micritic, platy.
- 5290 - 5320 Shale: medium brown, orange brown, light gray; trace of Sandstone: white, very fine grained, no porosity, no show; trace of Limestone: cream, micritic, blocky.

BLACK SHALE FACIES 5376' (-290')

- 5320 - 5440 Shale: brown-black to black, sub blocky, oil shale.

5440 - 5500 Shale: light to medium brown, dolomitic, platy, oil shale; trace Shale: light gray, medium cut; trace of Limestone: white, micritic, platy; trace of Shale: black, as above.

CARBONATE MARKER 5496' (-410')

5500 - 5525 Shale: medium brown, dolomitic, oil shale; trace of Limestone: white, micritic; trace of Sandstone: white, light gray, very fine grained, white cement, no porosity, no show.

B-1 SANDSTONE 5525' (-439')

5525 - 5540 2% Sandstone: white to light tan, very fine grained, sub angular, no visible porosity, spotty oil stain, pale overall green gold fluorescence, weak streamer cut, poor show; Shale: medium brown, as above; trace of Limestone: white, chalky.

5540 - 5550 1% Sandstone: white, trace tan, very fine grained, few tight clusters with spotty oil stain, even green gold fluorescence, fair instant steamer cut, better than above, fair show.

5550 - 5590 Shale: medium brown, orange tan, light gray; trace of Limestone: cream, micritic; 1% Sandstone: as above.

B-2 SANDSTONE 5588' (-502')

5590 - 5600 1% Sandstone: tan to white, very fine grained, no visible porosity, spotty oil stain, fair show, as above, caveings?; Shale: tan, orange tan, dolomitic, oil shale.

5600 - 5610 Shale: black, very carbonaceous, oil shale.

5610 - 5620 Shale: light to medium orange brown, dolomitic, platy, oil shale; trace of Limestone: cream, micritic, platy; trace of Sandstone: white, light gray, very fine grained, trace salt and pepper, well cemented, no porosity, no show.

5620 - 5655 Shale: as above; trace of Gilsonite: black, brittle; 3 chips of Sandstone: white, very fine to fine grained, few black grains, angular to sub angular, no visible porosity, spotty oil stain, no fluorescence, slow fair streamer cut.

B-3 SANDSTONE 5654' (-569')

5655 - 5670 1% Sandstone: white, light tan, very fine grained, slightly calcareous cement, no visible porosity, moderately friable, medium green gold fluorescence, instant weak streamer cut, poor show, samples very poor; mostly Shale: medium to light brown.

5670 - 5700 Shale: as above; trace of Shale: light gray, silty, platy; trace of Sandstone: white, very fine grained, well cemented, no porosity, no show.

5780 - 5800 Shale: dark brown-black to black, carbonaceous, few ostracods, platy, oil shale; Shale: as above.

5800 - 5830

Shale: light gray, light green gray; Shale: brown, as above; trace of Shale: black; trace of Sandstone, white, few black, orange and green grains, very fine to fine grained, well sorted, slightly dolomitic cement, very friable, fair porosity, spotty oil stain, medium bright fluorescence, fair instant streamer cut.

5800 - 5830

Shale: light gray, light green gray; Shale: medium orange brown.

5830 - 5850

Shale: light gray, green gray and orange brown, as above.

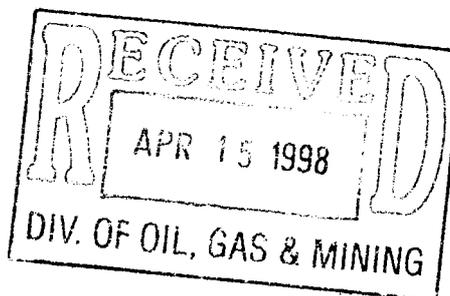
5850' Driller T.D.

5828' Logger T.D. (22' Fill)



April 13, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801



RE: Mechanical Integrity Test
Balcron Monument State #13-2
NWSW Sec 2-T9S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, for work performed on the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie Knight

Debbie E. Knight
Permitting Specialist

cc: Mr. Edwin Forsman, BLM

801 789 1877

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0111
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

3. Lease Designation and Serial No.

ML-45555

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well

Oil Well Gas Well Other WIW

8. Well Name and No.

Bal. Mon State #13-2

2. Name of Operator

Inland Production Company 303-292-0900

9. API Well No.

43-013-31482

3. Address and Telephone No.

410 17th Street, Suite 700, Denver, CO 80202

10. Field and Pool, or Reservoir Area

Monument Butte

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

NW/SW Section 2-T9S-R17E

11. County or Parish, State

2210' FSL and 604' FWL

Duchesne, Utah

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
- Resumption
- 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 or Completion or Resumption Report and Log to

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

The above referenced well was converted from a producer to an injector on 4-1-98, and a mechanical integrity test was performed. Please refer to the following attachments:

1. Daily Workover Report
2. Step Rate Record
3. Copy of Chart

The following agencies were notified, but did not witness:

1. John Carson, EPA
2. Dan Jarvis, DOGM

WTC
4-29-98
WTC

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

Signed Debbie Knight

Title Permitting Specialist

Date 4-13-98

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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

*See Instruction on Reverse Side

Received Time Mar. 4, 10:28AM



Daily Workover Report

CASTLE DRAW 13-2
NW/SW Section 2, T09S R17E
DUCHESNE Co., Utah
API # 43-013-31482

Spud Date: 2/12/95
TD: 5850'
WO Rig: Flint #1455

3/31/98 PO: Injection Conversion. (Day 1)

Summary: 3/30/98 – TP: 45, CP: 45. MIRUSU. Pump 40 bbls water down casing. Test tubing to 1300 psi. Unseat pump. Flush tubing with 40 bbls water. TOO H w/ rods laying them down, several bad rods from worn pins. NU BOP. Release TA. TOO H w/ tubing breaking every collar and applying liquid "O" ring to every pin. SIFN.

DC: \$2,464 TWC: \$2,464

4/1/98 PO: Injection Conversion. (Day 2)

Summary: 3/31/98 – TP: 0, CP: 0. TIH w/ 5 1/2" Arrow Set 1 packer, SN, 132 jts tbg. RD BOP. Pump 60 bbls fresh water down casing. Add Anhib 2 to water. Pump 60 bbls treated water. Set packer w/ 16000# tension. Pump 35 bbls treated water to test casing to 1000 psi for 30 minutes. RDMOSU.

DC: \$10,745 TWC: \$13,209

STEP RATE RECORD

Mechanical Integrity Test

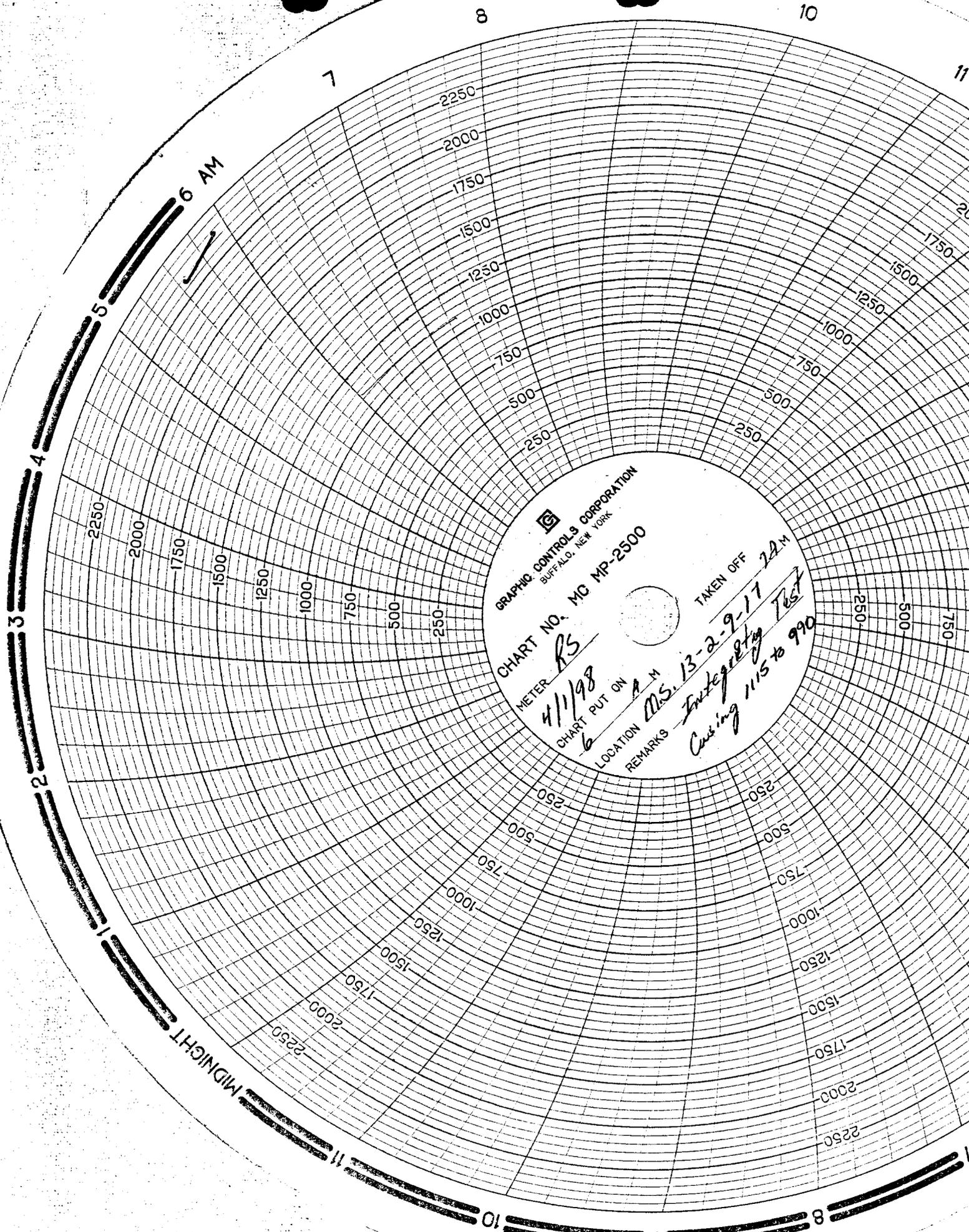
4-1-98

Balcron Monument State 13-2

NW SW Sec 2-T9S-R17E

Duchesne County, Utah

0	Min	1100 psig
5	Min	1100 psig
10	Min	1000 psig
15	Min	1100 psig
20	Min	1100 psig
25	Min	1100 psig
30	Min	1100 psig
35	Min	1100 psig
40	Min	1100 psig
45	Min	1100 psig
50	Min	1100 psig
55	Min	1100 psig
60	Min	1100 psig
65	Min	1100 psig
70	Min	1100 psig
75	Min	1100 psig
80	Min	1100 psig



6 AM

MIDNIGHT

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-2500

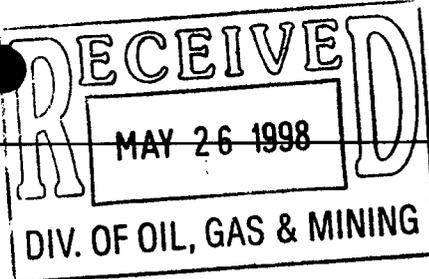
METER *RS*

4/1/98

CHART PUT ON *6*

LOCATION *A M*

TAKEN OFF *22⁰⁰M*
AS. 13-2-9-17
Integrity Test
Casing 115 to 990



May 22, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Date of First Injection
Balcron Monument State #13-2
Section 2-T9S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, for work performed on the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM

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.

ML-45555

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

WIW

8. Well Name and No.

BALCRON MONUMENT STATE 13-2

9. API Well No.

43-013-31482

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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

2210 FSL 0604 FWL NW/SW Section 2, T09S R17E

11. County or Parish, State

DUCHESNE COUNTY, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

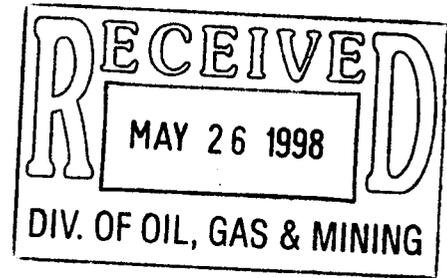
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **First Injection**

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

The date of first injection for the above referenced well is April 30, 1998.



*WTC
1-4-99
RTH*

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

Signed

Debbie Knight

Title

Manager, Regulatory Compliance

Date

5/22/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM



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

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)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

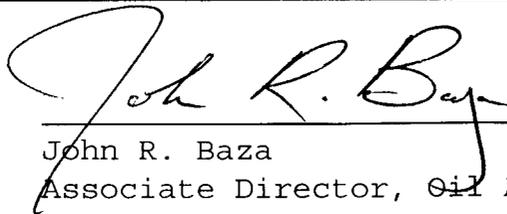
Cause No. UIC-204

Operator: Inland Production Company
Wells: Balcron Monument State 13-2
Location: Section 2, Township 9 South, Range 17 East,
County: Duchesne
API No.: 43-013-31482
Well Type: Enhanced Recovery (waterflood)

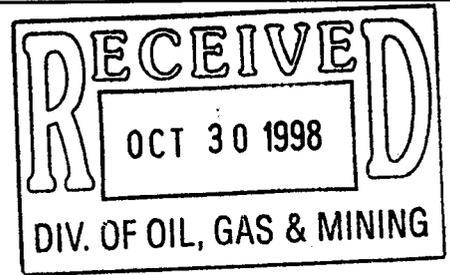
Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on February 2, 1998
2. Maximum Allowable Injection Pressure: 1432 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Douglas Creek Member of the Green River Formation (4166 feet - 4873 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

8/4/98
Date



October 29, 1998

State of Utah
Division of Oil, Gas & Mining
Attn: Carolyn
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Carolyn:

Please find enclosed the Production & Disposition Reports for August 1998. I have changed my computer program so that there will not be wells listed on the reports that haven't gone on production yet. This is one of the items we discussed. The only discrepancies between the models and my reports are wells that have gone on injection. I have looked through our files and it appears that all the paperwork is in order. I have deleted these wells off my reports. They are as follows:

<u>Well Name & Number</u>	<u>Entity #</u>	<u>Date of 1st Injection</u>
Monument Butte #7-26 W W	12187	March 18, 1998 4301331754
Monument Butte #1-26 W W	12187	January 23, 1998 4301331767
Monument State #13-2 W W	12275	April 29, 1998 4301331482 2-95-17E
Monument State #31-2 W W	12275	June 4, 1998 4304732563
Wells Draw #43-5 W W	12276	July 2, 1998 4301330858
Wells Draw #23-34B W W	12276	June 5, 1998 4301331241
Tar Sands #5-30 W W	12308	July 30, 1998 4301331620
Tar Sands #3-28 W W	12391	June 25, 1998 4301331623
Tar Sands #5-28 W W	12391	August 5, 1998 4301331697

Please check your records and let me know if you need any further information for any of these wells. As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me.

Sincerely,
Kebbie S. Jones
Kebbie S. Jones
District Administrator

Enclosures

W/W NGC 12-4G 4301330699 7-2-98
W/W TAR SANDS FED 3-30 4301331755 7-31-98

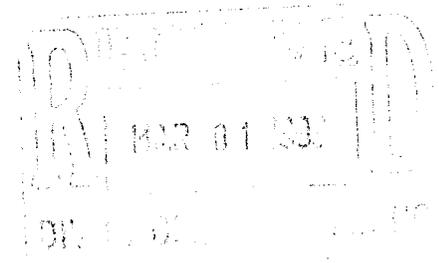
/kj

435 646-3721



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

43-013-31482



February 24, 1999

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Dan:

Please find enclosed a "Sundry Notice and Report on Wells" for the Monument State #13-2. With this sundry notice are the results of a Step Rate Test (SRT) conducted by Inland Production Company on February 4, 1999. Due to the results of this SRT, Inland is requesting approval to increase our Maximum Allowable Injection Pressure to 1760 psi on the Monument State #13-2 in the Castle Draw Unit.

Thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me.

Sincerely,

Brad Mecham
Utah Manager

Enclosures

cc: George Rooney – Jon Holst – Inland Resources
Mike Guinn – Inland Production Company
Roosevelt & Denver Well Files

/kj

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

RECEIVED
MAR 01 1999

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-45555

1. SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

OIL WELL GAS WELL OTHER Water Injection Well

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
ROUTE #3 BOX 3630 MYTON, UTAH 84052
(435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW/SW 2210 FSL 604 FWL

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

7. UNIT AGREEMENT NAME
CASTLE DRAW UNIT

8. FARM OR LEASE NAME
BALCRON MONUMENT STATE

9. WELL NO.
13-2

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/SW SECTION 2, T9S, R17E

14. API NUMBER
43-013-31482

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5077' GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UT

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

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>	(OTHER) CONDUCT STEP RATE TEST	<input checked="" type="checkbox"/>
(OTHER)	<input type="checkbox"/>		<input type="checkbox"/>		

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

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

On February 4, 1999, Inland Production Company conducted a step rate test (SRT) on the Monument State #13-2 in the Castle Draw Unit. Due to the results of this SRT, we are requesting that the Maximum Allowable Injection Pressure be increased to 1760 psi.

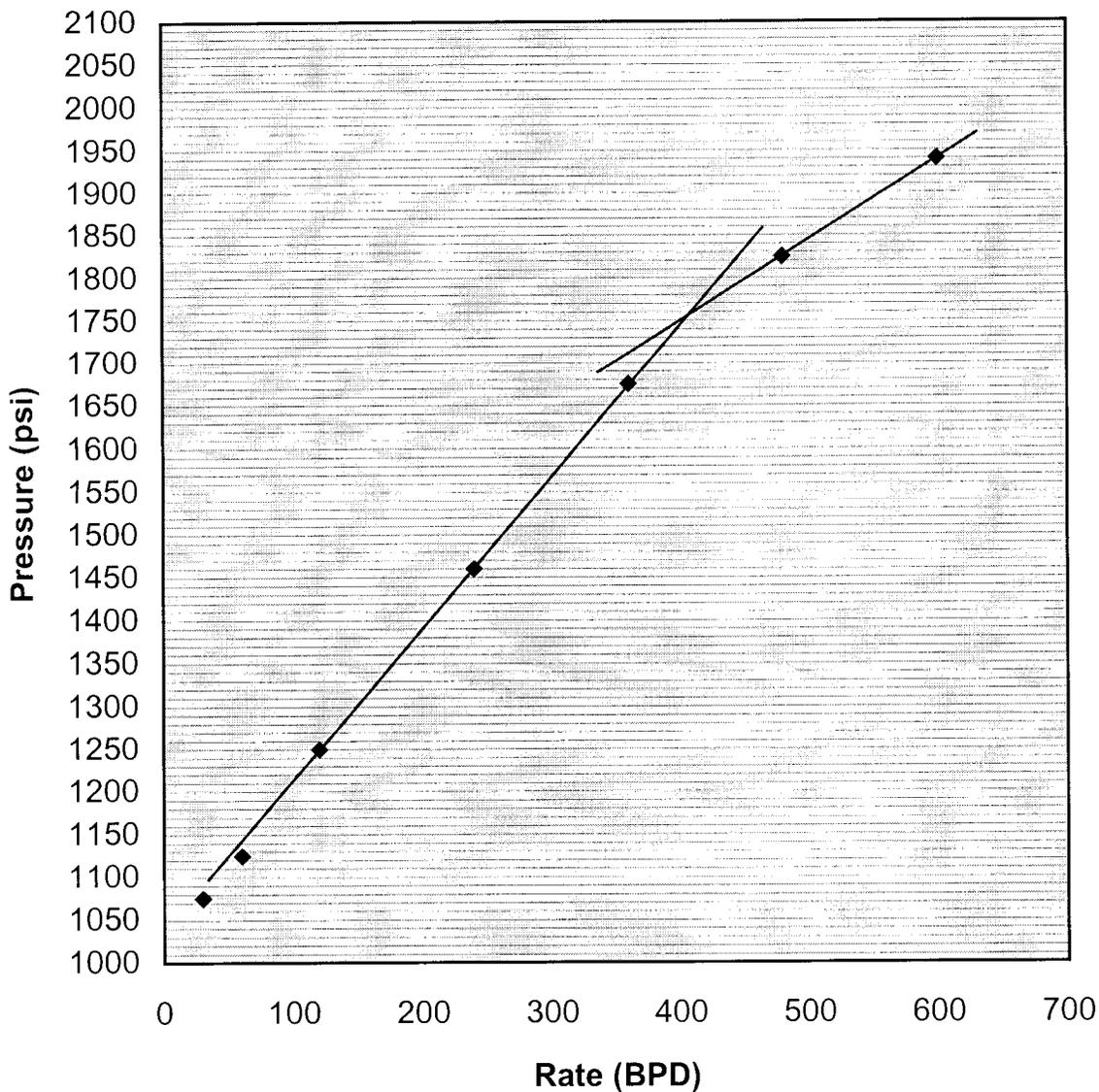
COPY SENT TO OPERATOR
Date
Initials: LEC

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 3-2-99
By: P. Jones
DATE 2/24/99

18 I hereby certify that the foregoing is true and correct
SIGNED Brad Mechan TITLE Utah Manager

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

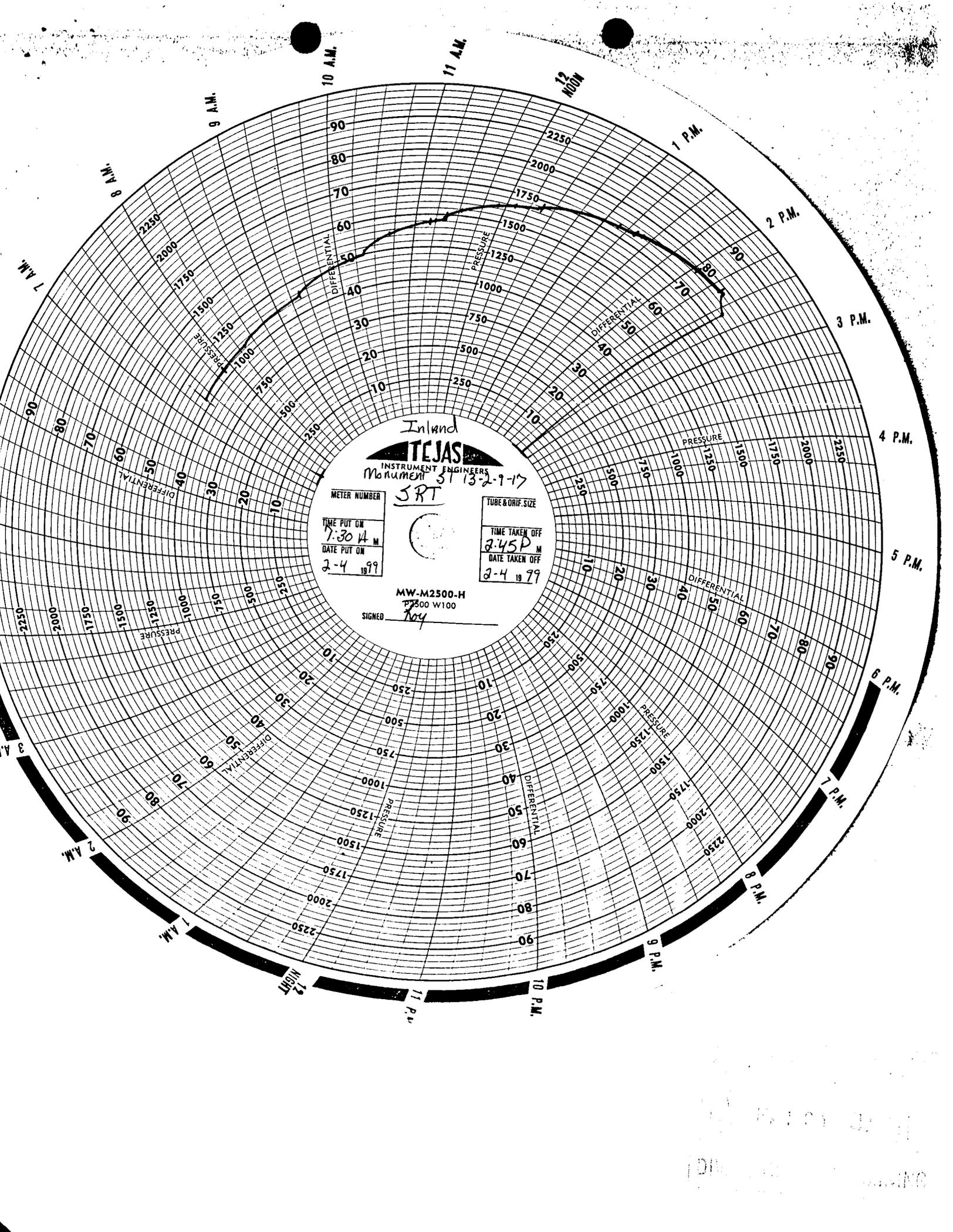
Monument State 13-2
(Castle Draw unit)
Step Rate Test
February 4, 1999



ISIP: 1940

Fracture pressure: 1760 psi

Step	Rate(bpd)	Pressure(psi)
1	30	1075
2	60	1125
3	120	1250
4	240	1460
5	360	1675
6	480	1825
7	600	1940



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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME CASTLE DRAW	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/SW Section 2, T9S R17E 2210 FSL 0604 FWL		8. FARM OR LEASE NAME MON ST 13-2	
14 API NUMBER 43-013-31482		9. WELL NO. MON ST 13-2	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5077 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SW Section 2, T9S R17E	
13. STATE UT			

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (OTHER) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <input checked="" type="checkbox"/> 5 Year MIT

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

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

A 5 Year MIT was conducted on the subject well. On 3/6/03, Mr. Al Craver with the EPA was contacted and gave permission to conduct an MIT on the casing. On 3/10/03, the casing was pressured to 1185 psig and charted for 1/2 hour test with no pressure loss. No governmental agencies were able to witness the test.

RECEIVED
MAR 13 2003
DIV. OF OIL, GAS & MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Martha Hall TITLE Office Manager DATE 3/11/2003

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

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

COPY SENT TO OPERATOR
DATE: 03-12-03
BY: CHD

* See Instructions On Reverse Side

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 03-13-03
By: [Signature]

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 10 / 03
 Test conducted by: BRET HENRIE
 Others present: _____

Well Name: <u>MONUMENT STATE 13-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>CASTLE DRAW UNIT</u>		
Location: <u>NW1SW</u> Sec: <u>2</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>DACAPNE</u>	State: <u>UT</u>
Operator: <u>INLAND</u>		
Last MIT: <u>4 / 1 / 98</u>	Maximum Allowable Pressure: <u>1760</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

RECEIVED
MAR 13 2003

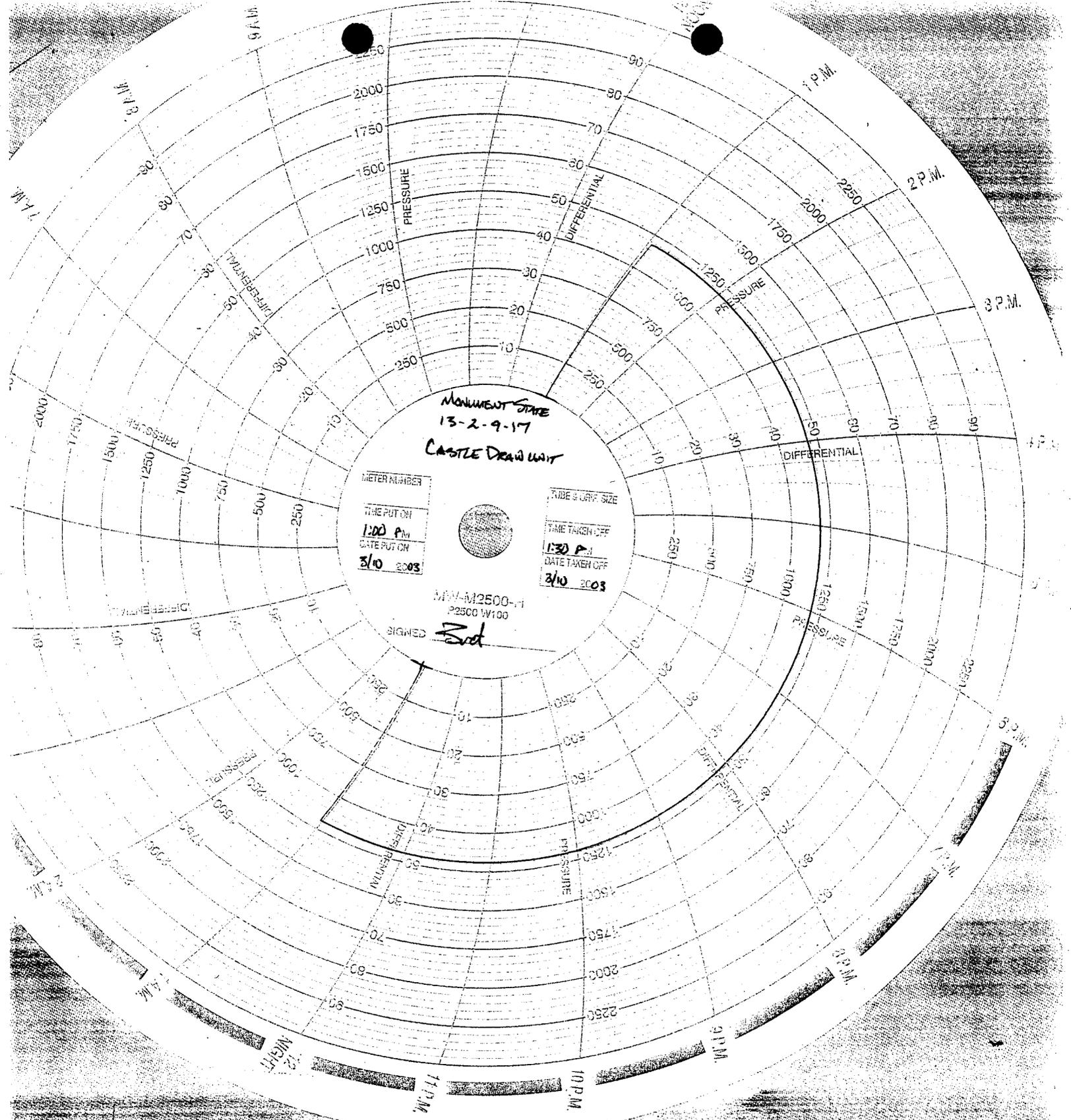
DIV. OF OIL, GAS & MINING

If Yes, rate: 10 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1740 psig	psig	psig
End of test pressure	1740 nsig	nsig	nsig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1185 psig	psig	psig
5 minutes	1185 psig	psig	psig
10 minutes	1185 psig	psig	psig
15 minutes	1185 psig	psig	psig
20 minutes	1185 psig	psig	psig
25 minutes	1185 psig	psig	psig
30 minutes	1185 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



RECEIVED
MAR 13 2003
DIV. OF OIL, GAS & MINING

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well</p> <p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p> <p>3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p> <p>4. LOCATION OF WELL</p> <p>Footages 2210 FSL 604 FWL</p> <p>QQ. SEC. T. R. M NW/SW Section 2, T9S R17E</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. ML-45555</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME CASTLE DRAW</p> <p>8. WELL NAME and NUMBER MON ST 13-2</p> <p>9. API NUMBER 43-013-31482</p> <p>10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE</p> <p>COUNTY DUCHESNE STATE UTAH</p>
--	---

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

<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input type="checkbox"/> OTHER _____</p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER Step Rate Test</p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p>*Must be accompanied by a cement verification report.</p>
---	--

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 depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 10/14/03. Results from the test indicate that the fracture gradient is .922 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 2030 psi.

13. NAME & SIGNATURE: Michael Guinn **TITLE:** Vice President of Operations **DATE:** 10/17/2003

From 1432

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

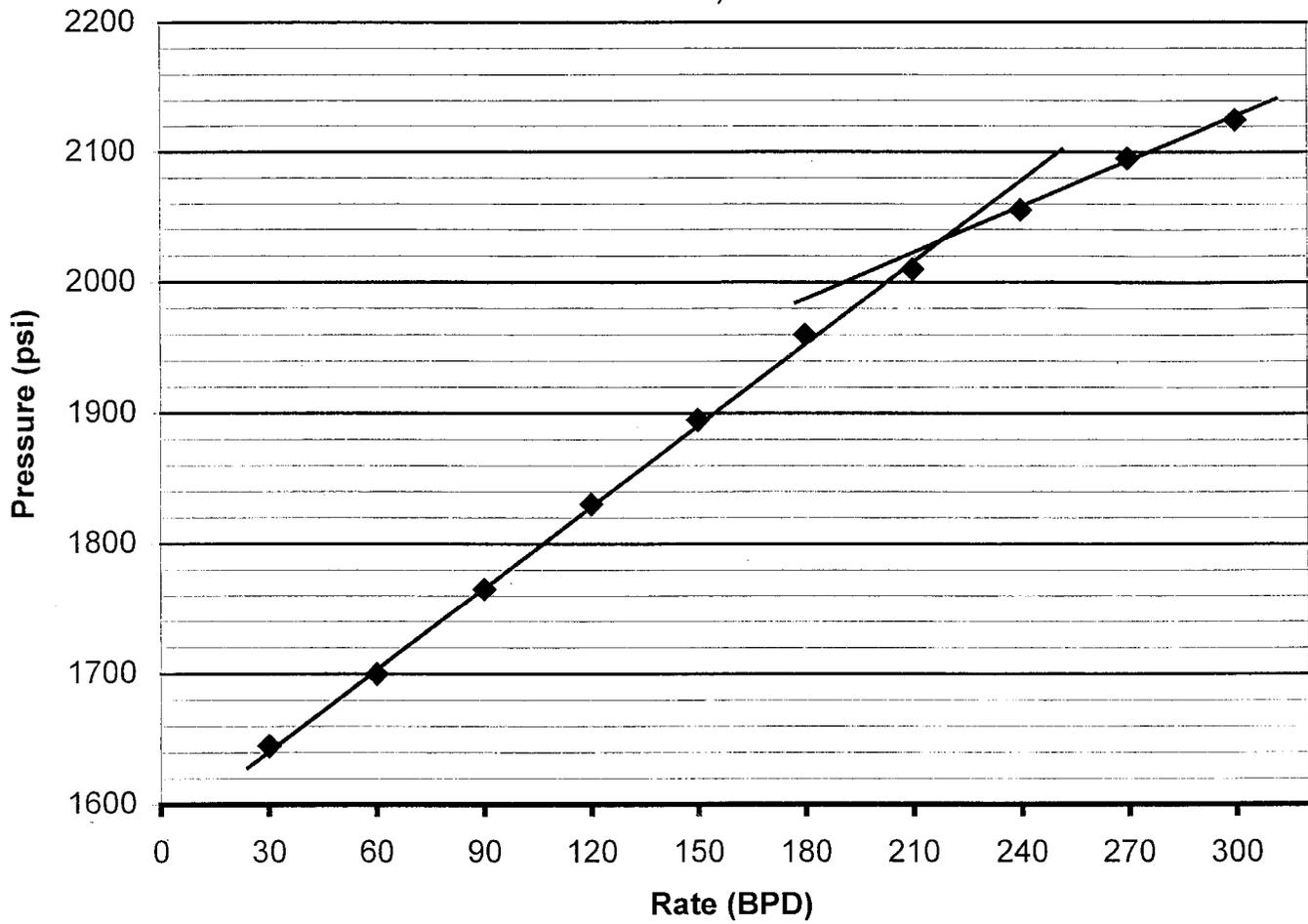
Date: 10-26-03
By: [Signature]

COPY SENT TO OPERATOR
 Date: 10-22-03
 Initials: CHP

RECEIVED

OCT 20 2003

Monument State 13-2-9-17
Castle Draw Unit
Step Rate Test
October 14, 2003



Start Pressure: 1535 psi
Instantaneous Shut In Pressure (ISIP): 2105 psi
Top Perforation: 4166 feet
Fracture pressure (Pfp): 2030 psi
FG: 0.922 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	1645
2	60	1700
3	90	1765
4	120	1830
5	150	1895
6	180	1960
7	210	2010
8	240	2055
9	270	2095
10	300	2125

monument Stake B-2-9-17

5:30A

10/14 03



4:15P

10/14 03

Chase



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 29 2003

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
Vice President of Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20776-04430
Balcron Monument State No. 13-2
NW SW Sec. 2 - T9S - R17E
Uintah County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Castle Draw Area Permit UT20776-00000 (Effective November 29, 1995), Part II, Section C. 5. (b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the Monument State No. 13-2-9-17 following receipt and approval of a valid step-rate test (SRT).

On October 17, 2003, Inland Production Company (Inland) submitted an SRT, dated October 14, 2003, which was reviewed and approved by the EPA on October 21, 2003. The EPA approved the fracture gradient (FG) of **0.922 psi/ft** for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 1760 psig to 2030 psig. The 2030 psig MIP is less than the maximum surface injection pressure of 2137 psig as cited in the Castle Draw Area Permit, Part II, Section C. Condition 5. b.

RECEIVED

NOV 03 2003



FG = 0.922 psi/ft
 D = 4166 feet: Top perforation
 SG = Specific gravity: 1.005

 MIP = [(0.922) - (0.433)(1.005)] 4166

MIP = 2030 psig

Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, at the letterhead address, citing **MAIL CODE: 8ENF-T** very prominently. You may call Mr. Wisser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,

Carl S. Campbell for

Stephen S. Tuber
 Assistant Regional Administrator
 Office of Partnerships and
 Regulatory Assistance

cc: Ms. Maxine Natchees
 Chairwoman
 Uintah & Ouray Business Council
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Ms. Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 410 Seventeenth Street - Suite 700
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-T



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: *A. Deant*
Title: *Tech. Services Manager*

Approval Date: 9-20-04

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

(5/2000)

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SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:	9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721

CA No.

Unit:

CASTLE DRAW

WELL(S)

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON ST 14-2	02	090S	170E	4301331425	12275	State	WI	A
MONUMENT ST 12-2	02	090S	170E	4301331481	12275	State	OW	P
MONUMENT ST 13-2	02	090S	170E	4301331482	12275	State	WI	A
MONUMENT ST 11-2-9-17CD	02	090S	170E	4301331685	12275	State	WI	A
CASTLE DRAW 10-2R-9-17	02	090S	170E	4304731195	12275	State	WI	A
MON ST 31-2-9-17CD	02	090S	170E	4304732563	12275	State	WI	A
MONUMENT ST 22-2	02	090S	170E	4304732610	12275	State	WI	A
MONUMENT ST 24-2	02	090S	170E	4304732612	12275	State	OW	P
BALCRON MON ST 23-2	02	090S	170E	4304732613	12275	State	WS	I
MONUMENT ST 21-2-9-17	02	090S	170E	4304732703	12275	State	OW	P
MONUMENT ST 32-2	02	090S	170E	4304732737	12275	State	OW	P
CASTLE DRAW 8-2	02	090S	170E	4304732842	12275	State	D	PA
CASTLE DRAW 1-2-9-17	02	090S	170E	4304732843	12275	State	OW	S
CASTLE DRAW 9-2-9-17	02	090S	170E	4304733238	12275	State	OW	P
CASTLE DRAW 15-2-9-17	02	090S	170E	4304733239	12275	State	OW	P
CASTLE DRAW 16-2-9-17	02	090S	170E	4304733240	12275	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MONUMENT ST 13-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331482

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: 2210 FSL 604 FWL

COUNTY: DUCHESNE

OTR/TR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 2, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
02/12/2008	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 2/4/08 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 2-12-08. On 2-12-08 the csg was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1980 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20776-04430 API# 43-013-31482

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

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.

On 2/4/08 NA

NAME (PLEASE PRINT) Callie Ross

TITLE Production Clerk

SIGNATURE

Callie Ross

DATE 02/14/2008

(This space for State use only)

RECEIVED

FEB 15 2008

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 2/12/08
 Test conducted by: Trefley J. Ruzer
 Others present: _____

Well Name: <u>MONUMENT STATE 13-2-9-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>MONUMENT BUTTE</u>	
Location: <u>NW 1/4</u> Sec: <u>2</u> T <u>9</u> N <u>10</u> R <u>17</u> EDW County: <u>DUCLOS</u> State: <u>UT</u>	
Operator: <u>Newfield</u>	
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____ PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

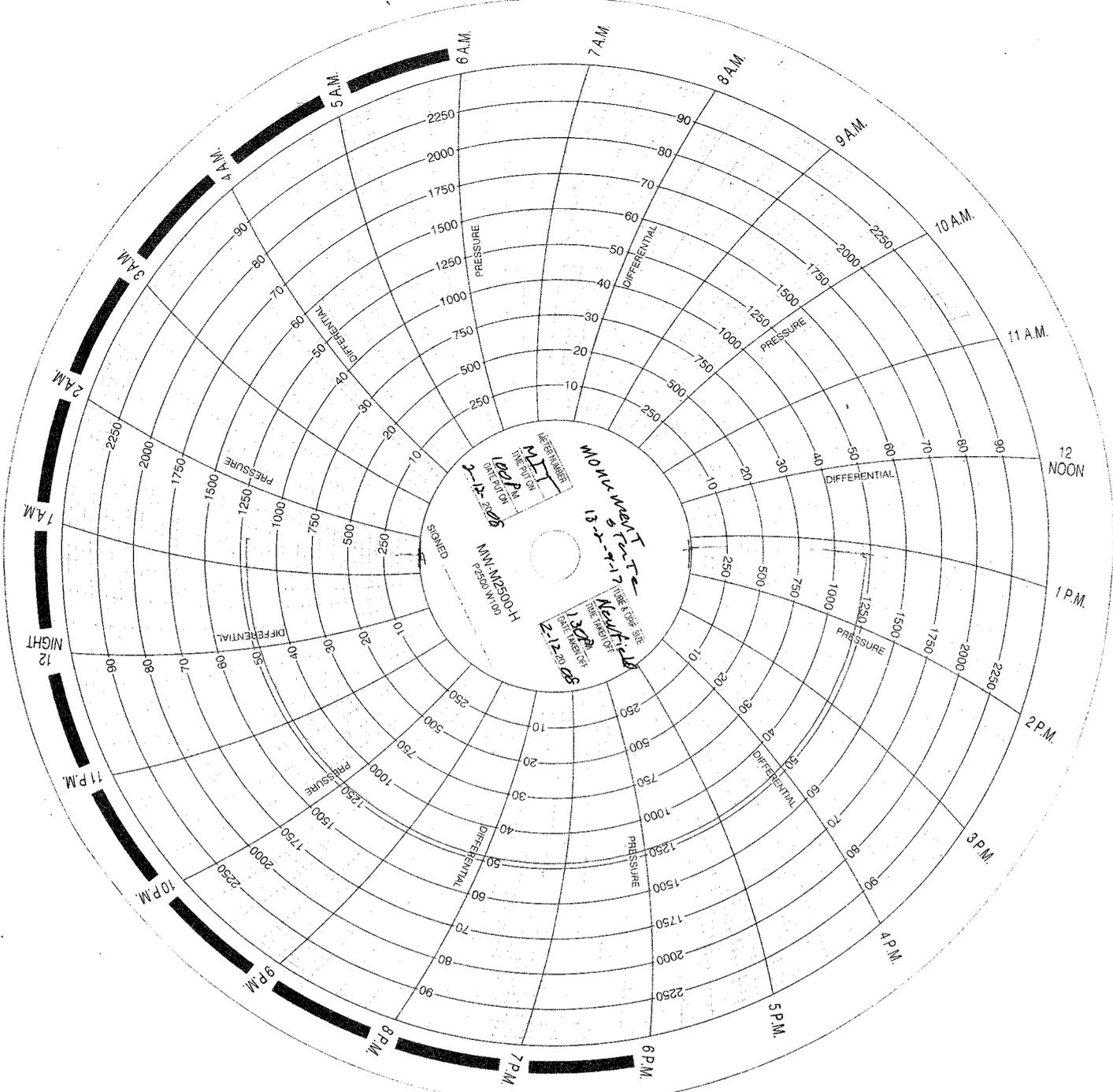
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1980 psig	psig	psig
End of test pressure	1980 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1220 psig	psig	psig
5 minutes	1220 psig	psig	psig
10 minutes	1220 psig	psig	psig
15 minutes	1220 psig	psig	psig
20 minutes	1220 psig	psig	psig
25 minutes	1220 psig	psig	psig
30 minutes	1220 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: _____



MEASUREMENT NUMBER
TIME TEST ON
DATE OF TEST
1000000
2-12-2008

MOBILE WENT
8-11-12
13-1-12

SIGNED
MIN. MP5500-H
P250 W100

THE TYPE OF SIZE
NAME OF
DATE OF TEST
13-1-12

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

8. WELL NAME and NUMBER:
MONUMENT ST 13-2

9. API NUMBER:
4301331482

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2210 FSL 604 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 2, T9S, R17E STATE: UT

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

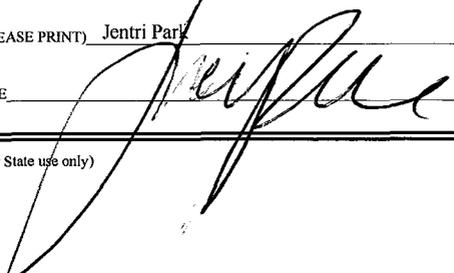
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/01/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted. Attached is a daily status report. The following perforation was added in the Green River Formation: 5526'-5548' 4 JSPF 88 holes.
On 05/26/09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time perform the test on 05/27/09. On 06/03/09 the csg was pressured up to 1050 psig and charted for 30 minutes with not pressure loss. The was not injecting during the test. The tbg pressure was 1490 psig during the test. There was not an dEPA representative available to witness the test.
EPA UT 20776-04430
API# 43-013-31482

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE  DATE 06/10/2009

(This space for State use only)

RECEIVED
JUN 15 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON 13-2-9-17**3/1/2009 To 7/30/2009****5/29/2009 Day: 1****Recompletion**

WWS #5 on 5/28/2009 - Remove Injection shed & instruments. MIRUSU. Open well w/ 1750 psi. Rec'd 25 bbls water (well is @ 125 psi). Release Arrow Set 1 pkr. Circulate 70 bbls water down casing. Drop standing valve, pump 30 bbls (chase to bottom w/ sinker bars). Test tg to 3200 psi. Retrieve Std vlv. TOOH w/ tbg. RU Perforators LLC WLT & packoff. RIH w/ gauge ring & 22' perf gun. Run in to 5737' w/ gauge ring. Perforate CP1 sds @ 5526-5548' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 88 shots. RD WLT. Pickup Weatherford 5-1/2" "TS" RBP, Retrieving head, 2-3/8" x 4' pup joint, "HD" pkr, SN, 125 jts of N-80 tbg of trailer to leave EOT @ 4040'. SIFN.

5/30/2009 Day: 2**Recompletion**

WWS #5 on 5/29/2009 - Open well w/ 150 psi on casing. Continue TIH w/ tbg. Set RBP @ 5610'. Set pkr @ 5555'. Test tools. Release pkr & move up hole & reset @ 5485'. RU BJ Services. Pressure casing to 100 psi & hold during frac. Perfs broke down @ 3326 psi back to 1616 psi @ 3 bpm for 2 bbls. ISIP was 725 w/ .56FG. 1 minute was 564. Pump 30 gals of Techna Hib 767W @ 4% by volume. Frac CP1 sd down tbg w/ 29,046#'s of 20/40 sand in 309 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3464 @ ave rate of 15 bpm w/ 6 ppg of sand. ISIP was 1523 w/ .71FG. RD BJ. Flow well bak. Well flowd for 1 hours & died w/ 150 bbls rec'd. Open unloader vlve on pkr. Release packer. Circulate tbg clean. TIH w/ tbg to tag 40' of sand on RBP. C/O to RBP & release. TOOH w/ tbg laying down frac string. LD tools. RU Arrow Set 1 w/ wire line entry guide. TIH w/ tbg to leave EOT @ 4071'. SIFN.

6/2/2009 Day: 3**Recompletion**

WWS #5 on 6/1/2009 - Open well w/ 375 psi on casing. Continue TIH w/ 1 jt tbg. Drop Stand-in valve. Pump 30 bbls water & didn't catch pressure. RU sand line. Puch stdn valve to SN. Test tbg to 3000 psi. Fish stand-in valve. RD BOP's. Circulate 65 bbls of Packer fluid. Set pkr @ 4107' w/ EOT @ 4111' w/ 18,000#'s tension. Test casing to 1400 psi for 1 hour w/ no loss. RDMOSU. Well ready for MIT.

6/4/2009 Day: 4**Recompletion**

Rigless on 6/3/2009 - On 5/26/09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (MS 13-2-9-17). Permission was given at that time to perform the test on 5/27/09. On 6/3/09 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1490 psig during the test. There was not an EPA representative available to witness the test. Final Report! EPA# UT 20776-04430 API# 43-013-31482

Pertinent Files: Go to File List

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 6/3/09
 Test conducted by: Trefley J. Raza
 Others present: _____

Well Name: <u>MONUMENT STATE 13-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>NW/SW</u> Sec: <u>2</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 2 bpd

Pre-test casing/tubing annulus pressure: 2 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1490 psig	psig	psig
End of test pressure	1490 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1050 psig	psig	psig
5 minutes	1050 psig	psig	psig
10 minutes	1050 psig	psig	psig
15 minutes	1050 psig	psig	psig
20 minutes	1050 psig	psig	psig
25 minutes	1050 psig	psig	psig
30 minutes	1050 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: _____

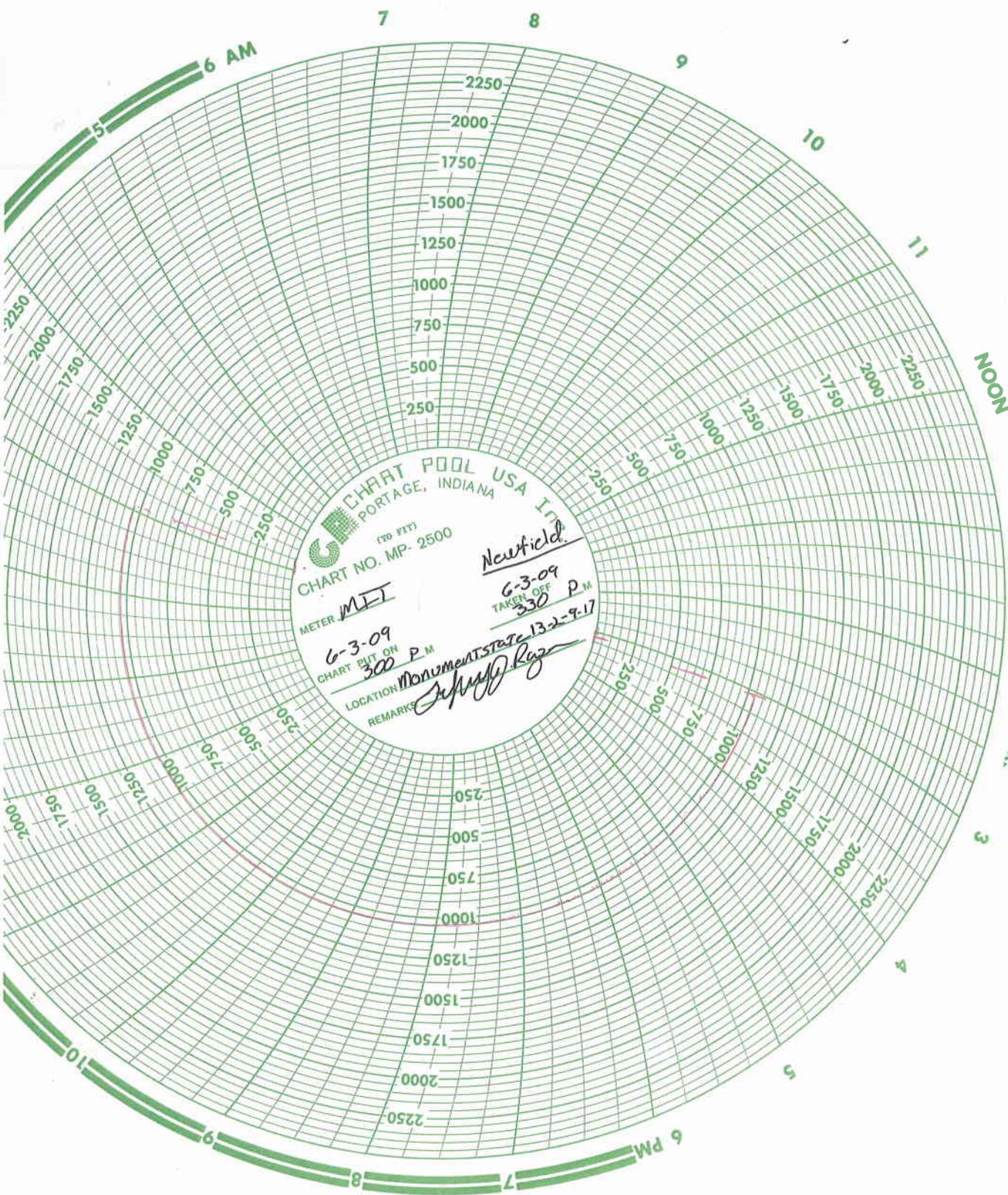



CHART POOL USA INC.
 PORTAGE, INDIANA
 (76 FT)
 CHART NO. MP- 2500
 METER *MIT*
 6-3-09
 CHART PUT ON
 300 P.M.
 LOCATION *Monument State 132-9-17*
 REMARKS *John D. Ryan*
Newfield.
 6-3-09
 TAKEN OFF
 330 P.M.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MONUMENT ST 13-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2210 FSL 0604 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 02 Township: 09.0S Range: 17.0E Meridian: S	9. API NUMBER: 43013314820000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/2/2014	<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 style="width: 100px;" 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 05/02/2014 the casing was pressured up to 1082 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1569 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04430

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
FOR RECORD ONLY
 May 12, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/7/2014	

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: 5/2/14
Test conducted by: Chris Walters
Others present: _____

Well Name: <u>Monument State 13-29-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mon. Butte</u>		
Location: <u>NW/5W</u> Sec: <u>2</u> T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure: <u>1630</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: 116 bpd

Pre-test casing/tubing annulus pressure: 1088 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1569</u> psig	psig	psig
End of test pressure	<u>1569</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1088</u> psig	psig	psig
5 minutes	<u>1087</u> psig	psig	psig
10 minutes	<u>1086</u> psig	psig	psig
15 minutes	<u>1085</u> psig	psig	psig
20 minutes	<u>1084</u> psig	psig	psig
25 minutes	<u>1084</u> psig	psig	psig
30 minutes	<u>1082</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

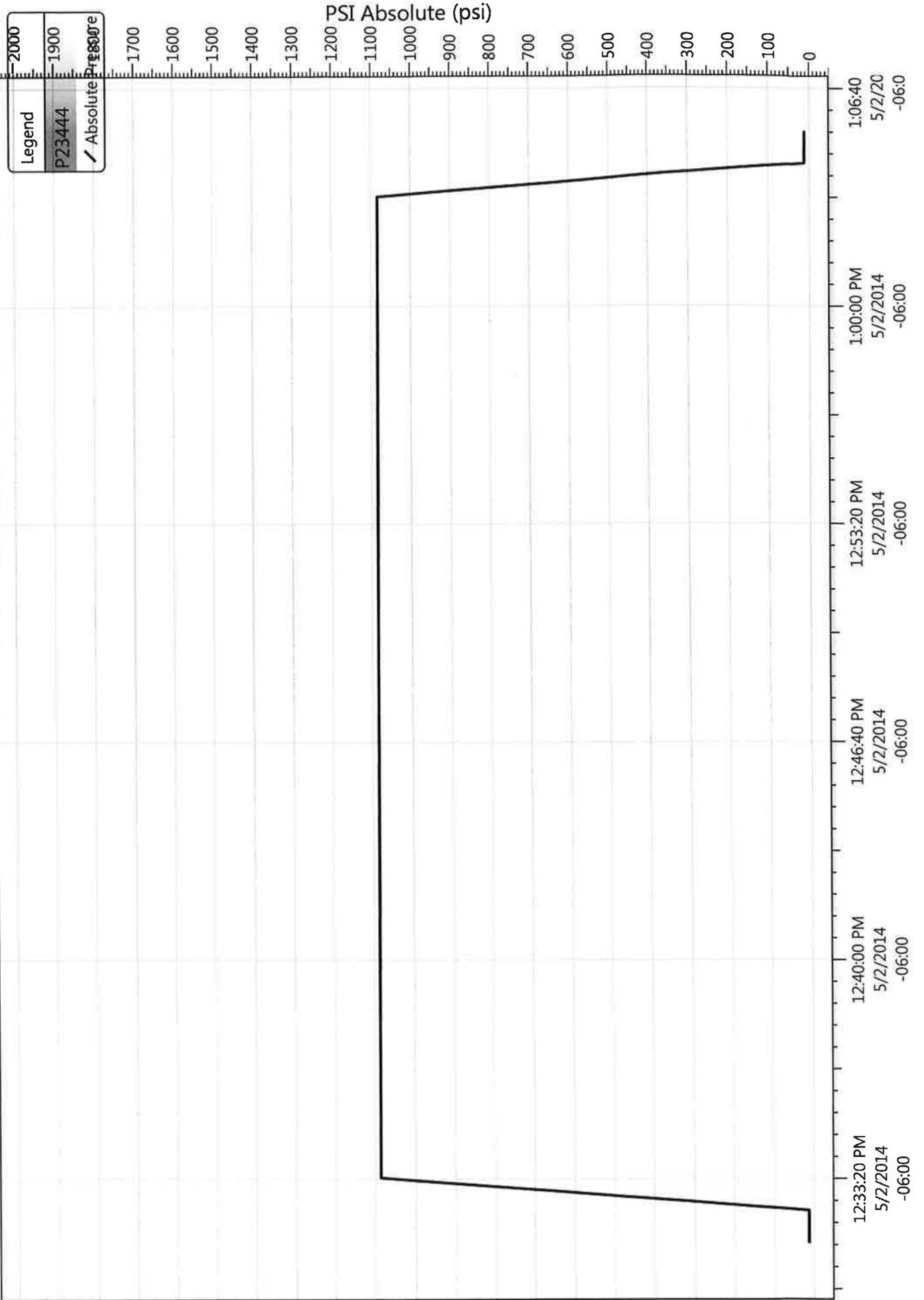
MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Monument State 13-2-9-17 5-yr MI

5/2/2014 12:31:00 PM



Monument State 13-2-9-17

Put on Production: 3/22/95
 GL: 5077' KB: 5087'

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (259.85')
 DEPTH LANDED: 269.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt.

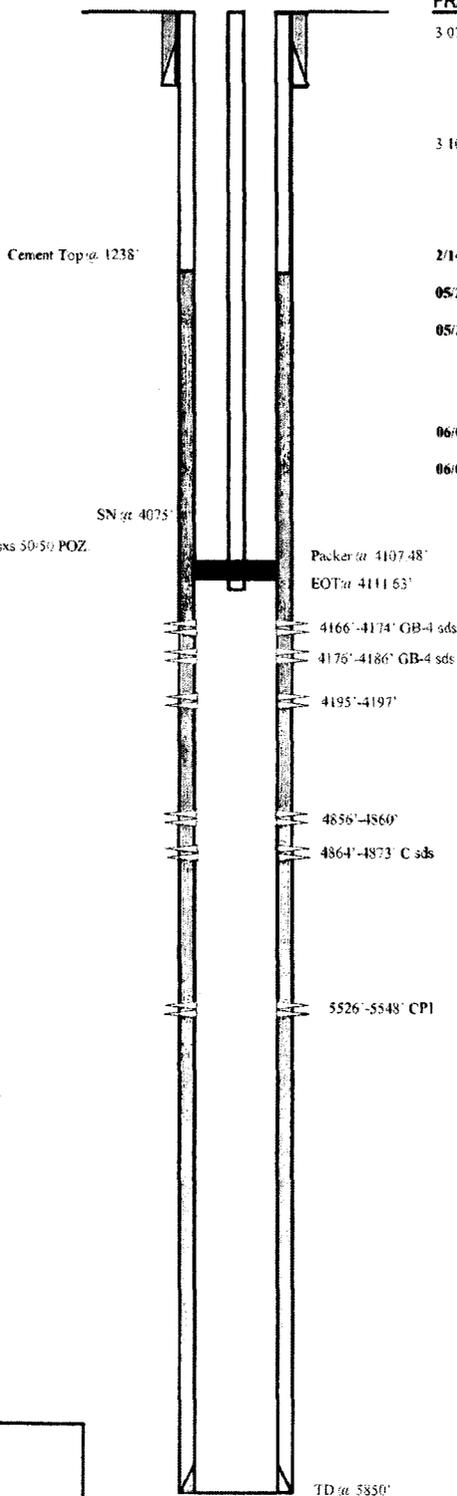
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 129 jts. (5790.4')
 DEPTH LANDED: 5799.4' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 283 sxs sxs Class "G" cmt mixed, 340 sxs 50-50 POZ.
 CEMENT TOP AT: 1238'

TUBING

SIZE/GRADE/WT.: 2-7/8"/J-55 6.5#
 NO. OF JOINTS: 135 jts @ 4090.13'
 SEATING NIPPLE: 2-7/8" (1.10')
 PACKER CE AT: 4107.48'
 TOTAL STRING LENGTH: EOT @ 4111.63'

Injection Wellbore Diagram



FRAC JOB

3/07/95 4856'-4873' 3000 gal 2% KCl pad, 18,438 gal 2% KCl w/ 64,000# 16-30 sand. Flush w/ 4998 gal 2% KCl wtr. ISIP 2300. ATP-2400, ATR-30.4 bpm. 5 min-1880, 10 min-1600, 15 min-1560, 30 min-1370

3/10/95 4166'-4197' 4400 gal 2% KCl pad, 94,760 # 16-30 sand w/ 26,418 gal 2% KCl wtr. Flush w/ 4074 gal 2% KCl. ATR 31.5 bpm, ATP-2350, ISIP-2300, 5 min-2100, 10 min-1980, 15 min-1800, 30 min-1380

2/14/08 5 Year MIT completed and submitted.

05/28/09 5526'-5548 Perforate the CPI sds

05/29/09 5526'-5548 Frac CPI sds as follows:
 29046# of 20/40 sand in 309 bbls Lightning
 17 Frac fluid. Treat @ ave press of 3464 @ ave rate of 15 BPM. ISIP was 1523

06/01/09 Recompleted well

06/03/09 MIT completed and submitted, update the detail

PERFORATION RECORD

3/06/95	4864'-4873'	4 JSFP	36 holes
3/06/95	4856'-4860'	4 JSFP	16 holes
3/09/95	4195'-4197'	4 JSFP	8 holes
3/09/95	4176'-4186'	4 JSFP	40 holes
3/09/95	4166'-4174'	4 JSFP	32 holes
05/28/09	5526'-5548'	4 JSFP	88 holes



Monument State 13-2-9-17
 2210' FSL & 604' FWL
 NWSW Section 2-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31482; Lease #ML-45555