

UTAH OIL AND GAS CONSERVATION COMMISSION

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

960401 Oper. Mm. Chg.
 960515 Confidential Status Expired eff 5-1-96

DATE FILED: DECEMBER 12, 1994
 LAND: FEE & PATENTED STATE LEASE NO. ML-45555 PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: DECEMBER 19, 1994
 SPUDDED IN: 3-4-95
 COMPLETED: 4-4-95 POW PUT TO PRODUCING: 4-4-95

INITIAL PRODUCTION:
 GRAVITY A.P.I. 34
 GOR:
 PRODUCING ZONES: 4881-5249 (GRBV)

TOTAL DEPTH: 5198'
 WELL ELEVATION: 5047 GR
 DATE ABANDONED:

FIELD: EIGHT MILE FLAT NORTH FIELD
 UNIT: NA
 COUNTY: UINTAH
 WELL NO. BALCRON MONUMENT STATE #22-2 API NO. 43-047-32610

LOCATION 1980' FNL FT. FROM (N) (S) LINE. 1980' FWL FT. FROM (E) (W) LINE. SE NW 1/4 - 1/4 SEC. 2

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



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.

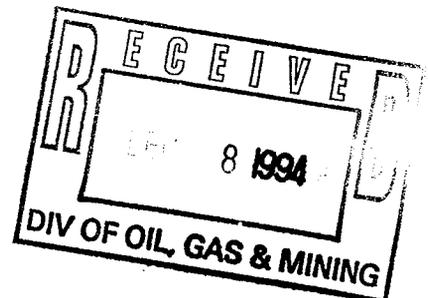
Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Farnsworth



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 #22-2 PROSPECT/FIELD: Monument Butte
LOCATION: SE NW Sec.2 Twn.9S Rge.17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5800'

HOLE SIZE INTERVAL

=====

12 1/4"	Surface to 260'
7 7/8"	260' to 5800' (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	5800	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	5800	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 22-2
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2071 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	5,800	5-1/2"	15.50	K-55	ST&C	5,800	4.825

	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load (kips)	Tension Strgth (kips)	S.F.
1	2651	4040	1.524	2651	4810	1.81	89.90	222	2.47 J

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

Minimum segment length for the 5,800 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,651 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 #22-2 Exploratory _____ Control Well 33-2H
 Location SENW SECTION 2-T9S-R17E 1980' FNL, 1980' FWL Development X Operator NGC
 County UINTAH Field MON BUTTE KB 5064
 State UTAH Section SENW 2 Section NWSE 2
 Total Depth 5800 Township 9S Township 9S
 GL (Ung) 5047.36 EST. KB 5056 Range 17E Range 17E

Formation	Prognosis		Sample Top		Control Well	High/Low		Deviation
	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	
UINTA	<u>SURFACE</u>							
GREEN RIVER	<u>1485</u>	<u>3571</u>			<u>3631</u>			
HORSEBENCH SS	<u>2355</u>	<u>2701</u>			<u>2764</u>			
2ND GARDEN GULCH	<u>3915</u>	<u>1141</u>			<u>1201</u>			
Y-2 SAND (PAY)	<u>4210</u>	<u>846</u>			<u>906</u>			
YELLOW MARKER	<u>4524</u>	<u>532</u>			<u>592</u>			
DOUGLAS CREEK	<u>4686</u>	<u>370</u>			<u>430</u>			
R-5 SAND (PAY)	<u>4839</u>	<u>217</u>			<u>277</u>			
2ND DOUGLAS CREEK	<u>4932</u>	<u>124</u>			<u>184</u>			
GREEN MARKER	<u>5087</u>	<u>-31</u>			<u>29</u>			
G-5 SAND (PAY)	<u>5228</u>	<u>-172</u>			<u>-112</u>			
BLACK SHALE FACIES	<u>5382</u>	<u>-326</u>			<u>-266</u>			
CARBONATE MARKER	<u>5518</u>	<u>-462</u>			<u>-402</u>			
B-1 SAND (PAY)	<u>5575</u>	<u>-519</u>			<u>-459</u>			
B-2 SAND (PAY)	<u>5605</u>	<u>-549</u>			<u>-489</u>			
TD	<u>5800</u>							

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 _____

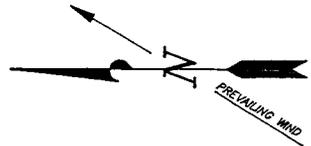
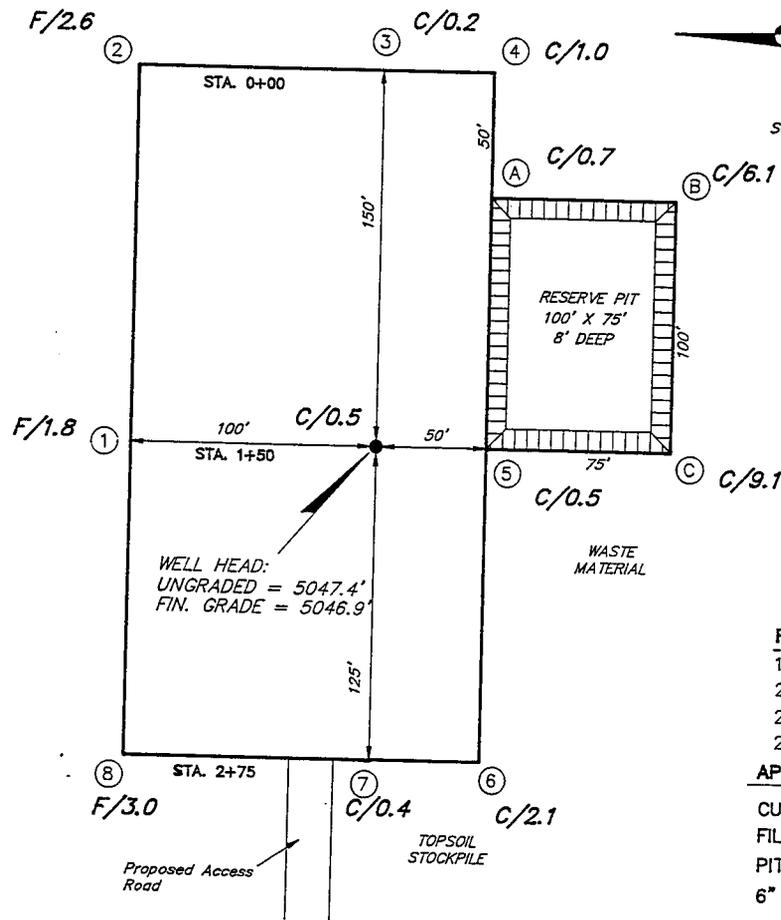
Mud Logger/Hot Wire
 Company: _____
 Required: (Yes/No) YES
 Type: TWO MAN
 Logger: _____
 Phone # _____
 Fax # _____

Comments: _____

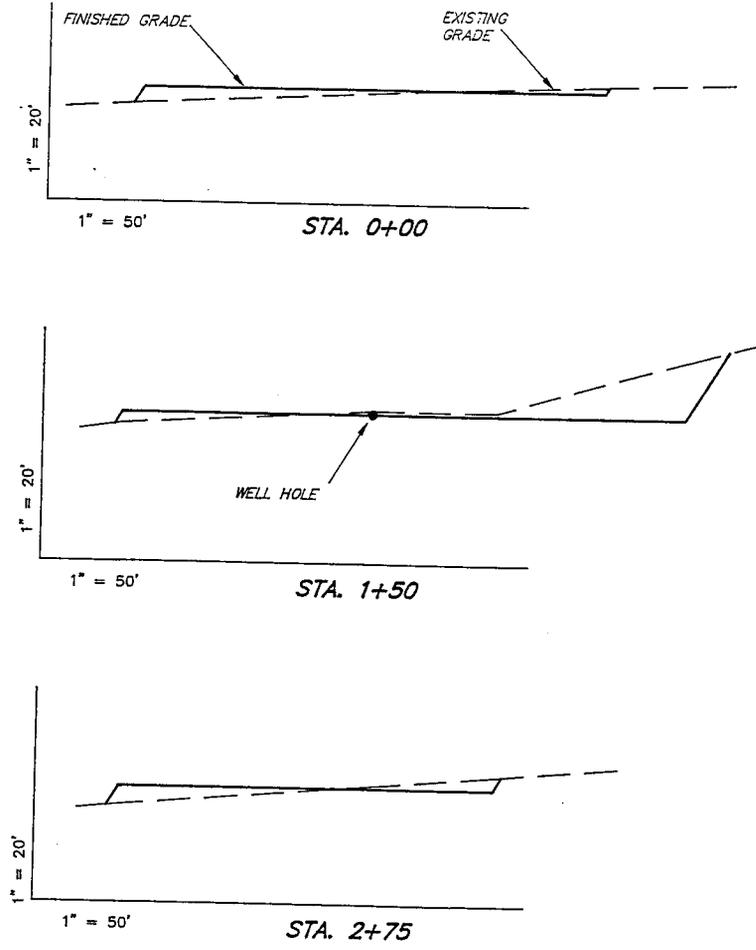
Report To: 1st Name: DAVE BICKERSTAFF Phone # (406)259-7860 wk. 245-2261 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # _____ wk. 248-7026 hm.
 Prepared By: K.K. REINSCHMIDT 12/1/94 Phone # _____ wk. _____ hm.

EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT STATE #22-2
SECTION 2, T9S, R17E, S.L.B.&M.



SCALE: 1" = 50'

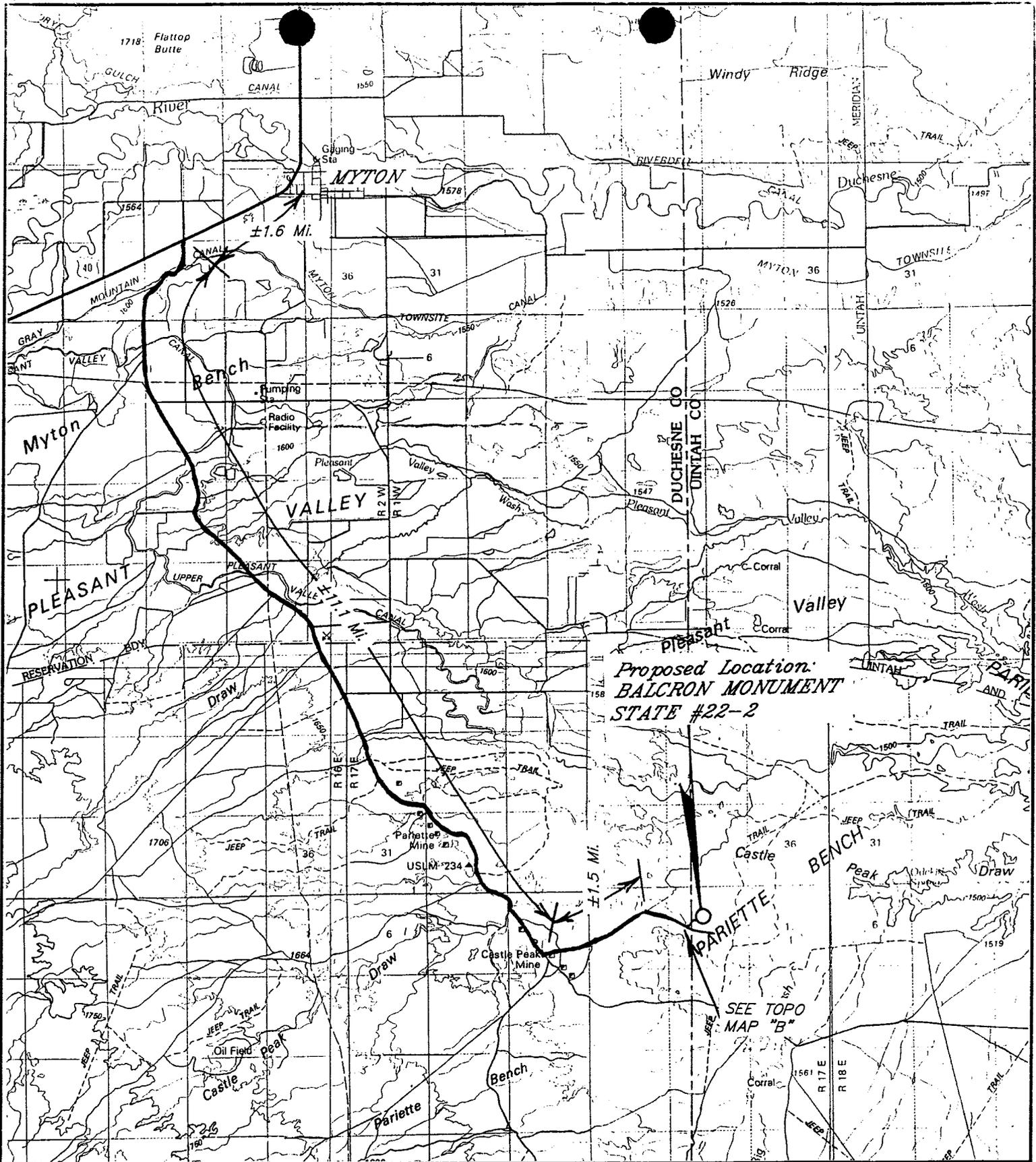


- REFERENCE POINTS**
- 150' NORTH 5042.2'
 - 200' NORTH 5037.7'
 - 200' EAST 5045.5'
 - 250' EAST 5043.8'

- APPROXIMATE YARDAGES**
- CUT = 1680 Cu. Yds.
 - FILL = 1310 Cu. Yds.
 - PIT = 1,940 Cu. Yds.
 - 6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: G.S. R.H.
DRAWN BY: R.E.H.
DATE: 11-21-94
SCALE: 1" = 50'
FILE: 22-2

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

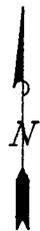


*Proposed Location:
BALCRON MONUMENT
STATE #22-2*

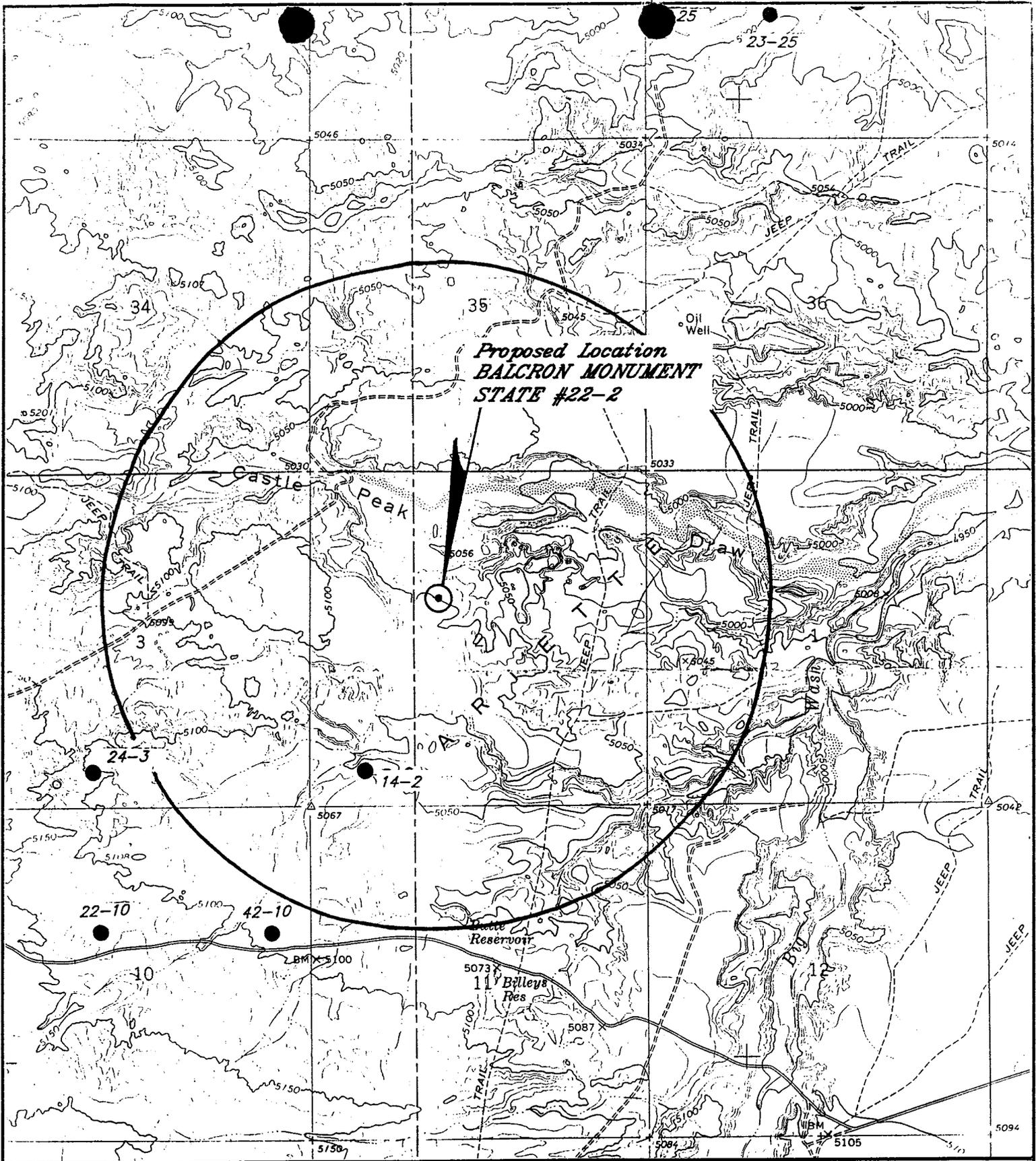
*SEE TOPO
MAP "B"*

EQUITABLE RESOURCES CO.

*BALCRON MONUMENT STATE #22-2
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 #22-2*

EQUITABLE RESOURCES ENERGY CO.

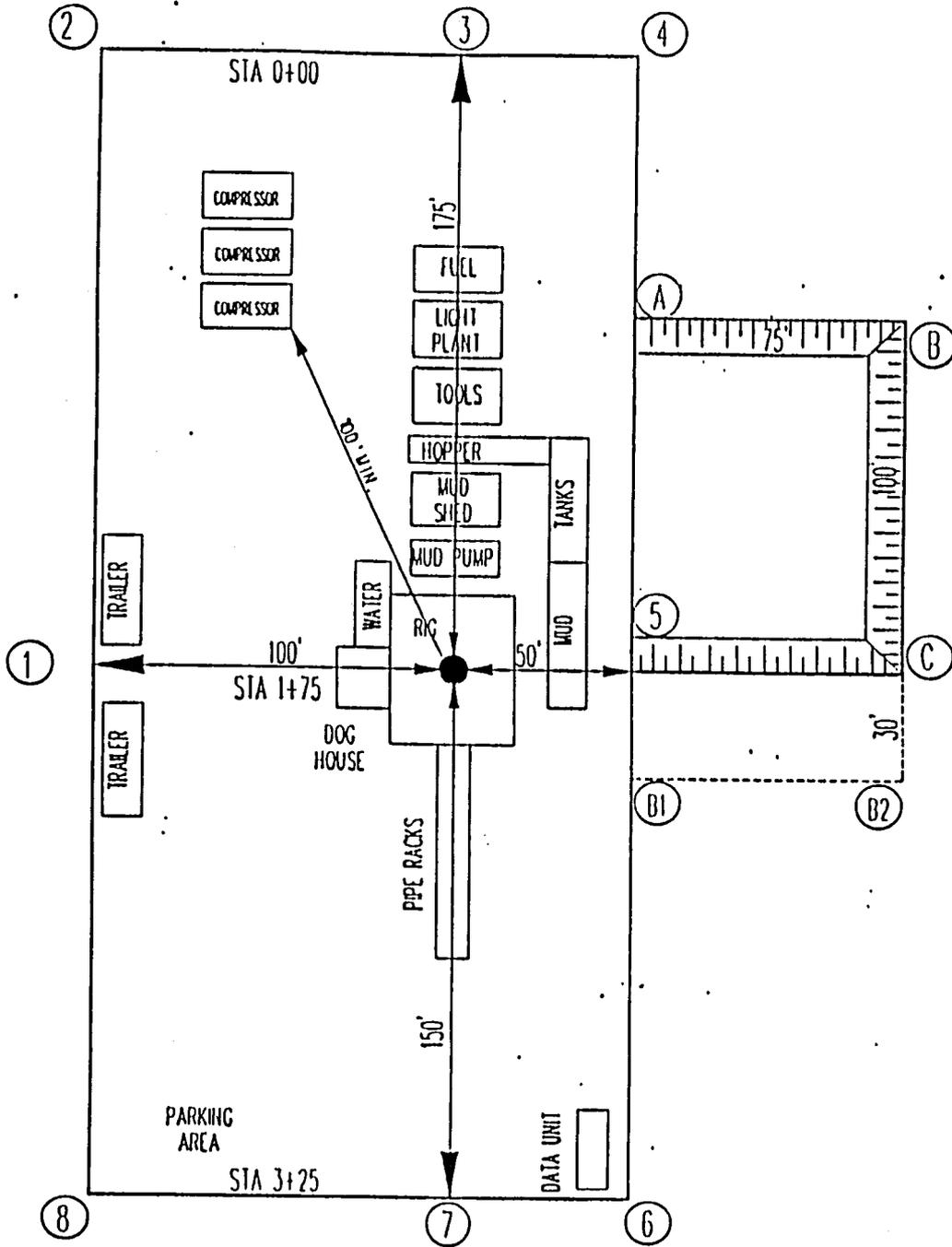
*BALCRON MONUMENT STATE #22-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "C"*

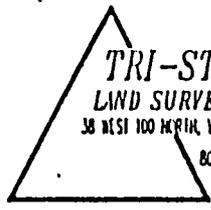


SCALE: 1" = 2000'

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

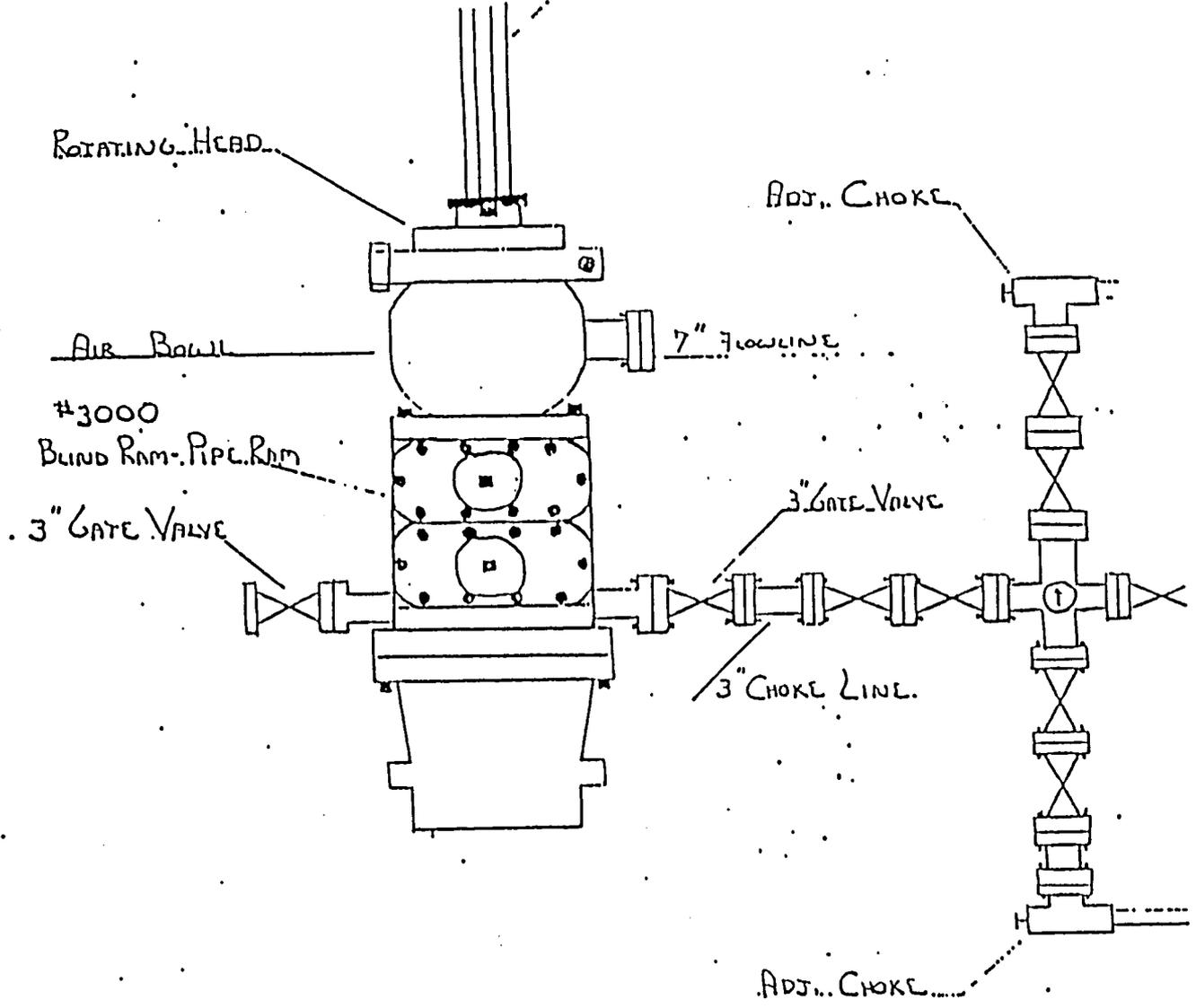
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT





TRI-STATE
LAND SURVEYING, INC.
 38 WEST 100 NORTH, Vernal, 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 _____
(Month) (Day) (Month) (Day)

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)

*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 120 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 011 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 011 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 _____ 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

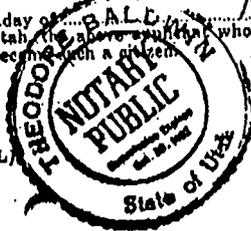
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below 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 } ss
County of.....

On the 10th day of May 19 82, personally appeared before me, a notary public for the State of Utah, the above applicant, 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: 43-047-32610

WELL NAME: BALCRON MONUMENT STATE 22-2
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
SENW 02 - T09S - R17E
SURFACE: 1980-FNL-1980-FWL
BOTTOM: 1980-FNL-1980-FWL
UINTAH COUNTY
EIGHTMILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: 01/05/95		
TECH REVIEW	Initials	Date
Engineering	JAM	12/29/94
Geology	Djr	12/29/94
Surface	dt	12/13/94

LEASE TYPE: STA
LEASE NUMBER: ML-45555

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal[] State[Fee[]
(Number 0576)

Potash (Y/N)

Oil shale (Y/N)

Water permit
(Number 47-1674)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

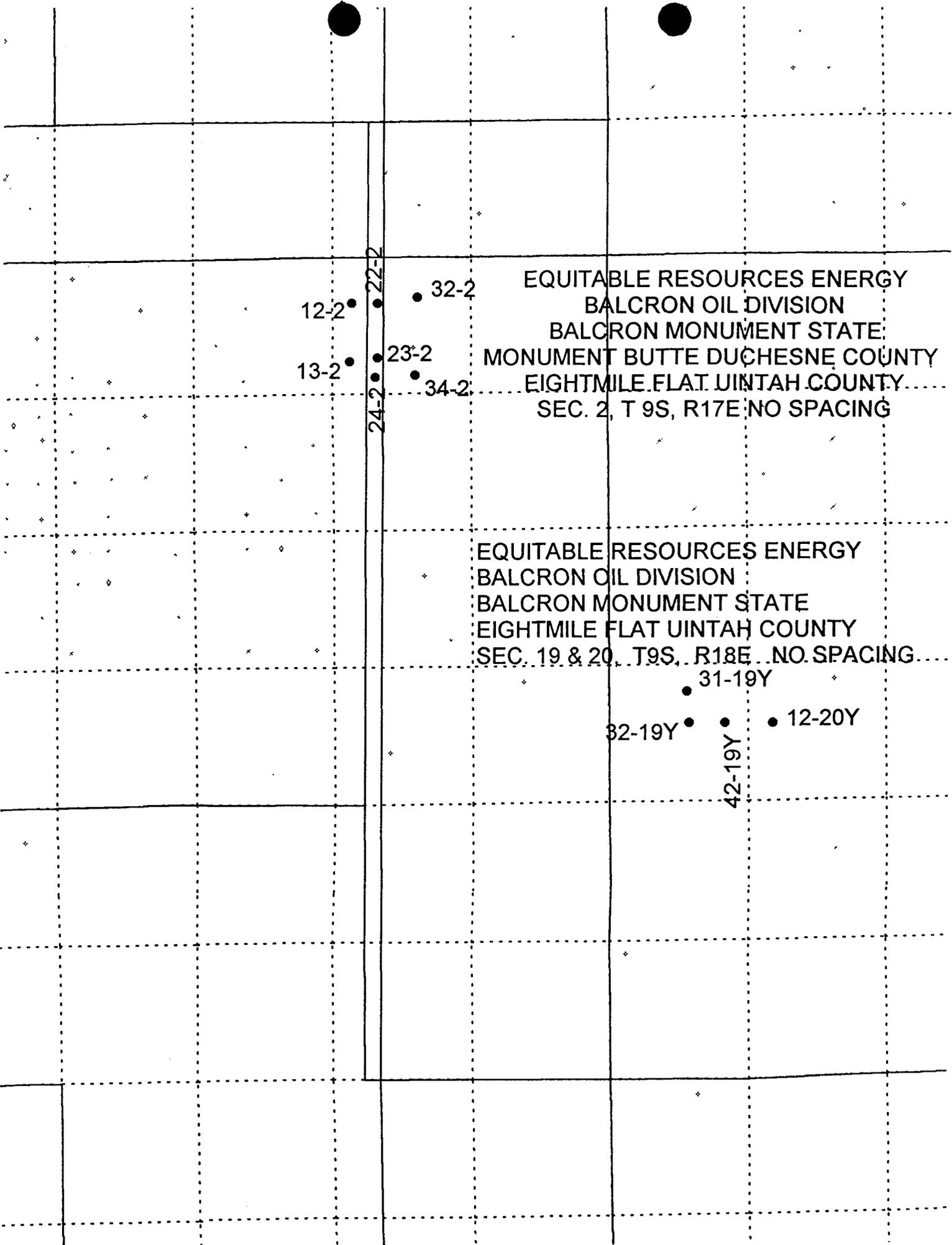
___ R649-3-3. Exception.

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

COMMENTS: _____

STIPULATIONS: _____

CONFIDENTIAL
PERIOD
EXPIRES
ON 2-14-96



EQUITABLE RESOURCES ENERGY
BALCRON OIL DIVISION
BALCRON MONUMENT STATE
MONUMENT BUTTE DUCHESNE COUNTY
EIGHTMILE FLAT UINTAH COUNTY
SEC. 2, T 9S, R17E NO SPACING

EQUITABLE RESOURCES ENERGY
BALCRON OIL DIVISION
BALCRON MONUMENT STATE
EIGHTMILE FLAT UINTAH COUNTY
SEC. 19 & 20, T9S, R18E, NO SPACING

12-2

13-2

22-2
24-2

32-2

23-2

34-2

31-19Y

32-19Y

42-19Y

12-20Y



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

DEC 12 1994
DIV OF OIL, GAS & MINING

December 9, 1994

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

Dear Mr. Hebertson:

RE: Balcron Monument State #22-2
SE NW Section 2, T9S, R17E
Uintah County, Utah

Attached is a new Application for Permit to Drill cover page for the referenced permit. This is being submitted to replace the original page that was submitted since the footages were inadvertently left off the original.

Thank you very much for calling this to my attention.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachment

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DEC 12 1994

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: State #ML-45555	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: n/a	
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: n/a	
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name: Balcron Monument State	
3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104 (406) 259-7860		9. Well Number: #22-2	
4. Location of Well (Footages) At Surface: SE NW Section 2, T9S, R17E 1980' FNL, 1980' FWL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Undesignated/Green River	
14. Distance in miles and direction from nearest town or post office: Approximately 11 miles southeast of Myton, Utah		12. County: Uintah	13. State: UTAH
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	17. Number of acres assigned to this well:	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,800'	20. Rotary or cable tools: Rotary	
21. Elevations (show whether DF, RT, GR, etc.): 5047.36' GL		22. Approximate date work will start: 2/1/95	

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.

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: <u>Bobbie Schuman</u> Bobbie Schuman	Title: <u>Regulatory and Environmental Specialist</u> Date: <u>12/9/94</u>
---	--

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/19/94
BY: JAM [Signature]
WELL SPACING: R649-3-2

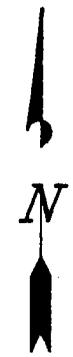
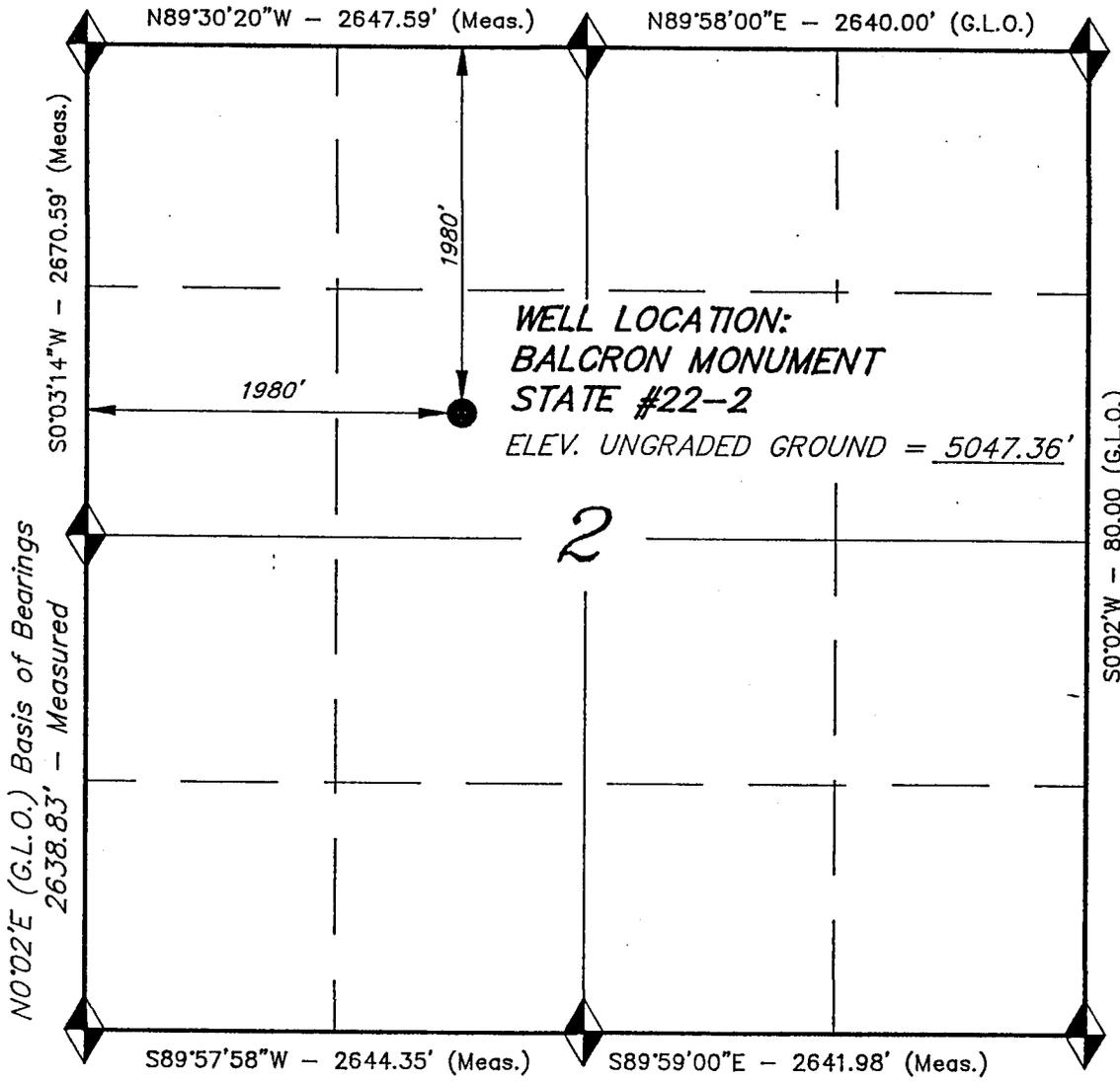
API Number Assigned: 43-047-32610

Approval:

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

EQUITABLE RESOURCES ENERGY CO.

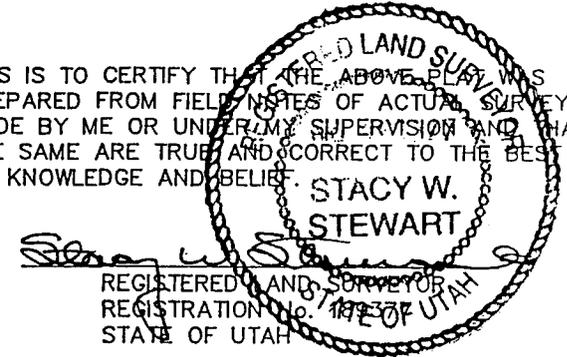
WELL LOCATION, BALCRON MONUMENT STATE #22-2, LOCATED AS SHOWN IN THE SE 1/4 NW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UTAH COUNTY, UTAH.



WELL LOCATION:
BALCRON MONUMENT
STATE #22-2
 ELEV. UNGRADED GROUND = 5047.36'

2

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



STACY W. STEWART

REGISTERED LAND SURVEYOR
 REGISTRATION NO. 11923
 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: 11-14-94	WEATHER: COOL
NOTES:	FILE #22-2



= 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)

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.)

S89°57'58"W - 2644.35' (Meas.)

S89°59'00"E - 2641.98' (Meas.)

N89°30'20"W - 2647.59' (Meas.)

N89°58'00"E - 2640.00' (G.L.O.)

1980'

1980'



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 #22-2 Well, 1980' FNL, 1980' FWL, SE ^NSW, Sec. 2, T. 9
S., R. 17 E., Uintah County, Utah

Gentlemen:

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

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

1. 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. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2
Equitable Resources Energy Company
Balcron Monument State #22-2 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 43-047-32610.

Sincerely,



R.J. Firth
Associate Director

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

BALCRON OIL

Monument State #22-2

47-047-32610

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

Uintah 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 #22-2, SE NW Section 2, T9S, R17E, SLB&M, UINTAH COUNTY, UTAH.

Description of Geology and Topography-

This well location is 9 miles south and 4 miles east of Myton, Utah. The road is .3 mile long and goes northeast from an existing road. It drops off the bench over a sandy hill. The wellpad sits on the south side of a badlands area with badlands on the west, north and east of the wellpad. The wellpad has a covering of dark brown angular sandstone rock fragments ranging from 1/2 inch to nearly 1 foot.

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 fragment here and there across the wellpad. A dozen or so poorly preserved turtle shell fragments have weathered from the dark brown sandstone 120 feet 305 degrees northwest of the center stake.

Recommendations-

The turtle shell material found here appears to be fragmental and poorly preserved.

No recommendations are made for this access road or wellpad.

Alvin A. Hamblin
Paleontologist

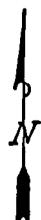
Date *December 29, 1994*

PALEONTOLOGY LOCALITY Data Sheet		Page 1 of 1 plus map																	
		State Local. No. 42 UN 890V																	
		Agency No. Balcron Oil																	
		Temp. No Monument State #22-2																	
1. Type of locality		Invertebrate		Plant		Vertebrate		X		Trace		Other _____							
2. Formation: UINTA				Horizon: Lower U. (B)				Geologic Age: Late Eocene											
3. Description of Geology and Topography: The proposed access road drops off the bench over a sandy hill. The wellpad sits on the south side of a badlands area with badlands on the west, north and east of the wellpad. The wellpad has a covering of dark brown angular sandstone rock fragments ranging from 1/2 inch to nearly 1 foot. 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, crocodilians, and occasional fish remains and plant impressions.																			
4. Location of Outcrop: This well location is 9 miles south and 4 miles east of Myton, Utah.																			
5. Map Ref.		USGS Quad		Pariette Draw SW, Utah			Scale		7.5 Min		Edition		1964						
SW/NW		of	SW1/4	of	NW1/4	of Sectn	2	T	9 S	R	17E	Meridn SLB							
6. State: UTAH			County: UINTAH 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 fragment here and there across the wellpad. A dozen or so poorly preserved turtle shell fragments have weathered from the dark brown sandstone 120 feet 305 degrees northwest of the center stake.																			
10. Owner:		Private		State		X		BLM		US 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 #22-2
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**

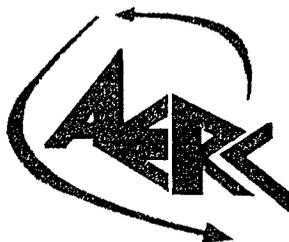
Report Prepared for Balcron Oil Company

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).

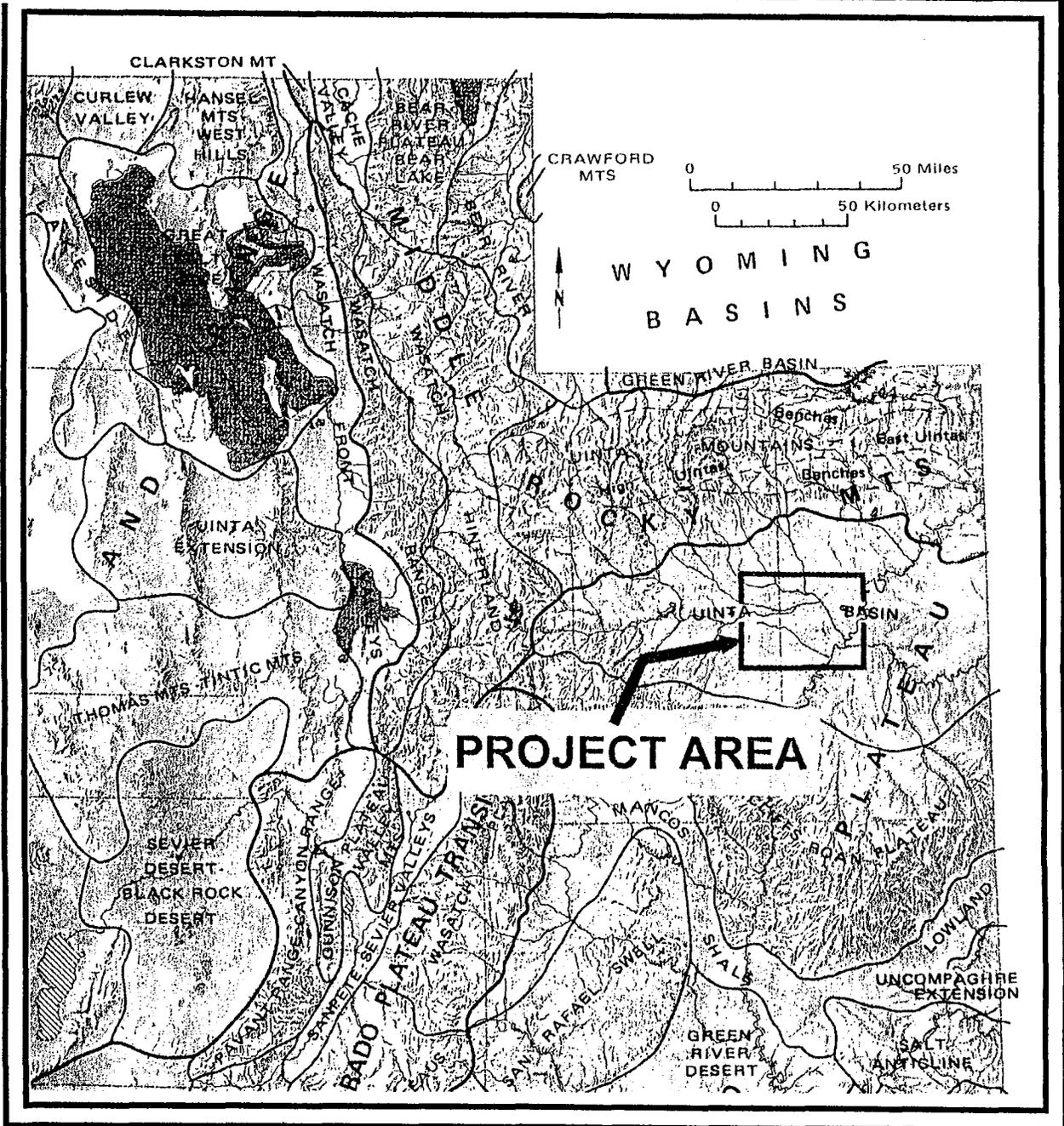
Balcron Federal #12-20Y is situated in the SW quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM, together with ca. 0.4 miles of access route (see Map 2).

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**



T. multiple

R. multiple

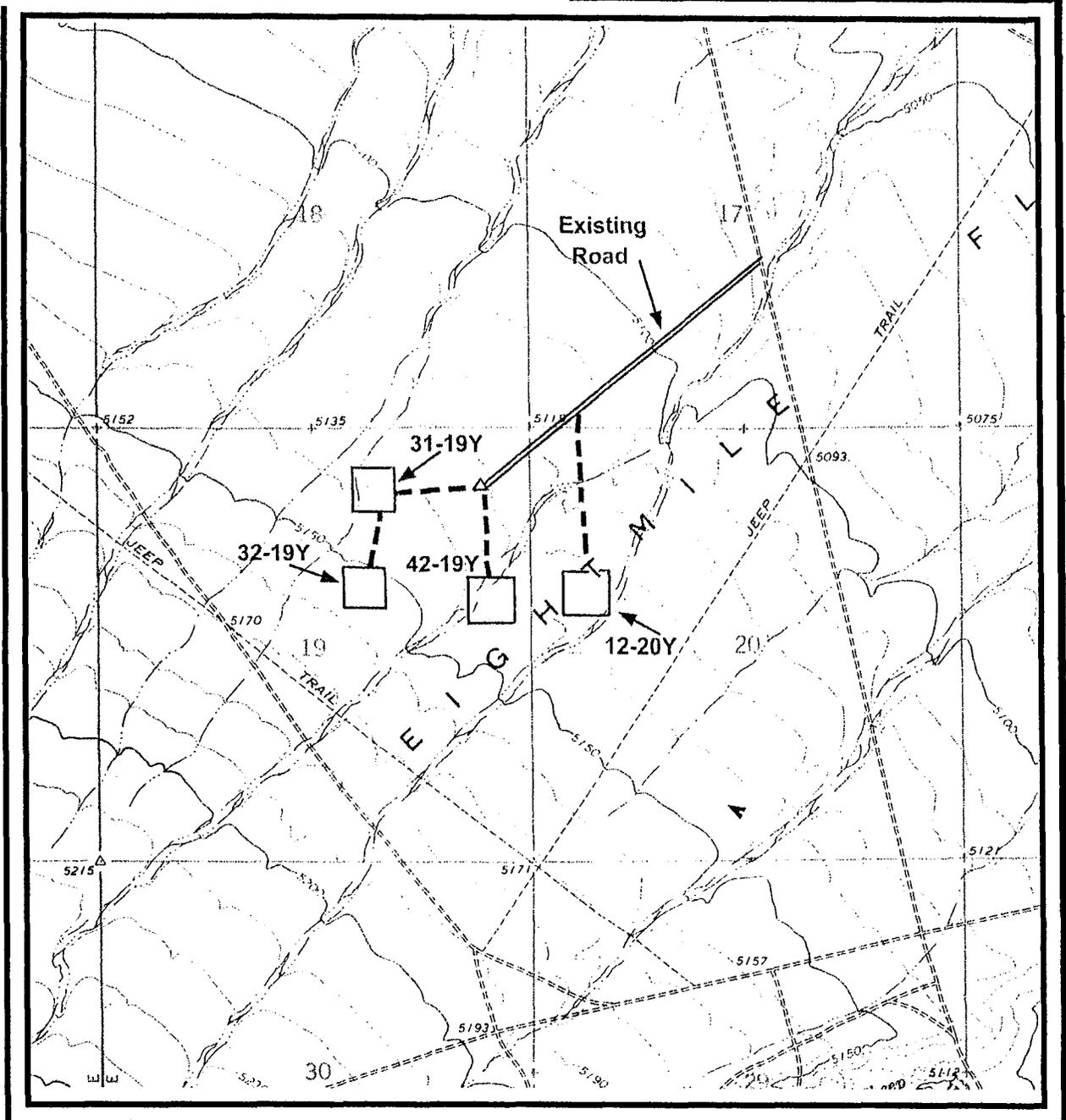
UTAH

Meridian: Salt Lake B & M

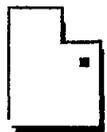
(After PHYSIOGRAPHIC SUBDIVISIONS
OF UTAH by W.L. Stokes)

**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

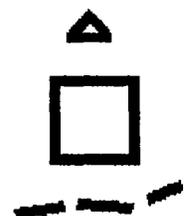
R. 18 East

Meridian: Salt Lake B & M

Well Location

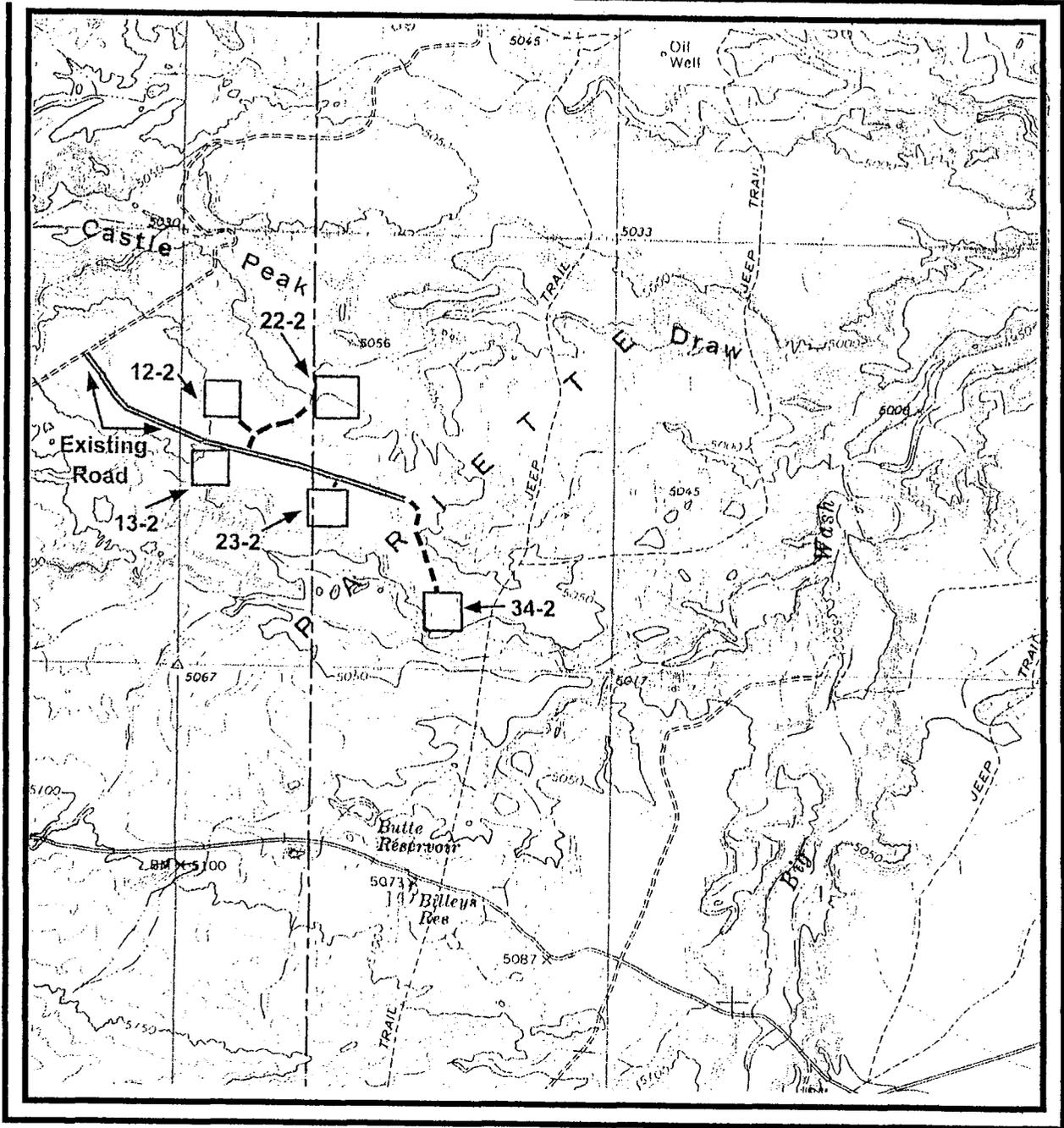
Ten Acre Survey Plot

Access Route

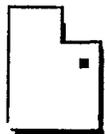


**MAP 3: CULTURAL RESOURCE SURVEY
 OF BALCRON UNITS 12-2, 13-2, 22-2,
 23-2, & 34-2 IN THE CASTLE PEAK
 DRAW LOCALITY OF DUCHESNE AND
 Uintah Counties, Utah**

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



LEGEND:



UTAH

T. 9 South

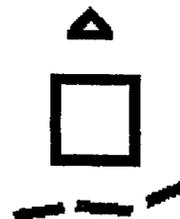
R. 17 East

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.

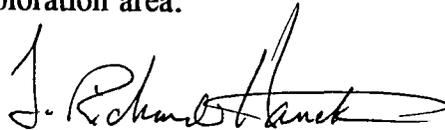
No diagnostic isolated artifacts were observed and recorded during the evaluation. Two non-diagnostic tools were noted in the area of Monument State well 23-2 and one on the access route into Monument State well 34-2. These tools were all simple choppers constructed by bifacially removing several flakes 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.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

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.

Hauck, F. Richard and Dennis Weder

- 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.

43-047-32610
95 17E 02



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

DIV OF OIL, GAS & MINING

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)

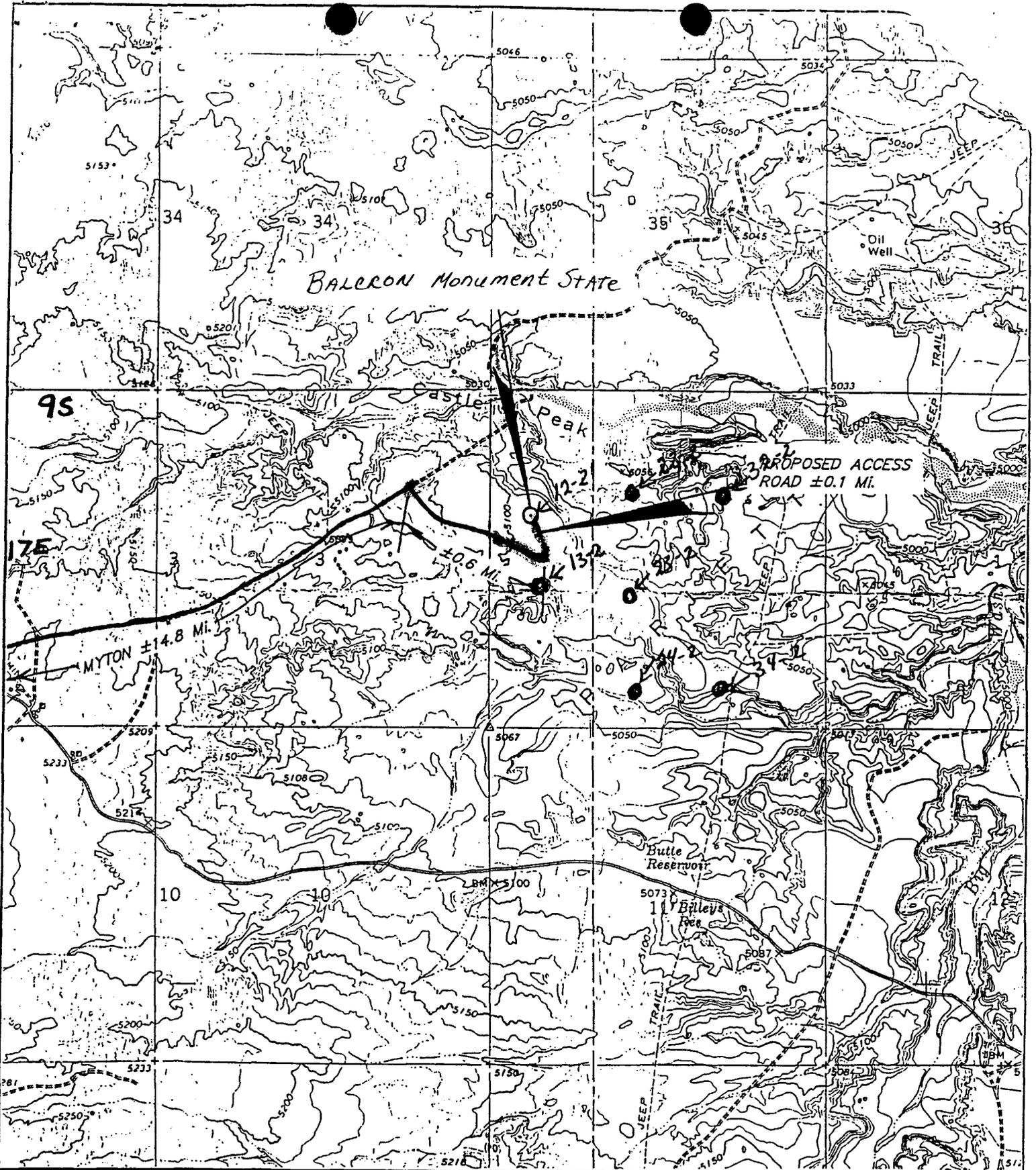
Regulatory and Environmental Specialist
(Title)

January 9, 1995
(Date)

Jon Inghat
(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

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT STATE 22-2

Api No. 43-047-32610

Section 2 Township 9S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 3/6/95

Time _____

How ROTARY

Drilling will commence _____

Reported by D. HACKFORD-DOGM

Telephone # _____

Date: 3/7/95 Signed: JLT

MAR 13 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.

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: 1980' ENL & 1980' FWL County: Uintah
QQ, Sec., T., R., M.: SE NW Section 2, T9S, R17E State: Utah

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 #22-2

9. API Well Number:

43-047-32610

10. Field and Pool, or Wildcat:

Undesignated/GreenRiver

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 Spud.
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion 3-6-95

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.)

This well was spud at 3:30 p.m. on 3-6-95.

13.

Name & Signature: Bobbie Schuman, Bobbie Schuman

Regulatory and
Title: Environmental Specialist Date: 3-7-95

(This space for State use only)

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

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11742	43-047-32610	Balcron Monument State #22-2	SE NW	2	9S	17E	Uintah	3-6-95	3-6-95
WELL 1 COMMENTS: Entity added 3-14-95. fee 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)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

(3/89)

Bobbie Schuman
 Signature
 Regulatory & Environmental Specialist
 Title
 DATE: 3-7-95
 Phone No. (406) 259-7860
 Date

MAR 13 1995

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REC-105

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: ML-45555
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, Billings, MT 59102 (406) 259-7860		7. Unit Agreement Name: n/a
4. Location of Well Footages: 1980' ENL & 1980' FWL QQ, Sec., T., R., M.: SE NW Section 2, T9S, R17E		8. Well Name and Number: Balcron Monument State #22-2
		9. API Well Number: 43-047-32610
		10. Field and Pool, or Wildcat: Undesignated Field/Green River
		County: Uintah State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<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 type="checkbox"/> Other _____	<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>Report of First Production</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>4-4-95</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.)

First production on this well was on 4-4-95 at 10:00 a.m.

13. Name & Signature: Molly Conrad, Molly Conrad Title: Operations Secretary Date: 4-4-95

(This space for State use only)

GEOLOGIC AND DRILLING REPORT

42-047-32610

BALCRON OIL

MONUMENT STATE NO. 22-2

SE NW SECTION 2-T9S-R17E

UINTAH COUNTY, UTAH

CONFIDENTIAL

**BALCRON OIL DIVISION
Equitable Resources Energy, Corp.
P.O. BOX 21017
Billings, Montana 59104**

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MONUMENT STATE NO. 22-2

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Strip Log-----	Pocket

Prepared by:

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

Well Summary

OPERATOR: Balcron Oil
LEASE AND WELL NAME: Monument State No. 22-2
LOCATION: 1980' fn, 1980' fw Section 2-T9S-R17E
Uintah County, Utah
ELEVATION: 5047 Ground, 5057 K.B.
SPUD DATE: March 9, 1995 @3:30 PM
COMPLETION DATE: Ran 5 1/2" Production Casing on 3-15-95
CASING POINT, DATE: March 14, 1995
TOTAL DEPTH: 4798' Driller Depth, 4797' Logger Depth
WELL STATUS: Awaiting Completion as Oil Well
DRILLING CONTRACTOR: Union Drilling Co., Inc.
RIG NO.: 17
HOLE SIZE: Surface; 12 1/4" to 287' Main Hole; 7 7/8" to T.D.
SURFACE CASING: 6 Joints (261.25') 8 5/8", 24# @271.25' K.B.
Cement w/160 sx "G" w 1/4#/sk Cel-O-Seal,
2% CaCl
MUD PROGRAMS: Air and Mist to 3992';
KCL water to Total Depth
LOGS: Schlumberger AZ RL, 1 PLL
CORES: None
DRILL STEM TESTS: None
SAMPLE QUALITY: Good
PRODUCTION CASING: 5 1/2", 15.5# @ Total Depth
DRILLING EQUIPMENT: BLOW OUT PREVENTER:
RIG: Draw Works Cabot-Franks Rocket Make Schaeffer, Model 10" - 3000#
Mast Make Cabot Height 87' Type Hydraulic Dbl Ram
Power Caterpillar 343 Diesel Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: NO. 20, Length 596'
Thread 4"H-90, ID 2 1/2", OD 6"
PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

Monument State No. 22-2

DAILY DEPTH AT 6:00 A.M.

<u>DATE</u>	<u>PENETRATION</u>		<u>TIME DISTRIBUTION</u>				<u>REMARKS</u>
	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>DRILLING</u>	<u>REPAIRS</u>	<u>OTHER</u>	<u>DAY WORK</u>	
2/25-2/4/95	-	-	-	-	-	-	Build Location
3-6-95	-	-	-	-	-	-	Spud @3:30 PM
3-7-95	287	287	5	-	9 1/2	-	Run & Cmt 8 5/8" Csg; WOC
3-8-95	1040	753	12 1/2	-	11 1/2	-	WOC; Nipple Up Test BOP
3-9-95	2425	1385	21 3/4	1/2	1 3/4	-	-
3-10-95	3712	1287	22 1/4	-	1 3/4	-	-
3-11-95	4295	583	18 3/4	-	5 1/4	-	Trip f/Bit; Mud Up
3-12-95	4892	597	22 1/2	1	1/2	-	-
3-13-95	5486	594	20 1/4	-	3 3/4	-	Trip f/Hole in Pipe
3-14-95	5798	312	12 3/4	-	11 1/4	-	Trip f/Hole in Pipe
3-15-95	5798	-	-	-	24	-	Logging; DDP Run & Cmt 5 1/2" Csg Rig Release @6:00 AM

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 135 3/4 Hours
 Days on Location----- 9 Days
 Rig Repair----- 1 1/2 Hours
 Day Work----- 0 Hours

Mud Check



Monument State No. 22-2

<u>DATE</u>	<u>DEPTH</u>	<u>WT.</u>	<u>VIS.</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>CHLORIDES</u>	<u>KCI</u>
3-7-95	287					Drilling with Air & Mist		
3-8-95	1040					Drilling with Air & Mist		
3-9-95	2425					Drilling with Air & Mist		
3-10-95	3712					Drilling with Air & Mist		
3-11-95	4295	8.4	26	10	-	-	9800	2.2%
3-12-95	4892	8.4	26	10	-	-	9600	2%
3-13-95	5486	8.4	26	10	-	-	9600	2%
3-14-95	5798	8.4	26	10	-	-	10,400	2.2%

Mud Additives

KCL----- 50 sx
Sawdust----- 3 sx
Poly S----- 2 Cans

Lime----- 25 sx
KD 700----- 2 Bbl
Foamer----- 8 Cans

Bit Record



Monument State No. 22-2

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	12 1/4"	STC	FB	Open	287	287	5	3-5M	40	Mist	150	1800 CFM
2	7 7/8"	SEC	S88CF	24	3992	3705	62 1/4	40	60	Mist	300	1800 CFM
3	7 7/8"	HTC	ATJ-44	13	5798	1806	68 1/2	40	70	53	1075	3 1/2°

Deviation Record

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
560	1/4°	3064	2°
1070	0°	3525	2 1/4°
1528	1/4°	4000	2 1/4°
2025	1°	4500	2 1/4°
2535	1 1/4°	5020	3 1/2°

Show Report



Monument State No. 22-2

NO	DEPTH	DRILL RATE, Min/Ft			TOTAL GAS Units			CHROMATOGRAPH %				
		From - To	Before	During	After	Before	Peak	After	C1	C2	C3	C4
1	4776-4786		2.1	1	2.5	3	16	3	0.32	0.15	0.1	0.1
2	4878-4882		3	1.1	3	3	44	3	0.15	0.20	0.2	0.15
3	4894-4904		2	1	2	3	30	3	0.35	0.50	0.2	0.20
4	5223-5240		2	1.2	2.2	3	14	5	0.10	0.40	0.30	0.30
5	5558-5576		2	1.2	2.2	80	360	40	2.7	1.2	0.45	0.30
6	5736-5746		3.0	1.4	2.6	40	70	20	0.6	0.2	0.2	0.2
7	5764-5792		2.6	1.2	2.8	20	70	30	0.5	0.1	0.1	0.1

REMARKS

- 1 - Sandstone - light gray, buff, very fine to fine grained, silty, angular, slightly calcareous, poor to fair porosity, light brown oil saturation, strong yellow-gold fluorescence, instant strong streaming cut.
- 2 - Sandstone - tan, very fine to fine grained, slightly silty, angular, poor to good porosity, light brown oil saturation, strong yellow-gold fluorescence, instant strong streaming cut.
- 3 - Sandstone - as in No. 2 with show as in No. 2.
- 4 - Sandstone - light gray, tan, very fine to fine grained, silty, angular, calcareous, tight to poor porosity, brown oil saturation, yellow-gold fluorescence, strong streaming cut.
- 5 - Sandstone - clear, light gray, fine to coarse grained, sub-angular to angular, mostly loose grains, poor to good porosity, light brown oil saturation, uniform yellow-gold fluorescence, instant streaming cut.
- 6 - Sandstone - white, light gray, fine to medium grained, angular to sub-rounded, calcareous to clay filled, mostly tight, some has poor to fair porosity, light brown oil stain, yellow-gold fluorescence, instant strong streaming cut.
- 7 - Sandstone - clear, white, fine to coarse grained, angular to sub-rounded, mostly loose grains, calcareous, some clay filling, apparent fair to good porosity, very faint tan oil stain, faint yellow-gold fluorescence, slight streaming cut.

Formation Data



Monument State No. 22-2

Log Tops

<u>ELEVATIONS</u>	<u>5047 GL</u>	<u>5057 K.B.</u>	<u>STRUCTURAL</u>
<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>RELATIONSHIP</u>
		<u>THICKNESS</u>	<u>HIGH/LOW</u>
Uinta	Surface	+5047	35 Feet Low
Green River	1465	+3592	42 Feet Low
Horseshoe Bench	2354	+2703	49 Feet Low
2nd Garden Gulch	3916	+1141	68 Feet Low
Y-2 Sandstone	4209	+848	66 Feet Low
Yellow Marker	4522	+535	63 Feet Low
Douglas Creek	4689	+368	65 Feet Low
R-2	4770	+287	76 Feet Low
2nd Douglas Creek	4933	+124	67 Feet Low
Green Marker	5079	-22	71 Feet Low
G-5	5268	-211	81 Feet Low
Black Shale Marker	5379	-322	82 Feet Low
Carbonate Marker	5517	-460	60 Feet Low
B-1	5558	-501	80 Feet Low
TOTAL DEPTH	5797'		

REFERENCE WELL : Balcron Oil
Monument State No. 23-2
(1320' South)

Sample Description



Balcron Oil
Monument State No. 22-2
Uintah County, Utah
SE NW Section 2-T9S-R17E

Samples caught from Blooie Line; Examined at the Well Site; Sample quality excellent; 50 Foot Sample Intervals.

1400 - 1450 Sandstone - light gray to clear, very fine to fine grained, angular, partly clay filled, slightly calcareous, fair porosity, *no show*;
Shale - light gray, lumpy to fissile, firm, calcareous.

LOG TOP, GREEN RIVER 1465' (+3592')

1450 - 1500 Marl - buff, tan, brown, firm, petroliferous; some Shale and Sandstone - as above.

1500 - 1600 No change.

1600 - 1650 Sandstone - light gray, clear, angular to sub-rounded, mostly loose grains; Marl - as above; Shale - as above.

1650 - 1700 Marl - tan, brown, light gray, firm, petroliferous; Calcite fragments - clear.

1700 - 1750 Marl - light to dark brown, hard, petroliferous.

1750 - 1800 Marl - as above; Calcite fragments - white to clear.

1800 - 1850 No change.

1850 - 1900 Marl - tan to brown, brownish gray, firm, petroliferous.

1900 - 1950 No change.

1950 - 2000 No change.

2000 - 2050 Marl - light to dark brown, grayish brown, firm, petroliferous.

2050 - 2100 No change.

2100 - 2150 Marl - tan, brown, firm, petroliferous.

2150 - 2200 Marl - dark brown, firm, petroliferous.

2200 - 2250 As above; Calcite fragments.

2250 - 2300 No change.

2300 - 2350 Shale - light gray, brownish gray, hard, blocky, calcareous;
Sandstone - light gray, very fine grained, silty, angular, clay filled, slightly calcareous, tight; Marl - as above.

LOG TOP, HORSESHOE BENCH 2354' (+2703')

2350 - 2400 Shale - light gray, buff, tan, calcareous, hard;
Sandstone - as above, calcareous, hard, tight.

2400 - 2450 Sandstone - tan to brown, very fine grained, angular, limey, tight, no show; some Shale - as above.

2450 - 2500 As above; Calcite - white, clear; Marl - brown, hard, petroliferous.

2500 - 2550 Marl - tan, brown, firm, partly gritty, petroliferous;
some Sandstone and Calcite fragments.

2550 - 2600 No change.

2600 - 2650 Marl - tan, brown, grayish brown, gritty, firm, petroliferous.

2650 - 2750 No change.

2750 - 2800 Marl - dark brown, hard, petroliferous.

2800 - 2850 Marl - tan, brown, grayish brown, firm, petroliferous.

2850 - 2950 No change.

2950 - 3000 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, hard, tight, slightly salt and pepper; Shale - medium gray, lumpy to blocky, hard, calcareous.

- 3000 - 3050 Sandstone - white to clear, sub-angular to sub-rounded, fine to coarse, grained, apparent good porosity, mostly loose grains, slightly calcareous, few scattered "blobs" of waxey brown live oil, water sand.
- 3050 - 3100 Marl - tan, brown, grayish brown, hard, petroliferous.
- 3100 - 3150 As above; trace of Shale - black, fissile to blocky; very petroliferous.
- 3150 - 3200 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, hard, tight; Claystone - light gray, brittle; Limestone - cream, buff, silty.
- 3200 - 3250 Sandstone - as above, very fine to medium grained, silty, mostly clear quartz grains, some poor to fair porosity, scattered patches of dark brown oil stain, yellow brown fluorescence, faint streaming cut; Claystone - as above.
- 3250 - 3300 Marl - buff, tan, brown, firm, blocky, petroliferous.
- 3300 - 3350 Marl - as above; Limestone - cream, buff, silty to sandy.
- 3350 - 3400 Marl - tan, petroliferous; Limestone - buff, tan, micritic; Sandstone - light gray, very fine to fine grained, angular, calcareous, tight; Claystone - light gray, hard, brittle.
- 3400 - 3450 Marl - tan, brown, light brownish gray, hard, petroliferous; Limestone - cream, buff, tan, fragmental to micritic.
- 3450 - 3500 Limestone - cream, buff, chalky, micritic to fragmental; Marl - as above.
- 3500 - 3550 Claystone - light gray, gritty to silty, firm; Marl - as above.
- 3550 - 3600 Claystone - light gray, silty; grades to Siltstone - light gray, very sandy, calcareous, hard.
- 3600 - 3650 Shale - medium gray, firm, fissile to blocky, calcareous; Marl - chocolate brown, blocky, firm, petroliferous.
- 3650 - 3700 Shale - as above; Marl - light brown, firm, petroliferous; Sandstone - tan to light gray, very fine to fine grained, angular, calcareous, hard, tight.

- 3700 - 3750 Marl - tan, brown, firm, blocky, petroliferous; Shale - light to medium gray, blocky, calcareous, hard, silty to sandy; Limestone - buff, tan, micritic.
- 3750 - 3800 Marl - tan, brown, brownish gray, hard, blocky, petroliferous; Limestone - buff, tan, micritic, slightly argillaceous.
- 3800 - 3850 No change.
- 3850 - 3900 Shale - light to medium gray, locally greenish gray, hard, blocky to fissile, calcareous; Sandstone - white, clear, very fine to fine grained, angular, calcareous, hard, tight.

LOG TOP, 2nd GARDEN GULCH 3916' (+1141')

- 3900 - 3950 Limestone - cream, tan, micritic, partly fragmental; some Sandstone and Shale - as before; Marl - tan, brown, blocky, petroliferous.
- 3950 - 4000 Shale - light gray, blocky, calcareous, firm; Sandstone - as above; some Limestone - as above.

Begin 30 Foot Samples.

- 4000 - 4030 Shale - light to medium gray, grayish green, hard, blocky, calcareous; some Limestone and Sandstone.
- 4030 - 4060 Limestone - buff, tan, micritic to fragmental; Shale - light gray, blocky to fissile, firm, calcareous.
- 4060 - 4090 Shale - as above; Sandstone - white, clear, very fine grained, silty, angular, calcareous, tight; some Marl - tan, brown, blocky, petroliferous.
- 4090 - 4120 Shale - as above; Siltstone - light gray, limey, sandy; some Marl.
- 4120 - 4150 Marl - tan, brown, firm, petroliferous; Shale - light gray, greenish gray, firm, blocky, calcareous.
- 4150 - 4180 Shale - as above; Siltstone - light gray, sandy, calcareous; some Marl.
- 4180 - 4210 As above; Sandstone - white, light gray, slightly salt and pepper, very fine grained, angular, calcareous, light.

LOG TOP, Y-2 SANDSTONE 4209' (+848')

- 4210 - 4240 Sandstone - as above; some Shale and Marl - as above.
- 4240 - 4270 Shale - light gray, fissile to blocky, calcareous, firm, locally gritty to silty; some Sandstone and Marl.
- 4270 - 4300 Marl - tan, brown, medium gray, petroliferous; some Shale and Sandstone.
- 4300 - 4330 Limestone - cream, buff, tan, micritic to fragmental; Marl - as above; Sandstone - light gray, clear, very fine to fine grained, silty, angular, calcareous, hard, tight; Shale - light gray, blocky, calcareous.
- 4330 - 4360 Shale - light gray, blocky to fissile, gritty, calcareous; some Sandstone and Marl; trace of Limestone.
- 4360 - 4390 Shale - light to medium gray, fissile to blocky, locally gritty to silty, calcareous; Sandstone - light gray, very fine grained, silty, angular, calcareous, tight; some Marl.
- 4390 - 4420 Marl - tan, brown, blocky, petroliferous; some Limestone - buff, tan, micritic; trace of Shale and Sandstone.
- 4420 - 4450 Shale - light gray, fissile to blocky, calcareous; Sandstone - white, clear, very fine grained, silty, angular, calcareous, tight; some Marl and Limestone.
- 4450 - 4480 As above; Siltstone - light gray, calcareous.
- 4480 - 4510 Marl - tan, grayish brown, blocky, petroliferous; Shale - medium gray, blocky to lumpy, calcareous; some Siltstone, Sandstone and Limestone.

LOG TOP, YELLOW MARKER 4522' (+535)

- 4510 - 4540 No Change.
- 4540 - 4570 Shale - light gray, blocky to lumpy, gritty, calcareous; Marl, Sandstone and Siltstone.
- 4570 - 4600 Marl - tan, brown, blocky, petroliferous; Sandstone - white, very fine grained, angular to sub-rounded, calcareous, tight; Shale - light gray, calcareous, lumpy to fissile; Claystone - white.

- 4600 - 4630 Siltstone - white, light gray, sandy, calcareous; Shale - light gray, blocky to fissile, gritty, calcareous; some Marl - tan, brown, petroliferous.
- 4630 - 4660 Sandstone - white, very fine grained, silty, angular, calcareous, tight; Siltstone, Shale and Marl - as above.
- 4660 - 4690 Marl - tan, brown, black, blocky, petroliferous.

LOG TOP, DOUGLAS CREEK 4689' (+368')

- 4690 - 4720 Siltstone - light gray, sandy, calcareous; Shale - as above; some Marl.
- 4720 - 4750 Siltstone - light gray, grayish brown, calcareous; Limestone - tan, brown, micritic, argillaceous.

LOG TOP, R-2 SANDSTONE 4770' (+287')

- 4750 - 4780 Shale - light gray, blocky to fissile, calcareous; Siltstone - white, calcareous; Sandstone - light gray, buff, very fine to fine grained, silty, angular, slightly calcareous, poor to fair porosity, light brown oil saturation, strong yellow-gold fluorescence, strong instant streaming cut.
- 4780 - 4810 Sandstone - white, very fine grained, silty, angular, calcareous, tight, scattered show, as above; Siltstone - light gray, very calcareous, partly sandy; Shale - light gray, blocky, calcareous.
- 4810 - 4840 Claystone - light gray, fissile; Shale - light to medium gray, blocky to fissile, calcareous; Marl - tan, brown, petroliferous.
- 4840 - 4870 As above; Sandstone - white, very fine grained, silty, angular, tight.
- 4870 - 4900 Sandstone - tan, very fine to fine grained, slightly silty, angular, poor to good porosity, light brown oil saturation, yellow-gold fluorescence, instant strong streaming cut; Shale, Claystone and Marl; as in 4810 - 4840'.
- 4900 - 4930 Limestone - buff, tan, brown, micritic, slightly argillaceous; Marl - tan, brown, fissile to blocky, petroliferous.

LOG TOP, SECOND DOUGLAS CREEK 4933' (+124')

- 4930 - 4960 Marl - as above; Shale - light to medium gray, lumpy to fissile, calcareous.
- 4960 - 4990 Limestone - cream, buff, tan, micritic; some Shale and Marl - as above; Siltstone - light gray, calcareous.
- 4990 - 5020 Shale - light gray, lumpy to fissile, calcareous; Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, tight, no show; Marl - as above.
- 5020 - 5050 No change.

LOG TOP, GREEN MARKER 5079' (-22')

- 5050 - 5080 Shale and some Marl - as above; Siltstone - light gray, sandy, calcareous.
- 5080 - 5110 No change.
- 5110 - 5140 No change.
- 5140 - 5170 Marl - dark grayish brown, fissile to blocky, petroliferous; Limestone - buff, chalky, micritic.
- 5170 - 5200 Sandstone - white, light gray, very fine grained, silty, angular, calcareous, tight, no show; some Marl - brown, tan, petroliferous; some Shale - light gray, fissile, calcareous.
- 5200 - 5230 Shale - light gray, blocky, calcareous; Marl - tan, brown, blocky, petroliferous; Sandstone - light gray, very fine grained; grades to Siltstone - angular, calcareous, tight, scattered brown oil stain and fluorescence, slight, slow streaming cut.
- 5230 - 5260 Sandstone - light gray, tan, very fine to fine grained, silty, angular, calcareous, tight to poor porosity, brown oil saturation and yellow-gold fluorescence, quick strong streaming cut; Shale - light gray, lumpy to blocky, hard, calcareous.

LOG TOP, G-5 SANDSTONE 5268' (-211')

- 5260 - 5290 Some Sandstone - as above; Sandstone - white, light gray, very fine to fine grained, silty, angular, calcareous, tight, no show; Marl - tan, brown, petroliferous; Shale - as above.

- 5290 - 5320 Shale - light gray, fissile to blocky, calcareous, hard, partly gritty to silty.
- 5320 - 5350 Shale - dark gray, dark brownish gray, fissile to blocky, firm, petroliferous appearance.
- 5350 - 5380 Shale - dark brown, black, lumpy to fissile, gritty, carbonaceous, partly calcareous; petroliferous appearance; some Limestone - buff, tan, brown, micritic, argillaceous.

LOG TOP, BLACK SHALE MARKER 5379' (-322')

- 5380 - 5410 No change.
- 5410 - 5440 Shale - dark brown, black, fissile to blocky, slightly calcareous, petroliferous, carbonaceous.
- 5440 - 5470 Siltstone - light gray, sandy, limey, hard; Limestone - tan, brown, micritic, argillaceous; Shale - as above.
- 5470 - 5500 Sandstone - light gray, tan, very fine grained, silty, angular, calcareous, shaley, tight; Shale - light gray, blocky, calcareous.
- 5500 - 5530 Shale - dark brown to black, fissile, gritty, carbonaceous, petroliferous appearance.

LOG TOP, CARBONATE MARKER 5517' (-460')

- 5530 - 5560 Shale - light gray, blocky to fissile, gritty, calcareous; Marl - tan, brown, gray, blocky, petroliferous; Limestone - buff, tan, micritic.

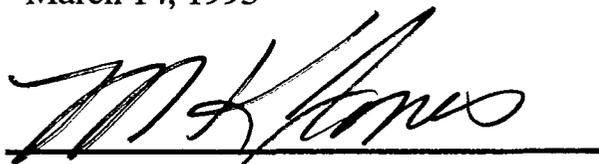
LOG TOP, B-1 SANDSTONE 5558' (-501')

- 5560 - 5590 Sandstone - clear, light gray, fine to coarse grained, sub-angular to angular, mostly loose grains, locally calcareous, partly clay filled, apparent poor to good porosity, light brown oil saturation, uniform yellow-gold fluorescence, instant strong streaming cut.
- 5590 - 5620 Some Sandstone - as above, becoming very fine to medium grained, silty, tight, calcareous, scattered show, as above; Siltstone - buff, light gray, very sandy, calcareous; Marl - tan, brown, blocky, petroliferous; Shale - light gray, blocky, calcareous.

- 5620 - 5650 Shale - dark brown, black, fissile, gritty, carbonaceous, petroliferous; Limestone - buff, tan, micritic; Marl - as above.
- 5650 - 5680 Shale - light gray, blocky, calcareous; Sandstone - white, very fine to medium grained, sub-angular to rounded, calcareous, tight.
- 5680 - 5710 Shale - as above; Marl - buff, tan, gray, blocky to fissile, petroliferous; Siltstone - light gray, calcareous; Limestone - tan, micritic.
- 5710 - 5740 Shale - dark brownish gray, blocky to fissile, carbonaceous, gritty, petroliferous; Shale and Marl - as above; Sandstone - white, very fine to fine grained, sub-angular, calcareous, tight.
- 5740 - 5770 Sandstone - white, light gray, fine to medium grained, angular to sub-rounded, calcareous to clay filled, mostly tight, some has poor to fair porosity, light brown oil stain, yellow-gold fluorescence, instant strong streaming cut; Shale - light gray, lumpy to blocky, calcareous; Marl - tan, brown, petroliferous.
- 5770 - 5798 Sandstone - clear, white, fine to coarse grained, angular to sub-rounded, mostly loose grains, calcareous, some clay filling, apparent fair to good porosity, slight bright yellow fluorescence, slight streaming cut, very faint light brown stain; Shale - light to medium gray, lumpy to blocky, calcareous.

Driller's Total Depth 5798'
 Logger's Total Depth 5797'

March 14, 1995



MK. Jones
 Petroleum Geologist

CONFIDENTIAL

RECEIVED
MAY - 8 1995

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-45555

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument State

9. WELL NO.

#22-2

10. FIELD AND POOL, OR WILDCAT

Undesignated/Green River

11. SEC. T. A. M. OR BLOCK AND SURVEY OR AREA

SE NW Section 2, T9S, R17E

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

1b. 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 1980' FNL & 1980' FWL
At top prod. interval reported below
At total depth

14. API NO. 43-047-32610 DATE ISSUED 12-19-94 12. COUNTY Uintah 13. STATE Utah

15. DATE SPUNDED 3-6-95 16. DATE T.D. REACHED 3-14-95 17. DATE COMPL. (Ready to prod.) 4-4-95 18. ELEVATIONS (DP, RES. RT, CR, ETC.) 5047.26' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TYD 5798' 21. PLUG BACK T.D., MD & TYD 5744.69' 22. IF MULTIPLE COMPL., HOW MANY n/a 23. INTERVALS DRILLED BY n/a ROTARY TOOLS SFC - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD) 4881' - 5242' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS LOG ARI/IPLT/HNGS CBL/GR/OCL 3-16-95 MUD LOG 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#	271.25'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5788.79'	7-7/8"	285 sxs Super "G" w/additives	None
				315 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"	5304' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

5234'-5242' (4 SPF)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
5222'-5227' (4 SPF)	
4896'-4905' (4 SPF)	
4881'-4884' (4 SPF)	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5222' - 5242' 2520 gals 2% KCL wtr. Frac w/25,820# 20/40 & 37,000# 16/30 w/19,942 gals 2% KCL gelled wtr. 4881 - 4905' 2141 gals 2% KCL wtr. Frac w/56,840#

33. DATE FIRST PRODUCTION 4-4-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump PRODUCTION 20/40 sand w/18,732 gals 2% KCL gelled wtr. WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 4-30-95 HOURS TESTED 24 CHOKE SIZE n/a PROD'N. FOR TEST PERIOD 100.90 OIL—SSL. 100.90 GAS—MCF. N.M. WATER—SSL. 0 GAS-OIL RATIO N.M.

FLOW. TUBING PRESS. n/a CASING PRESSURE n/a CALCULATED 24-HOUR RATE 100.90 OIL—SSL. 100.90 GAS—MCF. N.M. WATER—SSL. 0 OIL GRAVITY-API (CORE.) 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 4-4-95 5/5/95

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:

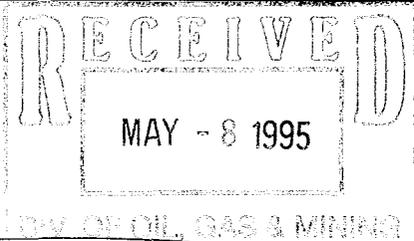
Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.	Name	Top
					Meas. Depth True Vert. Depth
			No DST's run.		
				See Geological Reports submitted separately.	

38.

GEOLOGIC MARKERS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument State #22-2

API number: 43-047-32610

2. Well Location: QQ SE NW Section 2 Township 9S Range 17E County Uintah

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

Buckhamon, WY 26201

Phone: (304) 472-4610

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

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
1200	1400	10 to 15 gallons per minute	Unknown

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: 5-5-95

Name & Signature: Bobbie Schuman, *Bobbie Schuman*

Title: Regulatory and Environmental Specialist

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY CO.
NAME: BALCRON MONUMENT STATE 22-2
SECTION: 2 TWP: 9S RNG: 17E LOC: 1980' FNL 1980' FWL
QTR/QTR SE/NW COUNTY: UINTAH FIELD: UNDESIGNATED
SURFACE OWNER: STATE OF UTAH
SURFACE AGREEMENT: AS PER STATE LANDS
SPACING: 1980 F SECTION LINE 660 F QTR/QTR LINE
STANDARD STATE SPACING R 649-3-2
INSPECTOR: DAVID W. HACKFORD DATE AND TIME: 12/13/94 9:30 AM

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

REGIONAL SETTING/TOPOGRAPHY: SITE IS ON A FLAT WITH AN EIGHT FOOT
HIGH SAND DUNE ALONG SOUTHEAST EDGE OF PROPOSED LOCATION. A DRY
WATERCOURSE RUNS SOUTH TO NORTH 100' WEST OF SITE. ROCKY
OUTCROPPINGS SURROUND SITE.

LAND USE:

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

PROPOSED SURFACE DISTURBANCE: LOCATION 225' X 275' WITH 600'
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 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.
5800' 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

STIPULATIONS FOR APD APPROVAL RESERVE PIT PLACED ON SOUTH 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,
ENVIRONMENTAL).

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
CEMENTING OPERATIONS

WELL NAME: BALCRON MONUMENT STATE #22-2 API NO: 43-047-32610

QTR/QTR: SE/SW SECTION: 2 TOWNSHIP: 9S RANGE: 17E

COMPANY NAME: EQUITABLE RESOURCES COMPANY MAN: AL PLUNKETT

INSPECTOR: DAVID W. HACKFORD DATE: 3/6/95

CASING INFORMATION: SURFACE CASING: YES

SIZE: 8 5/8 GRADE: J55 24 LB. HOLE SIZE: 12 1/4 DEPTH: 271'

PIPE CENTRALIZED: YES: 3 ON STRING

CEMENTING COMPANY: WESTERN

CEMENTING STAGES: ONE

SLURRY INFORMATION:

1. CLASS: G ADDITIVES: 2% CACL. 1/4 LB PER SACK CELLO SEAL

LEAD : 160 SACKS YIELD 1.16 TAIL: _____

2. SLURRY WEIGHT LBS. PER GALLON:

LEAD: 15.8 TAIL: _____

3. WATER (GAL/SX)

LEAD: 4.96 TAIL: _____

CEMENT TO SURFACE: YES LOST RETURNS: NO

1 INCH INFORMATION: WEIGHT: NA CEMENT TO SURFACE: _____

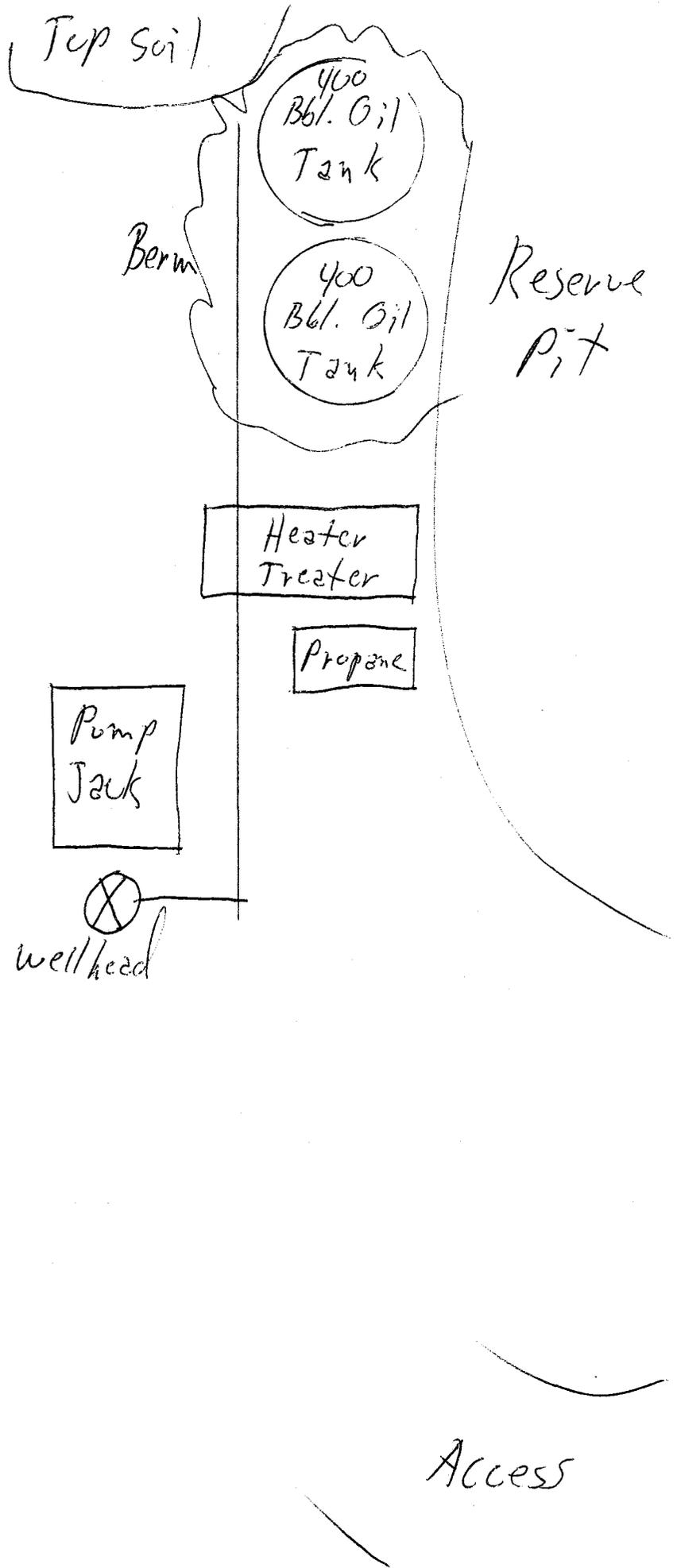
FEET: _____ SX: _____ CLASS: _____ CACL%: _____ RETURNS: _____

ADDITIONAL COMMENTS: JOB WENT WELL; NO PROBLEMS.
SURFACE DRILLED WITH AIR AND FOAM WITH UNION RIG #17. PLUG
BUMPED AT 10:45 PM.

Equitable

Monument State 222

43-047-32610



← North

Access

UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

Operator: Equitable Resources Lease: State: Federal: Indian: Fee:

Well Name: Monument State 22-2 API Number: 43-047-32610

Section: 2 Township: 9S Range: 17E County: Uintah Field: Undesignated

Well Status: POW Well Type: Oil: Gas:

PRODUCTION LEASE EQUIPMENT: CENTRAL BATTERY:

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

PUMPS:
 Triplex Chemical Centrifugal

LIFT METHOD:
 Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:
 Gas Meters Purchase Meter Sales Meter

TANKS:	NUMBER	SIZE	
	<u>2</u>	<u>400</u>	BELS
			BELS
			BELS
			BELS
	<u>1</u>		

REMARKS: Oil tanks have burners.
Excess casinghead gas venting to reserve pit at time
of inspection

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

Inspector: David W. Herford Date: 5/22/95



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



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

July 26, 1995

-- VIA FEDERAL EXPRESS --

Environmental Protection Agency
Underground Injection Control Program
999 - 18th Street (8WM-DW)
Denver, CO 80202-2405

Gentlemen:

Enclosed is a UIC permit application for our Section 2 Waterflood. We are having logs copied and will send those separately as soon as they are received.

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

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs
Enclosure

cc: Utah Division of Oil, Gas and Mining, Dan Jarvis (with UIC Form 1. Affidavit of mailing will follow separately.)
Bureau of Land Management, Vernal District (For your information since some Federal wells are within the Area of Review)
John Zellitti

WATER ANALYSIS REPORT

Company BALCRON
Address.
Field/Lease: Jonah Unit Waterflood
Source Water After Chemical
Report For: JOHN ZELLETTI
cc.
cc.
cc.

Project # 040094

Date Sampled: 2/18/94

Date Received: 2/18/94

Date Reported: 2/18/94

Service Engineer. BARRY CULPEPPER

CHEMICAL COMPONENT	JONAH UNIT
CHLORIDE (mg/l)	300
SULFATE (mg/l)	313
CARBONATE (mg/l)	60
BICARBONATE (mg/l)	305
CALCIUM (mg/l)	80
MAGNESIUM (mg/l)	40.0
IRON (mg/l)	1
BARIUM (mg/l)	
STRONTIUM (mg/l)	
SODIUM (mg/l)	322
pH	7.2
IONIC STRENGTH	0.03
SPECIFIC GRAVITY	1.000
SI@20C (68F)	-0.11
SI@25C (77F)	0.03
SI@30C (86F)	0.18
SI@40C (104F)	0.41
SI@50C (122F)	0.57
SI@60C (140F)	0.79
SI@70C (158F)	0.98
SI@80C (176F)	1.10
SI@90C (194F)	1.29
TDS (mg/l)	1429
TEMPERATURE (F)	
DISSOLVED CO2 (ppm)	0
DISSOLVED H2S (ppm)	0
DISSOLVED O2 (ppm)	

Johnson Water
Association
(Source water)

Exhibit-H
Core Analysis

CORE ANALYSIS STUDY

for

DIAMOND SHAMROCK CORPORATION

ALLEN-FEDERAL 34-5 WELL
MONUMENT BUTTE FIELD
DUCHESNE COUNTY, UTAH

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

DIAMOND SHAMROCK CORP.
 ALLEN-FEDERAL 34-5
 MONUMENT BUTTE FIELD
 DUCHESNE COUNTY, UTAH

DATE : 9-21-83
 FORMATION : GREEN RIVER
 DRLG. FLUID: WBM
 LOCATION : SW SE SEC. 5 T9S R17E

FILE NO : 3807-0054
 ANALYSTS : R. MOHL
 ELEVATION: 5205 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. H _e	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	4995.0-07.0						SHALE-NO ANALYSIS
1	5007.0-08.0	0.01	2.1	73.6	16.4	2.67	SD VFG LMY
	5008.0-09.0						SHALE-NO ANALYSIS
	5009.0-11.0						LOST CORE
2	5011.0-12.0	0.01	4.0	58.9	31.4	2.65	OVF SD VFG LMY
3	5012.0-13.0	0.01	4.3	50.8	36.3	2.66	OVF SD VFG SL/LMY
4	5013.0-14.0	0.03	4.5	48.9	32.6	2.66	OVF SD VFG SL/LMY
5	5014.0-15.0	0.03	4.8	46.9	33.8	2.66	OVF SD VFG SL/LMY
6	5015.0-16.0	0.05	5.3	48.0	30.7	2.67	SD VFG SL/LMY
7	5016.0-17.0	0.02	5.0	57.2	20.2	2.66	SD VFG SL/LMY
8	5017.0-18.0	0.12	6.1	67.1	14.9	2.65	SD VFG SL/LMY
9	5018.0-19.0	0.11	8.5	62.1	16.3	2.65	SD VFG SL/LMY
10	5019.0-20.0	0.16	8.1	65.4	15.7	2.66	OVF SD VFG SL/LMY
11	5020.0-21.0	0.08	5.5	57.5	16.9	2.66	SD VFG SL/LMY
12	5021.0-22.0	0.01	4.8	51.6	28.9	2.70	OVF SD VFG LMY
13	5022.0-23.0	0.05	4.5	67.5	14.5	2.67	SD VFG LMY
14	5023.0-24.0	0.02	3.0	54.6	15.6	2.74	SD VFG V/LMY
15	5024.0-25.0	21.	15.0	40.8	9.4	2.67	SD VFG SL/LMY
16	5025.0-26.0	32.	15.8	44.7	8.7	2.68	OVF SD VFG SL/LMY
17	5026.0-27.0	53.	10.4	38.5	8.7	2.66	OVF SD VFG SL/LMY
18	5027.0-28.0	2.73	8.6	51.0	9.4	2.66	OVF SD VFG LMY
19	5028.0-29.0	0.01	3.8	62.1	16.6	2.66	OVF SD VFG LMY
	5029.0-36.0						SHALE-NO ANALYSIS
	5036.0-38.0						LOST CORE
	5038.0-45.0						SHALE-NO ANALYSIS

OVF=OPEN VERTICAL FRACTURE

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
 ALLEN-FEDERAL 34-5

DATE : 9-21-83
 FORMATION : GREEN RIVER

FILE NO. : 3807-C
 ANALYSTS : R. MOH

*** CORE SUMMARY AND CALCULATED RECOVERABLE OIL ***

DEPTH INTERVAL: 5011.0 TO 5029.0

FEET OF CORE ANALYZED : 18.0 FEET OF CORE INCLUDED IN AVERAGES: 18.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.00 TO 55.	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGE PERMEABILITY (MILLIDARCIES)		AVERAGE TOTAL WATER SATURATION	:	16.9
ARITHMETIC PERMEABILITY	:	(PERCENT OF PORE SPACE)		
GEOMETRIC PERMEABILITY	:			
HARMONIC PERMEABILITY	:	AVERAGE CONNATE WATER SATURATION	:	(E) 15.5
		(PERCENT OF PORE SPACE)		
PRODUCTIVE CAPACITY (MILLIDARCY-FEET)		OIL GRAVITY (API)	:	(E) 38.0
ARITHMETIC CAPACITY	:			
GEOMETRIC CAPACITY	:	ORIGINAL FORMATION VOLUME FACTOR	:	(E) 1.10
HARMONIC CAPACITY	:	(BBL'S SATURATED OIL/STOCK-TANK BBL)		
AVERAGE POROSITY (PERCENT)	:	ORIGINAL STOCK-TANK OIL IN PLACE	:	(C) 404.
		(BARRELS PER ACRE-FOOT)		
AVERAGE RESIDUAL OIL SATURATION	:			
(PERCENT OF PORE SPACE)	:			

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INTERPRETATION OF DATA

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(C) CALCULATED (E) ESTIMATED (H) MEASURED (*) REFER TO ATTACHED LETTER.

CORE ANALYSIS RESULTS

for

DIAMOND SHAMROCK CORPORATION

PAIUTE-FEDERAL 24-8 WELL
SAND WASH FIELD
DUCHESNE COUNTY, UTAH

CORE LABORATORIES, INC.
 Petroleum Reservoir Engineering
 DALLAS, TEXAS

PAGE 1

DIAMOND SHAMROCK CORP.
 PAIUTE-FEDERAL 24-8
 SAND WASH FIELD
 DUCHESNE COUNTY, UTAH

DATE : 2-26-83
 FORMATION : DOUGLAS CREEK
 DRLG. FLUID: WBM
 LOCATION : SE SW SEC. 8 T9S R17E

FILE NO : 3807-0035
 ANALYSTS : R. MOHL
 ELEVATION: 5350 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	4721.0-24.0						LOST CORE
1	4724.0-25.0	2.12	13.6	65.2	15.6	2.65	SD VFG-FN SL/LMY
2	4725.0-26.0	0.45	9.6	53.6	9.5	2.66	SD VFG-FN SL/LMY
3	4726.0-27.0	1.71	12.3	50.2	8.9	2.65	SD VFG-FN SL/LMY
4	4727.0-28.0	7.06	16.3	51.0	5.1	2.65	SD VFG-FN SL/LMY
5	4728.0-29.0	18.	16.7	47.8	6.3	2.66	SD VFG-FN SL/LMY
6	4729.0-30.0	18.	17.0	47.3	6.6	2.66	SD VFG-FN SL/LMY
7	4730.0-31.0	8.95	15.5	52.4	5.7	2.66	SD VFG-FN SL/LMY
8	4731.0-32.0	0.75	9.2	38.1	12.7	2.67	SD VFG-FN SL/LMY
9	4732.0-33.0	0.03	8.2	59.1	6.3	2.66	SD VFG-FN SL/LMY
10	4733.0-34.0	4.52	14.4	44.6	8.6	2.67	SD VFG-FN LMY
11	4734.0-35.0	5.90	14.4	46.4	6.0	2.67	SD VFG-FN LMY
12	4735.0-36.0	0.63	8.2	46.9	11.7	2.67	SD VFG-FN LMY MICA
	4736.0-37.0						SHALE-NO ANALYSIS
13	4737.0-38.0	0.01	4.9	68.9	13.8	2.66	SD VFG SL/ARGIL-LMY MICA
14	4738.0-39.0	0.14	6.3	56.9	13.4	2.66	OVF SD VFG-FN LMY MICA

OVF=OPEN VERTICAL FRACTURE

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
 PAIUTE-FEDERAL 24-8

DATE : 2-26-63
 FORMATION : DOUGLAS CREEK

FILE NO. : 3807-00
 ANALYSTS : R. MOHL

*** CORE SUMMARY AND CALCULATED RECOVERABLE OIL ***

DEPTH INTERVAL: 4724.0 TO 4739.0

FEET OF CORE ANALYZED : 14.0 FEET OF CORE INCLUDED IN AVERAGES: 14.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.01 TO 20.	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGE PERMEABILITY (MILLIDARCIES)		AVERAGE TOTAL WATER SATURATION	:	8.6
ARITHMETIC PERMEABILITY	:	(PERCENT OF PORE SPACE)		
GEOMETRIC PERMEABILITY	:			
HARMONIC PERMEABILITY	:	AVERAGE CONNATE WATER SATURATION	:	(E) 6.5
		(PERCENT OF PORE SPACE)		
PRODUCTIVE CAPACITY (MILLIDARCY-FEET)		OIL GRAVITY (API)	:	(E) 25.0
ARITHMETIC CAPACITY	:			
GEOMETRIC CAPACITY	:	ORIGINAL FORMATION VOLUME FACTOR	:	(E) 1
HARMONIC CAPACITY	:	(BBLS SATURATED OIL/STOCK-TANK BBL)		
AVERAGE POROSITY (PERCENT)	:	ORIGINAL STOCK-TANK OIL IN PLACE	:	(C) 799.
		(BARRELS PER ACRE-FOOT)		
AVERAGE RESIDUAL OIL SATURATION	:			
(PERCENT OF PORE SPACE)	:			

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INTERPRETATION OF DATA

INTERVAL 4724-4739 OIL PRODUCTIVE AFTER SUCCESSFUL STIMULATION.

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(C) CALCULATED (E) ESTIMATED (M) MEASURED (*) REFER TO ATTACHED LETTER.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PAGE 1

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 24-8
SAND WASH FIELD
DUCHESNE COUNTY, UTAH

DATE : 3-1-83
FORMATION : WASATCH
DRLG. FLUID: WBM
LOCATION : SE SW SEC. 8 T9S R17E

FILE NO : 3807-0035
ANALYSTS : R. MOHL
ELEVATION: 5350 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _z MAXIMUM	POR. H _e	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
15	5434.0-35.0	0.28	11.5	46.5	11.6	2.67	SD VFG-FN SL/LMY
16	5435.0-36.0	1.47	11.7	43.9	11.5	2.67	SD FN SL/LMY
17	5436.0-37.0	1.81	13.0	43.2	12.3	2.68	SD FN SL/LMY
18	5437.0-38.0	1.00	7.8	55.3	16.6	2.68	SD FN SL/LMY
19	5438.0-39.0	<0.01	3.2	0.0	88.8	2.71	SD VFG MICA SLTY
	5439.0-41.0						SHALE-NO ANALYSIS
20	5441.0-42.0	0.03	4.4	56.1	17.5	2.67	OVF SD VFC-FN SL/LMY
21	5442.0-43.0	0.06	5.0	51.8	24.2	2.67	OVF SD VFG-FN SL/LMY
22	5443.0-44.0	0.08	4.7	49.9	23.3	2.67	OVF SD VFG-FN SL/LMY
23	5444.0-45.0	<0.01	2.8	0.0	83.5	2.70	SD VFG SL/LMY SLTY
24	5445.0-46.0	<0.01	2.7	0.0	90.9	2.71	SD VFG SL/LMY SLTY
25	5446.0-47.0	<0.01	2.1	0.0	72.5	2.71	SD VFG LMY SLTY
	5447.0-52.0						SHALE-NO ANALYSIS
	5452.0-54.0						LOST CORE
	5454.0-63.0						SHALE- NO ANALYSIS
26	5463.0-64.0	<0.01	3.0	0.0	94.6	2.70	SD VFG LMY SLTY
27	5464.0-65.0	<0.01	3.2	0.0	85.4	2.69	SD VFG LMY SLTY
	5465.0-72.0						SHALE-NO ANALYSIS
28	5472.0-73.0	<0.01	3.7	0.0	82.0	2.72	SD VFG-FN LMY S & F
29	5473.0-74.0	0.03	4.4	0.0	48.3	2.66	OVF SD FN-MED LMY S & F
30	5474.0-75.0	0.05	5.9	0.0	48.9	2.67	OVF SD FN-MED LMY S & F MICA
31	5475.0-76.0	0.13	6.1	0.0	51.0	2.67	OVF SD FN-MED LMY S & F MICA
32	5476.0-77.0	0.02	5.6	0.0	82.7	2.69	OVF SD FN-MFD LMY S & F MICA
33	5477.0-78.0	<0.01	3.9	0.0	82.5	2.70	OVF SD VFG-FN LMY S & F
	5478.0-80.0						SHALE-NO ANALYSIS
	5480.0-84.0						LOST CORE

OVF=OPEN VERTICAL FRACTURE

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
 PAIUTE-FEDERAL 24-8

DATE : 3-1-63
 FORMATION : WASATCH

FILE NO. : 3807-0035
 ANALYSTS : R. MOHL

*** CORE SUMMARY AVERAGES FOR 1 ZONE ***

DEPTH INTERVAL: 5434.0 TO 5478.0

FEET OF CORE ANALYZED : 19.0 FEET OF CORE INCLUDED IN AVERAGES: 19.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --

PERMEABILITY HORIZONTAL RANGE (MD.)	:	0.00 TO 2.0	(UNCORRECTED FOR SLIPPAGE)
HELIUM POROSITY RANGE (%)	:	0.0 TO 100.0	
OIL SATURATION RANGE (%)	:	0.0 TO 100.0	
WATER SATURATION RANGE (%)	:	0.0 TO 100.0	

SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGES FOR DEPTH INTERVAL: 5434.0 TO 5478.0

AVERAGE PERMEABILITY (MILLIDARCIES)		PRODUCTIVE CAPACITY (MILLIDARCY-FEET)	
ARITHMETIC PERMEABILITY	: 0.26	ARITHMETIC CAPACITY	: 5.0
GEOMETRIC PERMEABILITY	: 0.03	GEOMETRIC CAPACITY	: 0.59
HARMONIC PERMEABILITY	: 0.01	HARMONIC CAPACITY	: 0.15
AVERAGE POROSITY (PERCENT)	: 5.5	AVERAGE TOTAL WATER SATURATION	: 40.5
		(PERCENT OF PORE SPACE)	
AVERAGE RESIDUAL OIL SATURATION	: 26.6	AVERAGE CONNATE WATER SATURATION **	:
(PERCENT OF PORE SPACE)		(PERCENT OF PORE SPACE)	

** ESTIMATED FROM TOTAL
 WATER SAUTRATION.

bl.

CORE ANALYSIS RESULTS

for

DIAMOND SHAMROCK CORPORATION

PAIUTE-FEDERAL 34-8 WELL
MONUMENT BUTTE FIELD
DUCHESNE COUNTY, UTAH

1980

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
PAIUTE-FEDERAL 34-B
MONUMENT BUTTE FIELD
DUCHESE COUNTY, UTAH

DATE : 9-5-83
FORMATION : GREEN RIVER
DRLG. FLUID: WBM
LOCATION : SW SE SEC. 8 T9S R17E

FILE NO : 3807-0050
ANALYSTS : R. MOHL
ELEVATION: 5302 GL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	FERM Ka MAXIMUM	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
1	4050.0-51.0	2.11	8.4	50.6	16.9	2.66	SD VFG
2	4051.0-52.0	0.42	6.9	50.2	13.2	2.65	SD VFG
3	4052.0-53.0	0.05	4.3	53.5	23.4	2.65	SD VFG SL/LMY
4	4053.0-54.0	0.02	5.5	38.0	43.4	2.66	SD VFG HICA
5	4054.0-55.0	1.50	9.9	34.9	20.4	2.65	SD VFG
6	4055.0-56.0	0.78	10.5	31.7	26.5	2.65	SD VFG
7	4056.0-57.0	1.83	12.2	40.3	26.3	2.66	SD VFG
8	4057.0-58.0	0.93	10.7	40.7	15.4	2.65	SD VFG
9	4058.0-59.0	1.99	9.8	34.2	34.2	2.67	SD VFG
10	4059.0-60.0	5.12	13.9	43.1	13.9	2.67	SD VFG
11	4060.0-61.0	3.25	12.4	34.1	17.1	2.67	SD VFG
12	4061.0-62.0	2.52	12.8	32.7	16.4	2.66	SD VFG
13	4062.0-63.0	0.63	8.0	35.4	42.5	2.66	CVF SD VFG
14	4063.0-64.0	1.04	11.0	26.7	20.4	2.66	SD VFG
15	4064.0-65.0	11.	11.3	32.3	17.1	2.66	SD VFG
16	4065.0-66.0	2.35	9.9	40.7	28.5	2.66	SD VFG
17	4066.0-67.0	<0.01	2.3	0.0	73.1	2.67	SD VFG LMY SHALE-NO ANALYSIS
18	4067.0-71.0	<0.01	1.2	0.0	46.1	2.69	SD VFG LMY SHALE-NO ANALYSIS
19	4071.0-72.0	<0.01	1.3	0.0	48.1	2.78	DOLO VF/XLN FOSS LMY
20	4072.0-76.0	<0.01	1.8	0.0	55.6	2.80	DOLO VF/XLN FOSS LMY SHALE-NO ANALYSIS
21	4076.0-77.0	<0.01	1.8	0.0	55.6	2.80	SD VFG LMY
22	4077.0-78.0	<0.01	1.8	0.0	55.6	2.80	SD VFG SL/LMY
23	4078.0-79.0	<0.01	4.8	28.5	52.9	2.66	SD VFG
24	4079.0-80.0	0.49	7.1	23.3	34.3	2.66	SD VFG
25	4080.0-81.0	1.67	9.5	30.4	11.4	2.66	SD VFG
26	4081.0-82.0	1.58	10.0	29.3	11.0	2.65	SD VFG
27	4082.0-83.0	2.11	11.9	29.3	28.1	2.66	SD VFG
28	4083.0-84.0	2.11	11.9	29.3	28.1	2.66	SD VFG

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These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representation as to the accuracy or completeness of the data or the manner in which such report is used or relied upon.

DIAMOND SHAMROCK CORP.
FAUTE-FEDERAL 34-8

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

DATE : 9-3-83
FORMATION : GREEN RIVER

FILE NO : 3807-0050
ANALYSTS : R. MOHL

CONVENTIONAL ANALYSIS--BOYLE'S LAW POROSITY

SAMPLE NUMBER	DEPTH	PERM K _a MAXIMUM	POR. He	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
26	4084.0-85.0	2.93	11.9	30.1	9.5	2.66	SD VFG
27	4085.0-86.0	5.34	12.7	39.4	12.1	2.67	SD VFG
28	4086.0-87.0	2.15	9.1	48.5	24.2	2.66	SD VFG SHALE-NO ANALYSIS
	4087.0-01.0						
29	4101.0-02.0	<0.01	2.5	0.0	68.4	2.70	SD VFG LMY
30	4102.0-03.0	<0.01	3.9	0.0	75.7	2.69	SD VFG LMY SHALE-NO ANALYSIS
	4103.0-18.0						LOST CORE
	4118.0-22.0						SHALE-NO ANALYSIS
	4122.0-30.0						

CVF=CLOSED VERTICAL FRACTURE

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

DIAMOND SHAMROCK CORP.
 FAUTE-FEDERAL 34-8

DATE : 9-5-83
 FORMATION : GREEN RIVER

FILE NO. : 3807-0
 ANALYSTS : R. MOH

*** CORE SUMMARY AND CALCULATED RECOVERABLE OIL ***

DEPTH INTERVAL: 4050.0 TO 4066.0

FEET OF CORE ANALYZED : 16.0 FEET OF CORE INCLUDED IN AVERAGES: 16.0

-- SAMPLES FALLING WITHIN THE FOLLOWING RANGES WERE AVERAGED --
 FERMEABILITY HORIZONTAL RANGE (MD.) : 0.01 TO 15. (UNCORRECTED) FOR SLIPPAGE)
 HELIUM POROSITY RANGE (%) : 0.0 TO 100.0
 OIL SATURATION RANGE (%) : 0.0 TO 100.0
 WATER SATURATION RANGE (%) : 0.0 TO 100.0
 SHALE SAMPLES EXCLUDED FROM AVERAGES.

AVERAGE PERMEABILITY (MILLIDARCIES)	:			:	
ARITHMETIC PERMEABILITY	:	2.2	AVERAGE TOTAL WATER SATURATION	:	22.4
GEOMETRIC PERMEABILITY	:	1.1	(PERCENT OF PORE SPACE)		
HARMONIC PERMEABILITY	:	0.20	AVERAGE CONNATE WATER SATURATION	:	(E) 21.0
			(PERCENT OF PORE SPACE)		
PRODUCTIVE CAPACITY (MILLIDARCY-FEET)	:		OIL GRAVITY (API)	:	(E) 38.0
ARITHMETIC CAPACITY	:	36.			
GEOMETRIC CAPACITY	:	17.	ORIGINAL FORMATION VOLUME FACTOR	:	(E) 1.10
HARMONIC CAPACITY	:	3.2	(BBLs SATURATED OIL/STOCK-TANK BBL)		
AVERAGE POROSITY (PERCENT)	:	9.8	ORIGINAL STOCK-TANK OIL IN PLACE	:	(C) 548
AVERAGE RESIDUAL OIL SATURATION	:	37.7	(BARRELS PER ACRE-FOOT)		
(PERCENT OF PORE SPACE)					

=====

INTERPRETATION OF DATA

INTERVAL 4050-4066 OIL PRODUCTIVE W/WATER CUT AFTER SUCCESSFUL TREATMENT.

=====

(C) CALCULATED (E) ESTIMATED (M) MEASURED (*) REFER TO ATTACHED LETTER.

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or

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Exhibit-I

Proposed Inection Well Surface Equipment

Proposed Injection Well Surface Equipment

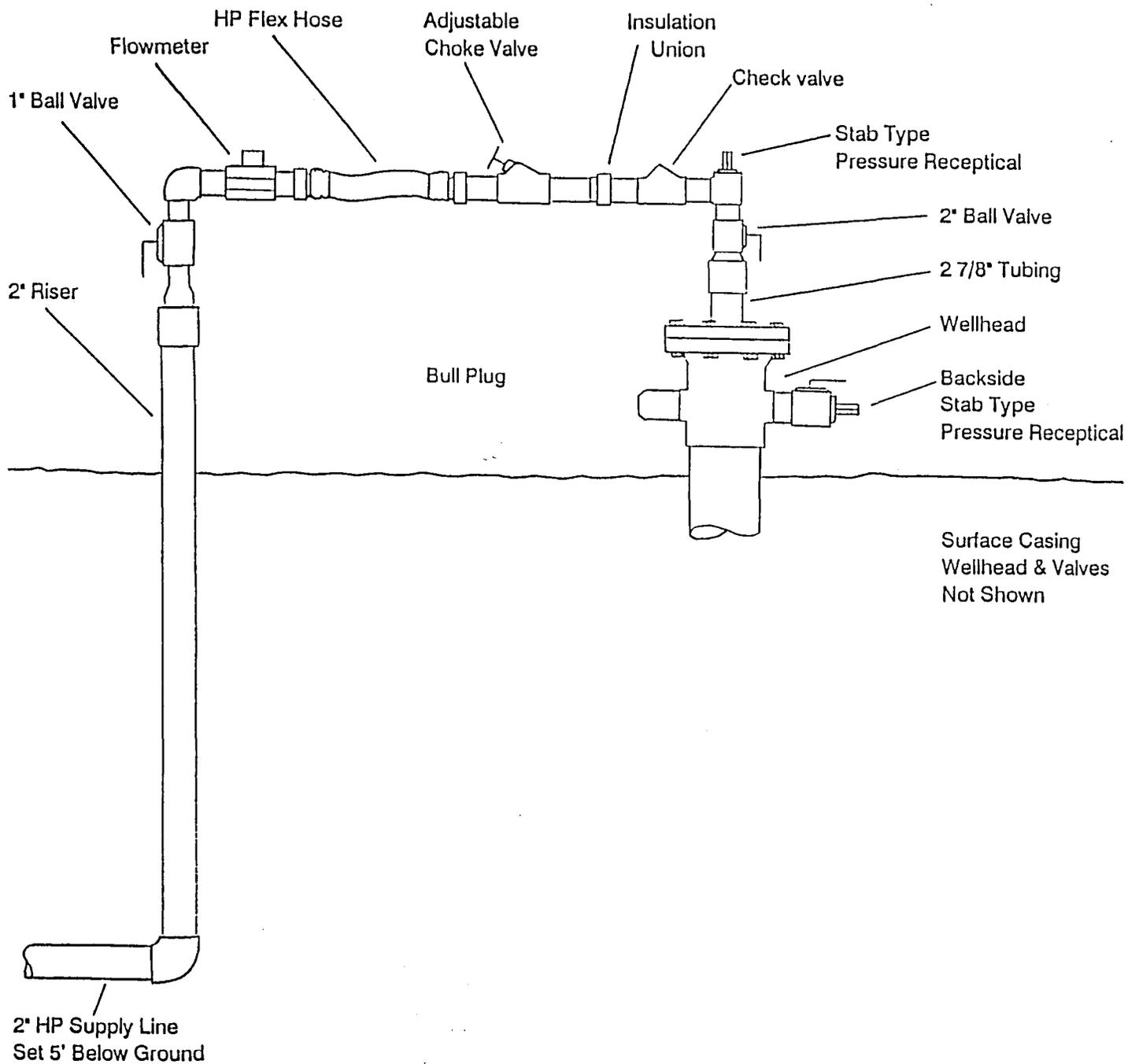


Exhibit-J

Proposed Injection Well Diagrams



PROPOSED INJECTION WELL COMPLETION DIAGRAM

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

DATE : 7/24/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 286.30' (6 jts)
DEPTH LANDED: 276.3' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs class "G" + 2% CCI +
1/4#/sk celloflake

276.3' KB

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

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

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

RETRIEVABLE CASING PACKER @ 4696' KB

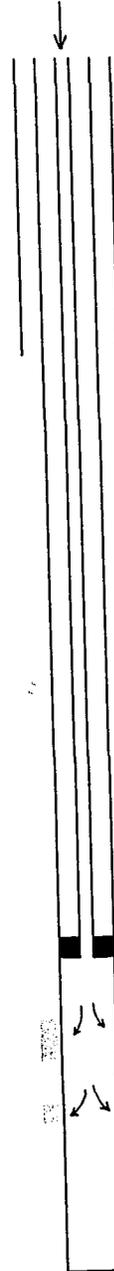
4756' - 4781'

5073' - 5080'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5734' KB
TD @ 5800' KB

- WASATCH FORMATION 6000 ft



TUBING RECORD

SIZE / GRADE / WEIGHT : 2-7/8" / J-55 / 6.5#
SEAT NIPPLE : 2-7/8" X 1.1'
SN LANDED @ 4692' KB
RETRIEVABLE CSG PACKER
MODEL : Arrow Set-1
PACKER LANDED @ 4696' KB

Exhibit-K

Proposed Plugging And Abandonment Diagrams

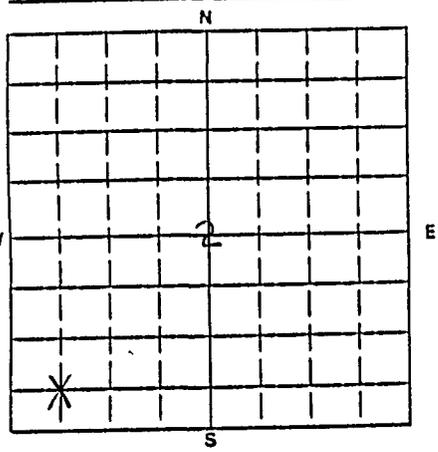


PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY: Section 2 Waterflood, Section 2, T9S, R17E, Duchesne County, Utah
 NAME AND ADDRESS OF OWNER/OPERATOR: Equitable Resources Energy Company, Balcon Oil Division, 1601 Lewis Avenue, Billings, Mt. 59104

STATE: Utah COUNTY: Duchesne PERMIT NUMBER:

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES



SURFACE LOCATION DESCRIPTION: 1/4 OF SW 1/4 OF SW 1/4 SECTION 2 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
 Surface Location 513 ft. from (N/S) S Line of quarter section and 181 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION: Individual Permit, Area Permit, Rule. Number of Wells 12
 WELL ACTIVITY: CLASS I, CLASS II, Brine Disposal, Enhanced Recovery, Hydrocarbon Storage, CLASS III

Lease Name: State section - 2 Well Number State # 14-2

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8 5/8"	24*	266'	266'	12 1/4"
5 1/2"	15.5*	5762'	5762'	7 7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS
 The Balance Method
 The Dump Bailer Method
 The Two-Plug Method
 Other

CEMENTING TO PLUG AND ABANDON DATA:

	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)	5 1/2"	5 1/2"					
Depth to Bottom of Tubing or Drill Pipe (ft.)	5733' KB						
Sacks of Cement To Be Used (each plug)	260	100					
Slurry Volume To Be Pumped (cu. ft.)	300	115					
Calculated Top of Plug (ft.)	3488' KB	Surface					
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8					
Type Cement or Other Material (Class III)	Class-G	Class-G					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To
4756'	4758'		
4760'	4762'		
4771'	4781'		
5073'	5080'		

Estimated Cost to Plug Wells

\$7000 (Rig & Cement Job)

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print): John Zellitti, Senior Production Engineer
 SIGNATURE: [Signature]
 DATE SIGNED: 7-24-95



PROPOSED PLUGGING & ABANDONMENT DIAGRAM

DATE: 7/25/95 vk

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

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 266.30' (6 jts)
DEPTH LANDED: 276.3' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 180 sxs class "G" + 2% CCI +
1/4#/sk celloflake

276.3' KB

Permanent P&A marker identifying well information

PLUG #2 SURFACE to 350 ft
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement to surface.

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

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

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

- DOUGLAS CREEK MEMBER 4650' - 5500'

PLUG #1 TD to 3800 ft
260 sx of Class-G Cement

4756' - 4781'

5073' - 5080'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5734' KB
TD @ 5800' KB

- WASATCH FORMATION 6000 ft

PLUGGING PROCEDURE

Enter the well w/ tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perms. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface casing shoe. Circulation will be established to surface and cement will be circulated to fill the production casing and the annulus from the perforations to surface using 100 sacks class-G cement. The top of the second cement plug will be at the surface.



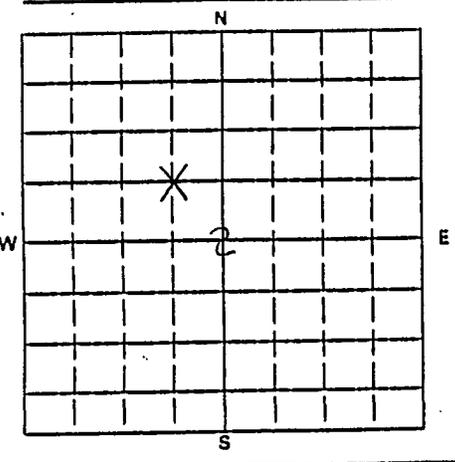
PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
Section - 2 Waterflood
Section - 2, T9S, R17E
Duchesne County, Utah

NAME AND ADDRESS OF OWNER/OPERATOR
Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Mt. 59104

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT - 640 ACRES

STATE: Utah COUNTY: Duchesne PERMIT NUMBER:



SURFACE LOCATION DESCRIPTION
1/4 OF SE 1/4 OF NW 1/4 SECTION 2 TOWNSHIP 9S RANGE 17E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
Surface Location 1980 ft. from (N/S) N Line of quarter section
and 1980 ft. from (E/W) W Line of quarter section

TYPE OF AUTHORIZATION
 Individual Permit
 Area Permit
 Rule
Number of Wells 12

WELL ACTIVITY
 CLASS I
 CLASS II
 Brine Disposal
 Enhanced Recovery
 Hydrocarbon Storage
 CLASS III

Lease Name State Section - 2 Well Number State #22-2

CASING AND TUBING RECORD AFTER PLUGGING					METHOD OF EMPLACEMENT OF CEMENT PLUGS	
SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE		
8 5/8	24*	261'	261'	12 1/4"	<input checked="" type="checkbox"/> The Balance Method	
5 1/2	15.5*	5780'	5780'	7 7/8"	<input type="checkbox"/> The Dump Bailer Method	
					<input type="checkbox"/> The Two-Plug Method	
					<input type="checkbox"/> Other	

CEMENTING TO PLUG AND ABANDON DATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)		5 1/2"	5 1/2"					
Depth to Bottom of Tubing or Drill Pipe (ft.)		5745' KB						
Sacks of Cement To Be Used (each plug)		260	100					
Slurry Volume To Be Pumped (cu. ft.)		300	115					
Calculated Top of Plug (ft.)		3900' KB	Surface					
Measured Top of Plug (If tagged ft.)								
Slurry Wt. (Lb./Gal.)		15.8	15.8					
Type Cement or Other Material (Class III)		Class-6	Class-6					

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (If any)			
From	To	From	To
4881'	4884'		
4896'	4905'		
5222'	5227'		
5234'	5242'		

Estimated Cost to Plug Wells
\$7000 (Rig & Cement Job)

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)
John Zellitti
Senior Production Engineer

SIGNATURE
John Zellitti

DATE SIGNED
7-24-95



PROPOSED PLUGGING & ABANDONMENT DIAGRAM

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

Permanent P&A marker identifying well information

DATE : 7/25/95 vk

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% CCI +
1/4#/sk celloflake

276.3' KB

PLUG #2 SURFACE to 350 ft
Perforate csg at 100 ft below
the surface csg shoe & circulate
100 sx of Class-G Cement to surface.

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, tall w/ 315 sk 50-50 POZ + 2%gel +
1/4 #/sk celloseal + 2 #/sk HiSeal 2
CEMENT TOP AT: 1310' KB

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

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

PLUGGING PROCEDURE

Enter the well w/ tbg and wash to TD. If the well is not dead, circulate mud with sufficient weight to kill the well. Pump a balanced cement plug using 260 sacks across the Douglas Creek Member of the Green River Formation from TD to at least 300 ft above the upper most perfs. The production csg will be perforated for two feet using 4 SPF at a point 100 ft below the surface casing shoe. Circulation will be established to surface and cement will be circulated to fill the production casing and the annulus from the perforations to surface using 100 sacks class-G cement. The top of the second cement plug will be at the surface.

- DOUGLAS CREEK MEMBER 4650' - 5500'

PLUG #1 TD to 3800 ft
260 sx of Class-G Cement

4881' - 4905"

5222' - 5242"

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5745' KB
TD @ 5798' KB

- WASATCH FORMATION 6000 ft

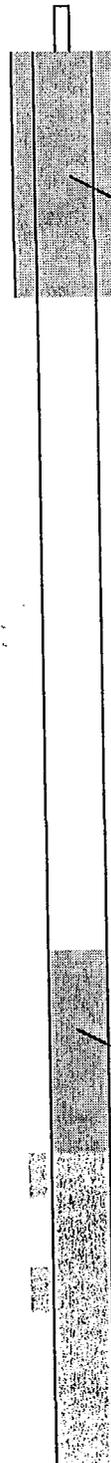


Exhibit-L

Evidence Of Financial Ability

CHIEF FINANCIAL OFFICER'S LETTER

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM
CLASS II INJECTION WELL OPERATORS

This letter contains information submitted as evidence of financial responsibility for the Environmental Protection Agency's underground injection control requirements.

Submitted to: Underground Injection Control 8WM-DW-UIC
Financial Responsibility
USEPA Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2466

Submitted for: EREC Capital Corporation
(Legal name of owner or operating company)
Suite 300, 715 King Street, Wilmington, DE 19801
(Business address of owner or operator)

Type of Organization: Corporation
(Individual, joint venture, partnership or corp.)

Date of Incorporation: February 24, 1994

State of Incorporation: Delaware

Submitted by: Richard Skubak, Controller
(Name of Chief Financial Officer)
Equitable Resources Energy Company
(Name of Firm) (A Subsidiary of EREC Capital Corporation)
420 Boulevard of the Allies, Pittsburgh, PA 15219
(Business Address)

I hereby certify that the financial information contained on the following pages is correct and derived from this firm's audited year-end financial statements prepared in the normal course of business for the latest completed fiscal year ended December 31, 1994

Richard Skubak
(Signature of Financial Officer)

April 28, 1995
(Date)

I. (Firm name) Equitable Resources Energy Company
is the owner or operator of Class II injection wells in the
following states within EPA Region VIII:

State names: Montana
Utah

II. This firm guarantees the plugging and abandonment of
injection wells owned or operated by the following
subsidiaries:

Subsidiary Name:	Subsidiary Address:
<u>Balcron Oil,</u>	<u>1601 Lewis Avenue</u>
<u>A Division of Equitable Resources</u>	<u>Billings, MT 59102</u>
<u>Energy Company</u>	_____

III. This firm is () required (x) not required to file a Form
10-K with the Securities and Exchange Commission (SEC) for
the latest fiscal year.

IV. The fiscal year of this firm ends on (month/day) 12-31.
The financial information contained in this letter is
derived from this firm's year-end financial statements
prepared in the normal course of the business for the latest
completed fiscal year ended (date) December 31, 1994.

The name and address of the accounting firm examining these
financial statements:

<u>Ernst & Young LLP</u>	<u>One Oxford Center</u>
(Name of accounting firm)	
	<u>Pittsburgh, PA 15219</u>
	(Address of accounting firm)

V. The amounts below are stated in () actual (X) thousands of dollars.

FINANCIAL INFORMATION

Balance Sheet Information:

1. Current Assets	140,585
2. Total Assets	1,084,072
3. Current Liabilities	265,663
4. Total Liabilities	653,734
5. Net Worth or Stockholder's Equity	430,338

Income Statement Information:

6. Depreciation, Depletion and Amortization	68,898
7. Net Income	21,081

Calculations:

8. Total Liabilities	Item 4		
- Current Liabilities	- Item 3		388,071
9. D D A	Item 6		
+ Net Income	+ Item 7		89,979
10. Current Assets	Item 1		
- Current Liabilities	- Item 3		(125,078)

indicate negative numbers with parentheses

11. <u>Current Liabilities</u>	<u>Item 3</u>		
+ Net Worth	+ Item 5		.62

round to two decimal places

12. <u>Total Liabilities - Current Liabilities</u>	<u>Item 8</u>		
+ Net Worth	+ Item 5		.90

round to two decimal places

13. <u>D D A + Net Income</u>	<u>Item 9</u>		
+ Total Liabilities	+ Item 4		.138

round to three decimal places

14. <u>Current Assets - Current Liabilities</u>	<u>Item 10</u>		
+ Total Assets	+ Item 2		(.12)

round to two decimal places, indicate negative numbers with parentheses

VI. Based on the information in Part V, the company meets or does not meet the financial ratio requirements, as indicated.

	<u>YES</u>	<u>NO</u>
1. Item V-11 < 1.0 <i>Current Liabilities + Net Worth is less than 1.0</i>	<u>X</u>	<u> </u>
2. Item V-12 < 2.0 <i>Long Term Liabilities + Net Worth is less than 2.0</i>	<u>X</u>	<u> </u>
3. Item V-7 > 0 <i>Net Income is greater than zero.</i>	<u>X</u>	<u> </u>
4. Item V-13 > 0.10 <i>Net Income + D D A is greater than 0.10 + Total Liabilities</i>	<u>X</u>	<u> </u>
5. Item 14 > -0.10 <i>Working Capital is greater than -0.10 + Total Assets</i>	<u> </u>	<u> X</u>

VII. This firm () has (x) has not received a rating by either Standard and Poor's or Moody's.

The current bond rating of most recent issuance of this firm _____

The name of the rating service _____

The date of issuance of bond rating _____

The date of expiration of bond rating _____

	<u>YES</u>	<u>NO</u>	<u>NOT AVAILABLE</u>
VIII. This firm's bond rating by Standard and Poor's is AAA, AA, A, or BBB.	<u> </u>	<u> </u>	<u> X</u>
This firm's bond rating by Moody's is Aaa, Aa, A, or Baa.	<u> </u>	<u> </u>	<u> X</u>

FINANCIAL COVERAGE CRITERIA

CRITERION

EXPLANATION

History of plugging wells

Equitable Resources Energy Company, Balcron Oil Division (Operator) has plugged wells in accordance with all applicable State and/or Federal regulations in the past.

Remaining economic life of production fields or leases

Operator is producing from more than one field and lease in the States of Montana and Utah with an estimated remaining economic life of at least five years.

Number of years in business

Operator has been in business in Montana for 30 years--since 1963 as Balcron Oil Company; since 2/1/87 as Balcron Oil Company subsidiary of Equitable Resources Energy Company; since 12/29/88 as Balcron Oil division of Equitable Resources Energy Company; and since 3/1/93 as Equitable Resources Energy Company, Balcron Oil Division.

Number of production fields

Operator is producing from more than one field in the States of Kansas, Montana, Nebraska, Nevada, North Dakota, Colorado, Wyoming, and Utah.

Number of wells

Operator currently has 29 injection wells (SWD and enhanced recovery) in six states and 370 producing oil and/or gas wells located in eight states. EPA has primacy in Montana and Utah. Operator currently has 3 SWD wells and 16 enhanced recovery wells under EPA jurisdiction.

Estimated cost of well plugging

In Montana it ranges from \$2,000 to \$60,000 as permitted. Estimated actual costs range from \$2,000 to \$25,000. In Utah estimated costs to plug are approximately \$6,000.

Financial condition

See letter from CFO which addresses the financial ratio tests.

/ra

Exhibit-M

Balcron Oil Existing EPA Permits

**BALCRON OIL
 WELLS OPERATED UNDER EPA UIC PERMITS**

<u>Well Name and Number</u>	<u>State</u>	<u>UIC Permit Number</u>
Lagerquist Shallow #13-14 SWD	MT	MT2457-01863
Loucks #1 SWD	MT	MT2753-04232
Pariette Bench #4 SWD	UT	UT2676-02569
Allen Federal #22-6	UT	UT2642-03729 (AREA PERMIT UT2642-00000)
Allen Federal #13-6	UT	UT2642-03730 (AREA PERMIT UT2642-00000)
Allen Federal #31-6	UT	UT2642-03731 (AREA PERMIT UT2642-00000) (State Cause #UIC-142)
Allen Federal #1-6	UT	UT2642-03732 (AREA PERMIT UT2642-00000)
Allen Federal #1A-5	UT	UT2642-03733 (AREA PERMIT UT2642-00000) NOTE: This was never converted to enhanced recovery - was put on production.
Balcron Monument Fed. #11-6	UT	UT2642-03734 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #24-6	UT	UT2642-03735 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #33-6	UT	UT2642-03736 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #42-6	UT	UT2642-03737 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #13-5J	UT	UT2642-04208 (AREA PERMIT UT2642-00000) (State Cause #UIC-149)
Balcron Monument Fed. #22-5J	UT	UT2642-04209 (AREA PERMIT UT2642-00000) (State Cause #UIC-149)
Balcron Monument Fed. #24-5	UT	UT2642-04210 (AREA PERMIT UT2642-00000) (State Cause #UIC-149)
Balcron Monument Fed. #31-7J	UT	UT2642-04211 (AREA PERMIT UT2642-00000) (State Cause #UIC-149)
Coyote Basin Fed. #42-6X	UT	UT2653-03751 (AREA PERMIT UT2653-00000)
East Red Wash Federal #2-5	UT	UT2653-03752 (AREA PERMIT UT2653-00000)
East Red Wash Federal #4-6	UT	UT2653-04224 (AREA PERMIT UT2653-00000)
Amerada Guinand Federal #1	UT	UT2653-04225 (AREA PERMIT UT2653-00000)

Form 4 UIC	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND INJECTION CONTROL PERMIT APPLICATION <i>(Collected under the authority of the Safe Drinking Water Act, Sections 1421, 1422, 40 CFR 144)</i>	EPA ID NUMBER _____ _____ _____ U
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READ ATTACHED INSTRUCTIONS BEFORE STARTING FOR OFFICIAL USE ONLY

Application approved <small>mo day year</small>	Date Received <small>mo day year</small>	Permit/Well Number	Comments

II. FACILITY NAME AND ADDRESS Facility Name: Section 2 Waterflood Street Address: Section 2, T9S, R17E Duchesne & Uintah Co. City: +/- 10 miles SW Myton, UT State: UT ZIP Code: n/a	III. OWNER/OPERATOR AND ADDRESS Owner/Operator Name: Equitable Resources Energy Company, Balcron Oil Division Street Address: 1601 Lewis Avenue City: Billings State: MT ZIP Code: 59102
IV. OWNERSHIP STATUS (Mark 'x') <input type="checkbox"/> A. Federal <input checked="" type="checkbox"/> B. State <input type="checkbox"/> C. Private <input type="checkbox"/> D. Public <input type="checkbox"/> E. Other (Explain)	V. SIC CODES 1311

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

VII. TYPE OF PERMIT REQUESTED (Mark 'x' and specify if required)			
<input type="checkbox"/> A. Individual <input checked="" type="checkbox"/> B. Area	Number of Existing wells 12	Number of Proposed wells	Name(s) of field(s) or project(s) Section 2 Waterflood (Undesignated Field)

VIII. CLASS AND TYPE OF WELL (see reverse)			
A. Class(es) <small>(enter code(s))</small>	B. Type(s) <small>(enter code(s))</small>	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)
II	R		10 oil production wells 1 water supply well (not fresh) 1 P & A oil well

IX. LOCATION OF WELL(S) OR APPROXIMATE CENTER OF FIELD OR PROJECT										X. INDIAN LANDS (Mark 'x')	
A. Latitude			B. Longitude			Township and Range				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<small>Deg</small>	<small>Min</small>	<small>Sec</small>	<small>Deg</small>	<small>Min</small>	<small>Sec</small>	<small>Twsp</small>	<small>Range</small>	<small>Sec</small>	<small>1/4 Sec</small>		
I						9S	17E	2			

XI. ATTACHMENTS

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

XII. CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

A. Name and Title (Type or Print) Bobbie Schuman, Regulatory and Environmental Specialist	B. Phone No. (Area Code and No.) (406) 259-7860
C. Signature <i>Bobbie Schuman</i>	D. Date Signed July 26, 1995

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

Equitable Energy Resources Company, Balcron Oil Division.
Section-2 Waterflood
Duchesne County, Utah

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

Company: Equitable Resources Energy Company, Balcron Oil Division
Project: State Section-2 Waterflood
Field Undesignated
Section 2, T9S, R17E
Duchesne County, Utah

A) AREA OF REVIEW METHODS.

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

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

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

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

- 2) Figure #2 - Proposed Water Injection Facilities Map.
- 3) Figure #3 - Surface and lease ownership map.
All surface within the area of review is owned by the Bureau of Land Management except for Section 2 and 36 which are State of Utah sections.

C) CORRECTIVE ACTION PLAN AND WELL DATA.

- 1) A tabulation of well data is presented for each well within the area of review, refer to Exhibit-B, well data sheets & scout cards.
- 2) It is proposed to inject water into multiple sands of the Green River Formation using injection packer assemblies which will be landed on tubing. The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily. If abnormal backside pressure is detected the well will be pulled to determine the source of the leak.

D) MAPS AND CROSS SECTIONS OF USDW.

-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

- 1) There are no underground sources of drinking water or water wells in the area of review. No fresh water sources will be affected by these

water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 4900 feet which basically puts the top of the saline water horizon at surface. There are no fresh water bearing zones for our area of review.

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

- Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

- 1) The flooding objectives of the proposed Section 2 waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1250 feet of vertical section at an average depth range of 4050 feet to 5300 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 10 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Balcron Oil is requesting approval to inject water into any or all of the occurring sands within this interval.
- 2) For specific injection intervals please refer to the perforation intervals of each proposed injection well outlined in Exhibit-C and the welldata sheets and wellbore diagrams provided in Exhibit-B.
- 3) Estimated Formation Tops:

Uintah Formation	Surface to 1500 ft.
Green River Formation	1500 ft to 5500 ft.
Douglas Creek Member	4650 ft to 5500 ft.
Douglas/Wasatch Transition	5500 ft to 6000 ft.
Wasatch Formation	6000 ft.

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

- 4) The confining zones for the proposed injection interval consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation.
- 5) The injection interval water quality is an analysis of the produced water from the Balcron State #12-2. This well is perforated in most of the proposed injection sands and represents an average produced water sample. The analysis shows 7,400 mg/l chloride, 5,387 mg/l sodium, and 14,231 mg/l TDS. Refer to Exhibit-D for the produced water analysis report.
- 6) The average fracture gradient for the Douglas Creek Member sands is 0.9682 psig/ft. This is an average of all the frac gradients calculated from jobs performed in Sec.2, T9S, R17E. Refer to Exhibit-E for frac pressure and gradient data.
- 7) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the State

wells in Section 2. Fracture treatment records show that the frac sand was displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The frac gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

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

- 8) Logs for the proposed water injection wells are enclosed with this application.
- 9) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud and/or an air mist to an average total depth of 5800 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated, hydraulically fractured, and put on production. Refer to the welldata sheets presented in Exhibit-B for specific completion details of each well.

H) OPERATING DATA.

- 1) Average water injection volume of 150 STB/WPD.
Maximum water injection volume of 300 STB/WPD.
- 2) Average estimated injection pressure of 1800 psig.
Maximum estimated injection pressure of 2600 psig.
The injection pressures for the Section 2 waterflood are estimated by analogy with Balcron Oil's existing Jonah Unit waterflood located in Sec.6, T9S, R17E, Duchesne County, Utah. This waterflood is injecting water into the same formation with similar reservoir conditions as the proposed water injection wells. However, the fracture gradient calculates much higher for this section-2 area and based on this higher fracture gradient, Balcron Oil is requesting a maximum injection pressure of 2600 psig.
- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing. Refer to Exhibit-F for the recommendation of packer fluid.
- 4) Water for the Section 2 waterflood will be supplied from the Balcron State #23-2 water supply well which is completed in a water bearing sand of the Green River Formation (See attach well data sheet presented in Exhibit-B). The water analysis for this water shows 17,000 mg/l Chloride, 23,867 mg/l sodium, and 68,217 mg/l TDS. If the State #23-2 water supply well does not yield ample volume for future development and/or the water is not compatible with the produced formation water, it is proposed to install a water supply line from Balcron's Jonah Unit and use fresh potable water supplied by Johnson Water Association out of Myton, Utah. The water is piped from the Johnson facility approximately 7.5 miles to the Jonah Unit through a six inch fiberglass supply line which is owned and operated by Balcron Oil. This line will be extended approximately five miles to the Section 2 waterflood facilities. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this water shows 300 mg/l chloride and 1429 mg/l TDS with a specific gravity

of 1.00. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies out of Vernal, Utah. Refer to Exhibit-G for the analysis of the proposed injection waters.

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

I) FORMATION TESTING PROGRAM.

- 1) The porosity of the injection sands averages approximately 14 %. The porosity is determined using compensated neutron/density porosity logs and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and Paiute Federal #34-8. These wells are located outside the proposed Section 2 waterflood boundary, however, they represent similar conditions and depositional environment. Refer to Exhibit-H for the core analysis.
- 2) The permeability of the injection sands ranges from 0.01 to 18 md with an average of approximately 5.0 md.
- 3) A mechanical integrity test will be conducted on all proposed water injection wells prior to conversion. The casing will be integrity tested by setting a tubing conveyed packer just above the perforations and pressuring the annulus to 500 psig. The pressure will be held for a one hour test. The results of the mechanical integrity tests will be submitted to the EPA prior to water injection.
- 4) Fracture treating rates, average and maximum pressure, ISIP, and frac gradients have been tabulated for the area of review and are presented in Exhibit-E and on the welldata sheets in Exhibit-B.
- 5) It is assumed that the present reservoir pressure through out the area of review ranges from a normal pressured reservoir to depleted conditions (Pressure would range from 900 psig to 2100 psig).

J) STIMULATION PROGRAM.

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

K) INJECTION PROCEDURES.

- 1) The injection procedure for the Section 2 waterflood will be as follows:
 - Water from the #23-2 water supply well and/or Johnson Water Association will be piped to the proposed water injection plant.
 - The water will be filtered with 50 micron filters before entering water storage tanks at the water injection plant.
 - Chemical will be added for oxygen, corrosion, and scaling.
 - A triplex injection pump will be used to pressurize the water to approximately 2600 psig.
 - The pressurized water will travel through an injection manifold and out to the well feed lines.
 - Each feed line will supply one injection well.
 - Each injection well will be equipped with a flowmeter, choke valve check valve, tubing and casing annulus pressure gauge.
 - The water will pass down the tubing, past the packer to the perforations and will be monitored with tracer profiles which will indicate the percentage of water exiting each set of perforations.
- 2) The injection facility will be equipped with pressure monitoring and safety shut down devices to protect against high or low pressure failures. It will also have tank level, oil, temperature, and other safety shut down

devices.

L) CONSTRUCTION PROCEDURES.

-There are no proposed wells for the area of review at this time.

M) CONSTRUCTION DETAILS.

- 1) Refer to Exhibit-I for the proposed well surface injection equipment.
- 2) Refer to Exhibit-B for well data sheets and to Exhibit-J for a wellbore diagram of each proposed injection well.
- 3) The injection wells will be equipped with 2 7/8 inch tubing with tension packers set to isolate the injection zones. Each well will be equipped with one or more packers to isolate the injection zones as required. Refer to Exhibit-J for the packer setting depths proposed for each water injection well.

N) CHANGES IN INJECTION FLUID.

- 1) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. When it is time to inject this produced water the EPA will be notified via letter and a water analysis will be submitted. At this time it is not feasible to make estimates as to the volume or quality of the produced water.

O) PLANS FOR WELL FAILURES.

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

P) MONITORING PROGRAM.

- 1) The waterflood will be monitored through the existing oil production wells. Each production well will be monitored for waterflood response and records of daily oil and water production will be kept. Fluid levels will be shot when possible to monitor reservoir pressure and flood advancement. Refer to Figure-1 and Figure-2 for the location of these oil production wells.

Q) PLUGGING AND ABANDONMENT PLAN.

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

will be at the surface and the bottom will be 100 feet below the surface casing shoe. A permanent marker will be set identifying the well name, lease, location, elevation, and plugging date.

2) Refer to Exhibit-K for plugging and abandonment plan and diagrams.

R) NECESSARY RESOURCES.

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

S) AQUIFER EXEMPTION.

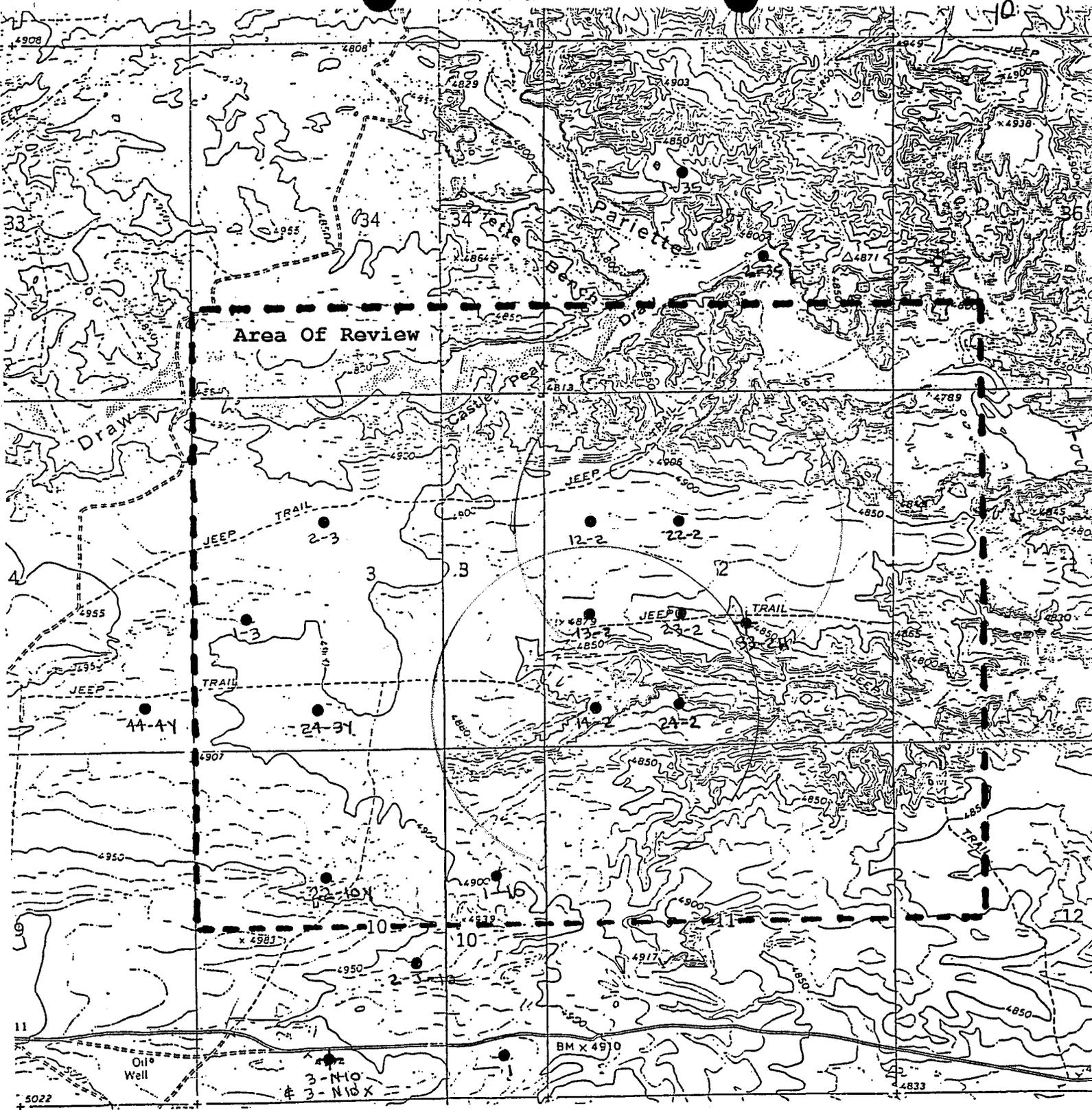
-No aquifer exemption is requested.

T) EXISTING EPA PERMITS.

1) Refer to Exhibit-M for existing EPA permits held by Balcron Oil.

U) DESCRIPTION OF BUSINESS.

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



Scale 1:24000



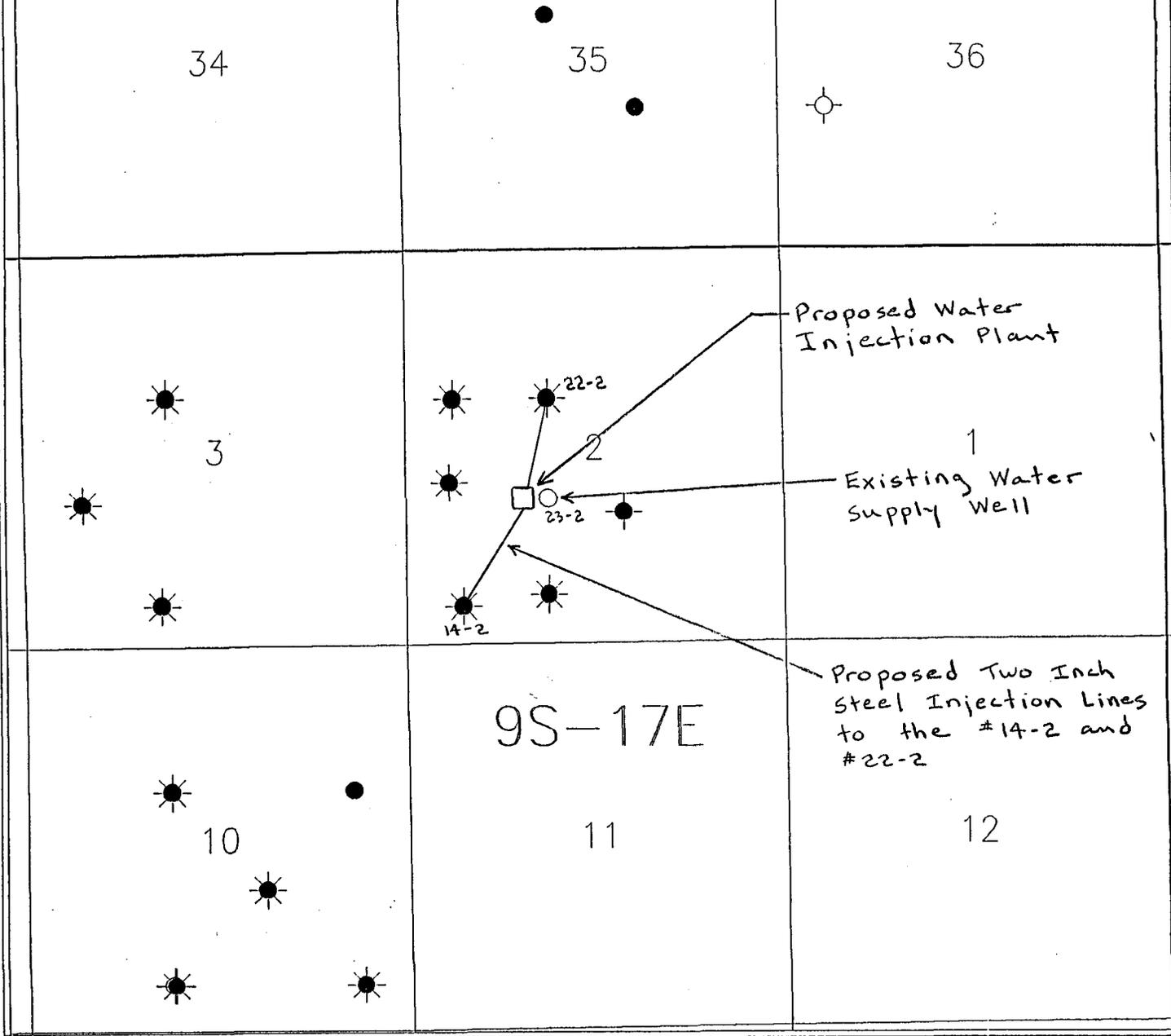
Equitable Resources Energy Company
Balcron Oil Division

Figure #1
Area Of Review Map
Section-2 Waterflood

7-18-95

JZ

Note: The proposed Water injection plant will consist of Two 400 STB Water storage tanks and a 25'X25' wood framed injection plant.



EREC BALCRON OIL DIVISION

Figure #2
Water Injection Facilities
 Duchesne County, Utah

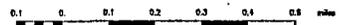
JOHN ZELLITTI

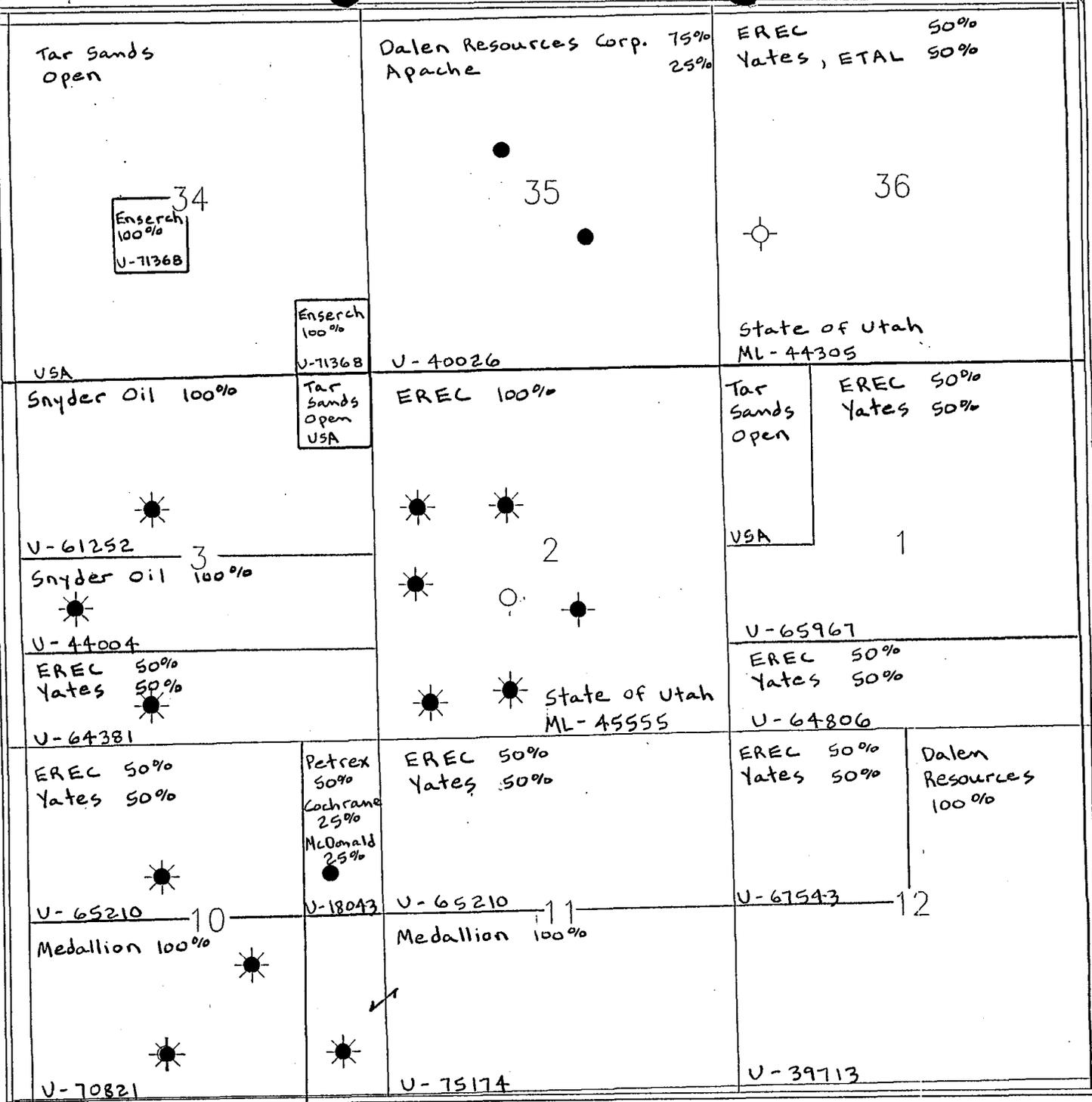
7/20/95

Scale 1:26000.



Scale 1:26000.





EREC BALCRON OIL DIVISION

Figure #3

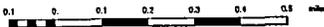
Surface And Lease Ownership

Duchesne County, Utah

JOHN ZELLATTI		7/20/95
	Scale 1:26000.	



Scale 1:26000.



Note: Sections 2 & 36 State of Utah
Remaining Sections - BLM

Exhibit - A
Area of Review Well List
Jonah Unit Waterflood

Well Name	Operator	Location
Balcron State #12-2	Balcron	SW NW Sec.2, T9S, R17E
Balcron State #13-2	Balcron	NW SW Sec.2, T9S, R17E
Balcron State #14-2	Balcron	SW SW Sec.2, T9S, R17E
Balcron State #22-2	Balcron	SE NW Sec.2, T9S, R17E
Balcron State #23-2 (WSW)	Balcron	NE SW Sec.2, T9S, R17E
Balcron State #24-2	Balcron	SE SW Sec.2, T9S, R17E
NGC #33-2H (P&A)	Natural Gas Corp.	NW SE Sec.2, T9S, R17E
Monument Butte Fed. #1-3	Ensearch Expl. Co.	NW SW Sec.3, T9S, R17E
Monument Butte Fed. #2-3	Ensearch Expl. Co.	SE NW Sec.3, T9S, R17E
Balcron Federal #24-3Y	Balcron	SE SW Sec.3, T9S, R17E
Balcron Federal #22-10Y	Balcron	SE NW Sec.10, T9S, R17E
Duncan Federal #1-10	Cotton Petroleum	SE NE Sec.10, T9S, R17E

Wells Outside Area Of Review With Data Provided For Additional Information.

County Line Fedral #1-35	Ensearch Expl. Co.	SE NW Sec.35, T8S, R17E
County Line Fedral #2-35	Ensearch Expl. Co.	NW SE Sec.35, T8S, R17E
State #1 (P&A)	Sun Oil Co.	NW SW Sec.36, T8S, R17E
Balcron Federal #44-4Y	Balcron	SE SE Sec.4, T9S, R17E
Castle Draw #2-J-10	Union Oil of Ca.	NW SE Sec.10, T9S, R17E
Castle Draw #3N10 & #3N10X	Union Oil of Ca.	SE SW Sec.10, T9S, R17E
Castle Draw #1	Union Oil of Ca.	SE SE Sec.10, T9S, R17E

Note: It is proposed to initially convert the Balcron State #14-2 and #22-2 to water injection. The Balcron State #23-2 was dry holed in the Green River Formation, plugged back and perforated for a water supply well.

Exhibit-B

Well Data And Scout Cards



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

WELL NAME: **BALCRON MONUMENT STATE #12-2**
FIELD: Monument Butte
FEDERAL LEASE NO.: STATE #ML-45555
LOCATION: SW NW Sec.2 T9S R17E
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 1.0
PRODUCING FORMATION: Green River
COMPLETION DATE: 4/13/95
INITIAL PRODUCTION: 20.28 BO, 2.7 BW
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: PROD
ELEVATIONS - GROUND: 5097.14' GL
TOTAL DEPTH: 5800' KB

DATE : 7/20/95 vk
API NO.: 43-013-31481

NET REVENUE INTEREST: 0.875
SPUD DATE: 3/15/95
KB: 10'
PLUG BACK TD: 5797' KB

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

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 sks 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

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

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

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
STROKE LENGTH: 81"
PUMP SPEED, SPM: 5.5 SPM
PUMPING UNIT SIZE: CMI 228-256-100
PUMPING UNIT ENGINE: AJAX 8-1/2x10 CMA

TANKS: two - 12' x 20' 400 bbl vertical
DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
TREATER: 6'X15' HORZ 75# WP

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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #12-2 16
SW NW Sec.2 T9S R17E
Lease #ML-45555
Monument Butte Field
Duchesne County, Utah

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

WELBORE 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. Tall 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
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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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #12-2 16
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 (4852.28')
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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

WELL NAME: **BALCRON MONUMENT STATE #13-2**
 FIELD: Monument Butte
 FEDERAL LEASE NO.: STATE #ML-45555
 LOCATION: NW SW Sec.2 T9S R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.0
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 3/22/95
 INITIAL PRODUCTION: 58.31BO, 1.66BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5077.1' GL
 TOTAL DEPTH: 5850' KB

DATE: 7/20/95 vk
 API NO.: 43-013-31482

NET REVENUE INTEREST: 0.875

SPUD DATE: 2/12/95

KB: 10'
 PLUG BACK TD: 5753.75' KB

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

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

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: 3.2'
 MUD ANCHOR: 1 jt - 30.82' w/ NC
 STRING LENGTH: 4933.59'
 SN at: 4907.47' KB

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

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

SUCKER ROD RECORD

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

TOTAL STRING LENGTH: 4901'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ SM plunger TRICO #1094
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 5.5 SPM
 PUMPING UNIT SIZE: American 228-246-86
 PUMPING UNIT ENGINE: AJAX E-42

TANKS: two - 12' x 20' 400 bbl vertical
 DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
 TREATER: 6'x20' 50# WP

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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #13-2
NW SW Sec. 2 T10S R17E
Lease #ML-46666
Monument Butte Field
Duchesne County, Utah

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

WELLBORE DIAGRAM

DATE: 7/20/05 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 259.85' (8 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: Irco 2.35' @ 4139.22'KB
NO. OF JOINTS: 25 jts (788.25')
SEATING NIPPLE: 1.1' @ 4907.47'KB
PERF. SUB: 3.2'
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 4' Pony
one - 3/4" x 6' Pony

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

TOTAL STRING LENGTH: 4901'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
w/ SM plunger TRICO #1094

ACID JOB / BREAKDOWN JOB

3/0/05 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

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

4856'-60'
4864'-73'

S.N. @ 4907' KB

EOT - 4944' KB

PBTD @ 5754' KB
TD @ 5850' KB



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

WELL NAME: BALCRON MONUMENT STATE #14-2
 FIELD: Monument Butte
 FEDERAL LEASE NO.: STATE #ML-45555
 LOCATION: SW SW Sec.2 T9S R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.0
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 9/15/94
 INITIAL PRODUCTION: 81 BO, 0 Bw
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5066.1' GL
 TOTAL DEPTH: 5800' KB

DATE: 7/19/95 vk
 API NO.: 43-013-31425

NET REVENUE INTEREST: 0.875

OIL GRAVITY: 34 deg
 SPUD DATE: 8/14/94

KB: 10'
 PLUG BACK TD: 5733.87' KB

SURFACE CASING

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

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#Poz 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

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 149 jts (4712.43')
 TUBING ANCHOR: trico 2.05' @ 4724.78'KB
 NO. OF JOINTS: 13 jts (384.94')
 SEATING NIPPLE: 1.1' @ 5110.52'KB
 PERF. SUB: 4.2'
 MUD ANCHOR: 1 jt - 29.22' w/ NC
 STRING LENGTH: 5133.94'
 SN at: 5110.52' KB

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

ACID JOB / BREAKDOWN JOB

8/31/94	Western	5073'-5080' : 2730gal 2% KCl wtr w/ 50 balls. balled out. ATP 2600psi, ATR 4.2BPM, ISIP 2000
9/6/94	Western	4756'-4781' : 2814 gal 2% KCl wtr w/ 100 balls. no ball off, action seen. ATP 38psi, ATR 5.8 BPM ISIP 1350.

SUCKER ROD RECORD

POLISHED ROD: 1-1/2" x 22'
 SUCKER RODS: two - 3/4" x 6' Pony
 202 - 3/4" x 25' D-61 SLICK

TOTAL STRING LENGTH: 5078'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ PA plunger TRICO #1077
 STROKE LENGTH: 87"
 PUMP SPEED, SPM: 4 SPM
 PUMPING UNIT SIZE: LUFKIN C-228D-246-86
 PUMPING UNIT ENGINE: AJAX 7-1/2 X 8 CMA

TANKS: two - 12' x 20' 400 bbl vertical
 DRAIN TANK: 12' x 5' 100 bbls OPEN TOP

FRAC JOB

8/31/94	Western	5073' - 5080' : 5000gal 2%KCl wtr pad, 28,100# 20/40 sand, 45,940# 16/30 sand, Flush w/ 5040 gal 2% KCl wtr. 3400 AvgPr, ATR 30BPM, ISIP 2900 5MIN 2410, 10MIN 2230, 15MIN 2180, 30MIN 2050
9/6/94	Western	4756'-4781' : 4500gal 2%KCl pad, 24,108gal 2%KCl w/ 92,040# 16/30 sand. ATR-29.9BPM, ATP-2400 ISIP-2550, 5min-1820, 10min-1620, 15min-1580 30min-1480 psi



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #14-2
SW SW Sec.2 T9S R17E 20
Lease #ML-45555
Monument Butte Field
Duchesne County, Utah

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

WELLBORE DIAGRAM

DATE : 7/19/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 266.30' (6 jts)
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#Poz 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 HlSeal 2
CEMENT TOP AT: 860' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 149 jts (4712.43')
TUBING ANCHOR: trico 2.05' @ 4724.78'KB
NO. OF JOINTS: 13 jts (384.94')
SEATING NIPPLE: 1.1' @ 5110.52'KB
PERF. SUB: 4.2'
MUD ANCHOR: 1 jt - 29.22' w/ NC
STRING LENGTH: 5133.94'
SN at: 5110.52' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/2" x 22'
SUCKER RODS: two - 3/4" x 6' Pony
202 - 3/4" x 25' D-81 SLICK
TOTAL STRING LENGTH: 5078'
PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
w/ PA plunger TRICO #1077

ACID JOB / BREAKDOWN JOB

8/31/94 Western 5073'-5080' : 2730gal 2% KCl wtr w/ 50 balls.
balled out. ATP 2600psi, ATR 4.2BPM, ISIP 2000
9/6/94 Western 4756'-4781' : 2814 gal 2% KCl wtr w/ 100 balls.
no ball off, action seen. ATP 38psi, ATR 5.8 BPM
ISIP 1350.

FRAC JOB

8/31/94 Western 5073' - 5080' : 5000gal 2%KCl wtr pad, 28,100#
20/40 sand, 45,940# 16/30 sand, Flush w/ 5040 gal
2% KCl wtr. 3400 AvgPr, ATR 30BPM, ISIP 2900
5MIN 2410, 10MIN 2230, 15MIN 2180, 30MIN 2050
9/6/94 Western 4756'-4781' : 4500gal 2%KCl pad, 24,108gal 2%KCl
w/ 92,040# 16/30 sand. ATR-29.9BPM, ATP-2400
ISIP-2550, 5min-1620, 10min-1620, 15min-1580
30min-1480 psi

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

4756' - 4781'

5073' - 5080'

S.N. @ 5110.5' KB

EOT - 5143' KB

PBTD @ 5734' KB
TD @ 5800' KB



EQUITABLE RESOURCES
ENERGY COMPANY
 BALCRON OIL DIVISION

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WELL NAME: BALCRON MONUMENT STATE #22-2
 FIELD: Monument Butte
 FEDERAL LEASE NO.: STATE #ML-45555
 LOCATION: SE NW Sec.2 T9S R17E
 COUNTY/STATE: Uintah County, Utah
 WORKING INTEREST: 1.0
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 4/4/95
 INITIAL PRODUCTION: 100.9 BO, 0 BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5047.26' GL
 TOTAL DEPTH: 5798' KB

DATE: 7/19/95 vk
 API NO.: 43-047-32610

NET REVENUE INTEREST: 0.875
 OIL GRAVITY: 34 deg
 SPUD DATE: 3/6/95
 KB: 10'
 PLUG BACK TD: 5744.69' KB

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% CCI +
 1/4#/sk celloflake

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

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 154 jts (4846.01')
 TUBING ANCHOR: trico 2.35' @ 4858.36'KB
 NO. OF JOINTS: 13 jts (412.44')
 SEATING NIPPLE: 1.1' @ 5271.9'KB
 PERF. SUB: 4.2'
 MUD ANCHOR: 1 jt - 28.03' w/ NC
 STRING LENGTH: 5294.13'
 SN at: 5271.90' KB

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

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 8' Pony
 209 - 3/4" x 25' D-61 Plain

ACID JOB / BREAKDOWN JOB

3/21/95 Western 5222'-5227' & 5234'-5242' : 2520 gal
 2% KCl wtr w/ 100 balls. balled off,
 ATR-4.2BPM, ATP-2500, ISIP-1550
 3/23/95 Western 4881'-84' & 4896'-405' : 2142gal 2% KCl w/100
 balls, balled off. ATP-3200, ATR-6.0bpm, ISIP-1200

TOTAL STRING LENGTH: 5249'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ PA plunger TRICO #1102
 STROKE LENGTH: 88"
 PUMP SPEED, SPM: 4.75 SPM
 PUMPING UNIT SIZE: Bethlehem 320-212-86
 PUMPING UNIT ENGINE: AJAX E-42

TANKS: two - 12' x 20' 400 bbl vertical
 DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
 TREATER: 6'X20' HORZ 75# DF HCW

FRAC JOB

3/21/95 Western 5222'-27' & 5234'-42' : 2500gal 2% KCl pad,
 18,942 gal 2% KCl w/ 25,820# 20/40 & 37,000#
 16/30 sand, flush w/ 5166 gal 2% KCl wtr. ISIP-3000
 ATP-2700, ATR-30.9bpm, 5min-1610, 10min-1470,
 15min-1350, 30min-1320.
 3/23/95 Western 4881'-84' & 4896'-4905' : 2310 gal 2% KCl pad, 18,732
 gal 2% KCl w/ 56,840# 16/30 sand. ATP-2400,
 ATR-31.6bpm, ISIP-2450, 5min-1940, 10min-1590,
 15min-1520, 30min-1390



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #22-2
SE NW Sec.2 T9S R17E
Lease #ML-45555
Monument Butte Field
Uintah County, Utah

22

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

WELLBORE DIAGRAM

DATE: 7/19/95 vk

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% CCI +
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

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 154 jts (4846.01')
TUBING ANCHOR: trico 2.35' @ 4858.36'KB
NO. OF JOINTS: 13 jts (412.44')
SEATING NIPPLE: 1.1' @ 5271.9'KB
PERF. SUB: 4.2'
MUD ANCHOR: 1 jl - 28.03' w/ NC
STRING LENGTH: 5294.13'
SN at: 5271.90' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
SUCKER RODS: one - 3/4" x 8' Pony
209 - 3/4" x 25' D-61 Plain
TOTAL STRING LENGTH: 5249'
PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
w/ PA plunger TRICO #1102

ACID JOB / BREAKDOWN JOB

3/21/95 Western 5222'-5227' & 5234'-5242' : 2520 gal
2% KCl wtr w/ 100 balls. balled off,
ATR-4.2BPM, ATP-2500, ISIP-1550
3/23/95 Western 4881'-84' & 4896'-405' : 2142gal 2% KCl w/100
balls, balled off. ATP-3200, ATR-6.0bpm, ISIP-1200

FRAC JOB

3/21/95 Western 5222'-27' & 5234'-42' : 2500gal 2% KCl pad,
18,942 gal 2% KCl w/ 25,820# 20/40 & 37,000#
16/30 sand, flush w/ 5166 gal 2% KCl wtr. ISIP-3000
ATP-2700, ATR-30.9bpm, 5min-1610, 10min-1470,
15min-1350, 30min-1320.
3/23/95 Western 4881'-84' & 4896'-4905' : 2310 gal 2% KCl pad, 18,732
gal 2% KCl w/ 56,840# 16/30 sand. ATP-2400,
ATR-31.6bpm, ISIP-2450, 5min-1940, 10min-1590,
15min-1520, 30min-1390

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

4881' - 4905"

5222' - 5242"

S.N. @ 5272' KB

EOT - 5304' KB

PBTD @ 5745' KB

TD @ 5798' KB



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

23

WELL NAME: **BALCRON MONUMENT STATE #23-2**
 FIELD: Monument Butte
 FEDERAL LEASE NO.: STATE #ML-45555
 LOCATION: NE SW Sec.2 T9S R17E
 COUNTY/STATE: Uintah County, Utah
 WORKING INTEREST: 1.0
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 3/20/95
 INITIAL PRODUCTION: NA
 OIL/GAS PURCHASER: NA
 PRESENT PROD STATUS: SHUT-IN (water well)
 ELEVATIONS - GROUND: 5042.2' GL
 TOTAL DEPTH: 5700' KB

DATE: 7/20/95 vk
 API NO.: 43-047-32613

NET REVENUE INTEREST: 0.875
 SPUD DATE: 2/25/95
 KB: 10'
 PLUG BACK TD: 3422.07' KB

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

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:

PLUG BACK FOR WATER WELL :

CEMENT PLUGS @: #1 5600'-5500' 52 sxs
 #2 5101'-5001' 52 sxs
 #3 3888'-3788' 60 sxs

PERFORATION RECORD

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

SUCKER ROD RECORD

POLISHED ROD: none
 SUCKER RODS:

ACID JOB / BREAKDOWN JOB

none

WATER ANALYSIS : 3/1/95 9.2 pH
 1.5 H2S
 1.006 spec. grav.
 17,504 dissolved solids
 sample from flowline before switch
 to fluid

TOTAL STRING LENGTH:

PUMP SIZE:

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:
 PUMPING UNIT ENGINE:

TANKS:
 DRAIN TANK:
 TREATER:

FRAC JOB

none



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

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

24

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

WELBORE 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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

25

WELL NAME: BALCRON MONUMENT STATE #24-2
FIELD: Monument Butte
FEDERAL LEASE NO.: STATE #ML-45555
LOCATION: SE SW Sec.2 T9S R17E
COUNTY/STATE: Duchesne County, Utah
WORKING INTEREST: 1.0
PRODUCING FORMATION: Green River
COMPLETION DATE: 3/16/95
INITIAL PRODUCTION: 26.01 BO, 3.33BW
OIL/GAS PURCHASER: Amoco
PRESENT PROD STATUS: PROD
ELEVATIONS - GROUND: 5042.2' GL
TOTAL DEPTH: 5700' KB

DATE: 7/20/95 vk
API NO.: 43-047-32612

NET REVENUE INTEREST: 0.875

SPUD DATE: 2/3/95

KB: 10'
PLUG BACK TD: 5635.07' 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

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

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

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

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

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
STROKE LENGTH: 75"
PUMP SPEED, SPM: 6.0 SPM
PUMPING UNIT SIZE: Lufkin C-160D-173-74
PUMPING UNIT ENGINE: AJAX EA-30

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

TANKS: two - 12' x 20' 400 bbl vertical
DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
TREATER: 6'X20' HORZ 50# WP



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

BALCRON MONUMENT STATE #24-2
RR NW Sec. 2 T10S R17E 26
Lease #ML-48555
Monument Butte Field
Duchenne County, Utah

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

WELLBORE DIAGRAM

DATE: 7/20/06 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 sxs 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



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

27

WELL NAME: BALCRON FEDERAL #24-3Y
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-64381
 LOCATION: SE SW Sec.3 T9S R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.50
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 8/14/93
 INITIAL PRODUCTION: 60BO, 15MCF, 0BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5009.1' GL
 TOTAL DEPTH: 5900' KB

DATE : 7/21/95 vk
 API NO.: 43-013-31397

NET REVENUE INTEREST: 0.415

SPUD DATE: 7/10/93

KB: 5018' KB (9')
 PLUG BACK TD: 5837' KB

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 249.7' (6 jts)
 DEPTH LANDED: 258.7' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs premium plus +
 2% CCI+1/4 #/sk flocele

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5888.07' (135 jts)
 DEPTH LANDED: 5883' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 150 sxs Hifill standard & tail w/
 470 sxs 50-50 Poz

CEMENT TOP AT: 1852' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: none
 TUBING ANCHOR: none
 NO. OF JOINTS: 152 jts (4721.75')
 SEATING NIPPLE: 1.1' @ 4731.85'KB
 PERF. SUB: 3.05'
 MUD ANCHOR: 1 jt - 31.06' w/ NC
 STRING LENGTH: 4756.96'
 SN at: 4731.8' KB

PERFORATION RECORD

7/30/93	Haliburton	5506' - 5512'	6 ft	4 holes
		5442' - 5468'	26 ft	14 holes
8/4/93	Schlumberger	5092' - 5097'	5 ft	6 holes
		4767' - 4775'	8 ft	9 holes

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 16'
 SUCKER RODS:
 186 - 3/4" x 25' slick
 6 - 1" x 25' EL Rods w/ guides

TOTAL STRING LENGTH: 4812'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16'

STROKE LENGTH: 66"
 PUMP SPEED, SPM: 4.0 SPM
 PUMPING UNIT SIZE: Lufkin C-160D-173-74
 PUMPING UNIT ENGINE: AJAX EA-30

TANKS: two - 12' x 20' 400 bbl vertical
 DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
 TREATER:

ACID JOB / BREAKDOWN JOB

8/1/93	Western	5468'-5512' : 1890 gal 2% KCl wtr w/ 60 balls. balled off, ATR-4.8bpm, ATP-3100, ISIP-1000
8/4/93	Western	4767'-5097' : 2520 gal 2% KCl wtr, w/ 60 balls. Balled off. ATR-4.5bpm,ATP-2300, ISIP-1300

FRAC JOB

8/2/93	Western	5468'-512' : 4620gal 2% KCl pad, 18,816 gal 2% KCl w/ 29,000# 20/40 & 15,500# 16/30 sand, flush w/ 5250 gal 2% KCl wtr. ISIP-1370 ATP-2022, ATR-32.2bpm, 5min-1210, 10min-1130, 15min-1090.
8/4/93	Western	4767'-5097' : 3486gal 2% KCl pad, 19,000# 16/30 sand w/ 11,970gal 2% KCl wtr. Flush w/ 4746gal 2% KCl. ATR-15.5bpm, ATP-2800, ISIP-2000, 15mi n-1770



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

WELLBORE DIAGRAM

DATE: 7/2/10 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 249.7' (6 jts)
DEPTH LANDED: 258.7' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs premium plus +
2% CCI+1/4 #/sk flocele

259' KB

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5888.07' (135 jts)
DEPTH LANDED: 5883' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sxs Hifill standard & tall w/
470 sxs 50-50 Poz

CEMENT TOP AT: 1852' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: none
TUBING ANCHOR: none
NO. OF JOINTS: 152 jts (4721.75')
SEATING NIPPLE: 1.1' @ 4731.85'KB
PERF. SUB: 3.05'
MUD ANCHOR: 1 jt - 31.08' w/ NC
STRING LENGTH: 4756.96'
SN at: 4731.8' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 16'
SUCKER RODS: 186 - 3/4" x 25' slick
6 - 1" x 25' EL Rods w/ guides
TOTAL STRING LENGTH: 4812'
PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16'

ACID JOB / BREAKDOWN JOB

8/1/93 Western 5400'-5512' : 1890 gal 2% KCl wtr
w/ 60 balls. Balled off,
ATR-4.8bpm, ATP-3100, ISIP-1000

8/4/93 Western 4767'-5097' : 2520 gal 2% KCl wtr,
w/ 60 balls. Balled off.
ATR-4.5bpm,ATP-2300, ISIP-1300

FRAC JOB

8/2/93 Western 5468'-512' : 4620gal 2% KCl pad, 18,816 gal
2% KCl w/ 29,000# 20/40 & 15,500# 16/30
sand, flush w/ 5250 gal 2% KCl wtr. ISIP-1370
ATP-2022, ATR-32.2bpm, 5min-1210,
10min-1130, 15min-1090.

8/4/93 Western 4767'-5097' : 3486gal 2% KCl pad, 19,000#
16/30 sand w/ 11,970gal 2% KCl wtr. Flush w/
4746gal 2% KCl. ATR-15.5bpm, ATP-2800,
ISIP-2000, 15mi n-1770

PERFORATION RECORD

7/30/93 Haliburton 5506' - 5512' 6 ft 4 holes
5442' - 5468' 26 ft 14 holes

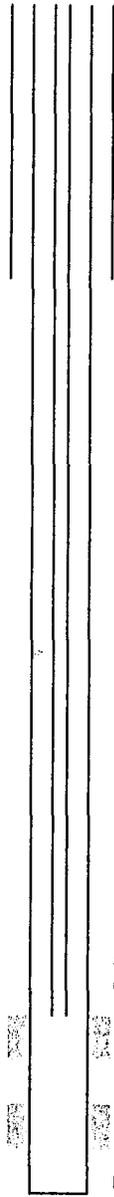
8/4/93 Schlumberger 5092' - 5097' 5 ft 6 holes
4767' - 4775' 8 ft 9 holes

S.N. @ 4732' KB
EOT - 4767' KB

4767' - 4775'
5092' - 5097'

5442' - 5468'
5506' - 5512'

PBTD @ 5837' KB
TD @ 5900' KB





EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

WELL NAME: BALCRON FEDERAL #22-10Y
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-65210
 LOCATION: SE NW Sec.10 T9S R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.50
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 8/30/93
 INITIAL PRODUCTION: 87BO, 25MCF, 0BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5121.9' GL
 TOTAL DEPTH: 5824' KB

DATE : 7/21/95 vk

API NO.: 43-013-31395

NET REVENUE INTEREST: 0.415

SPUD DATE: 7/25/93

KB: (10')

PLUG BACK TD: 5772' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5824.38' (132 jts)
 DEPTH LANDED: 5820' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 154 sxs thrifty lite & tail w/
 258 sxs 50-50 Poz+additives
 CEMENT TOP AT: 2450' KB

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 246.85' (6 jts)
 DEPTH LANDED: 254.85' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs premium plus +
 2% CCI+1/4 #/sk flocele

PERFORATION RECORD

8/10/93	Cutters	5428' - 5431'	3 ft	2 holes
		5408' - 5420'	12 ft	6 holes
		5363' - 5381'	18 ft	7 holes
8/15/93	Cutters	5012' - 5030'	2 SPF	18 ft 36 holes
8/17/93	Cutters	4689' - 4699'	2 SPF	10 ft 20 holes

ACID JOB / BREAKDOWN JOB

8/10/93	Western	5381'-5431' : 2310 gal 2% KCl wtr w/ 20 balls. balled off, ATR-6.5bpm, ATP-2800, ISIP-1100
8/15/93	Western	5012'-5030' : 2940 gal 2% KCl wtr, w/ 75 balls. Balled off. ATR-3.5bpm,ATP-2500, ISIP-1650
8/17/93	Western	4689'-99' : 2940 gal 2% KCl w/ 60 balls, ball off. ATR-5.5bpm,ATP-2500,ISIP-1650

FRAC JOB

8/12/93	Western	5363'-5431' : 4788gal 2% KCl pad, 14,112 gal 2% KCl w/ 26,160# 20/40 & 23,140# 16/30 sand, flush w/ 5292 gal 2% KCl wtr. ISIP-1450 ATP-1400, ATR-26.4bpm, 15min-1210
8/17/93	Western	4767'-5097' : 4494gal 2% KCl pad, 24,440# 20/40 & 16,130# 16/30 sand w/ 13,230gal 2% KCl. Flush w/ 4956gal 2% KCl. ATR-26bpm, ATP-2350, ISIP-2350, 15min-1940
8/17/93	Western	4689'-99' : 2520gal 2%KCl pad, 8232 gal w/ 26,000#16/30, flush w/4620gal 2% ATR-20.5bpm,ATP-2230,ISIP-1990,15min-1660

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: none
 TUBING ANCHOR: none
 NO. OF JOINTS: 149 jts (4628.85')
 SEATING NIPPLE: 1.1' @ 4639'KB
 PERF. SUB: 3.2'
 MUD ANCHOR: 1 jt - 31.88' w/ NC
 STRING LENGTH: 4665.03'
 SN at: 4639' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 16'
 SUCKER RODS: one - 3/4" x 6' pony
 one - 3/4" x 8' pony
 178 - 3/4" x 25' grade D slick
 6 - 1" x 25' EL rods w/ guides

TOTAL STRING LENGTH: 4626'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RHAC

STROKE LENGTH: 76"
 PUMP SPEED, SPM: 5.0 SPM
 PUMPING UNIT SIZE:
 PUMPING UNIT ENGINE:

TANKS:
 DRAIN TANK:
 TREATER:



Elev. - 5122' GL
KB - 5132' KB (10')

WELLBORE DIAGRAM

DATE : 7/21/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 246.85' (6 jts)
DEPTH LANDED: 254.85' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs premium plus +
2% CCl+1/4 #/sk flocele

255' KB

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5824.38' (132 jts)
DEPTH LANDED: 5820' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 154 sxs thrifty lite & tail w/
258 sxs 50-50 Poz+additives

CEMENT TOP AT: 2450' KB

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: none
TUBING ANCHOR: none
NO. OF JOINTS: 149 jts (4628.85')
SEATING NIPPLE: 1.1' @ 4639'KB
PERF. SUB: 3.2'
MUD ANCHOR: 1 jt - 31.88' w/ NC
STRING LENGTH: 4665.03'
SN at: 4639' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 16'
SUCKER RODS: one - 3/4" x 6' pony
one - 3/4" x 8' pony
178 - 3/4" x 25' grade D slick
6 - 1" x 25' EL rods w/ guides

TOTAL STRING LENGTH: 4626'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RHAC

ACID JOB / BREAKDOWN JOB

8/10/93 Western 5381'-5431' : 2310 gal 2% KCl wr
w/ 20 balls. balled off,
ATR-6.5bpm, ATP-2800, ISIP-1100

8/15/93 Western 5012'-5030' : 2940 gal 2% KCl wr,
w/ 75 balls. Balled off.
ATR-3.5bpm,ATP-2500, ISIP-1650

8/17/93 Western 4689'-99' : 2940 gal 2% KCl w/ 60 balls,
ball off. ATR-5.5bpm,ATP-2500,ISIP-1650

FRAC JOB

8/12/93 Western 5363'-5431' : 4788gal 2% KCl pad, 14,112 gal
2% KCl w/ 26,160# 20/40 & 23,140# 16/30
sand, flush w/ 5292 gal 2% KCl wr. ISIP-1450
ATP-1400, ATR-26.4bpm, 15min-1210

8/17/93 Western 4767'-5097' : 4494gal 2% KCl pad, 24,440#
20/40 & 16,130# 16/30 sand w/ 13,230gal
2% KCl. Flush w/ 4956gal 2% KCl. ATR-26bpm,
ATP-2350, ISIP-2350, 15min-1940

8/17/93 Western 4689'-99' : 2520gal 2%KCl pad, 8232 gal
w/ 26,000#16/30, flush w/4620gal 2%
ATR-20.5bpm,ATP-2230,ISIP-1990,15min-1660

PERFORATION RECORD

8/10/93 Cutters 5428' - 5431' 3 ft 2 holes
5408' - 5420' 12 ft 6 holes
5363' - 5381' 18 ft 7 holes

8/15/93 Cutters 5012' - 5030' 2 SPF 18 ft 36 holes

8/17/93 Cutters 4689' - 4699' 2 SPF 10 ft 20 holes

S.N. @ 4639' KB
EOT - 4675' KB
4689' - 4699'

5012' - 5030'

5363' - 5381'
5408' - 5420'
5428' - 5431'

PBTD @ 5772' KB
TD @ 5824' KB



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION

WELL NAME: **BALCRON FEDERAL #44-4Y**
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-65967
 LOCATION: SE SE Sec.4 T9S R17E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.50
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/14/94
 INITIAL PRODUCTION: 20BO, 0BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: PROD
 ELEVATIONS - GROUND: 5201.5' GL
 TOTAL DEPTH: 5850' KB

DATE : 7/21/95 vk

API NO.: 43-013-31452

NET REVENUE INTEREST: 0.415

SPUD DATE: 9/30/94

KB: 5211.5' KB

PLUG BACK TD: 5808' KB

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 260.15' (6 jts)
 DEPTH LANDED: 267' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 class "G" +
 2% CCI+1/4 #/sk flocele

PERFORATION RECORD

11/22/94	Schlumberger	5444' - 5448'	4 SPF	3 ft	12 holes
		5560' - 5564'	4 SPF	4 ft	16 holes
		5587' - 5593'	4 SPF	6 ft	32 holes
11/28/94	Schlumberger	5187' - 5192'	2 SPF	5 ft	10 holes
11/30/94	Schlumberger	4247' - 4254'	4 SPF	7 ft	28 holes

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5849.63' (136 jts)
 DEPTH LANDED: 5860' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 261sxs super "G" + (47# "G" + 20# Poz A +
 17# CSE+2#HiSeal-2+1/4 # celloseal)/sk +
 3% salt+2% gel. Tail w/ 316 sxs 50-50 Poz+
 2% gel + 1/4 #/sk celloseal
 CEMENT TOP AT: 1734' KB (CBL)

ACID JOB / BREAKDOWN JOB

11/22/94	Western	5544'-48', 5560'-64' : 500gal HCl + 2016 gal 2%KCl w/ 64 balls. Balled out. ATR-4.4 bpm, ATP-1600, ISIP-800
11/22/94	Western	5587'-93' : 500gal HCl + 2268 gal 2% KCl w/ 112 balls. Ball action, no ballout. ATR-4.0 bpm, ATP-1700, ISIP-700
11/28/94	Western	5187'-92' : 2016 gal 2% KCl w/ 40 balls, No ball off. ATR-4.0bpm, ATP-2600, ISIP-2100
12/1/94	Western	4247' - 54' : 2394gal 2% KCl wtr w/ 56 balls, Ballout. ATR-4bpm, ATP-2200, ISIP-1200

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 134 jts (4187.67')
 TUBING ANCHOR: 2.75'
 NO. OF JOINTS: 45 jts (1409.71')
 SEATING NIPPLE: 1.1' @ 5611.43'KB
 PERF. SUB: 4.05'
 MUD ANCHOR: 1 jt - 32.42' w/ NC
 STRING LENGTH: 5637.9'
 SN at: 5611' KB

FRAC JOB

11/23/94	Western	5544-48', 5560'-64', 5587'-93' : 4900gal 2% KCl pad, 30,576gal 2% KCl w/ 51,680# 20/40 & 40,540# 16/30 sand, flush w/ 5544 gal 2% KCl wtr. ATP-1900, ATR-30.4bpm
11/29/94	Western	5187' - 92' : 1806gal 2% KCl pad, 21,340# 20/40 w/ 5900gal 2% KCl wtr. SCREENOUT. Flush w/ 3276 gal 2% KCl. ATR-26bpm, ATP-3800, 5min-3050, 10min-2860, 15min-2860
12/1/94	Western	4247' - 54' : 2016gal 2%KCl pad, 15,456 gal w/ 45,700#16/30, flush w/4242gal 2% ATR-31.5bpm, ATP-2471, ISIP-1880, 30min-1350

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 8' pony
 122 - 3/4" x 25' D-61 Plain
 TOTAL STRING LENGTH: 3074'
 PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ PA plunger TRICO #1076
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6.0 SPM
 PUMPING UNIT SIZE: Lufkin LM228D-213-86T
 PUMPING UNIT ENGINE: Ajax E-42
 TANKS: two - 12'x20' 400 bbl
 DRAIN TANK: one - 12' x 5' 100 bbl open top
 TREATER:



Elev. - 5201.5' GL
 KB - 5211.5' KB (10')

WELLBORE DIAGRAM

DATE : 7/24/95 vk

SURFACE CASING

SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 260.15' (6 jts)
 DEPTH LANDED: 267' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 class "G" +
 2% CCI+1/4 #/sk flocele

260' KB

PRODUCTION CASING

SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5849.63' (136 jts)
 DEPTH LANDED: 5860' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 281sxs super "G" + (47# "G" + 20# Poz A +
 17# CSE+2#HiSeal-2+1/4 # celloseal)/sk +
 3% salt+2% gel. Tail w/ 316 sxs 50-50 Poz+
 2% gel + 1/4 #/sk celloseal
 CEMENT TOP AT: 1734' KB (CBL)

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 134 jts (4187.87')
 TUBING ANCHOR: 2.75'
 NO. OF JOINTS: 45 jts (1409.71')
 SEATING NIPPLE: 1.1' @ 5611.43'KB
 PERF. SUB: 4.05'
 MUD ANCHOR: 1 jt - 32.42' w/ notched collar
 STRING LENGTH: 5637.9'
 SN at: 5611' KB

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
 SUCKER RODS: one - 3/4" x 8' pony
 122 - 3/4" x 25' D-61 Plain
 TOTAL STRING LENGTH: 3074'
 PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
 w/ PA plunger TRICO #1076

ACID JOB / BREAKDOWN JOB

11/22/94 Western 5544'-48',5560'-64' : 500gal HCl +
 2016 gal 2%KCl w/ 64 balls. Balled out.
 ATR-4.4 bpm, ATP-1600, ISIP-800
 11/22/94 Western 5587'-93' : 500gal HCl + 2268 gal 2%
 KCl w/ 112 balls. Ball action, no ballout.
 ATR-4.0 bpm, ATP-1700, ISIP-700
 11/28/94 Western 5187'-92' : 2016 gal 2% KCl w/ 40 balls,
 No ball off. ATR-4.0bpm,ATP-2600,ISIP-2100
 12/1/94 Western 4247' - 54' : 2394gal 2% KCl wtr w/ 56 balls,
 Ballout. ATR-4bpm,ATP-2200,ISIP-1200

FRAC JOB

11/23/94 Western 5544-48', 5560'-64', 5587'-93' : 4900gal 2%
 KCl pad, 30,576gal 2% KCl w/ 51,680# 20/40
 & 40,540# 16/30 sand, flush w/ 5544 gal 2%
 KCl wr. ATP-1900, ATR-30.4bpm
 11/29/94 Western 5187' - 92' : 1806gal 2% KCl pad, 21,340#
 20/40 w/ 5900gal 2% KCl wr. SCREENOUT.
 Flush w/ 3276 gal 2% KCl. ATR-26bpm,
 ATP-3800, 5min-3050,10min-2860,15min-2860
 12/1/94 Western 4247' - 54' : 2016gal 2%KCl pad, 15,456
 gal w/ 45,700#16/30, flush w/4242gal 2%
 ATR-31.5bpm,ATP-2471,ISIP-1880,30min-1350

PERFORATION RECORD

11/22/94 Schlumberger 5444' - 5448' 4 SPF 3 ft 12 holes
 5560' - 5564' 4 SPF 4 ft 16 holes
 5587' - 5593' 4 SPF 6 ft 32 holes
 11/28/94 Schlumberger 5187' - 5192' 2 SPF 5 ft 10 holes
 11/30/94 Schlumberger 4247' - 4254' 4 SPF 7 ft 28 holes

4247' - 4254'

5187' - 5192'

5444' - 5448'

5560' - 5564'

5587' - 5593'

S.N. @ 5611' KB

EOT - 5648' KB

PBTD @ 5808' KB

TD @ 5850' KB

State : Utah SL Merid 9S - 17E - 2 sw nw se

County: UINTAH Oper: NATURAL GAS CORP

Field : WILDCAT Compl: 07/22/1982 W O OIL P & A

Well: NGC #33-2H Last Info: 06/03/1991

Ftg: 1786 fsl 2231 fel

Lat-Long by TDG: 40.057465 - 109.971756

Oper Address: 85 S. 200 E., Vernal UT 84078 - 801/789-4573

Obj: 6150 Test Permit #: 04/07/1982 API: 43-047-3119500

Elev: 5064KB

Spud: 04/25/1982 Contr: Olsen Rig #: 5

TD: 6150 on 05/05/1982 Wasatch

Elev: 5064KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1480	3584	L H	Black sh facies	5320	-256	L H
oil shale facies	2133	2931	L H	Green River ls	5869	-805	L H
Delta facies	3230	1834	L H	Wasatch	6040	-976	L H
gn shale facies	4274	790	L H				

Casing: 9 5/8 @ 300
5 1/2 @ 6149 w/620

Core : None

DST : None

Logs : DIL-GR-SP FDC-CNL-GR Cal BHC Sonic-GR Cal F log

Tubing: 2 7/8 @ 5270

Perfs : 4085-4171

w/14 holes @ 4085-4093 4161-4171 - frac w/28,630 gal Versagel 88,000#
sd

4790-4797

w/22 holes - frac w/24,660 gal Versagel 56,000# sd

5178-5210

w/65 holes - frac w/41,100 gal Versagel 94,000# sd

PZone : 4085-5210

IP : P 85 BOPD; 3 MCFGPD; 24 BWPD

Journal: 5/5/82 logging.

5/14/82 WOCT.

5/20/82 WOCT.

6/2/82 moving in completion tools.

6/7/82 MICT.

10/4/82 completed oil well.

State : Utah SL Merid 9S - 17E - 3 nw sw

County: DUCHESNE Oper: ENSERCH EXPL CO INC

Field : WILDCAT Compl: 04/22/1982 W O OIL

Well: MONUMENT BUTTE FEDERAL #1-3 Last Info: 11/02/1988

Ftg: 1954 fsl 816 fw1

Lat-Long by TDG: 40.057968 - 109.998505

Oper Address: 1700 Lincoln St., Ste. 3600, Denver CO 80203

Obj: 6000 lwr Douglas Cre Permit #: 02/19/1982 API: 43-013-3064200

Elev: 5156GR

Spud: 03/10/1982

TD: 6213 on 03/22/1982

PB: 6122

Elev: 5156GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1505	3651	L H	Wasatch	6045	-889	L H

Casing: 8 5/8 @ 312 w/225 - 5 1/2 @ 6212 w/955

Core : None

DST : None

Logs : DIL Caliper Prolog Spectralog

Tubing: 2 3/8 @ 4995

Perfs : 5558-5575 (Green River)

w/18 holes - acid w/3500 gal WFC-1 acid

5522-5531 (Green River)

w/10 holes - frac w/9000 gal Diesel pad 36,000# 20/40 sd 12,000# 10/20

sd

4794-4884 (Green River)

4876-84 4794-4804 w/1 SPF - frac w/27,000 gal frac fluid 36,000# 20/40

sd 12,000# 10/20 sd

4270-4280 (Green River)

w/1 SPF - bk dwn w/1100 gal diesel - frac w/10,102 gal diesel 16,000#

20/40 sd 6400# 10/20 sd - pmp tstg 4794-5575 avg 80 BOPD

PZone : 4270-5575 (Green River)

IP : P 90 BOPD 15 BWPD

Journl: 3/25/82 WOCT. 4/7/82 swabing frac fluid. 4/14/82 recovering frac

diesel. 4/21/82 prep to complete. 5/12/82 pump tstg. 6/10/82

completed, no details available.

6/18/82 completed.

State : Utah SL Merid 9S - 17E - 3 se nw

County: DUCHESNE Oper: ENSERCH EXPL CO INC

Field : MONUMENT BUTTE Compl: 10/24/1983 D O OIL

Well: MONUMENT BUTTE FEDERAL #2-3 Last Info: 11/14/1988

Ftg: 1918 fnl 1979 fwl

Lat-Long by TDG: 40.061905 - 109.994354

Oper Address: 1700 Lincoln St., Ste. 3600, Denver CO 80203

Obj: 6000 lwr Douglas Cre Permit #: 08/15/1983 API: 43-013-3081000

Elev: 5124KB

Spud: 09/17/1983 Contr: TWT #58

TD: 6011 on 09/26/1983 Green River PB: 5900

Elev: 5124KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1480	3644	L H	basal Green River	5936	-812	L H
Douglas Creek mbr	4690	434	L H				

Casing: 8 5/8 @ 330 w/220 - 5 1/2 @ 6011 w/685

Core : None

DST : None

Shows : 4213-5604

Drlg Brks: 4213-4224 w/max 420 U gd yel fluor, slo strmg cut, med-dk oil stn, fr show, fr-gd poro; 4234-4240 w/max 340 U w/gd yel fluor, med brn stn, fr show & poro; 4276-4290 w/max 650 U, lt-med brn stn, m-fr poro; 5012-5022 w/max 590 U, yel fluor, med brn oil stn, gd strmg cut, fr poro; 5218-5230 w/max 359 U, gd fluor, med brn oil stn, fr-gd poro; 5554-5588 w/max 700 U occas yel fluor, slo cut, med brn oil stn, tite poro, fr show; 5600-5604 w/max 340 U, occas yel fluor, slo cut, lt med brn oil stn, tite sd, pr-fr show

Logs : DLL-Micro-SP-GR-Cal CNL-DL-GR-Cal

Tubing: 2 7/8 @ 5243 w/pkr set @ 5114

Perfs : 5937-5943

w/2 SPF - acid w/1000 gal 15% HCl -- set CIBP @ 5900

5220-5234 (Green River)

w/2 SPF - frac w/752 bbbs gelled wtr 78,500# sd

PZone : 5220-5234 (Green River)

IP : P 104 BOPD, no gas, 13 BWPD

Journal: 9/19/83 drlg ahead.

10/6/83 tight hole.

10/21/83 setting casing.

10/24/83 completion details confidential.

11/21/83 on production; no details available.

12/2/83 completion details confidential.

1/11/84 completion details confidential.

2/15/84 further details confidential.

3/27/84 completed oil well.

State : Utah SL Merid 9S - 17E - 10 se ne

County: DUCHESNE Oper: COTTON PETROLEUM CORP

Field : UNNAMED Compl: 02/22/1982 D O OIL

Well: DUNCAN FEDERAL #1-10 Last Info: 02/23/1988

Ftg: 1980 fnl 760 fel

Lat-Long by TDG: 40.047165 - 109.985352

Obj: 6150 Green River Permit #: 04/03/1981 API: 43-013-3056800
Elev: 5094GR

Spud: 07/29/1981

TD: 6048 on 08/23/1981

PB: 6002

Elev: 5094GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	800	4294	L H	Wasatch	5850	-756	L H

Casing: 8 5/8 @ 505 w/500 - 4 1/2 @ 6048 w/1250

Core : None

DST : #1 5332- 5338 (Green River)
#2 5364- 5378 (Green River)

Logs : SP-GR DIL CNL-FDC DLL Den-Neu

Tubing: 2 3/8 @ 5246

Perfs : 5422-5380

@ 5422-60 5365-80 selectively - acid w/15,000 N2 pad, 4500 gals 15%
acid - frac w/43,500 gal Apollo 40 & 86,000# 20/40 sd
4582-4600
w/37 holes - acid w/15,000 gal N2 pad 3000 gal 15% MSR -frac w/32,000

gal gel oil, 57,000# 20/40 sd 12,000# 10/20 sd

PZone : 4582-5460 (Green River)

IP : P 77 BOPD, no gas, 3 BWPD, TP 14

Journl: 8/5/81 drlg @ 316. 8/11/81 drlg @ 3290. 8/18/81 drlg @ 4713. 8/26/81
drlg @ 5708. 9/1/81 reached TD. 9/22/81 tstg. 9/29/81 perfed well.
10/6/81 perfed well, tstg. 10/13/81 tstg. 10/27/81 still tstg.
11/11/81 tstg. 11/25/81 tstg. 12/2/81 tstg. 12/8/81 tstg. 12/15/81
tstg. 1/6/82 perf'd hole. 1/12/82 tstg. 1/26/82 tstg. 2/3/82 tstg.
2/11/82 tstg. 2/24/82 tstg. 3/2/82 tstg. 3/9/82 tstg.
4/7/82 completed oil well.

State : Utah SL Merid 9S - 17E - 10 nw se

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : MONUMENT BUTTE Compl: 12/20/1982 D O OIL

Well: CASTLE DRAW #2-J-10 Last Info: 07/11/1988

Ftg: 1980 fsl 1980 fel

Lat-Long by TDG: 40.043549 - 109.989716

Oper Address: PO Box 2620, Casper WY 82602-2620 - 307/234-1563

Obj: 5142 Green River Permit #: 08/27/1982 API: 43-013-3068400

Elev: 5142GR

Spud: 10/31/1982 Contr: Westburne #55

TD: 6108 on 11/10/1982 Wasatch PB: 6066

Elev: 5142GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1314	3828	L H	Douglas Creek	4478	664	L H
Parachute Creek	2278	2864	L H	Wasatch	5894	-752	L H
Garden Gulch	3710	1432	L H				

Casing: 9 5/8 @ 332 w/188
- 5 1/2 @ 6108 w/916

Core : None

DST : None

Logs : MSFL-Cal FDC-CNL DLL-GR
PDC

Cyberlook

Tubing: 2 3/8 @ 4538

Perfs : 5723-5738 (Green River)

w/6 shots @ 5723 25 27 30 36 38

5882-5890 (Green River)

w/2 SPF - frac w/40,000 gal gel, 99,000# 20/40 sd - fld 379 BWPD -

swbd 41.5 BF (50% O)

5352-5623 (Green River)

w/2 SPF @ 5617-23 5474-77 5413-20 5396-5400 5352-64 - frac w/52,000

gal gel, 141,500# 20/40 sd - fld 192 BLWPD

5114-5140 (Green River)

w/2 SPF - frac w/33,110 gal gel, 48,000# 20/40 sd

4966-4974 (Green River)

w/2 SPF - frac w/34,670 gal gel, 108,000# 20/40 sd - fld 9 BF/2 hrs

(tr oil)

4559-4573 (Green River)

w/2 SPF - frac w/43,000 gal gel, 108,000# 20/40 sd, 32,000# 10/20 sd -
pmpd 100 BW - pmpd 97 BOPD, 33 BWPD

PZone : 5890-4559 (Green River)

IP : P 105 BOPD, no wtr (Operators Report) P 103 BOPD grav 37, no wtr (Final

=====
State : Utah SL Merid 9S - 17E - 10 nw se

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : MONUMENT BUTTE Compl: 12/20/1982 D O OIL

=====
Continued =====

IP : Report)
Journl: 10/31/82 spudded.
 11/3/82 drlg @ 1922.
 11/10/82 drld to 6100.
 11/16/82 WOCT.
 11/24/82 WOCT.
 12/1/82 logged.
 12/8/82 flowing.
 12/14/82 perfd 4966-4974, prep to frac.
 12/27/82 pumping.
 1/5/83 pumping.
 1/20/83 completed oil well.

=====
State : Utah SL Merid 9S - 17E - 10 se sw

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : MONUMENT BUTTE Compl: 08/26/1984 D D J&A

=====
Well: CASTLE DRAW USA #3N10 Last Info: 03/14/1985

Ftg: 660 fsl 1980 fwl

Lat-Long by TDG: 40.039963 - 109.994400

Oper Address: PO Box 2620, Casper WY 82602-2620 - 307/234-1563

Obj: 6100 Wasatch Permit #: 07/09/1984 API: 43-013-3097300

Elev: 5191GR

=====
Spud: 08/19/1984 Contr: B&B #4

TD: 2170 on 08/23/1984

=====
Notes : (Junked & abandoned due to severe hole deviation, rig skidded,
 replaced by Castle Draw USA 3N10X)

Casing: 8 5/8 @ 316 w/230

Core : None

DST : None

Logs : None

Journal: 9/4/84 drlg ahead.

 9/10/84 junked & abandoned.

State : Utah SL Merid 9S - 17E - 10 se sw

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : MONUMENT BUTTE Compl: 10/30/1984 D O OIL

Well: CASTLE DRAW USA #3-N10X Last Info: 10/06/1988

Ftg: 655 fsl 2005 fwl

Lat-Long by TDG: 40.039948 - 109.994324

Oper Address: PO Box 2620, Casper WY 82602-2620 - 307/234-1563

Obj: 6100 Wasatch Permit #: 09/07/1984 API: 43-013-3099400

Elev: 5203KB

Spud: 08/31/1984 Contr: Olsen #5

TD: 6097 on 09/13/1984 Wasatch

PB: 5981

Elev: 5203KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS

M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1324	3879	L H	Douglas Creek mbr	4470	733	L H
Parachute Creek mbr	2257	2946	L H	Black sh facies	5220	-17	L H
Garden Gulch mbr	3508	1695	L H	Wasatch	5884	-681	L H
Green River H mkr	3698	1505	L H				

Notes : (Rig skid, replacement well for Castle Draw USA 3-N10 which was junked & abandoned).

Casing: 8 5/8 @ 304 w/250 - 4 1/2 @ 6097 w/1080

Core :

None

DST :

None

#1 5429

RFT.

#2 5387

RFT.

#3 5350

RFT.

#4 5332

RFT.

#5 4932

RFT.

#6 4555

RFT.

#7 4435

RFT.

#8 3983

RFT.

#9 3463

RFT.

#10 3345

RFT. Liquid sample 100% mud

Logs : DILL-MSFL GR Cal SP 6094-304 CN LDT EPT GR Cal 6094-304

Tubing: 2 3/8 @ 4914

Perfs : 5711-5828 (Green River)

w/2 SPF @ 5711-5725 5772-5791 5818-5828 - frac w/35,500 gal gelled KCl

Page: 1

Continued

State : Utah SL Merid 9S - 17E - 10 se sw

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : MONUMENT BUTTE Compl: 10/30/1984 D O OIL

Continued

Perfs : wtr 76,000# 20/40 sd - flush w/3780 gal 4% KCl wtr
5512-5610 (Green River)
w/2 SPF @ 5512-5526 5598-5610
512-5610 (Green River)

w/2 SPF @ 5512-5526 5598-5610 - frac w/37,838 gal gelled 4% KCl wtr
71,028# 20/40 sd - rec 180 of 2014 bbl load wtr
5336-5391 (Green River)

w/2 SPF @ 5336-5353 5384-5391 - frac w/42,000 gal gelled 4% KCl wtr
98,000# 20/40 sd
4925-4936 (Green River)

w/2 SPF - frac w/39,160 gal gelled 4% KCl wtr 107,280# 20/40 sd - flwd

3 BW w/tr oil/1 hr - pmpd 76 BO 42 BW/24 hrs

PZone : 4925-5828 (Green River)

IP : P 95 BOPD grav 30, no gas, 20 BWPD

Journal: 9/13/84 drlg @ 5954.

9/16/84 WOCT.

10/10/84 treating Green River 2nd zone.

10/18/84 testing Green River 4th Zone.

10/25/84 pump tstng Green River.

11/14/84 completed oil well.

State : Utah SL Merid 9S - 17E - 10 c se se

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : WILDCAT Compl: 09/16/1965 W O OIL

Well: CASTLE DRAW U.S.A. #1 Last Info: 01/12/1987

Ftg: 660 fsl 660 fel

Lat-Long by TDG: 40.039886 - 109.984985

Oper Address: PO Box 2620, Casper WY 82602-2620 - 307/234-1563

Obj: 6300 Wasatch Permit #: 07/02/1965 API: 43-013-1621800

Elev: 5178KB

Spud: 07/12/1965 Contr: MIRACLE & WOOSTER

TD: 6034

PB: 5528

Elev: 5178KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1305	3873	L S	Black sh	5782	-604	L S
Parachute Creek	2504	2674	L S	Wasatch	5885	-707	L S
B (Chevron H)	3700	1478	L S	Green River	1305	3873	L T
Garden Gulch	3702	1476	L S	Parachute Creek	2504	2674	L T
Douglas Creek	4468	710	L S	Garden Gulch H	3702	1476	L T
Wasatch tongue	5304	-126	L S	Black sh	5185	-7	L T
Wasatch	5456	-278	L S	Wasatch	5885	-707	L T

<< Shell Records >>

Casing: 9-5/8 C @ 210 w/150; 5 1/2 C @ 5561 w/550

PZone : 4792-4959 (Green River)

(gross)

IP : Green River (overall) 4792-4959 P 190 BO/D

Journl: 07/07/65

Loc.

07/13/65 320 Drlg. 9-5/8 in C 210 w/150 sx. Miracle & Wooster, contractor.

07/20/65 2800 Drlg.

07/21/65 2900 Drlg. DST #1 2759-99 ft. Op 30 min, SI 30 min, Op 30 min, SI 30 min. Str. bl. NGTS. Rec. 1286 ft sli GCSW, w/ammonia odor(str). FP 87-432 lb, SIP 1292-1292 lb, HP 1378-1378 lb. BHT-104 deg.

07/26/65 4100 Drlg.

07/28/65 4360 Drlg.

08/03/65 4877 Drlg. DST #2 4537-53 ft. Op 30 min, SI 60 min, Op 30 min, SI 30 min Rec. 1589 ft Mud. FP 166-290 lb, SIP 1538-1648 lb, HP 224-2213 lb. DST #3 4544-4619 ft. SI 30 min, Op 60 min, SI 60 min. Wk blow. Rec. 480 ft M&W, btt sli GC. FP 145 lb, SIP 1742-1679 lb, HP 2234 lb.

08/09/65 5572 Drlg. DST #4 4940-66. Op 30 min, SI 1 hr, Op 1 hr, SI 1 hr. Rec. 1110 ft HO&GCMW. FP 179-221 lb, SIP 1399-1399 lb, HP 2462-2462 lb. BHT 158 deg. DST #5 4990-5117 ft. Op 1 hr, SI 1 hr, Op 2 hr, SI 2 hr, Str bl t/o. NGTS. Rec. 361 ft HP&GCM, no wt. FP 31-52 lb, SIP 930-1160 lb,

Page: 1

Continued

State : Utah SL Merid 9S - 17E - 10 c se se

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : WILDCAT Compl: 09/16/1965 W O OIL

=====
Continued
=====
Journal: HP 2444-2444 lb.
08/11/65 5612 Drlg. DST #6 5594-5612 ft. Misrun. DST #7 5593-5612 ft.
08/11/65 5612 Op 30 min, SI 30 min, Op 1 1/2 hr, SI 1 1/2 hr. wk bl
t/o. Rec. 675 ft drlg mud. FP 112-150 lb, SIP 243-356
lb, HP 2777-2777 lb, BHT 185 deg.
08/19/65 6034 WOCT. 5 1/2 in C 5561 ft w/550 sx.
08/26/65 Cleaning out. Perf. 8 holes/ft. 5394 ft, 5429 ft, 5432
ft.
09/02/65 Prep. to fract. Fillup 250 ft in 12 1/2 hrs. Sptd 250
gal. acid. Sd oil fract, 15,000 gal oil, 10,800 sd. BDP
2300. Cleaned out. SI 12 hrs, fl. 1500 ft from surface.
Swb. 3.13 BO/hr for 14 hrs., heavily GC. Swbd 19 BO/10
hrs.
09/02/65 6034 Perf. 8 holes/ft. 5334 ft, 5340 ft, 5349 ft. Set BP
5365 ft, Pk 5296 ft. TD. Swbd. dry 1 1/2 hrs. SI 14
hrs. Attempted to acidize. No BD at 7250 lb. Pulled Pk
& BP. Perf. & re-perf. 2 holes/ft 5332-49 ft & 5347-51
ft.
09/09/65 Prep. to frac t. Sd oil fract, swbd, didn't rec. all
load. Perf. 4948-49 ft, 4950-51 ft, 4958-59 ft,
acidized & fract. Swbd, rec. all LO, swbd. 59 BNO.
Perf. 4792-93 ft, 4796-97 ft. Re-perf. 4792-96 ft, Swbd
LO.
09/16/65 Putting on pump. Acidized & fract. 4792-93 ft & 4796-97
09/16/65 ft. Swbd 189 BLO. 84 BLO to rec.
09/22/65 Testing on pump. 9-17 P 20 1/2 hrs. 151 BO 9-18 P 24
hrs. 190 BO 9-19 P 24 hrs. 112 BO

<< State Records >>

Casing: 9 5/8 @ 312 w/190 - 5 1/2 @ 5562 w/660

Core : None

DST : #1 2759- 2799 (upr Green River)
. op 30 si 30 IF op w/strng blo immed & remd strng thruout. REc 1286
ftsli GCSW. HP 1278 FP 87-432 SIP 1292 BHT 104 F
#2 4537- 4553 (Green River)
. op 30 si 30 op 60 si 60. Rec 1589 ft DM. FP 166-290 352-466 SIP
1638-1648. BHT 134 F
#3 4544- 4619 (Green River)
. op 30 si 60 op 60 si 60. IF op w/wk blo; FF op w/wk blo. Rec 480 ft
M&SWG. HP 2234-2234 FP 162-145 186-248 SIP 1742- 1679
#4 4940- 4966 (Green River)
. op 30 si 30 op 60 si 60. Rec 1110 ft very li O&GCDM. HP 2461 FP
179-221 263-410 SIP 1399-1399 BHT 158 FF
#5 4940- 5117 (Green River)
. op 60 si 60 op 120 si 120. IF op w/strong blo thruout test. Rec 361
ft heavy O&GCM. NGTS. HP 2444 FP 31- 52 51-114 SIP 93-1160
#6 5594- 5612 (Green River)
. op 60 si 60 op 120 si 120. IF op w/wk blo, decrs to very wk blo. Rec

Page: 2

Continued

State : Utah SL Merid 9S - 17E - 10 c se se

County: DUCHESNE Oper: UNION OIL CO OF CAL

Field : WILDCAT Compl: 09/16/1965 W O OIL

===== Continued =====

DST : 1350 ft DM. HP 2781 FP 113 SIP 675
#7 5593- 5612 (Green River)
. op 30 si 30 op 90 si 90. IF op w/wk blo, FF op w/wk blo thruout. Rec
675 ft DM HP 2777 FP 112-150 169-244 SIP 244-257

Logs : IES SGR-C MLL FAL FDC

Tubing: 2 7/8 @ 5456

Perfs :
5384-5432 w/8 holes - treat w/250 gals 15% NEA 20-40 sd 1/2 lb/gal 15
bbls/min, 5400 lb -- Perfs 5334-5349 w/8 shots - treat w/250 gals 15%
NEA, 1110 gals no. 2 diesel -- Perfs 5332-5351 w/2 SPF - treat w/250
gals 15% NEA, 11400 lb 20-40 sd 1000 lb 8-12 beads, 14600 gal no. 2
diesel -- Perfs 4948-4959 w/2 SPF - treat w/250 gal 15% NEA, 16200 gal
no. 2 diesel 11500 lb 20-40 sd 1500 lb 8-12 beads -- Perfs 4792-47 97
w/2 SPF - Treat w/250 gals 15% NEA @ 2900 lb, 8000 lb 20-40 sd, 1000
lb 8-12 beads 273 bbls of no. 2 diesel

PZone : 4792-5432 (Green River)

IP : 190 BOPD Green River *23 BOPD P 190 BOPD grav 34

Journl: SPURRED IN: *Resumed: 10-27-68 COMPLETED: *11-22-68 WELL ELEVATION:
*5178 ft KB

State : Utah SL Merid 8S - 17E - 35 se nw

County: UINTAH Oper: ENSERCH EXPL CO INC

Field : EIGHT MILE FLAT NORTH Compl: 03/05/1984 D O OIL

Well: COUNTY LINE FEDERAL #1-35 Last Info: 11/30/1988

Ftg: 1983 fnl 2045 fwl

Lat-Long by TDG: 40.076187 - 109.975250

Oper Address: 1700 Lincoln St., Ste. 3600, Denver CO 80203

Obj: 6300 lwr Douglas Cre Permit #: 09/12/1983 API: 43-047-3138000

Elev: 5069DF

Spud: 12/27/1983 Contr: TWT #59

TD: 6200 on 01/09/1984 Green River

PB: 6159

Elev: 5069DF FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1605	3464	L H	basal Green River	6131	-1062	L H
Douglas Creek	4872	197	L H				

Casing: 8 5/8 @ 310 w/220 - 5 1/2 @ 6200 w/600

Core : None

DST : None

Logs : DLL-MSFL SP-GR-Cal EPP-HGP-Sonic

Perfs : 5884-5890 (Green River)

w/4 SPF - bkdn w/1000 gal 5% KCl - swbd w/hvy tr oil - frac w/32,000 gal gel wtr 79,000# 20/40 sd - swbd

5440-5446 (Douglas Creek)

w/4 SPF - frac w/23,000 gal gel wtr 33,000# 20/40 sd

5339-5345 (Douglas Creek)

w/4 SPF - frac w/23,000 gal gel wtr 37,000# 20/40 sd

PZone : 5884-5890 (Green River)

IP : P 59 BOPD grav 34, GTSTM, 6 BWPD

Journal: 12/30/83 well spudded.

1/11/84 WOCT.

2/7/84 completing; details confidential.

2/14/84 perfed & frac'd Green River; POP.

2/28/84 further details confidential.

3/27/84 completed oil well.

State : Utah SL Merid 8S - 17E - 35 nw se

County: UINTAH Oper: ENSERCH EXPL CO INC

Field : EIGHT MILE FLAT NORTH Compl: 04/09/1984 D O OIL

Well: COUNTY LINE FEDERAL #2-35 Last Info: 06/27/1988

Ftg: 1980 fsl 1982 fel

Lat-Long by TDG: 40.072601 - 109.970810

Oper Address: 1700 Lincoln St., Ste. 3600, Denver CO 80203

Obj: 6100 lwr Douglas Cre Permit #: 10/28/1983 API: 43-047-3140300

Elev: 5040KB

Spud: 03/08/1984 Contr: TWT #59

TD: 6100 on 03/19/1984 Green River

PB: 5955

Elev: 5040KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	2638	2402	L H	's Lwr Douglas Cree	5522	-482	L H
upr Douglas Creek	4804	236	L H	bs Green River	6075	-1035	L H

Notes : (Dry hole spudded 3/5/84, resumed drlg on 3/8/84)

Casing: 8 5/8 @ 320 w/220 - 5 1/2 @ 6100 w/815

Core : None

DST : None

Logs : CDL-CNL-GR-Cal BHC-Acous-GR-Cal DLL-MLL-SP-GR-Cal Spectra

Tubing: 2 3/8 @ 5095

Perfs : 5034-5048 (Green River)

w/4 SPF - bkdn w/50 bbls 5% KCl wtr - rec 60 BW 1/2 BO w/gd gas flow -
frac w/65,000# 20/40 sd 38,500 gal gelled wtr

PZone : 5034-5048 (Green River)

IP : P 48 BOPD grav 35, GTSTM, 15 BWPD

Journl: 3/8/84 well spudded.

3/27/84 tight hole.

4/11/84 tight hole.

4/17/84 tight hole.

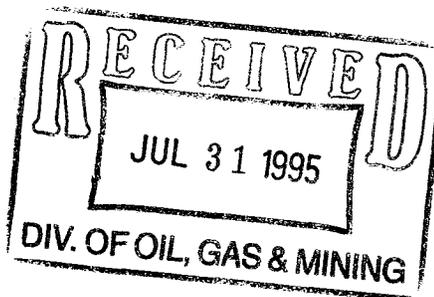
4/25/84 completed oil well.



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

July 27, 1995

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Mr. Ronald J. Firth
Associate Director

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Firth:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). The State of Utah has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

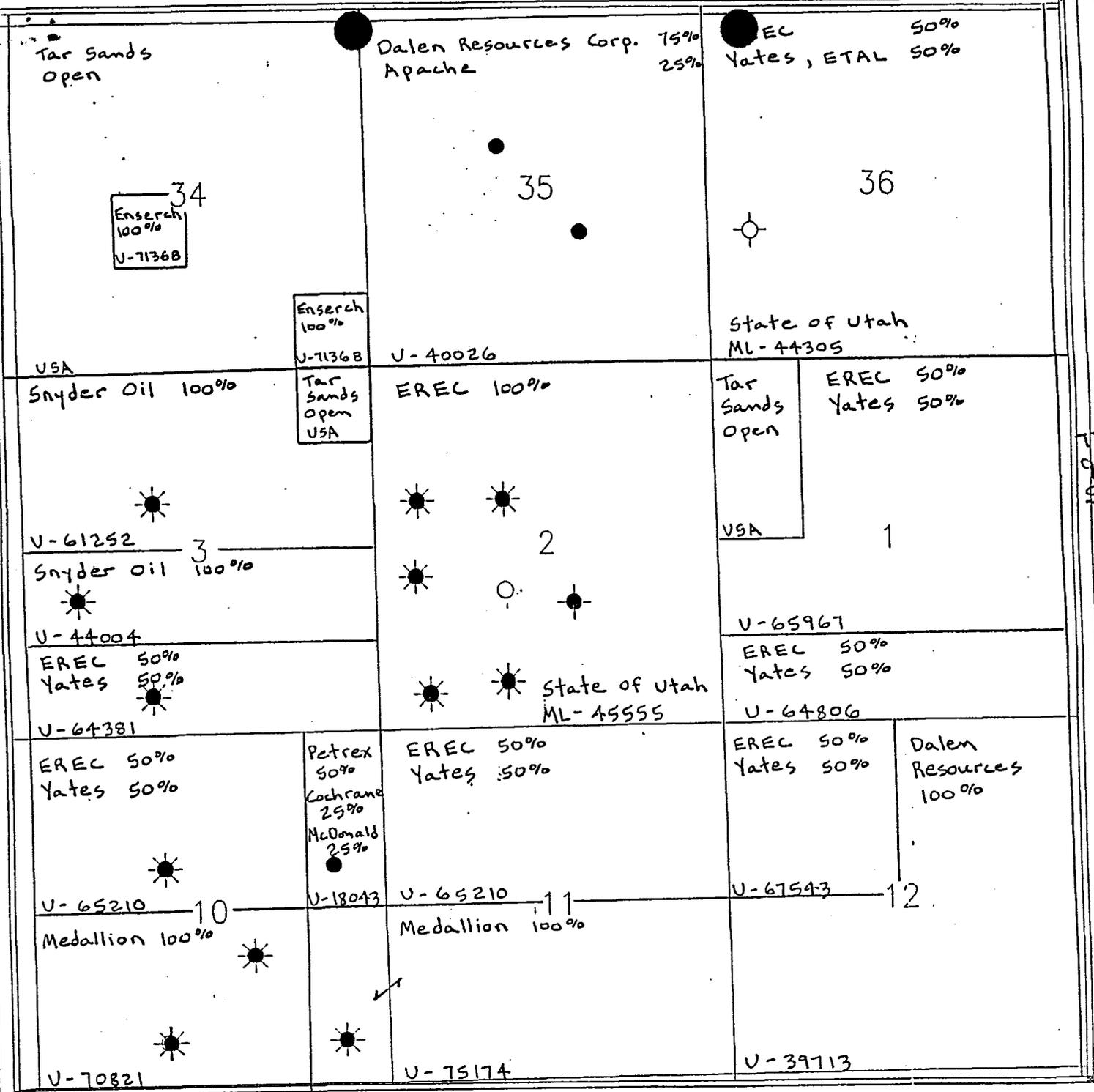
Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



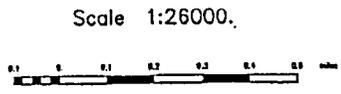
EREC BALCRON OIL DIVISION

Figure #3

Surface And Lease Ownership

Duchesne County, Utah

JOHN ZELLITTI	1/20/95
Scale 1:26000.	



Note: Sections 2 & 36 State of Utah
 Remaining Sections - BLM

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% CCI +
 1/4#/sk celloflake

276.3' KB

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

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

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

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

RETRIEVALBLE CASING PACKER @ 4820' KB

4881' - 4905'

5222' - 5242'

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5745' KB
 TD @ 5798' KB

- WASATCH FORMATION 6000 ft

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

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



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

WELL NAME: **BALCRON MONUMENT STATE #22-2**

FIELD: Monument Butte

FEDERAL LEASE NO.: STATE #ML-45555

LOCATION: SE NW Sec.2 T9S R17E

COUNTY/STATE: Uintah County, Utah

WORKING INTEREST: 1.0

PRODUCING FORMATION: Green River

COMPLETION DATE: 4/4/95

INITIAL PRODUCTION: 100.9 BO, 0 BW

OIL/GAS PURCHASER: Amoco

PRESENT PROD STATUS: PROD

ELEVATIONS - GROUND: 5047.26' GL

TOTAL DEPTH: 5798' KB

DATE : 7/19/95 vk

API NO.: 43-047-32610

NET REVENUE INTEREST: 0.875

OIL GRAVITY : 34 deg

SPUD DATE: 3/6/95

KB: 10'

PLUG BACK TD: 5744.69' KB

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% CCI +
1/4#/sk celloflake

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

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
NO. OF JOINTS: 154 jts (4846.01')
TUBING ANCHOR: trico 2.35' @ 4858.36'KB
NO. OF JOINTS: 13 jts (412.44')
SEATING NIPPLE: 1.1' @ 5271.9'KB
PERF. SUB: 4.2'
MUD ANCHOR: 1 jt - 28.03' w/ NC
STRING LENGTH: 5294.13'
SN at: 5271.90' KB

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

ACID JOB / BREAKDOWN JOB

3/21/95	Western	5222'-5227' & 5234'-5242' : 2520 gal 2% KCl wtr w/ 100 balls. balled off, ATR-4.2BPM, ATP-2500, ISIP-1550
3/23/95	Western	4881'-84' & 4896'-405' : 2142gal 2% KCl w/100 balls, balled off. ATP-3200, ATR-6.0bpm, ISIP-1200

SUCKER ROD RECORD

POLISHED ROD: 1-1/4" x 22'
SUCKER RODS: one - 3/4" x 8' Pony
209 - 3/4" x 25' D-61 Plain

TOTAL STRING LENGTH: 5249'

PUMP SIZE: BHP 2-1/2 x 1-1/2 x 16' RWAC
w/ PA plunger TRICO #1102
STROKE LENGTH: 88"
PUMP SPEED, SPM: 4.75 SPM
PUMPING UNIT SIZE: Bethlehem 320-212-86
PUMPING UNIT ENGINE: AJAX E-42

TANKS: two - 12' x 20' 400 bbl vertical
DRAIN TANK: 12' x 5' 100 bbls OPEN TOP
TREATER: 6'X20' HORZ 75# DF HCW

FRAC JOB

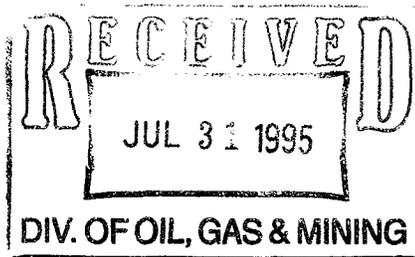
3/21/95	Western	5222'-27' & 5234'-42' : 2500gal 2% KCl pad, 18,942 gal 2% KCl w/ 25,820# 20/40 & 37,000# 16/30 sand, flush w/ 5166 gal 2% KCl wtr. ISIP-3000 ATP-2700, ATR-30.9bpm, 5min-1610, 10min-1470, 15min-1350, 30min-1320.
3/23/95	Western	4881'-84' & 4896'-4905' : 2310 gal 2% KCl pad, 18,732 gal 2% KCl w/ 56,840# 16/30 sand. ATP-2400, ATR-31.6bpm, ISIP-2450, 5min-1940, 10min-1590, 15min-1520, 30min-1390



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

July 28, 1995

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

Dear Mr. Jarvis:

Enclosed is the Affidavit of mailing notice regarding our Section 2 Waterflood to all operators, owners, and surface owners within a one-half mile radius.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure



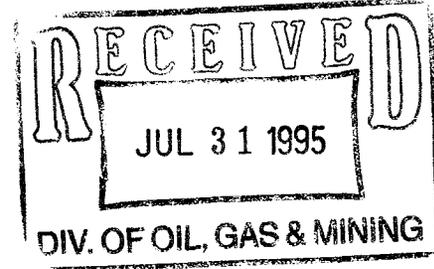
**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

AFFIDAVIT



COUNTY OF YELLOWSTONE)

STATE OF MONTANA)

D. Gary Kabeary, Senior Landman for Equitable Resources Energy Company, Balcron Oil Division, being first duly sworn on oath, deposes and says that on the 28th day of July 1995, he did cause to be mailed to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells listed below, a copy of the State Application for Injection Well (UIC Form 1).

Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Further affiant saith not.

D. Gary Kabeary

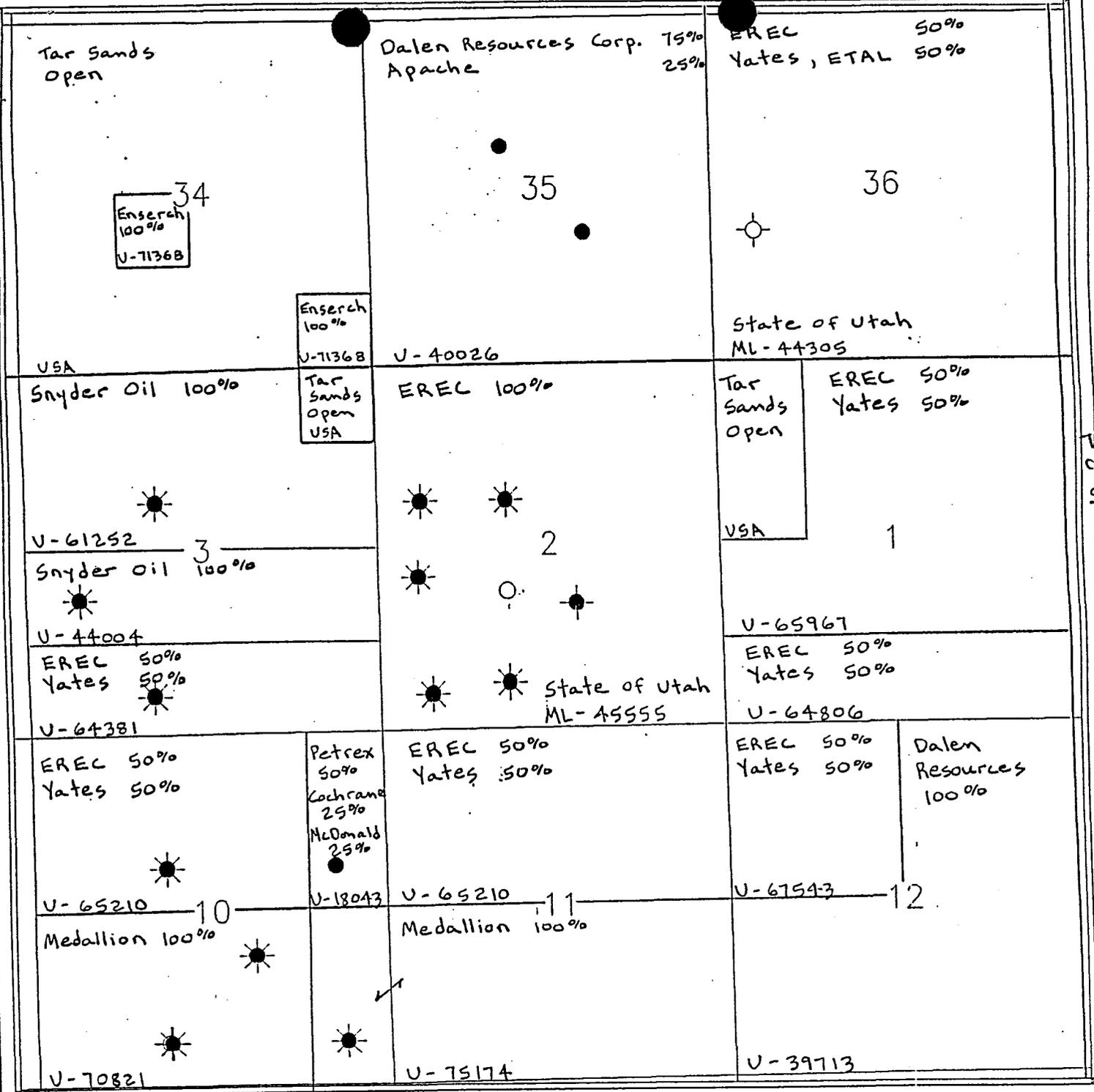
Subscribed and sworn to before me on this 28th day of July, 1995.

My Commission Expires:

April 21, 1999

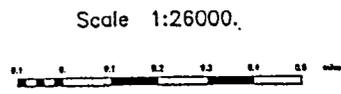
Loreen Morris
Residing in Billings, MT 59102

S E A L



EREC BALCRON OIL DIVISION
Figure #3
Surface And Lease Ownership
 Duchesne County, Utah

JOHN ZELLITTI		7/20/95
	Scale 1:26000.	



Note: Sections 2 & 36 State of Utah
 Remaining Sections - BLM



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
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FAX: (406) 245-1361

July 27, 1995

Bureau of Land Management
P.O. Box 45155
324 South State Street, Suite 301
Salt Lake City, UT 84145 - 0155

Attention: Mr. Robert A. Henricks
Chief, Bureau of Fluid Minerals

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Henricks:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). The Utah Bureau of Land Management has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

State of Utah
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attention: Mr. Ronald J. Firth
Associate Director

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Firth:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). The State of Utah has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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ENERGY COMPANY

BALCRON OIL DIVISION

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FAX: (406) 245-1365
FAX: (406) 245-1361

July 27, 1995

Apache Corporation
1700 Lincoln, Suite 3600
Denver, CO 80202-5346

Attention: Mike Fitzgerald
Land Department

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Fitzgerald:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Apache Corporation has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Medallion Production Company
7130 South Lewis Avenue, Suite 700
Tulsa, OK 74136

Attention: Mr. Paul Braun

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Braun:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Medallion Production Company has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Yates Petroleum Corporation
105 South 4th Street
Artesia, NM 88210

Attention: Ms. Kathy Porter
Director of Land

Re: Application for Injection Wells (UIC Form 1)

Dear Ms. Porter:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Yates Petroleum Corporation, etal has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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Billings, MT 59102

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FAX: (406) 245-1361

July 27, 1995

Enserch Exploration
6688 No. Central Expressway, Suite 1000
Dallas, TX 75206-3922

Attention: Mr. Jerry Anderson
District Landman

Re: Application for Injection Wells (UIC Form 1)

Dear mr. Anderson:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Enserch/ Dalen has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, CO 80202

Attention: Norma Amari
Land Department

Re: Application for Injection Wells (UIC Form 1)

Dear Ms. Amari :

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Snyder Oil Corporation has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

August 1, 1995

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

Dear Mr. Jarvis:

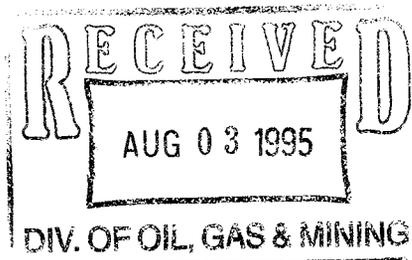
Enclosed are three additional letters which are covered by the Affidavit of mailing notice which was sent to you last week regarding our Section 2 Waterflood.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure





**EQUITABLE RESOURCES
ENERGY COMPANY**

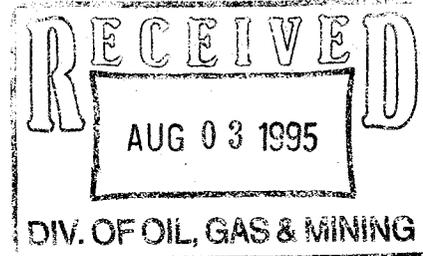
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

July 31, 1995

GHP/JH Limited Partnership
C/O GHP Corporation
5251 DTC Parkway, Suite #1200
Englewood, CO 80111



TO WHOM IT MAY CONCERN:

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

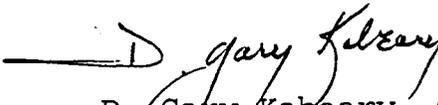
Gentlemen:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). You have an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary. (See Attachment #3)

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment #3

cc: Bobbie Schuman
Well files



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

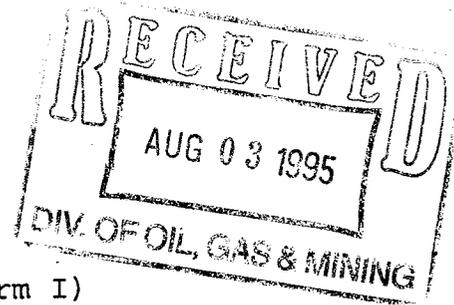
Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

July 31, 1995

State of Utah
Division of State Lands & Forestry
#3, Triad Center, Suite #400
Salt Lake City, Utah 84180-1204

Attention: Mr. Edward W. Bonner

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah



Dear Mr. Bonner:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells situated in Section 2, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Well files



**EQUITABLE RESOURCES
ENERGY COMPANY**

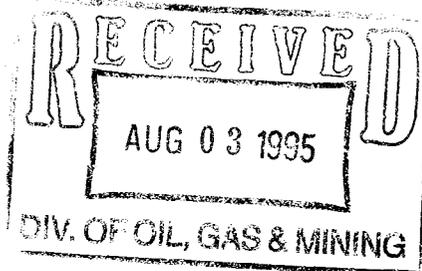
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

July 31, 1995

Fred W. Blackmun
8144 Walnut Hill Lane, #650
Dallas, TX 75231



Attention: Mr. Fred W. Blackmun

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. Blackmun

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). You have an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary. (See Attachment #3)

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment #3

cc: Bobbie Schuman
Well files

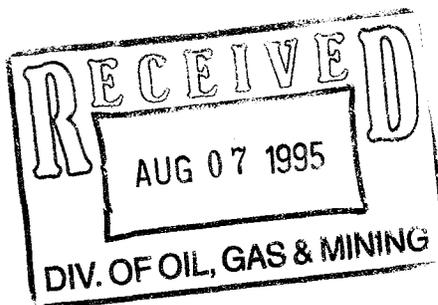


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 L.J.
FAX: (406) 245-1361 K.P.



August 3, 1995

Mr. Chuck Williams
Underground Injection Control 8WM-DW-UIC
U.S. Environmental Protection Agency
Region 8
999 - 18th Street, Suite 500
Denver, CO 80202-2466

Dear Mr. Williams:

As you requested, enclosed is a list of notifications sent to people about our Section 2 waterflood along with copies of the actual letters sent.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining (Dan Jarvis) ✓



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
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FAX: (406) 245-1361

July 28, 1995

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

Dear Mr. Jarvis:

Enclosed is the Affidavit of mailing notice regarding our Section 2 Waterflood to all operators, owners, and surface owners within a one-half mile radius.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure

**Proposed State Section-2 Waterflood
Contacting Of Lease Operators**

<u>Company</u>	<u>Contact Person</u>	<u>Title</u>
1) Bureau Of Land Managment	Robert Henricks	Chief, Bureau Of Fluid Minerals
2) State Of Utah Division Of State Lands & Forestry	Edward Bonner	Trust Lands Administrator
3) Apache Corporation	Mike Fitzgerald	Landman
4) Medallion Production Company	Paul Braun	Landman
5) Yates Petroleum Corporation	Kathy Porter	Director Of Land
6) Ensearch Exploration	Jerry Anderson	District Landman
7) Snyder Oil Corporation	Norma Amari	Landwomen
8) G.W.M. McDonald	Mike McDonald	Independent owner
9) F.W. Blackmun	Fred W. Blackmun	Independent owner
10) Cochrane Resources Inc.	Ken Allen	Independent owner
11) Petrex Corporation	Scott Hays	Consultant
12) GHP/JH Limited Partnership	To Whom It May Concern	

The above listed companies/operators/landowners have been notified of the State Section-2 Waterflood as per the request of the Utah OG&M.

Exhibit - A
 Area of Review Well List
 State Section-2 Waterflood

Well Name	Operator	Location
Wells In Project Area		
Balcron State #12-2	Balcron	SW NW Sec.2, T9S, R17E
Balcron State #13-2	Balcron	NW SW Sec.2, T9S, R17E
Balcron State #14-2	Balcron	SW SW Sec.2, T9S, R17E
Balcron State #22-2	Balcron	SE NW Sec.2, T9S, R17E
Balcron State #23-2 (WSW)	Balcron	NE SW Sec.2, T9S, R17E
Balcron State #24-2	Balcron	SE SW Sec.2, T9S, R17E
NGC #33-2H (P&A)	Natural Gas Corp.	NW SE Sec.2, T9S, R17E
Monument Butte Fed. #1-3	Ensearch Expl. Co.	NW SW Sec.3, T9S, R17E
Monument Butte Fed. #2-3	Ensearch Expl. Co.	SE NW Sec.3, T9S, R17E
Balcron Federal #24-3Y	Balcron	SE SW Sec.3, T9S, R17E
Balcron Federal #22-10Y	Balcron	SE NW Sec.10, T9S, R17E
Duncan Federal #1-10	Cotton Petroleum	SE NE Sec.10, T9S, R17E

Wells Outside Project Area And Inside Area Of Review

Balcron Federal #44-4Y	Balcron	SE SE Sec.4, T9S, R17E
Castle Draw #2-J-10	Union Oil of Ca.	NW SE Sec.10, T9S, R17E

Wells Outside Area Of Review With Data Provided For Additional Information.

County Line Fedral #1-35	Ensearch Expl. Co.	SE NW Sec.35, T8S, R17E
County Line Fedral #2-35	Ensearch Expl. Co.	NW SE Sec.35, T8S, R17E
State #1 (P&A)	Sun Oil Co.	NW SW Sec.36, T8S, R17E
Castle Draw #3N10 & #3N10X	Union Oil of Ca.	SE SW Sec.10, T9S, R17E
Castle Draw #1	Union Oil of Ca.	SE SE Sec.10, T9S, R17E

Note: It is proposed to initially convert the Balcron State #14-2 and #22-2 to water injection. The Balcron State #23-2 was dry holed in the Green River Formation, plugged back and perforated for a water supply well.



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

AFFIDAVIT

COUNTY OF YELLOWSTONE)
STATE OF MONTANA)

D. Gary Kabeary, Senior Landman for Equitable Resources Energy Company, Balcron Oil Division, being first duly sworn on oath, deposes and says that on the 28th day of July 1995, he did cause to be mailed to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells listed below, a copy of the State Application for Injection Well (UIC Form 1).

Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Further affiant saith not.

D. Gary Kabeary
D. Gary Kabeary

Subscribed and sworn to before me on this 28th day of July, 1995.

My Commission Expires:
April 21, 1999

Loreen F. Morris
Loreen Morris
Residing in Billings, MT 59102

S E A L

APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well name and number: Balcron Monument State #22-2

Field or Unit name: Undesignated Field Lease no. ML-45555

Well location: QQ SE SW section 2 township 9S range 17E county Uintah

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

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

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

If this application is for an existing well,
has a casing test been performed on the well? Yes No

Date of test: _____
API number: 43-047-32610

Proposed injection interval: from 4,881' to 5,242'

Proposed maximum injection: rate 300 STB/WD pressure 2600 psig

Proposed injection zone contains oil, gas, and/or fresh water within 1/2 mile of the well.

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

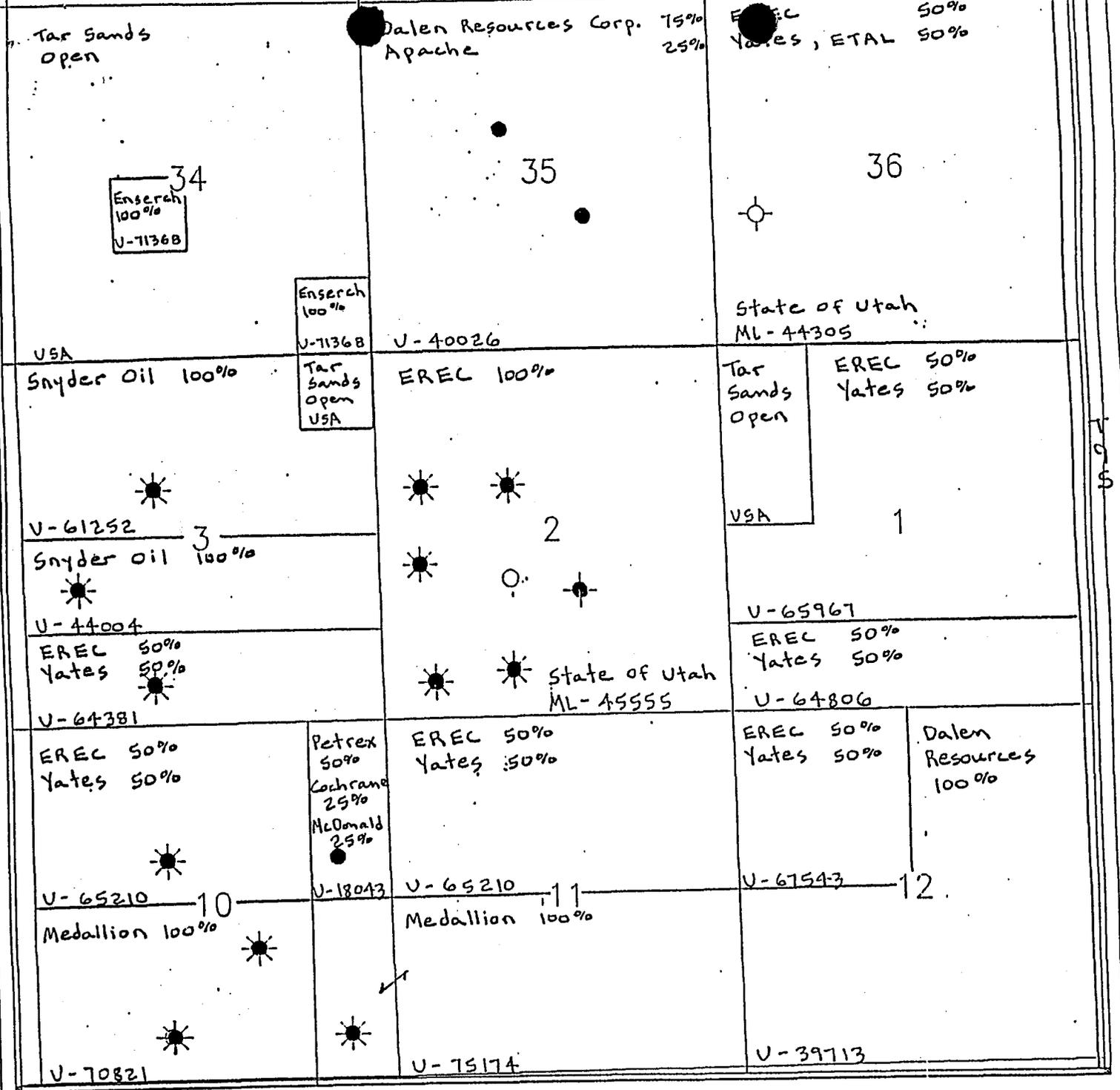
List of Attachments: EPA UIC Form 4 with attachments

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

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory & Environmental Specialist Date July 26, 1995
Phone No. (406) 259-7860

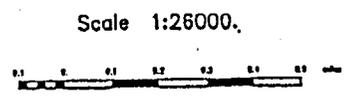
(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



EREC BALCRON OIL DIVISION
Figure #3
 Surface And Lease Ownership
 Duchesne County, Utah

JOHN ZELLIOTT
 Scale 1:26000
 7/20/95



Note: Sections 2 & 36 State of Utah
 Remaining Sections - BLM



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

July 27, 1995

Bureau of Land Management
P.O. Box 45155
324 South State Street, Suite 301
Salt Lake City, UT 84145 - 0155

Attention: Mr. Robert A. Henricks
Chief, Bureau of Fluid Minerals

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Henricks:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). The Utah Bureau of Land Management has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Apache Corporation
1700 Lincoln, Suite 3600
Denver, CO 80202-5346

Attention: Mike Fitzgerald
Land Department

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Fitzgerald:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Apache Corporation has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Medallion Production Company
7130 South Lewis Avenue, Suite 700
Tulsa, OK 74136

Attention: Mr. Paul Braun

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Braun:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Medallion Production Company has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Yates Petroleum Corporation
105 South 4th Street
Artesia, NM 88210

Attention: Ms. Kathy Porter
Director of Land

Re: Application for Injection Wells (UIC Form 1)

Dear Ms. Porter:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Yates Petroleum Corporation, et al has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Enserch Exploration
6688 No. Central Expressway, Suite 1000
Dallas, TX 75206-3922

Attention: Mr. Jerry Anderson
District Landman

Re: Application for Injection Wells (UIC Form 1)

Dear Mr. Anderson:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Enserch/ Dalen has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 27, 1995

Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, CO 80202

Attention: Norma Amari
Land Department

Re: Application for Injection Wells (UIC Form 1)

Dear Ms. Amari :

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Snyder Oil Corporation has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the Balcron Monument State #14-2 and the Balcron Monument State #22-2 wells as injection wells within the confines of the proposed Section 2 Waterflood.

Please contact the undersigned if you have any comments or questions about the notification.

Sincerely,

D. Gary Kabearny, CPL/ESA
Senior Landman

Attachment (See figure 3)

cc: Bobbie Schuman
Proposed Section 2 Waterflood
Well file



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

July 31 1995

Petrex Corporation
165 South West Temple, Suite 300
Salt Lake City, UT 84101

Attn: D. Scott Hays

RE: Application for Injection Well (UIC Form 1)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. Hays:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form 1). Petrex Corporation has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells within the proposed Section 2 waterflood boundary. (See Attachment 3).

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Well files



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

July 31, 1995

G. W. Mike McDonald
528 Fair Foundation Building
Tyler, TX 75702

Attn: G. W. Mike McDonald

RE: Application for Injection Well (UIC Form 1)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. McDonald

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form 1). You have an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned well as injection wells within the proposed Section 2 waterflood boundary. (See Attachment 3).

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Well files



**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

July 31, 1995

Cochrane Resources Inc.
P.O. Box 1656
Roosevelt, Utah 84066

Attn: Mr. Ken Allen

RE: Application for Injection Well (UIC Form 1)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. Allen

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form 1). Cochrane Resources Inc has an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells within the proposed Section 2 waterflood boundary. (See Attachment 3).

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bubo Schuman
Well files



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

August 1, 1995

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

Dear Mr. Jarvis:

Enclosed are three additional letters which are covered by the Affidavit of mailing notice which was sent to you last week regarding our Section 2 Waterflood.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosure



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

July 31, 1995

GHP/JH Limited Partnership
C/O GHP Corporation
5251 DTC Parkway, Suite #1200
Englewood, CO 80111

TO WHOM IT MAY CONCERN:

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

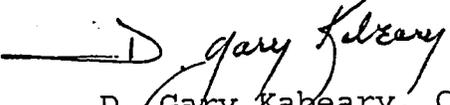
Gentlemen:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). You have an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary. (See Attachment #3)

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabearny, CPL/ESA
Senior Landman

Attachment #3

cc: Bobbie Schuman
Well files



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

July 31, 1995

State of Utah
Division of State Lands & Forestry
#3, Triad Center, Suite #400
Salt Lake City, Utah 84180-1204

Attention: Mr. Edward W. Bonner

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. Bonner:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells situated in Section 2, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Well files



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

July 31, 1995

Fred W. Blackmun
8144 Walnut Hill Lane, #650
Dallas, TX 75231

Attention: Mr. Fred W. Blackmun

RE: Application for Injection Well (UIC Form I)
Balcron Monument State #14-2 SWSW of 2, T9S-R17E
Duchesne County, Utah
Balcron Monument State #22-2 SENW of 2, T9S-R17E
Uintah County, Utah

Dear Mr. Blackmun

Equitable Resources Energy Company, Balcron Oil Division, as operator of the wells located within the proposed Section 2 waterflood, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). You have an interest in the leases indicated on the figure 3 plat that is attached to this letter. This letter will serve as notification of our intentions to use the captioned wells as injection wells. Both of these proposed injection wells fall within the proposed Section 2 waterflood boundary. (See Attachment #3)

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

Attachment #3

cc: Bobbie Schuman
Well files

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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	
OF EQUITABLE RESOURCES ENERGY	:	NOTICE OF AGENCY ACTION
COMPANY FOR ADMINISTRATIVE	:	
APPROVAL OF THE MONUMENT	:	CAUSE NO. UIC-163
STATE 22-2 AND 14-2 WELLS LOCATED	:	
IN SECTION 2, TOWNSHIP 9 SOUTH,	:	
RANGE 17 EAST, S.L.M., DUCHESNE	:	
AND Uintah COUNTY, UTAH, AS	:	
CLASS II INJECTION WELLS	:	

---ooOoo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the Monument State 22-2 and 14-2 wells, located in Section 2, Township 9 South, Range 17 East, Duchesne and Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4756 feet to 5242 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 2560 psig with a maximum rate of 300 BWPd.

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

DATED this 9th day of August, 1995.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director

**Equitable Resources Energy Company
Monument State #22-2 and #14-2 Wells
Cause No. UIC-163**

Publication Notices were sent to the following:

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

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Jim Cooper
School and Institutional Trust Lands Administration
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

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

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



Lisa D. Clement
Administrative Secretary
August 9, 1995



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)

August 9, 1995

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

Re: Notice of Agency Action - Cause No. UIC-163

Gentlemen:

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

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





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)

August 9, 1995

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-163

Gentlemen:

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

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



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

Newspaper Agency Corporation
The Salt Lake Tribune  **DESERET NEWS**

CUSTOMER'S
COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	08/17/95

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL8E8201101
SCHEDULE	
START 08/17/95 END 08/17/95	
CUST. REF. NO.	
UIC-163	
CAPTION	
NOTICE OF AGENCY ACTION CAUSE N	
SIZE	
73 LINES 1.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	119.72
TOTAL COST	
119.72	

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-163
BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLI-
CATION OF EQUITABLE RESOURCES
ENERGY COMPANY FOR ADMIN-
ISTRATIVE APPROVAL OF THE
MONUMENT STATE 22-2 AND 44-
2 WELLS LOCATED IN SECTION 9
TOWNSHIP 9 SOUTH, RANGE
EAST, S.L.M., DISTRICT 10,
UINTAH COUNTY, UTAH, AS
II INJECTION WELLS.

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

Notice is hereby given that
the Division is commencing an
informal adjudicative proceed-
ing to consider the application
of Equitable Resource Energy
Company for administrative
approval of the Monument
State 22-2 and 44-2 Wells, locat-
ed in Section 2, Township 9
South, Range 47 East, Du-
chesne and Uintah County,
Utah, for conversion to Class II
injection well. The proceeding
will be conducted in accor-
dance with Utah Admin. R.649-
10, Administrative Procedures.

The interval from 4756 feet
to 5242 feet (Green River For-
mation) will be selectively per-
forated for water injection. The
maximum requested injection
pressure will be limited to 2560
psig with a maximum rate of
300 BWPD.

Any person desiring to object
to the application or otherwise
intervene in the proceeding,
must file a written protest or no-
tice of intervention with the Divi-
sion within fifteen days follow-
ing publication of this notice. If
such a protest or notice of inter-
vention is received, a hearing
will be scheduled before the
Board of Oil, Gas and Mining.
Protestants and/or intervenors
should be prepared to demon-
strate at the hearing how this
matter affects their interests.

DATED this 9th day of August
1995.

STATE OF UTAH
DIVISION OF OIL, GAS AND
MINING
/s/ R.J. Firth
Associate Director
8E820110

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

PUBLISHED ON START 08/17/95 END 08/17/95

SIGNATURE *R. J. Firth*

DATE 08/17/95

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

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
DECISION DOCUMENT

Applicant: Equitable Resources Energy

Location: Section 2 waterflood Unit *add Draw*

Wells: State 22-2 and State 14-2

Ownership Issues: The proposed wells are located in section 2, township 9 south, range 17 east, Duchesne and Uintah County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. Both wells are located on State of Utah land. Mineral interests are held by the State of Utah, and the federal government. Equitable Resources Energy Co. has submitted an affidavit stating that a copy of UIC form 1 was sent to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The two wells proposed for conversion to injection have surface casing set at approximately 300 feet \pm 30 feet, and were cemented to surface. Production casing was set at a depth of approximately 5800 feet, and was cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4756 feet-5242 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 4 producing wells and 1 plugged and abandoned well in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing and cement to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet in the Uinta Formation. Water quality in the zone of injection is greater than 10,000 mg/l and does not constitute a usdw. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .9682 psi/ft resulting in a maximum allowed surface pressure of 2600 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Equitable is the operator of all the wells in the newly proposed unit. Maps and exhibits were submitted by Equitable to support the approval of the waterflood project. Review of this information indicates that production outside the unit area should not be adversely effected.

Bonding: Balcron is the operator of all wells within the project and is bonded by a state wide bond.

Actions Taken and Further Approvals Needed: These applications are for wells in a new waterflood unit, Board approval of the project is needed. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing/tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ & BGH
Reviewers

08-22-95
Date

Published
Uint. Bas. St. 8/22
Tribune 8/17

Approval to Convert
Issued 9/12

AFFIDAVIT OF PUBLICATION

NOTICE OF AGENCY ACTION

County of Duchesne,
STATE OF UTAH

CAUSE NO. UIC-163
IN THE MATTER OF
THE APPLICATION OF
EQUITABLE RE-
SOURCE ENERGY
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE
MONUMENT STATE 22-
2 AND 14-2 WELLS LO-
CATED IN SECTION 2,
TOWNSHIP 9 SOUTH,
RANGE 17 EAST, S.L.M.,
DUCHESNE AND
UINTAH COUNTY,
UTAH, AS CLASS II IN-
JECTION WELLS

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

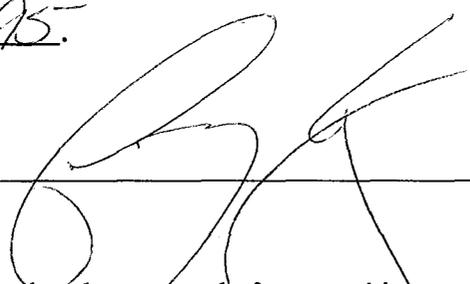
THE STATE OF UTAH
TO ALL PERSONS IN-
TERESTED IN THE
ABOVE ENTITLED
MATTER.

DATED this 9th day of August, 1995
STATE OF UTAH DI-
VISION OF OIL, GAS
AND MINING
R.J. Firth, Associate Di-
rector
Published in the Uintah
Basin Standard August 22,
1995

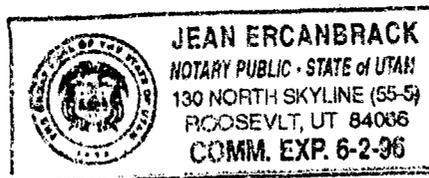
NOTICE is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the Monument State 22-2 and 14-2 wells, located in Section 2, Township 9 South, Range 17 East, Duchesne and Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 4756 feet to 5242 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 2560 psig with a maximum rate of 300 BWPD.

I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at
Roosevelt, State and County aforesaid, and that a certain
notice, a true copy of which is hereto attached, was
published in the full issue of such newspaper
for 1 consecutive issues, and that the first
publication was on the 22 day of Aug,
1995, and that the last publication of such notice was
in the issue of such newspaper dated the 22 day
of Aug, 1995.


Subscribed and sworn to before me this
31 day of Aug, 1995
Jean Ercanbrack

Notary Public





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

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

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

September 12, 1995

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Re: Monument State 22-2 and 14-2 Wells, Section 2, Township 9 South, Range 17 East, Duchesne and Uintah County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

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

A final Underground Injection Control Permit will be issued by the Division upon receipt by Equitable of approval from the Board of Oil, Gas and Mining for the proposed Section 2 Waterflood Project, Docket No. 95-019, Cause No. 228-3. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Tom Pike, Environmental Protection Agency
Bureau of Land Management, Vernal





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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

UNDERGROUND INJECTION CONTROL PERMIT

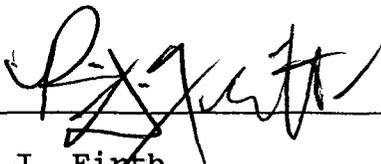
Cause No. UIC-163

Operator: Equitable Resources Energy Company
Wells: Monument State 22-2 and Monument State 14-2
Location: Section 2, Township 9 South, Range 17 East,
Duchesne and Uintah County
API No.: 43-047-32610 and 43-013-31425
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to injection well issued on September 12, 1995.
2. Maximum Allowable Injection Pressure: 2560 psig.
3. Maximum Allowable Injection Rate: 300 bwpd.
4. Injection Interval: 4,756 feet to 5242 feet (Green River Formation)

Approved by:



R.J. Firth
Associate Director, Oil and Gas

1/15/96

Date



State : Utah SL Merid 9S - 17E - 3 sw se sw

County: DUCHESNE Oper: EQUITABLE RES ENERGY CO

Field : MONUMENT BUTTE Compl: 09/01/1993 D O OIL

Well: BALCRON FEDERAL #24-3Y Last Info: 05/09/1995

Ftg: 562 fsl 1887 fwl

Lat-Long by TDG: 40.054138 - 109.994659

Obj: 5950 Green River Permit #: 06/21/1993 API: 43-013-3139700
Elev: 5009GR

Spud: 07/10/1993 Contr: Union Rig #: 17
TD: 5900 on 07/22/1993 PB: 5837

Elev: 5009GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1411	3598	L H	Green mkr	4952	57	L H
2nd Garden Gulch	3797	1212	L H	Carbonate mkr	5411	-402	L H
Yellow mkr	4410	599	L H	B1 Sand	5442	-433	L H
Douglas Creek	4577	432	L H	Stray ss	5481	-472	L H
R5 Sand	4766	243	L H	B2 Sand	5504	-495	L H
2nd Douglas Creek	4815	194	L H	Uteland carb mkr	5817	-808	L H

DDC : 14SW Myton (miles from the nearest city)

Casing: 8 5/8 @ 259 w/420
5 1/2 @ 5883 w/620

Core : None
DST : None rptd

Logs : Schlumberger DIL SFL LDT CNL.

TopCom: Geologist: Durwood Johnson.

Tubing: 2 7/8 @ 5579

Perfs : 5442-5512 (Green River)
@ 5442-5468, 5506-5512 18 holes total - frac w/29000# 20/40 sd 15500#
16/30 sd 448 bbl gel wtr
4767-5097 (Green River)
@ 4767-4775, 5092-5097 15 holes total - frac w/19000# 16/30 sd 285 bbl
gel wtr

PZone : 4767-5512 (Green River)
gross interval

IP : (Green River 4767-5512) P 60 BOPD grav 34.0; 15 MCFGPD; no wtr

LocCom: 7/8/93 building location.

Journl: 7/21/93 spudded, details confidential.

7/27/93 drld, details confidential.

8/2/93 completing, details confidential.

8/12/93 completing, details confidential.

8/23/93 completed, details confidential.

8/31/93 completed oil well, further details confidential.

9/17/93 completed oil well; tstd 60 BOPD 15 MCFGPD 34 BWPD.

2/14/94 completed oil well, details remain confidential.

4/25/94 completed oil well, details remain confidential.

5/21/94 completed oil well, remaining details confidential until Sept,

Dwights Discover CD-ROM
Copyright 1995 Rockies

ID: R-172807-0 Original
Run Date: 18-Jul-95

56

=====
State : Utah SL Merid 9S - 17E - 3 sw se sw

County: DUCHESNE Oper: EQUITABLE RES ENERGY CO

Field : MONUMENT BUTTE Compl: 09/01/1993 D O OIL
=====
Continued

Journal: 1994.
5/9/95 completed oil well, details added.

State : Utah SL Merid 9S - 17E - 10 c se nw

County: DUCHESNE Oper: EQUITABLE RES ENERGY CO

Field : MONUMENT BUTTE Compl: 09/26/1993 D O OIL

Well: BALCRON FEDERAL #22-10Y Last Info: 04/19/1995

Ftg: 1980 fnl 1980 fwl

Lat-Long by TDG: 40.047180 - 109.994339

Obj: 5850 Green River Permit #: 06/21/1993 API: 43-013-3139500
Elev: 5131KB

Spud: 07/25/1993 Contr: Union Rig #: 14

TD: 5824 on 07/31/1993

Elev: 5131KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS
M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1346	3785	L H	Green mkr	4876	255	L H
2nd Garden Gulch	3726	1405	L H	G5 Sand	5012	119	L H
Yellow mkr	4337	794	L H	Carbonate mkr	5325	-194	L H
Douglas Creek	4502	629	L H	B1 Sand	5356	-225	L H
R5 Sand	4682	449	L H	B2 Sand	5407	-276	L H
2nd Douglas Creek	4737	394	L H	Uteland carb	5740	-609	L H

DDC : 14SW Myton (miles from the nearest city)

Casing: 8 5/8 @ 255 w/150

5 1/2 @ 5820 w/412

Mud : 8.3# @ 203

8.4# @ 254

8.3# @ 1412

8.4# @ 2746

8.5# @ 3797

8.6# @ 5348

Core : None

DST : None

Shows : 1350-1450 (Green River)

Dol, scat dull yel-gold fluor, slo fnt cldy cut

1500-1600 (Green River)

Dol, fluor & cut a.a.; Ls, dull yel fluor, slo fnt lt yel cut

1600-1700 (Green River)

Dol, brt gold fluor w/scat lt yle fluor, slo fr strmg wh yel cut

1700-1800 (Green River)

Dol, abd brt gold fluor, slo fnt cldy cut, 2% brt lt yel fluor, fr lt yel strmg cut

1800-1950 (Green River)

Dol, brt gold fluor, tr fnt lt yel cut

1950-2050 (Green River)

Marl, dull gold fluor, occ slo lt yel cut

2050-2100 (Green River)

Marl, dull gold fluor, occ fr lt yel cut

2150-2200 (Green River)

Dol, tr dull yel fluor, slo fnt lt yel cut

State : Utah SL Merid 9S - 17E - 10 c se nw

County: DUCHESNE Oper: EQUITABLE RES ENERGY CO

Field : MONUMENT BUTTE Compl: 09/26/1993 D O OIL

=====
Continued
=====
Shows : 2200-2300 (Green River)
Dol, dull gold fluor, occ slo wk lt yel cut
2350-2400 (Green River)
Marl, fr lt yel cut
2550-2600 (Green River)
Dol, spty brn oil stn, lt yel-yel fluor w/grn cast, rapid brt wh yel
cut
2650-5750 (Green River)
Sh, scat dull yel fluor, slo lt yel cut
2900-2950 (Green River)
Ls, abd gold fluor, some scat lt yel fluor, slo lt yel cut
3050-3100 (Green River)
Dol, tr dull yel fluor, slo lt yel cut
3100-3150 (Green River)
Marl, yel-dull yel fluor, abd gold fluor, fr lt yel cut
3150-3200 (Green River)
Dol, a.a., decr fluor
3200-3300 (Green River)
Ls, scat dull gold fluor, tr yel fluor, slo-fr lt yel cut
3300-3350 (Green River)
Ls, abd gold fluor-fr lt yel cut
3550-3650 (Green River)
Ls, tr spty brn stn, abd dull gold fluor, tr lt yel fluor, slo fr lt
yel cut
3730-3760 (2nd Garden Gulch)
Ls, questionable stn, abd gold fluor, scat yel fluor, inst brt cldy
strmg lt yel cut
3820-3850 (2nd Garden Gulch)
Ss, tn stn, dull yel fluor w/grn cast, inst strmg wh yel cut
3850-3880 (2nd Garden Gulch)
Ls, scat dull yel fluor, slo lt yel cut
3970-4000 (2nd Garden Gulch)
Ls, scat yel & gold fluor, slo fr strmg lt yel cut
4000-4030 (2nd Garden Gulch)
Ss, lt tn stn, v dull grn yel fluor, inst flashing brt wh yel cut
4110-4130 (2nd Garden Gulch)
Ls, no-v dull yel fluor, fr lt yel strmg cut
4180-4200 (2nd Garden Gulch)
Ls, scat dull gold & yel fluor, fr lt yel strmg cut
4200-4260 (2nd Garden Gulch)
Sltst, few clus w/spty-ev tn-dk brn stn, abd dull yel & gold fluor, gd
brt lt ybrt lt yel strmg cut
4260-4290 (2nd Garden Gulch)
Ss, no stn, fnt grn fluor, v slo fnt lt yel cut

4340-4370 (Yellow mkr)
Ss, scat dull yel & gold fluor, occ fr lt yel cut

State : Utah SL Merid 9S - 17E - 10 c se nw

County: DUCHESNE Oper: EQUITABLE RES ENERGY CO

Field : MONUMENT BUTTE Compl: 09/26/1993 D O OIL

Continued

Shows : 4370-4400 (Yellow mkr)
Ss, occ slo fnt cut

4400-4430 (Yellow mkr)
Ss, tr questionalbe tn stn, tr dull yel fluor, occ slo fnt lt yel cut

4430-4450 (Yellow mkr)
Ss, 2% lt brn stn, dull yel fluor w/grn cast, fr rapid wh yel cut

5440-5470 (B2 Sand)
Ss, few clus w/stn, brt grn yel fluor, inst strng wh yel cut

5540-5560 (B2 Sand)
Ss, occ stn, brt wh-yel fluor w/grn cast, inst flashing wh yel cut

5560-5590 (B2 Sand)
Ss, lt yel-yel fluor w/grn cast, gd cut

Logs : Schlumberger DLL SFL @ 255-5821, CNL GR CAL LDT @ 3600-5821.

TopCom: Geologist: Durwood Johnson.

Perfs : 4689-5431 (Green River)

PZone : 4689-5431 (Green River)

IP : (4689-5431) 87 BOPD grav 34.0; 25 MCFGPD

Journl: 8/4/93 drld, further details confidential.

8/12/93 completing.

8/17/93 completing.

8/23/93 completing.

8/31/93 completed oil well, further details confidential.

10/12/93 completed oil well; tstd 8/20/93 ARO 87 BOPD 25 MCFGPD,
further details confidential.

2/14/94 completed oil well, details remain confidential.

4/25/94 completed oil well, details remain confidential.

5/21/94 completed oil well, remaining details confidential until Sept,
1994.

11/7/94 completed oil well, details added.

Exhibit - C
Proposed Water Injection Wells
Injection Zone Perforation Intervals
Jonah Unit Waterflood

Two oil production wells are proposed for conversion to water injection.

<u>Well name</u>	<u>Injection Zone Perforations.</u>
Balcron State #14-2	4756'- 4758', 4760'- 4762', 4771'- 4781' 5073'-5080'
Balcron State #22-2	4881'- 4884', 4896'- 4905' 5222'- 5227', 5234'- 5242'

Exhibit-D

Produced Water Quality Analysis

WATER ANALYSIS REPORT

Company: BALCRON
Address:
Field/Lease: MONUMENT STATE

Project #: 941018.1

Report For: JOHN ZELLITTI

Date Sampled: 7-21-95

cc.

Date Received: 7-21-95

cc.

cc.

Date Reported: 7-21-95

Service Engineer: BARRY CULPEPPER

Produced Water State # 12-2

Chemical Component	12-2
Chloride (mg/l)	7400
Sulfate (mg/l)	188
Carbonate (mg/l)	156
Bicarbonate (mg/l)	1078
Calcium (mg/l)	16
Magnesium (mg/l)	5
Iron (mg/l)	1
Barium (mg/l)	n/d
Strontium (mg/l)	n/d
Sodium (mg/l)	5387
pH	8.7
Ionic Strength	0.24
Specific Gravity	1.005
SI@20C (68F)	0.69
SI@25C (77F)	0.82
SI@30C (86F)	0.93
SI@40C (104F)	1.19
SI@50C (122F)	1.34
SI@60C (140F)	1.68
SI@70C (158F)	1.84
SI@80C (176F)	2.17
SI@90C (194F)	2.44
TDS (mg/l)	14231
Temperature (F)	
Dissolved CO2 (ppm)	0
Dissolved H2S (ppm)	n/d
Dissolved O2 (ppm)	n/d

Analyst: T. Mayer



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

PROPOSED INJECTION WELL COMPLETION DIAGRAM

DATE: 7/25/95 vk

SURFACE CASING

SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 261.25' (6 jls)
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

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

PRODUCTION CASING

SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5779.79' (138 jls)
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

- UINTA FORMATION SURFACE to 1500'

- GREEN RIVER FORMATION 1500' - 5500'

- DOUGLAS CREEK MEMBER 4650' - 5500'

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
SEAT NIPPLE: 2-7/8" X 1.10'
SEAT NIPPLE LANDED @ 4817' KB
RETRIEVABLE CSG PACKER
MODEL: Arrow Set-1
PACKER LANDED @ 4821' KB

RETRIEVALBLE CASING PACKER @ 4821' KB

4881' - 4905"

5222' - 5242"

- WASATCH FORMATION TRANSITION 5500' - 6000'

PBTD @ 5745' KB

TD @ 5798' KB

- WASATCH FORMATION 6000 ft



Exhibit - E
Section 2 Waterflood
Fracture Pressure Data

Well Name	Average Rate (BPM)	Average Pressure (PSIG)	Initial Shut In Pressure (PSIG)	Average Depth (FEET)	Fracture Gradient (PSIG/FT)
Balcron State #12-2	31.8	2800	2480	4930	0.9414026
	31.6	2350	2300	5286	0.8734716
Balcron State #13-2	31.5	2350	2300	4181	0.9884676
	30.4	2400	2300	4864	0.9112218
Balcron State #14-2	29.9	2400	2550	4768	0.9731754
	30	3400	2900	5077	1.0095635
Balcron State #22-2	31.6	2400	2450	4893	0.9390753
	30.9	2700	3000	5232	1.0117545
Balcron State #24-2	29.8	2250	2500	4096	1.0487116
	30	3270	2800	5120	0.985235

Note: Fracture Gradient = (ISIP + 0.43836 psig/ft * Depth) / Depth
The hydrostatic head is calculated using 2% KCl water which was used as the displacing fluid after the frac.

Average Fracture Gradient = 0.9682 psig/ft.

Exhibit-F

Recommendation Of Packer Fluid



2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

65
Telephone (801) 789-4327

John Zellitti
Balcron Oil Co.
P.O. Box 21017
Billings, Montana 59104

Ref. Packer Fluid for Monument Buttes Field

Dear Mr. Zellitti:

Champion Technologies, Inc., would like to recommend that you use Cortron R-2353 as a packer fluid in your Monument Buttes field. Its recommended treatment levels are from 0.5% to 2%. It is appropriate for either fresh water or brines. Cortron R-2353 contains two corrosion inhibitors: (1) a derivatized hexyl amine and (2) a quaternary ammonium compound. A catalyzed amine bisulfite oxygen scavenger is also included in R-2353. Sufficient methanol has been added to give the product a pour point of -40 degrees F.

If you have any questions, please get back with Mike Angus or me at our Vernal office: 789-4327.

Sincerely,

A handwritten signature in cursive script that reads "J. W. Richards".

Joseph W. Richards
Tech. Services Mgr.

cc. Dale Griffin

7/20/92

MATERIAL SAFETY DATA SHEET

TIME 17.02.15

***** SECTION I - PRODUCT CODE 10977

***** 66 *****

CHAMPION TECHNOLOGIES, INC.
3130 FM 521 FRESNO, TEXAS 77545
PO BOX 450499 HOUSTON, TEXAS 77245

EMERGENCY TELEPHONE NO.
713/431-2561 1/800/424-9300

PRODUCT NAME: CORTRON R-2383
CHEMICAL FAMILY: Quaternary Amines

FORMULA: Proprietary

***** SECTION II - HAZARDOUS INGREDIENTS *****

MATERIALS	%	TLV UNITS	MATERIALS	%	TLV UNITS
# Methanol (67-56-1)	25	200ppm	# Ammonium Bisulfite	5	ND
Isopropanol (67-63-0)	5	400ppm			

RQ=20,000 lbs

RQ=2,420 gals

RECEIVED
JUL 24 1992

***** SECTION III - PHYSICAL DATA *****

BOILING POINT	ND	SPECIFIC GRAVITY	0.993
VAPOR PRESSURE	ND	% VOLATILE BY VOLUME	ND
VAPOR DENSITY	ND	EVAPORATION RATE	ND
pH	7.7	Viscosity	17 cps

SOLUBILITY IN WATER: Soluble CARCINOGEN: NO
APPEARANCE AND ODOR: Dark brown liquid with alcohol odor

***** SECTION IV - FIRE AND EXPLOSION HAZARD DATA *****

FLASH POINT 74 F (PMCC)	FLAMMABLE LIMITS --	LEL 6	UEL 36
EXTINGUISHING MEDIA:	NO- ALCOHOL FOAM	YES- CARBON DIOXIDE	
	YES- FOAM	YES- DRY CHEMICAL	YES- WATER SPRAY (FOG)

Flammable limits based on Methanol
SPECIAL FIRE FIGHTING PROCEDURES:
Flammable materials may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Containers may explode in heat or fire. Vapor explosion hazard indoors/outdoors or in sewers. Runoff to sewer may create a fire or explosion hazard.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None

***** TRANSPORTATION DATA *****

TRANSPORTATION HAZARD CLASS: 3.3
LABEL REQUIRED: Flammable # 27
PROPER SHIPPING NAME: Alcohols, N.O.S., 3.3, UN 1987, PG III
(Methanol, Isopropanol)
ID NUMBER: UN 1987

Denotes an ingredient listed in SARA Title III, Section 313

SARA Title III Hazard Categories: 1, 3.

Hazard Rating Scale: FIRE 3 REACTIVITY 0 HEALTH 2
4 Severe 3 Serious 2 Moderate 1 Slight 0 Minimal

NA = Not Applicable ND = No Data Available NE = Not Established

REVISION DATES: 7/07/92 7/11/91 7/26/90 2/22/88

Champion Technologies Modified Form OSHA-20

***** SECTION V - HEALTH HAZARD DATA *****

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THRESHOLD LIMIT VALUE: NE

EFFECTS OF OVEREXPOSURE:

May be hazardous if inhaled, ingested or absorbed through the skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes.

EMERGENCY AND FIRST AID PROCEDURES:

Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of EYE contact, immediately flush with running water for at least 20 minutes. In case of SKIN contact, wash with soap and water. Remove and isolate contaminated clothing and shoes at the site.

***** SECTION VI - REACTIVITY DATA *****

STABLE: YES CONDITIONS TO AVOID: Open flames

INCOMPATIBLE MATERIALS TO AVOID:

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

CONDITIONS TO AVOID: NA

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

Stop the flow of liquid, eliminate sources of ignition. Dike or otherwise stop spreading. Vacuum up, absorb or scrape up liquid and contaminated soil. Put into containers for later disposal in an approved EPA or State disposal facility.

***** SECTION VIII - SPECIAL PROTECTION INFORMATION *****

RESPIRATORY PROTECTION: In closed areas use NIOSH approved respirator

VENTILATION:

LOCAL EXHAUST: Recommended

MECHANICAL: Adequate to dispel vapors

SPECIAL: Entering tanks or cleaning up spills; air supply recommended

PROTECTIVE GLOVES: chemically resistant/non-slip

EYE PROTECTION: chemical safety goggles/glasses

OTHER PROTECTIVE EQUIPMENT: Eyewash stations, ample water supply; showers coveralls, splash aprons

***** SECTION IX - SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Clean up any spills promptly. DO NOT puncture drums.

OTHER PRECAUTIONS:

DO NOT INGEST.

PREPARED BY: S. Roberts

** This Material Safety Data Sheet is provided without charge to responsible persons who use it at their discretion and risk. Although the information contained herein have been completed from sources believed to be reliable there is no warranty of any kind, expressed or implied, as to the completeness or accuracy thereof. **

Exhibit-G

Injection Water Quality Analysis

State : Utah SL Merid 8S - 17E - 36 nw sw

County: UINTAH Oper: SUN OIL CO

Field : CASTLE PEAK Compl: 02/07/1952 W D P&A

Well: STATE #1 Last Info: 05/04/1993

Ftg:

Lat-Long by TDG: 40.072571 - 109.961365

Obj: Permit #: 10/14/1951 API: 43-047-0521100
Elev: 5024DF

Spud: 10/14/1951

TD: 7794

Elev: 5024DF		FORMATION TOPS		(Type: L=Log S=Sample V=True Vertical)			
		(Source: H=Dwights, I=IOG, T=Govt, S=Shell, U=USGS, R=NRIS M=Munger, N=NDGS, B=Boyd, G=GDS, X=Proprietary)					
Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	955	4069	S S	Wasatch transition	5910	-886	S S
Green River	1644	3380	S S				

<< Shell Records >>

Casing: 13 3/8 cmtd @ 423 w/375

Journal: 09/29/51 Grading loc.

10/04/51 Rigging up rotary tools.

10/17/51 425 Reaming with 17 ft bit.

10/25/51 833 Drlg.

11/02/51 1798 Drlg.

11/08/51 2403 Drlg in the Green River formation.

11/15/51 3040 Drlg. Core 2975-2981 ft, recovered 6 1/2 ft light brown to dark brownish soft sh with trace tarry oil, bleeding from bedding planes-oolites. DST 2936-2981 ft, open 1 hr, very slight blow for 45 mins, then died, no gas to surface; shut in 15 mins; recovered 10 in mud with drops of tarry oil. All pressures 0 lb except HP 1550 lb.

11/23/51 3344 Drlg. DST 3068 ft-3199 ft, open 1 hr, good blow throughout; shut in 15 mins; recovered 450 ft gas cut drlg fluid; FP 0-210 lb, SIP 1530 lb, HP 1550 lb. Core 3086-3140 ft, recovered 54 ft green brown marlstone grading to dolomite; marlstone toward base with fractured zone, 3122-3124 ft, carrying heavy black oil. Core 3140-3199 ft, recovered 59 ft, all marlstone and sandstone with slight shows of oil in sandstone. Core 3199-3255 ft, recovered 55 ft marlstone and sandstone, sandstone had slight staining.

11/28/51 3743 Crg.

12/06/51 4066 Core 4016-4066 ft, recovered 50 ft of marlstone and limestone, extremely hard with one small fracture with trace of bleeding oil. DST 3612-2693 ft, open 30 mins, slight blow, dead in 20 mins; no gas to surface; recovered 75 ft mud, FP 0-50 lb, SIP 105 lb, HP 1900 lb.

State : Utah SL Merid 8S - 17E - 36 nw sw

County: UINTAH Oper: SUN OIL CO

Field : CASTLE PEAK Compl: 02/07/1952 W D P&A

Continued

Journal: Core 3686-3698 ft, recovered 12 ft: 2 ft limy marlstone;
5 ft brown limy marlstone; 5 ft dark greenish gray
marlstone -- one small fracture slightly bleeding with
brown oil.

12/11/51 5017 Drlg.
12/21/51 5645 Drlg ahead in Green River.
12/27/51 6171 Drlg. Core 5842-5845 ft, recovered 3 1/2 ft: 1 ft 3 in
dark gray to black sh in broken pieces; 1 ft 10 in
sandstone, medium angular, slight porosity, micaceous;
4 in limestone, dark gry, dolomitic. Sandstone in core
was fractured and coated with honey colored waxy oil,
good odor, fluorescent. Also bleeding in a few spots.
DST 5805-5845 ft, open 1 hr, slight blow, dead in 20
mins; shut in 15 mins; closed and reopened tool, slight
blow dead in 10 mins; recovered 150 ft mud; FP 50-145
lb, SIP 145 lb, HP 3340 lb.

01/02/52 6509 Shut down due to storm. Mud pits frozen, fuel lines all
01/02/52 6509 frozen.
01/18/52 6748 Fishing. Lost part of dips in hole. Tried to clean.
Fish stuck at 4200 ft.
01/24/52 6748 Shot fish at 4200 ft and cleaned same to bottom. Drlg
up fish.
02/01/52 7432 Drlg in red sh (Wasatch)
02/07/52 7794 TD. Ran Schlumberger

<< State Records >>

Geological/Formation: Surface--Unita Bottom---Wasatch (No file) Bul.
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State : Utah SL Merid 9S - 17E - 2 c sw nw

County: DUCHESNE Oper: EQUITABLE RES/BALCRON

Field : MONUMENT BUTTE Compl: 05/07/1995 D O OIL

Well: BALCRON MONUMENT STATE #12-2 Last Info: 05/19/1995

Ftg: 1980 fnl 660 fwl

Lat-Long by TDG: 40.061752 - 109.980194

Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860

Obj: 5850 Green River Permit #: 12/19/1994 API: 43-013-3148100

Elev: 5097GR

Spud: 03/15/1995 Contr: Union Rig #: 17

TD: 5800 on 03/24/1995 PB: 5797

DDC : 11SE Myton (miles from the nearest city)

Casing: 8 5/8 @ 272 w/160

5 1/2 @ 5800 w/572

Core : None

DST : None

Tubing: 2 7/8 @ 5363

Perfs : 5266-5306 (Green River)

w/4 SPF @ 5266-5268, 5296-5306 - trtd w/2885 gal 2% KCl wtr - frac

w/23060# 20/40 sd 41460# 16/30 sd 20034 gal 2% KCl gel wtr

4924-4936 (Green River)

w/4 SPF - trtd w/3360 gal 2% KCl wtr - frac w/59020# 20/40 sd 19278

gal 2% KCl gel wtr

PZone : 4924-5306 (Green River)

gross interval

IP : (Green River 4924-5306) P 20 BOPD grav 34; GNM; 2.7 BWPD

LocCom: 1/9/95 has not spud.

1/30/95 has not spud.

2/14/95 has not spud.

3/14/95 has not spud.

Journl: 3/24/95 spudded.

4/13/95 drld, completion in progress.

5/2/95 completed oil well, no further details available.

5/19/95 completed oil well.

State : Utah SL Merid 9S - 17E - 2 nw nw sw

County: DUCHESNE Oper: EQUITABLE RES/BALCRON

Field : MONUMENT BUTTE Compl: 04/16/1995 D O OIL

Well: BALCRON MONUMENT STATE #13-2 Last Info: 05/03/1995

Ftg: 2210 fsl 604 fwl

Lat-Long by TDG: 40.058624 - 109.980423

Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860

Obj: 5850 Green River Permit #: 12/19/1994 API: 43-013-3148200

Elev: 5077GR

Spud: 02/12/1995

TD: 5850 on 02/20/1995

PB: 5754

DDC : 11SE Myton (miles from the nearest city)

Casing: 8 5/8 @ 270 w/160
5 1/2 @ 5799 w/623

Core : None
DST : None

Logs : DSN SDL DIL.

Tubing: 2 7/8 @ 4941

Perfs : 4856-4873 (Green River)
w/4 SPF @ 4856-4860, 4864-4873 - brkdwn w/2814 gal 2% KCl wtr - frac
w/64000# 16/30 mesh sd 18438 gal 2% KCl gel wtr

4166-4197 (Green River)
w/4 SPF @ 4166-4174, 4176-4186, 4195-4197 - brkdwn w/3087 gal 2% KCl
wtr - frac w/94760# 16/30 mesh sd 26418 gal 2% KCl gel wtr

PZone : 4166-4873 (Green River)
gross interval

IP : (Green River 4166-4873) P 58 BOPD; GNM; 1.7 BWPD

LocCom: 1/9/95 has not spud.
1/30/95 has not spud.

Journl: 2/14/95 drlg, further details tight.
3/14/95 completing, further details tight.
4/13/95 completed oil well, further details tight.
5/3/95 completed oil well.

=====
State : Utah SL Merid 9S - 17E - 2 se sw sw

County: DUCHESNE Oper: EQUITABLE RES/BALCRON

Field : MONUMENT BUTTE Compl: D

=====
Well: BALCRON MONUMENT STATE #14-2 Last Info: 03/14/1995
Ftg: 513 fsl 787 fwl
Lat-Long by TDG: 40.053986 - 109.979797
Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860
Obj: 5750 Green River Permit #: 01/31/1994 API: 43-013-3142500
Elev: 5066GR
=====

Spud: 08/14/1994
=====

DDC : 16SW Myton (miles from the nearest city)

Notes : (Confidential)

Logs : SDL DSN DLL MSFL.

LocCom: 2/14/94 still a location.

Journl: 8/31/94 spudded.

10/12/94 completed well, no further details rptd.

10/17/94 producing, further details confidential.

11/18/94 producing, further details remain tight.

12/22/94 completed well, on production, details not released.

1/9/95 completed, details not released.

1/30/95 completed, operator holding details tight.

2/14/95 completed, operator holding details tight.

3/14/95 completed, operator holding details tight.

Dwights Discover CD-ROM
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ID: R 179360-0 Original
Run Date: 18 Jul 95

State : Utah SL Merid 9S - 17E - 2 c se nw

County: Uintah Oper: Equitable Res/Balcron

Field : Monument Butte Compl: 04/30/1995 D O Oil

Well: Balcron Monument State #22-2 Last Info: 05/16/1995

Ftg: 1980 fnl 1980 fwl

Lat-Long by TDG: 40.061752 - 109.975464

Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860

Obj: 5800 Green River Permit #: 12/19/1994 API: 43-047-3261000

Elev: 5047GR

Spud: 03/06/1995 Contr: Union

Rig #: 17

TD: 5798 on 03/14/1995

PB: 5745

DDC : 11SE Myton (miles from the nearest city)

Casing: 8 5/8 @ 271 w/160

5 1/2 @ 5789 w/600

Core : None

DST : None

Logs : GR.

Tubing: 2 7/8 @ 5304

Perfs : 5222-5242 (Green River)

w/4 SPF @ 5222-5227, 5234-5242 - trtd w/2520 gal 2% KCl wtr - frac

w/25820# 20/40 sd 37000# 16/30 sd 19942 gal 2% KCl gel wtr

4881-4905 (Green River)

w/4 SPF @ 4881-4884, 4896-4905 - trtd w/2141 gal 2% KCl wtr - frac

w/56840# 20/40 sd 18732 gal 2% KCl gel wtr

PZone : 4881-5242 (Green River)

gross interval

IP : (Green River 4881-5242) P 101 BOPD grav 34; GNM; no wtr

LocCom: 1/9/95 has not spud.

1/30/95 has not spud.

2/14/95 has not spud.

Journl: 3/10/95 spudded.

3/14/95 drlg, further details tight.

4/13/95 completed oil well, further details tight.

5/16/95 completed oil well.

Dwights Discover CD-ROM
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ID: R-179361-0 Original
Run Date: 18-Jul-95

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=====
State : Utah SL Merid 9S - 17E - 2 c ne sw

County: UINTAH Oper: EQUITABLE RES/BALCRON

Field : MONUMENT BUTTE Compl: D

=====
Well: BALCRON MONUMENT STATE #23-2 Last Info: 06/07/1995

Ftg: 1980 fsl 1980 fwl

Lat-Long by TDG: 40.057999 - 109.975494

Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860

Obj: 5800 Green River Permit #: 12/19/1994 API: 43-047-3261300

Elev: 5082GR

=====
Spud: 02/25/1995 Contr: Union Rig #: 17

=====
DDC : 11SE Myton (miles from the nearest city)

LocCom: 1/9/95 has not spud.

1/30/95 has not spud.

2/14/95 has not spud.

Journl: 3/6/95 spudded.

4/13/95 drld, completion in progress.

5/2/95 still completing.

5/10/95 still completing.

5/16/95 still completing.

5/30/95 still completing.

6/7/95 still completing.

State : Utah SL Merid 9S - 17E - 2 c se sw

County: UINTAH Oper: EQUITABLE RES/BALCRON

Field : MONUMENT BUTTE Compl: 04/10/1995 D O OIL

Well: BALCRON MONUMENT STATE #24-2 Last Info: 05/01/1995
Ftg: 660 fsl 1980 fwl
Lat-Long by TDG: 40.054382 - 109.975525
Oper Address: PO Box 21017, Billings MT 59104 - 406/259-7860
Obj: 5700 Green River Permit #: 12/29/1994 API: 43-047-3261200
Elev: 5042GR

Spud: 02/03/1995 Contr: Union Rig #: 17
TD: 5700 on 02/11/1995 PB: 5635

DDC : 11SE Myton (miles from the nearest city)
Casing: 8 5/8 @ 264 w/160
5 1/2 @ 5679 w/453
Core : None
DST : None
Tubing: 2 7/8 @ 5198
Perfs : 5116-5124 (Green River)
w/4 SPF - trtd w/2814 gal 2% KCl wtr - frac w/24120# 16/30 sd 17740#
mesh sd 15876 gal 2% KCl gel wtr
4078-4114 (Green River)
w/4 SPF @ 4078-4090, 4104-4114 - trtd w/2856 gal 2% KCl wtr - frac
w/101820# 16/30 mesh sd 27594 gal 2% KCl gel wtr
PZone : 4078-5124 (Green River)
gross interval
IP : (Green River 4078-5124) P 26 BOPD grav 34; GNM; 3.3 BWPD
LocCom: 1/9/95 has not spud.
1/30/95 has not spud.
Journl: 2/9/95 spudded.
2/14/95 completing, further details tight.
3/14/95 completing, further details tight.
4/13/95 completed oil well, further details tight.
5/1/95 completed oil well.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

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



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

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

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

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Monument Fed. #23-11	State #UIC-152
Balcron Monument Fed. #14-11	State #UIC-152
Balcron Monument Fed. #12-11	State #UIC-152
Walton Federal #34-11	State #UIC-152
Balcron Monument Fed. #34-10J	State #UIC-152
Balcron Monument Fed. #44-1J	State #UIC-152
Coyote Basin Area Waterflood	
Area Permit No. UT2653-00000 (Approved 2/18/94)	
Coyote Basin Fed. #42-6X	UT2653-03751 (AREA PERMIT UT2653-00000)
East Red Wash Federal #2-5	UT2653-03752 (AREA PERMIT UT2653-00000)
East Red Wash Federal #4-6	UT2653-04224 (AREA PERMIT UT2653-00000)
Amerada Guinand Federal #1	UT2653-04225 (AREA PERMIT UT2653-00000)
Section 2 Waterflood	
Area Permit No. UT2776-00000 (Approved 11/95)	
Balcron Monument State #14-4	UT2776-04275 (State UIC-163)
Balcron Monument State #22-2	UT2776-04276 (State UIC-163)
Pariette Field SWD	
Pariette Bench #4 SWD (UT)	UT2676-02569



**EQUITABLE RESOURCES
ENERGY COMPANY**

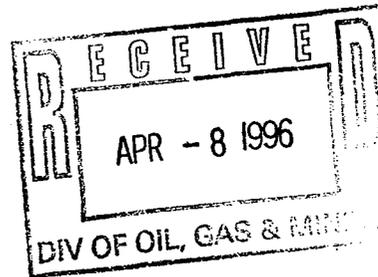
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

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

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

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

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

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

See attached listing

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See attached listing

1. Type of Well: OIL GAS OTHER:

See attached listing

8. Well Name and Number:

See attached listing

2. Name of Operator:

Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number:

See attached listing

3. Address and Telephone Number:

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

10. Field and Pool, or Wildcat:

See attached listing

4. Location of Well

Footages: See attached listing

County: See attached list

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

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

MAR 27 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ	<input checked="" type="checkbox"/>
2	DES 8-FILE	<input checked="" type="checkbox"/>
3	VLD (GIL)	<input checked="" type="checkbox"/>
4	RJE	<input checked="" type="checkbox"/>
5	IE	<input checked="" type="checkbox"/>
6	FILM	<input checked="" type="checkbox"/>

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>047-32610</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

- Y 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.
- Y 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Y 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Y 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Y 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)*
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

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

- 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.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

- 1. All attachments to this form have been microfilmed. Date: May 20 1996. *refilmed Jan 29, 1997*

FILING

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

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

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 requirments. 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 _____

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

INJECTION WELL - PRESSURE TEST

Test Date: <u>7/30/96</u>	Well Owner/Operator: <u>Equitable</u>
Disposal Well: _____	Enhanced Recovery Well: <input checked="" type="checkbox"/> Other: _____
API No.: 43- <u>047</u> ⁰⁴⁵ - <u>32610</u>	Well Name/Number: <u>Monument State 22-2</u>
Section: <u>2</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 600 psi
 Casing/Tubing Annulus - Pressure: _____ psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1000</u>	<u>600</u>
5	<u>1000</u>	<u>600</u>
10	<u>1000</u>	<u>600</u>
15	<u>1000</u>	<u>600</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 600 psi
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS: Well has been pressured up approx 1 week
well passed MIT

Dan Fraensworth Operator Representative D. Janis DOGM Witness

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

INJECTION WELL - PRESSURE TEST

Test Date: <u>7/30/96</u>	Well Owner/Operator: <u>Egyptable</u>
Disposal Well: _____	Enhanced Recovery Well: <input checked="" type="checkbox"/> Other: _____
API No.: <u>43-047-3266</u>	Well Name/Number: <u>Monument State 22-2</u>
Section: <u>2</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 5I Pressure: 600 psi

Casing/Tubing Annulus - Pressure: 1000 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1000</u>	<u>600</u>
5	<u>1000</u>	<u>600</u>
10	<u>1000</u>	<u>600</u>
15	<u>1000</u>	<u>600</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi

Casing/Tubing Annulus Pressure: _____ psi

REMARKS:

Well has casing was held pressure
at 1000 psi for 1 week Passed MIT

[Signature]
 Operator Representative

[Signature]
 DOGM Witness

BALCHON OIL DIVISION
DAILY COMPLETION / WORKOVER REPORT

7-22-96
DATE 7-23-96

WELL NAME & NO. MONUMENT STATE 22-2 FIELD MONUMENT BUTTE
SEC. 2 TWP. 9S RNG. 17E COUNTY UINTAH STATE UTAH
TD 5796 PBD 5744 KB 10 ELEV. CRD. LEVEL 5047
TBG. SIZE 2 7/8 TYPE EUE GRADE J-55 THRD. BRD WT. 6.5 RNG. 2
TBG. SIZE _____ TYPE _____ GRADE _____ THRD. _____ WT. _____ RNG. _____
CAS. SIZE 5 1/2 TYPE LT+C GRADE J-55 THRD. BRD WT. 15.5 RNG. 3
CAS. SIZE _____ TYPE _____ GRADE _____ THRD. _____ WT. _____ RNG. _____
PERFORATIONS / OPEN HOLE 4881-84, 4896-4905, 5222-27, 5234-42.

REASON FOR JOB RECOMPLETE FOR INJECTION PRESENT OPERATION.

CSG. PRESS. _____ TBG. PRESS. _____ WEATHER _____

TIME DESCRIPTION OF OPERATIONS AND COMMENTS

0700 MIBU BASIN WELL SERVICE RIG #1
LAY DOWN RODS + DHP.
NU BOP, UNSET TBG. ANCHOR.
TAG PBD AT 5746' KB.
TOOH W/TBG. 154 JTS.
TIA W/ INJECTION STRING (TBG), STANDING VALVE IN PLACE.
1- ARROW SET-1 PKB. 6.20 4820.17
1- 2 7/8 X 2 7/8 CROSS OVER .42 4813.97
1- SEAT NIPPLE 2 7/8 1.10 4813.55
153- JTS. 2 7/8 EUE J-55 BRD. 6.5 # 4802.45 4812.45
KB 10.00
PRESS. TEST TBG. TO 3000 PSI, 1-HR. NO LOSS.
PULL STANDING VALVE.
ND BOP, FLANGE UP WELL HEAD.
PUMP 80 BBL. WATER MIXED W/ 55 GAL. CHAMPION PORTON
B-2383 PKB. FLUID DOWN ANNULUS.
SET PKB. W/ 21" TENSION.
PRESS. TEST CSG. TO 1000 PSI, 1-HR NO LOSS.
LEAVE 1000 PSI ON CASING.
SHUT WELL IN.
BDMO

DAILY COSTS:	LOAD TO RECOVER,	BBIS. OF
COMPLETION RIG \$ 2190	TBG. \$	CHEMICALS \$ 600
BOP RENTAL \$ 170	RODS \$	CEMENTING \$
EQUIP. RENTAL \$	PONIES & PUMPS \$	RIG ANCHORS \$
TANK RENTAL \$	DOWN HOLE PUMP \$	CATS & GRADERS \$
HOT OILER \$ 601	TA, KA, SN, \$	
COMPLETION FLUID \$	WELL HEAD EQUIP. \$	
LOG & PERMEATE \$	VALVES & FITTINGS \$	
STIMULATION \$	TREATER/SEPERATER \$	
TRANSPORTATION \$	TANKS \$	
CONTRACT LABOR \$	PUMP UNIT/ENGINES \$	
PACKERS (RENTAL) \$	PACKERS/PURCHASE \$ 2600	SUPERVISION \$
CUMULATIVE COST \$		

OPERATIONS SUPERVISOR Dale Griffin

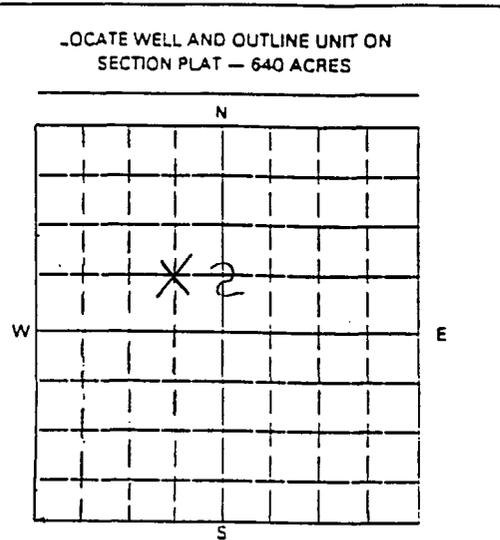


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Mt. 59102

NAME AND ADDRESS OF CONTRACTOR
Basin Well Service
Roosevelt, Utah



STATE Ut.	COUNTY Duchesne County	PERMIT NUMBER UT 2776-00000
SURFACE LOCATION DESCRIPTION 1/4 OF SE 1/4 OF NW 1/4 SECTION 2 TOWNSHIP 9 S RANGE 17 E		
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location 1980 ft. from (N/S) <u>N</u> Line of quarter section and 1980 ft. from (E/W) <u>W</u> Line of quarter section		
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage	Total Depth Before Rework PSTD @ 5745' Total Depth After Rework Same Date Rework Commenced 7-22-96 Date Rework Completed 7-23-96	TYPE OF PERMIT <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Area Number of Wells _____ Well Number Monument State # 22-2
Lease Name Castle Draw State Section - 2		

WELL CASING RECORD - BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8 5/8	271' KB	160	Class-G			(See attached well data sheet)
5 1/2"	5789' KB	285	Class-G			
		315	50-50 P02			

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

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						Same As above

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS. LIST EACH TYPE	
	Log Types	Logged Intervals
MIRU, TOOH w/ rods & Hbg, tag TD @ 5746'	NA	
RIH w/ Arrow set-1 packer & Hbg land @ 4820' KB, pump PKR fluid, set PKR w/ 21" tension, test csg annulus to 1000 psig for one hour w/ No Loss. (See attached workover report)		

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print) John Zellitti Senior Production Engineer	SIGNATURE 	DATE SIGNED 8-16-96
---	---------------	------------------------

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

INJECTION WELL - PRESSURE TEST

Test Date: <u>7/30/96</u>	Well Owner/Operator: <u>Equitable</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: 43- _____	Well Name/Number: <u>Monument State 22-2</u>
Section: <u>2</u>	Township: <u>9S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 5T Pressure: 600 psi
Casing/Tubing Annulus - Pressure: 1000 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1000</u>	<u>600</u>
5	<u>1000</u>	<u>600</u>
10	<u>1000</u>	<u>600</u>
15	<u>1000</u>	<u>600</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: _____ psi
Casing/Tubing Annulus Pressure: _____ psi

REMARKS:

Well has casing mud held pressure at 1000 psi for 1 week Passed MIT

Ray Fournier
Operator Representative

D. J. Jamin
DOG M Witness

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
ML-45555

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.

7. Unit Agreement Name:
Castle Draw

1. Type of Well: OIL GAS OTHER: Injection

8. Well Name and Number:
Balc.Mon. State # 22-2

2. Name of Operator:
Equitable Resources Energy Company

9. API Well Number:
43-047-32610

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

10. Field and Pool, or Wildcat:
Undesig/Grn River

4. Location of Well
Footages: SE NW Section 2, T9S, R17E 19080' FNL, 1980' FWL
QQ, Sec., T., R., M.:

County: Uintah
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 begin injection
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion _____

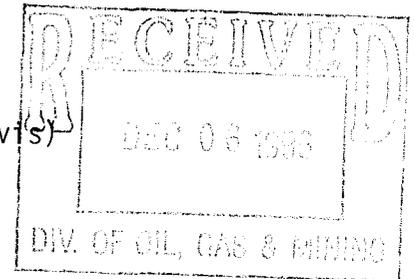
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

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

Nov.
Injection on this well began ~~August~~ 21, 1996.

ORIGINAL: Utah Division of Oil, Gas and Mining (Dan Jarvis)

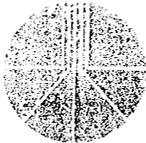


13. Name & Signature: Robbie Schuman

Title: Regulatory Specialist Date: 12/2/96

(This space for State use only)

WO fax credit denied - 9/97.



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

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

February 10, 1997

Mr. Dan Jarvis
State of Utah
UIC Program
Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Dear Mr. Jarvis:

Attached are copies of the results of Mechanical Integrity Tests (MIT)
recently run on the following wells:

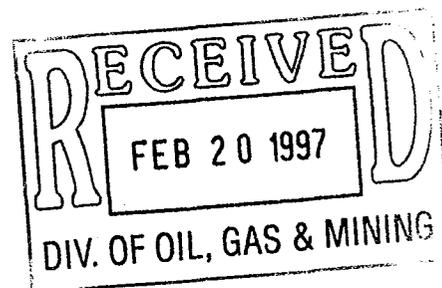
Balcron Monument Federal #41-14J
Monument State #14-2
Monument State #22-2
Monument Federal #11-7J

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs
Attachments

cc: Bureau of Land Management (Vernal, UT)
U.S. Environmental Protection Agency (MAIL CODE: 8 WM-DW)



RECEIVED
OCT 10 1997



October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

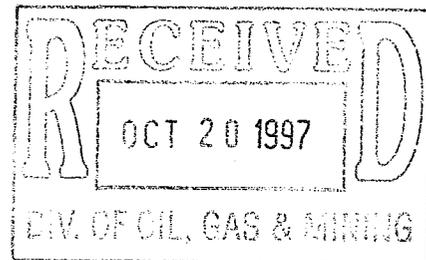
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator: Inland Production Company

3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well
Footages: See Attached Exhibit
County: _____
State: _____

5. Lease Designation and Serial Number:
See Attached

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

7. Unit Agreement Name:
See Attached

8. Well Name and Number:
See Attached

9. API Well Number:
See Attached

10. Field and Pool, or Wildcat:
See Attached

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 9-30-97

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

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

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

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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

OCT 10 1997

13. Name & Signature: Chris 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

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TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

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Well name and number: See Attached (CASTLE DRAW)

Field or Unit name: See Attached API no. See Attached

Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached

Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [Signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A Potter Company Inland Production Company

Signature [Signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

Date 9-30-97 Phone (303) 292-0900

Comments:

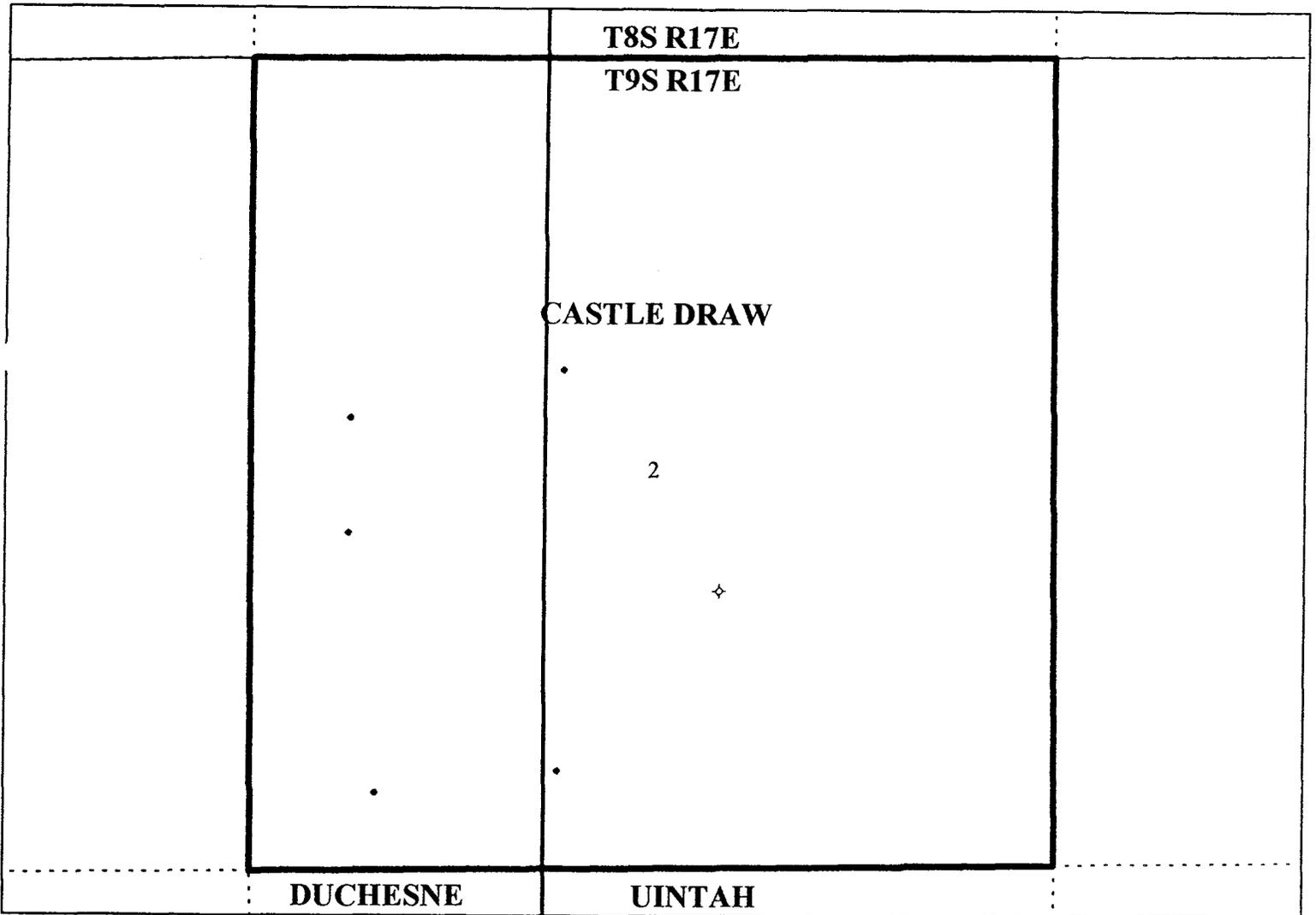
(State use only)

Transfer approved by [Signature] Title Environmental Manager

Approval Date 12-19-97

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OCT 21 1997
DIV. OF OIL, GAS AND MINING

Unit: Castle Draw
Formation: Green River Fmtn.
County: Duchesne
Cause No.: 228-3



castledrw.apr

Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00		UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

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	11995	12275	43-013-31685	MONUMENT 11-2-9-17CD		2	9S	17E	DUCHESNE		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	12019	12275	43-047-32737	MONUMENT 32-2		2	9S	17E	UINTAH		9-30-97
WELL 2 COMMENTS:											
B	99999	12275	43-047-32842	CASTLE DRAW 8-2		2	9S	17E	UINTAH	12-3-97	9-30-97
WELL 3 COMMENTS:											
B	99999	12275	43-047-32843	CASTLE DRAW 1-2		2	9S	17E	UINTAH	11-25-97	9-30-97
WELL 4 COMMENTS:											
D	11656	12275	43-013-31425	MONUMENT 14-2		2	9S	17E	DUCHESNE		9-30-97
WELL 5 COMMENTS:											
D	11742	12275	43-047-32610	MONUMENT 22-2		2	9S	17E	UINTAH		9-30-97

- 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
 - N - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

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

(3/89)

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

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC <i>[initials]</i>	6-LEC <i>[initials]</i>
2-GLH <i>[initials]</i>	7-KAS <i>[initials]</i>
3-DTS <i>[initials]</i>	8-SI
4-VLD <i>[initials]</i>	9-FILE <i>[initials]</i>
5-JRB <i>[initials]</i>	

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 1 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>

WELL(S) attach additional page if needed: ***CASTLE DRAW SEC. REC. UNIT**

Name: *MONUMENT 31-2-9-17CD/GR	API: 43-047-32563	Entity: 11878	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 11-2-9-17CD/GR	API: 43-013-31685	Entity: 11995	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 32-2/GR	API: 43-047-32737	Entity: 12000	S	2	T	9S	R	17E	Lease: ML45555
Name: *CASTLE DRAW 8-2/DRL	API: 43-047-32842	Entity: 99999	S	2	T	9S	R	17E	Lease: ML45555
Name: *CASTLE DRAW 1-2/DRL	API: 43-047-32843	Entity: 99999	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 14-2/WIW	API: 43-013-31425	Entity: 11656	S	2	T	9S	R	17E	Lease: ML45555
Name: *MONUMENT 22-2/WIW	API: 43-047-32610	Entity: 11742	S	2	T	9S	R	17E	Lease: ML45555

OPERATOR CHANGE DOCUMENTATION

- [initials]* 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)*
- [initials]* 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.
- [initials]* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(12-19-97) * (UIC Database & Query 12-19-97)*
- [initials]* 6. **Cardex** file has been updated for each well listed above. *(12-19-97)*
- [initials]* 7. Well **file labels** have been updated for each well listed above. *(12-19-97)*
- [initials]* 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)*
- [initials]* 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (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.
- Yes 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."*

- Yes 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

- DTS 1. Copies of documents have been sent on 1/5/98 to Ed Bunner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

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

FILING

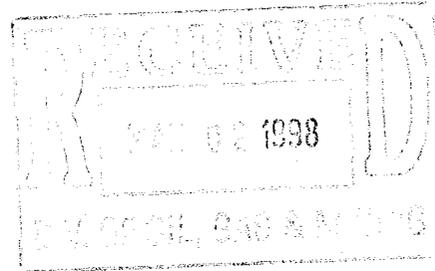
- ___ 1. **Copies** of all attachments to this form have been filed in each **well file**.
- ___ 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

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



February 26, 1998



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

Attn: Mr. Michael Hebertson

Re: Sundry Notices and Reports on Wells (Form 5)

Dear Mr. Hebertson:

Enclosed are the above referenced documents providing the weekly status or surface spud information for wells on our current drilling program. If you should have any questions, please contact me at (303) 382-4441.

Sincerely,

Shannon Smith
Engineering Secretary

Enclosures

Cc: Bureau of Land Management
Vernal District Office, Division of Minerals
170 South 500 East
Vernal, Utah 84078
Well File - Denver
Well File - Roosevelt

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
(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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION WELL		7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME BALCRON MONUMENT STATE	
3. ADDRESS OF OPERATOR 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102		9. WELL NO. 22-2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/NW 1980 FNL 1980 FWL		10. FIELD AND POOL, OR WILDCAT 8 MILE FLAT NORTH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW Section 2, T09S R17E	
14. API NUMBER 43-047-32610	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5047 GR	12. COUNTY OR PARISH UINTAH	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"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Recompletion</u> <input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	

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

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

WEEKLY STATUS REPORT FOR WEEK OF 2/19/98 - 2/25/98

Well ready for injection 2/21/98.

Perf D sds @ 4778-88'.



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

SIGNED Shannon Smith TITLE Engineering Secretary DATE 2/26/98

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

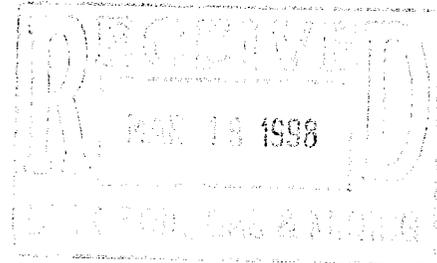
CONDITIONS OF APPROVAL, IF ANY:



March 3, 1998

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

RE: Mechanical Integrity Test
Monument State #22-2
SE NW Section 2-T9S-R17E
Uintah County, Utah
43-047-32610



Dear Mr. Jarvis:

Attached herein is a copy of Form 5, Sundry Notices and Report on Wells, and Form 8, Completion Report, following work performed on the above referenced well. Should you have any questions or require additional information, please contact me at (303) 382-4434.

Sincerely,

Debbie E. 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

3. Lease Designation and Serial No.
ML-4555

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designated

8. Well Name and No.
Balcan Mon St # 222

9. API Well No.
43-047-32610

10. Field and Pool, or Reservoir Area
Undersig/Gr. River

11. County or Parish, State
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other **WIW**

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
410 17th Street, Suite 700, Denver, CO 80202

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NW Sec 2-T9S-R17E
1980' FNL & 1980' FWL

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

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

(Note: Report results of multiple completion or Completion or Recompletion Report and Log for)

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.)

A mechanical integrity test was performed on the above referenced well on 2-21-98 for 2 1/2 hrs, following workover operations.

Please refer to the following attachments:

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

The following people were notified, but did not witness:

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

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

Signed Debbie Knight Title Permitting Specialist Date 3-11-98

(This space for Federal or State office use)

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

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

*See instruction on Reverse Side

Received Time Mar 4, 10:28AM

Form 3160-4 (November 1983) (formerly 9-330)

801 789 1877

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. WELLS IDENTIFICATION AND SERIAL NO. ML-45555

5. UNIT ASSIGNMENT NAME

6. LAND OR LEASE NAME Balcon Mon. State

7. WELL NO. #22-2

8. FIELD AND POOL OR WILDCAT Undesig/Gr. River

9. SEC., T., R. OR BLOCK AND SURVEY OR ANNA Sec. 2-T9S-R17E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5047.26' GL

15. INTERVALS DRILLED BY Rotary Tools Yes

16. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* Green River 4778'-5242'

17. TYPE ELECTRIC AND OTHER LOGS RUN Previously submitted

18. CASINO RECORD (Report all strings set in well) Same as previously reported

19. LINER RECORD

20. TUBING RECORD

21. PERFORATION RECORD (Interval, size and number) Added perforations: D Sand-4778'-4788' 4 JSPF

22. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. 4778-4788' 40,400# 20/40 sd in 229 bbls Delta Frac

23. PRODUCTION DATE FIRST PRODUCTION

24. DATE OF TEST

25. FLOW, TUBING PRESS.

26. DISPOSITION OF GAS

27. LIST OF ATTACHMENTS

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

SIGNED Debbie Knight TITLE Permitting Specialist DATE 3-11-98

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



Daily Workover Report

MONUMENT STATE 22-2
SE/NW Sec. 2, 9S, 17E
Uintah Co., Utah
API # 43-047-32610

Spud Date: 3/6/95
TD: 5798'
Workover Rig: Flint #4097

2/17/98 PO: Perf D sds. (Day 1)

Summary: 2/16/98 – TP: 0, CP: 0. Well still flowing est 10 BPH. Flowed back 1350 BW since Sat. AM. MIRU Flint #4097. ND wellhead. Release Arrowset 1 pkr. NU BOP. TOH & tally injection string – LD pkr. PU & TIH w/4-3/4" bit, 5-1/2" csg & 153 jts 2-7/8" 8rd 6.5# J-55 tbg (injection string). PU additional 20 jts 2-7/8" J-55 tbg. Ran scraper past existing perfs to 5430'. Circ hole clean. TOH w/tbg. LD bit & scraper. PU & TIH w/5-1/2" RBP & tbg. Set plug @ 4830'. Pull EOT to 4770'. Press test plug & BOP to 3000 psi. Swab FL dn to 3000'. Rec 68 BTF. SIFN w/est 1418 BWTR.
DC: \$5,339 TWC: \$5,339

2/18/98 PO: Frac D sds. (Day 2)

Summary: 2/17/98 – TP: 0, CP: 100. Bleed gas off csg. IFL @ 200'. Plug leaking? TIH w/tbg. Release plug @ 4830'. Reset @ 4838'. Press test plug to 3000 psi. Leaking off 50 psi/min. Release plug. TOH w/tbg. LD plug. PU & TIH w/new 5-1/2" RBP & tbg. Set plug @ 4830'. Press test plug to 3000 psi. Swab FL dn to 4200'. Rec 90 BW. TOH w/tbg. RU HLS & perf D sds @ 4778-88' w/4 jspf. TIH w/tbg to 4808'. IFL @ 4200'. Made 4 swab runs, rec 8 BTF. FFL @ 4800'. SIFN w/est 1516 BWTR.
DC: \$3,759 TWC: \$9,098

2/19/98 PO: CO sd. Swab well. Pull plug. (Day 3)

Summary: 2/18/98 – TP: 0, CP: 0. IFL @ 4100'. Made 4 swab runs, rec 12 BTF. FFL @ 4700'. TOH w/tbg. NU isolation tool. RU Halliburton & frac D sds w/40,400# 20/40 sd in 229 bbls Delta Frac. Perfs broke dn @ 2746 psi. Treated @ ave press of 2020 psi w/ave rate of 20 BPM. ISIP: 2069 psi, 5 min: 1948 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 126 BTF (est 42% of load). SIFN w/est 1355 BW recovered.
DC: \$17,768 TWC: \$26,866

2/20/98 PO: TOH. Break & dope collars. TIH, land inj. String. (Day 4)

Summary: 2/19/98 – CP: 600. Thaw well head & BOP w/HO Trk. Bleed csg off. Rec est 7 BTF. TIH w/RH & tbg. Tag sd @ 4764'. CO sd to RBP @ 4830'. Pull EOT to 4806'. IFL @ sfc. Made 15 swab runs, rec 145 BTF w/no sd, no oil. TIH w/tbg. CO 2' sd to RBP @ 4830'. Release plug. TOH w/60 jts tbg & plug. Breaking each cplg & dopping each pin w/Liquid O-Ring. EOT @ 2958'. SIFN w/est 1507 BW recovered.
DC: \$2,156 TWC: \$29,022

2/21/98 PO: Csg integrity test. Ready for injection. (Day 5)

Summary: 2/20/98 – TP: 800, CP: 800. Thaw tbg, well head & BOP w/HO Trk. Bleed well dn, stays flowing. Con't TOH w/tbg & RBP f/2958'. Break each cplg & dope each pin w/Liquid O-Ring. LD RBP. PU & TIH w/redressed 5-1/2" Arrowset 1 pkr, SN, 149 jts 2-7/8" 8rd 6.5# J-55 tbg. Retorque each connection & TIH. ND BOP. Land tbg on flange. Pmp 75 BW treated w/Ann Hib II. PU on tbg & set pkr @ 4690' (w/end of pkr @ 4693'). Land tbg on flange w/14,000# tension. Press test csg & pkr to 1200 psi. Lost 200 psi in 2 hrs. Pmp up again to 1200 psi. SIFN w/est 1507 BW recovered.
DC: \$3,072 TWC: \$32,094



Daily Workover Report – Page Two

MONUMENT STATE 22-2
SE/NW Sec. 2, 9S, 17E
Uintah Co., Utah
API # 43-047-32610

Spud Date: 3/6/95
TD: 5798'
Workover Rig: Flint #4097

2/22/98 PO: Csg integrity test. Ready for production. (Day 6)

Summary: 2/21/98 – TP: 800, CP: 910. Check pressures on well. Re-pressure csg to 1110 psi. RDMO. Perform csg integrity test. Well ready for injection.
DC: \$426 TWC: \$32,520

STEP RATE RECORD

Mechanical Integrity Test

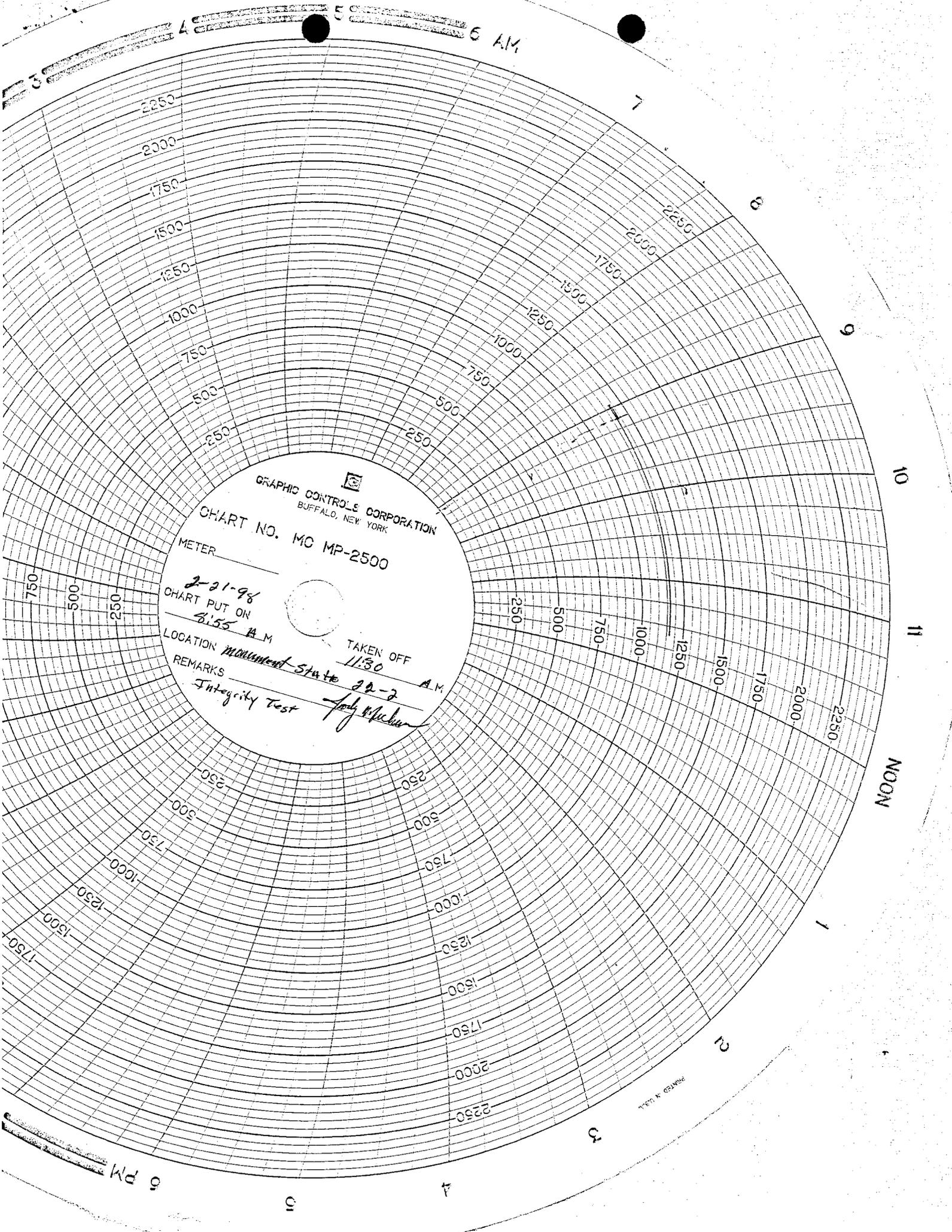
2-21-98

Monument State #22-2

SE NW Sec 2-T9S-R17E

Uintah County, Utah

0	Min	800 psig
5	Min	1110 psig
10	Min	1110 psig
15	Min	1110 psig
20	Min	1110 psig
25	Min	1110 psig
30	Min	1110 psig
35	Min	1110 psig
40	Min	1110 psig
45	Min	1110 psig
50	Min	1110 psig
55	Min	1160 psig
60	Min	1160 psig
65	Min	1160 psig
70	Min	1160 psig
75	Min	1160 psig
80	Min	1160 psig
85	Min	1160 psig
90	Min	1160 psig
95	Min	1160 psig
100	Min	1160 psig
105	Min	1160 psig
110	Min	1160 psig
115	Min	1160 psig
120	Min	1160 psig
125	Min	1160 psig
130	Min	1160 psig
135	Min	1160 psig
140	Min	1160 psig
145	Min	1160 psig
150	Min	1160 psig



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MO MP-2500

METER _____

2-21-98
CHART PUT ON
8:55 A.M.

TAKEN OFF
11:30 A.M.

LOCATION *Monticent State*

REMARKS
Integrity Test

PRINTED IN U.S.A.



March 16, 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 Step Rate Tests for the Monument State #14-2 and Monument State #22-2. Both of these wells are in the Castle Draw Unit. These Step Rate Tests have been also submitted to Mr. Edwin Hogle with the Environmental Production Agency. At the Monument State #14-2 were requesting a change in the Maximum Allowable Pressure to 1928 based upon this Step Rate Test. At the Monument State #22-2 were requesting a change in the Maximum Allowable Pressure to 1927 based upon this Step Rate Test.

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

Sincerely,

Brad Mecham
Operations Manager

Enclosures

cc: Environmental Protection Agency

/bm

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	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME Castle Draw Unit	
3. ADDRESS OF OPERATOR ROUT # 3 BOX 3630 MYTON, UTAH 84052 (435) 646-3721		8. FARM OR LEASE NAME BALCRON MONUMENT STATE	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements * See also space 17 below.) At surface SE/NW 1980 FNL 1980 FWL		9. WELL NO. 22-2	
14. API NUMBER 43-047-32610		10. FIELD AND POOL OR WILDCAT 8 MILE FLAT NORTH	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5047 GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW Section 2, T09S R17E	
12. COUNTY OR PARISH UINTAH		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"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Step Rate Test</u> <input checked="" type="checkbox"/>
(OTHER) _____ <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

On March 12, 1999 Inland Production Company conducted a step-rate test (SRT) on the Balcron Monument State 22-2 in the Castle Draw Unit.
Due to the results of this SRT, we are requesting that the Maximum Allowable Injection Pressure be changed to 1927 psi.

18 I hereby certify that the foregoing is true and correct

SIGNED Brad Meacham TITLE District Manager DATE 3/16/99
 Brad Meacham

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____

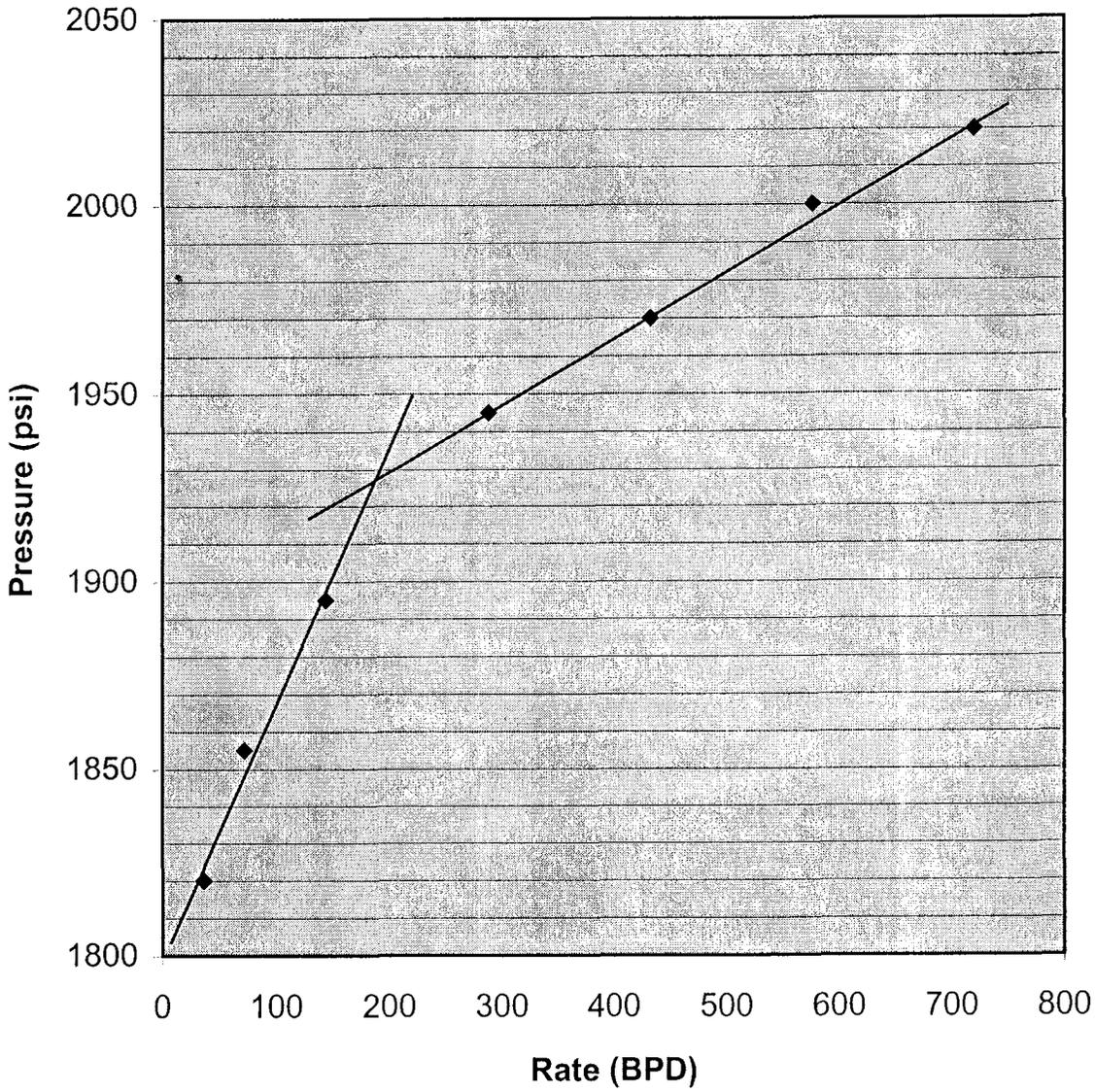
CONDITIONS OF APPROVAL, IF ANY:

**Approved by the
Utah Division of
Oil, Gas and Mining** * See Instructions On Reverse Side

Date: 3/22/99
 By: [Signature]

COPY SENT TO OPERATOR
 Date: 3-27-99
 initials: [Signature]

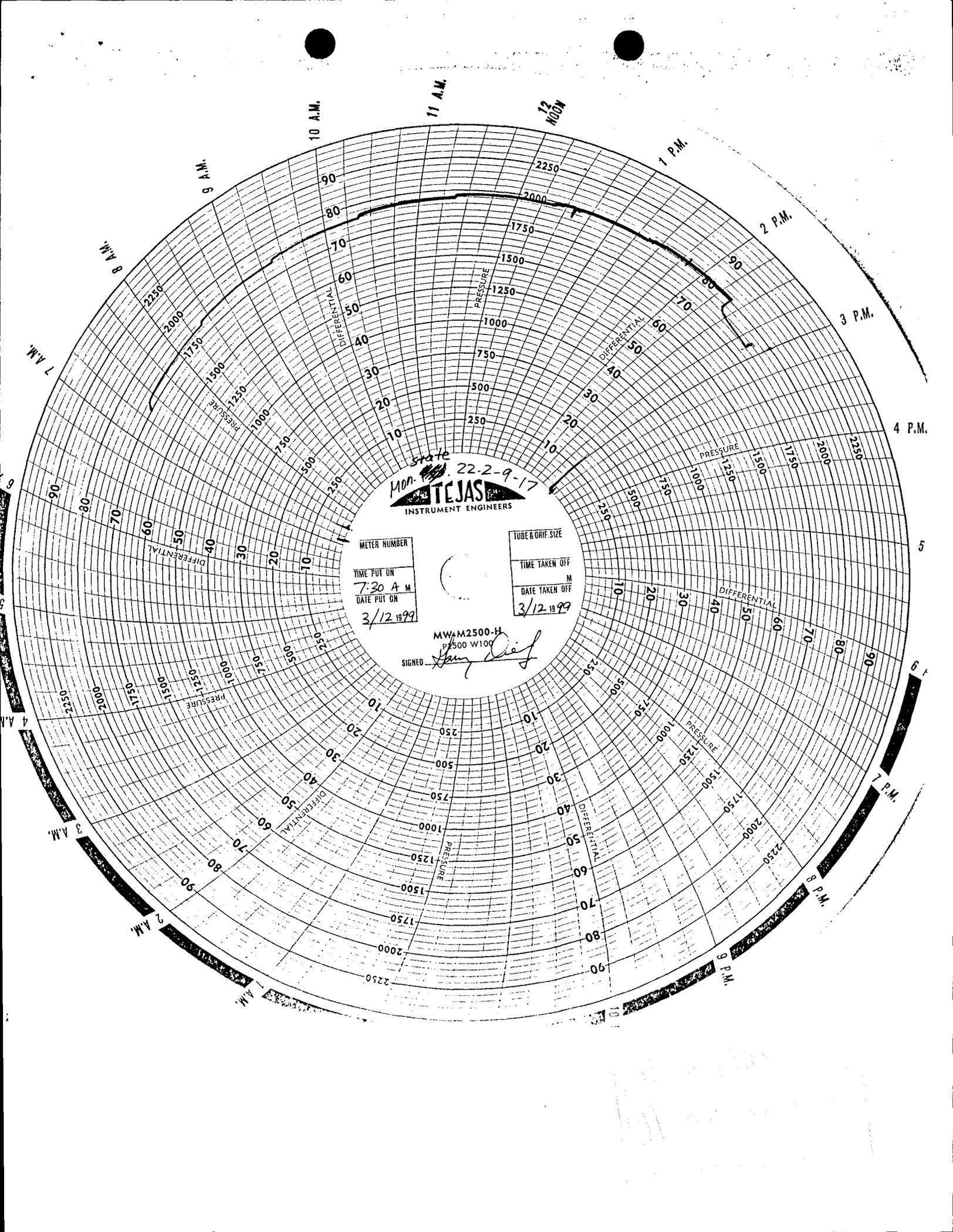
M Monument State 22-2
(Castle Draw unit)
Step Rate Test
March 15, 1999



ISIP: 1930 psi

Fracture pressure: 1927 psi

Step	Rate(bpd)	Pressure(psi)
1	36	1820
2	72	1855
3	144	1895
4	288	1945
5	432	1970
6	576	2000
7	720	2020



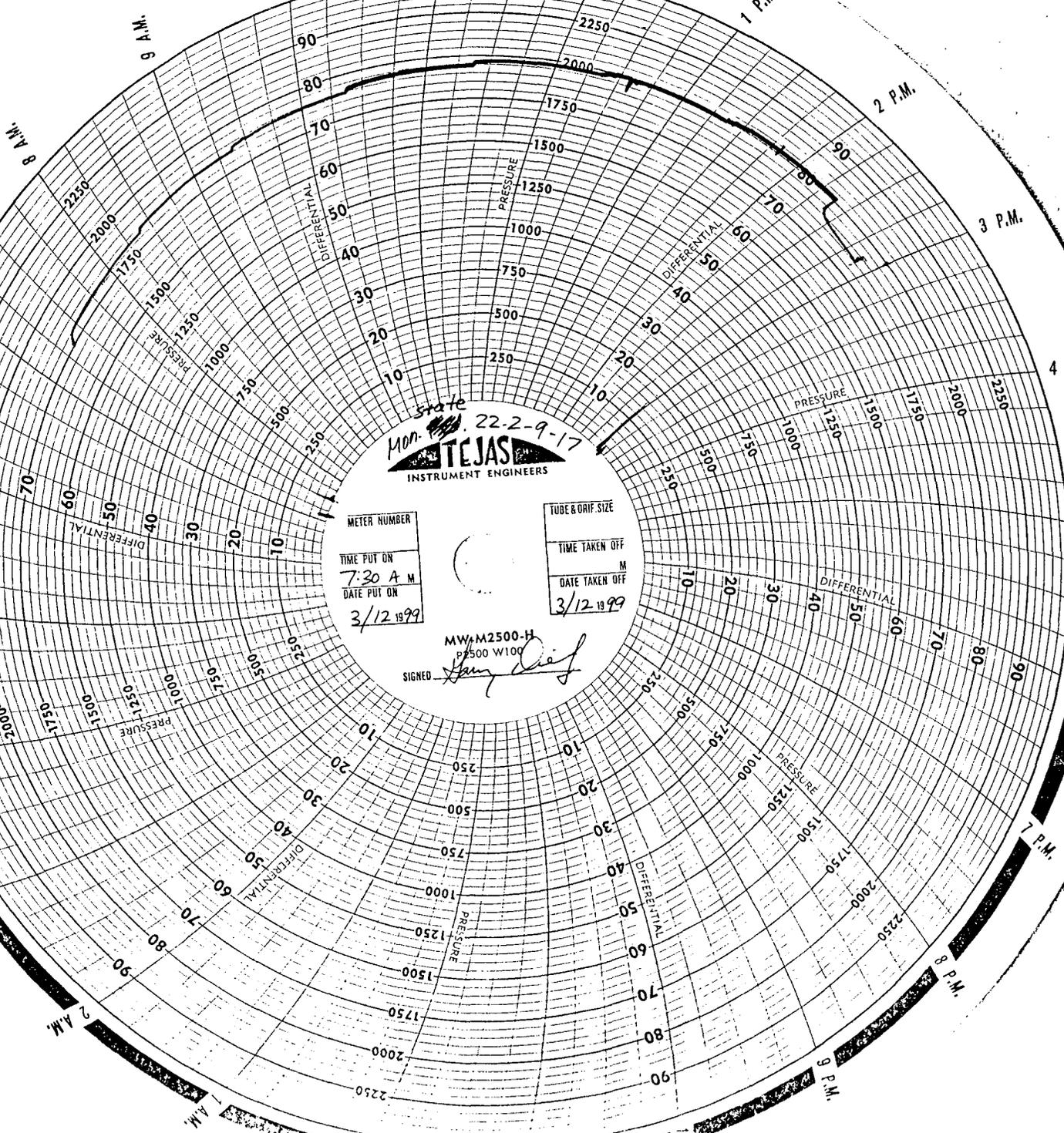
state
 Mon. 22-2-9-17
TEJAS
 INSTRUMENT ENGINEERS

METER NUMBER
 TIME PUT ON
 7:30 A.M.
 DATE PUT ON
 3/12 1999

TUBE & ORIF. SIZE
 TIME TAKEN OFF
 DATE TAKEN OFF
 3/12 1999

MWAM2500-H
 P500 W100

SIGNED *Harry*



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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
(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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME CASTLE DRAW	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MONUMENT ST 22-2	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. MONUMENT ST 22-2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/NW Section 2, T9S R17E 1980 FNL 1980 FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NW Section 2, T9S R17E	
14. API NUMBER 43-047-32610	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5047 GR	12. COUNTY OR PARISH UINTAH	13. STATE UT

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

<p>NOTICE OF INTENTION TO:</p> <p>TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/></p> <p>FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/></p> <p>SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/></p> <p>REPAIR WELL <input type="checkbox"/> <input type="checkbox"/></p> <p>(OTHER) <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/></p> <p>FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/></p> <p>(OTHER) <input checked="" type="checkbox"/> 5 Year MIT</p> <p style="text-align: center;">(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>
--	--

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 1/27/03 Mr. Al Craver w/ EPA was contacted and gave permission to conduct a MIT on the casing. On 1/30/03 the casing was pressured to 1330 psi w/ no pressure loss charted in the 1/2 test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 2/7/2003
Krishna Russell

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

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
 Date: 02-19-03
 Initials: CRD

* See Instructions On Reverse Side

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

Date: 02-18-03
By: [Signature]

RECEIVED
FEB 11 2003
DIV. OF OIL, GAS & MINING

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: 1 / 31 / 03
 Test conducted by: BRET HENRIE
 Others present: _____

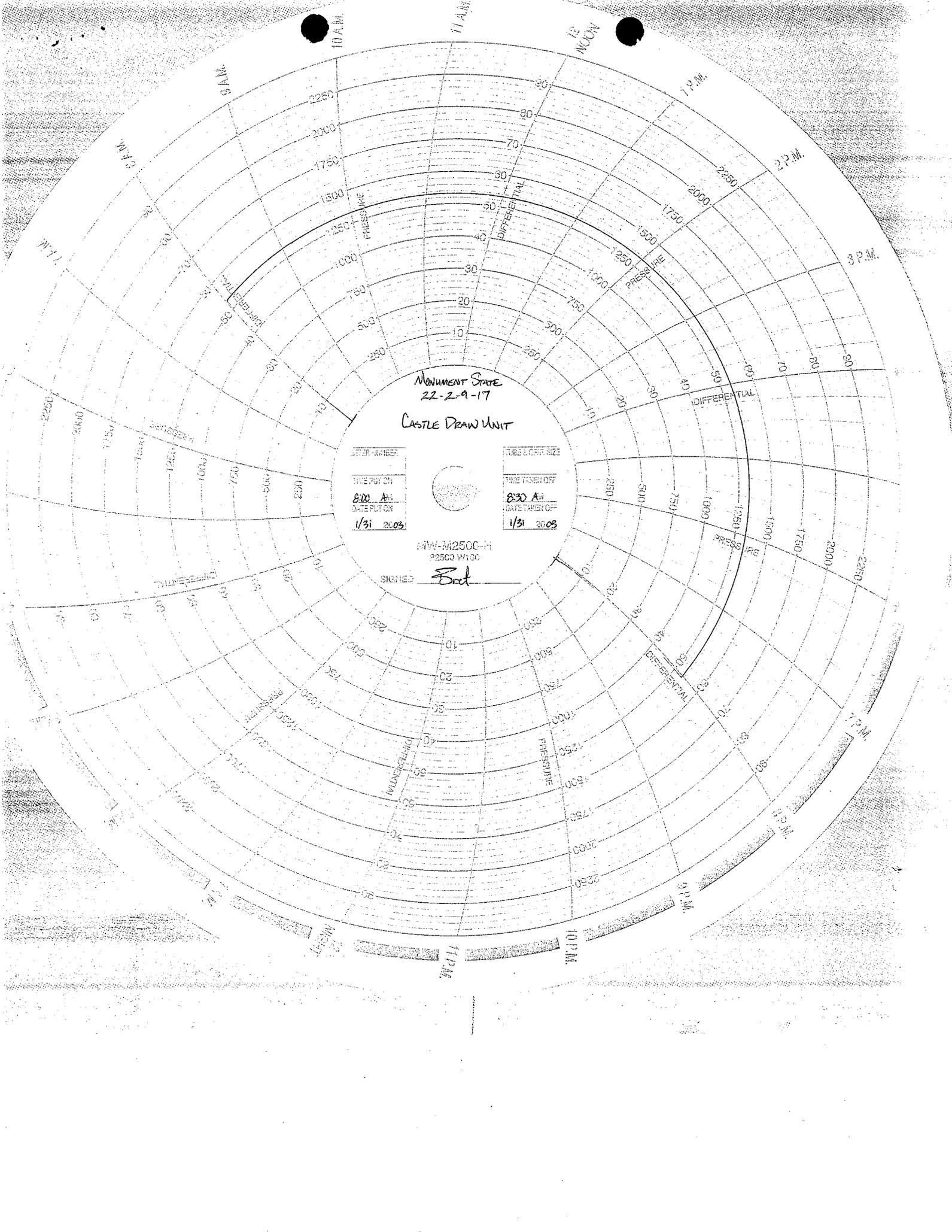
Well Name: <u>MONUMENT STATE 22-29-17</u>	Type: <input checked="" type="radio"/> ER SWD	Status: <input checked="" type="radio"/> AC TA UC
Field: <u>CASTLE DRAW UNIT</u>		
Location: <u>SE1SW</u> Sec: <u>2</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>WINTAH</u> State: <u>LIT</u>		
Operator: <u>ISLAND PRODUCTIONS CO.</u>		
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: <u>1927</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1800 psig	psig	psig
End of test pressure	1800 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1330 psig	psig	psig
5 minutes	1330 psig	psig	psig
10 minutes	1330 psig	psig	psig
15 minutes	1330 psig	psig	psig
20 minutes	1330 psig	psig	psig
25 minutes	1330 psig	psig	psig
30 minutes	1330 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	<input type="checkbox"/> Pass [] Fail	<input type="checkbox"/> Pass [] Fail

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



MONUMENT STATE
22-2-9-17

CASTLE DRAW UNIT

WELL NUMBER

TUBEL CUP SIZE

TIME TURN ON

TIME TURN OFF

8:00 A.M.

8:30 A.M.

DATE TURN ON

DATE TURN OFF

1/31 2003

1/31 2003

MW-M250C-H
2250 W/30

SIGNED Erd

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

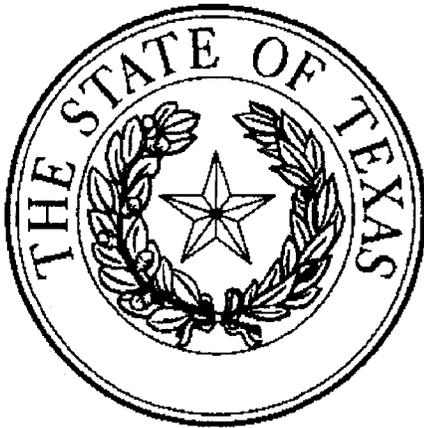
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: CASTLE DRAW UNIT
8. WELL NAME and NUMBER: MON 22-2-9-17
9. API NUMBER: 4304732610
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: 1980 FNL 1980 FWL COUNTY: UINTAH
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 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 <hr/> <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/22/2006	<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 type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The subject well was recompleted in the Green River Formation on 10/22/06. A new packer was put in at 4685'.

On 10/4/06 Nathan Wisner with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/22/06. On 10/22/06 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1150 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-04276 API# 43-047-32610

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

RECEIVED
OCT 26 2006
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 10/25/2006

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: 1 / 1 /
 Test conducted by: Trefley J. Ruzic
 Others present: _____

Well Name: <u>MONUMENT STATE 22-2-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SE/SW</u> Sec: <u>2</u> T <u>9</u> N <u>(S)</u> R <u>17(E)</u> W	County: <u>Lincoln</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1150</u> psig	psig	psig
End of test pressure	<u>1150</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1000</u> psig	psig	psig
5 minutes	<u>1000</u> psig	psig	psig
10 minutes	<u>1000</u> psig	psig	psig
15 minutes	<u>1000</u> psig	psig	psig
20 minutes	<u>1000</u> psig	psig	psig
25 minutes	<u>1000</u> psig	psig	psig
30 minutes	<u>1000</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input 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: _____

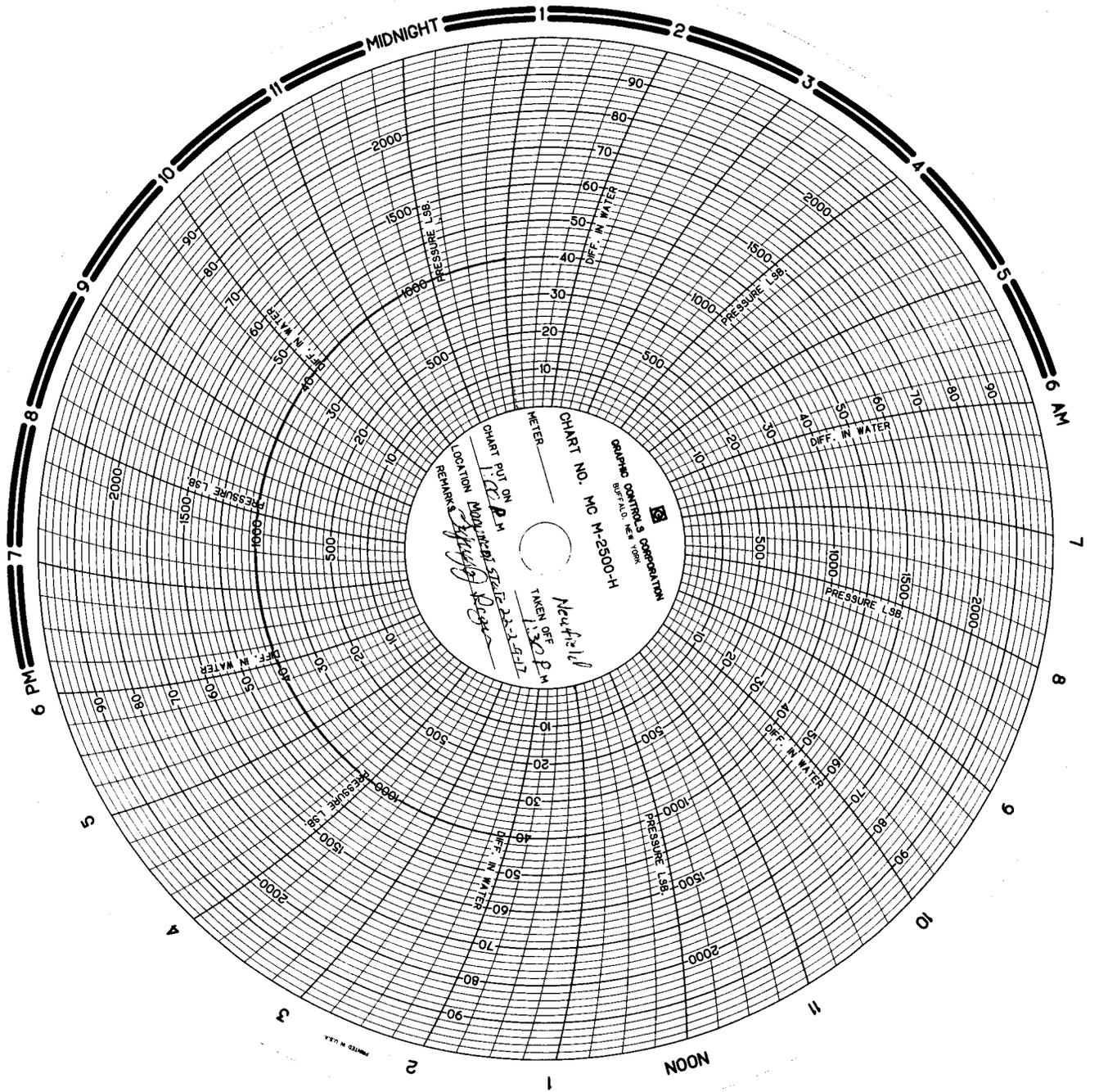


CHART NO. MC-M-25500-H
METER _____
TAKEN AT _____
LOCATION _____
DATE _____
BY _____
REMARKS _____

PRINTED IN U.S.A.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
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 22-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732610

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: 1980 FNL 1980 FWL COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 2, T9S, R17E STATE: UT

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

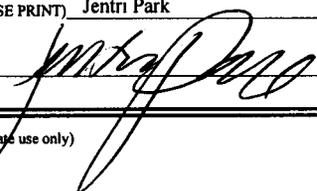
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> 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: 01/04/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Recompletion/MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was re-completed in the Green River Formation. One new intervals were perforated, the CP1 sds @ 5558'-5576' all w/4 JSPF for a total of 72 shots. Frac CP1 sds w/ 40,240# of 20/40 sand in 338 bbls of lightning 17 frac fluid. Packer @ 4691' On 11-6-06 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above list well. Permission was given at that time to perform the test on 12-20-06. On 12-20-06 the csg was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 800 psig during the test. There was not a State representative available to witness the test.

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 01/04/2007

(This space for State use only)

RECEIVED

JAN 08 2007

DIV OF OIL, GAS & MINING



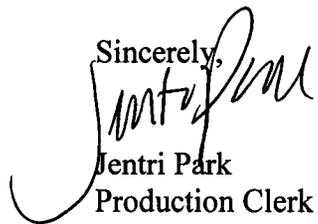
January 4, 2007

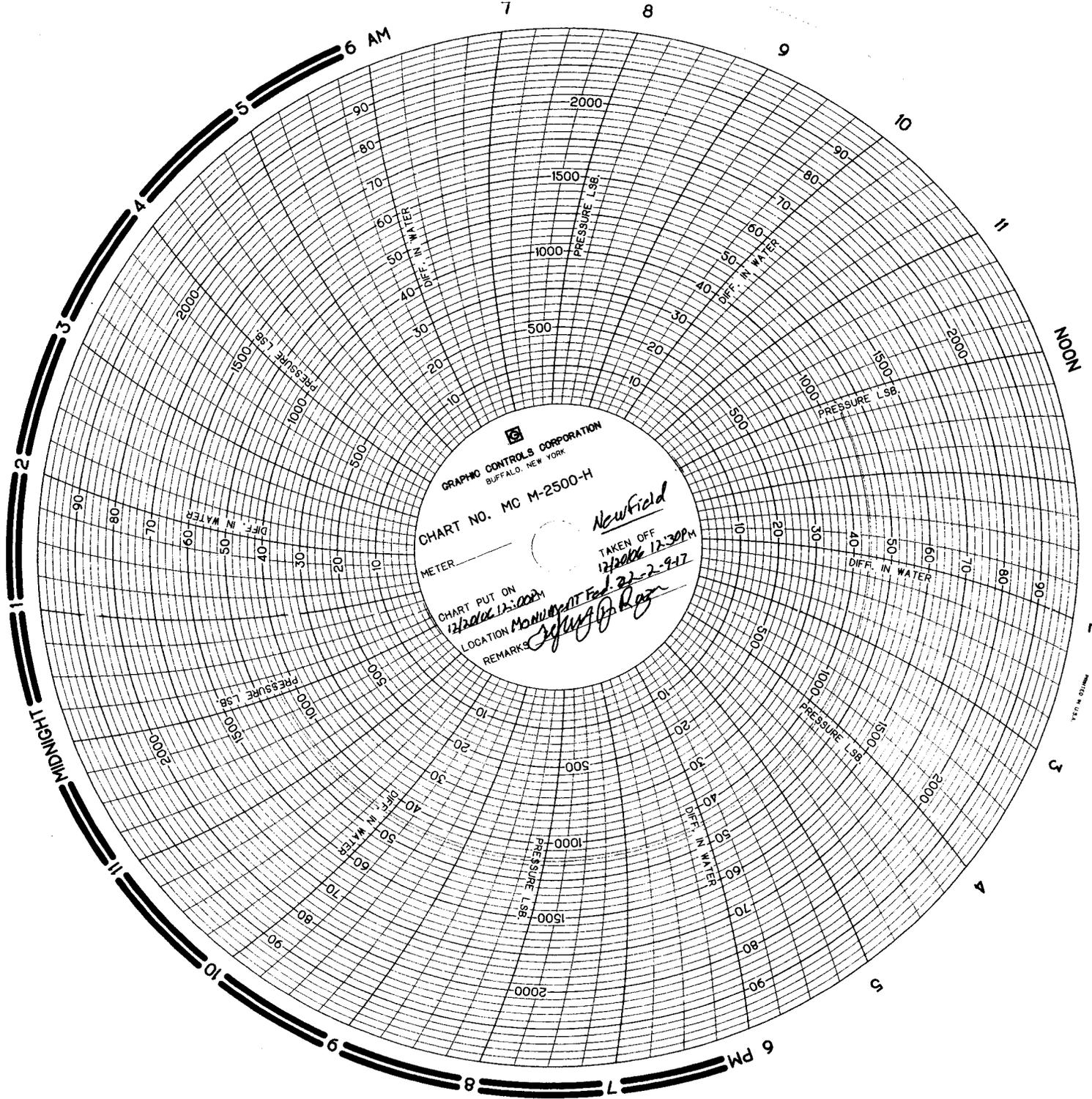
Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-Completion, MIT
Monument State 22-2-9-17
Sec.2, T9S, R17E
API #43-047-32610

Mr. Brad Hill:

An MIT was conducted on the above listed well. Please find enclosed the sundry, tabular sheet, and a copy of the chart. If you have any questions please call me at 435-646-4843.

Sincerely,

Jentri Park
Production Clerk



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: 12 / 20 / 06
 Test conducted by: Trefley J. Ruzar
 Others present: _____

Well Name: <u>MONUMENT Federal 22-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>SE 1/4</u> Sec: <u>2</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>UTAH</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: _____	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>800</u> psig	psig	psig
End of test pressure	<u>800</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1100</u> psig	psig	psig
5 minutes	<u>1100</u> psig	psig	psig
10 minutes	<u>1100</u> psig	psig	psig
15 minutes	<u>1100</u> psig	psig	psig
20 minutes	<u>1100</u> psig	psig	psig
25 minutes	<u>1100</u> psig	psig	psig
30 minutes	<u>1100</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-45555

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MONUMENT ST 22-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732610

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: 1980 FNL 1980 FWL
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 2, T9S, R17E

COUNTY: UINTAH
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 checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/13/2007	<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 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 had workover procedures (tubing leak) performed on 06/18/07, attached is a daily status report.

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

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE *Jentri Park* DATE 07/13/2007

(This space for State use only)

RECEIVED
JUL 18 2007
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: 7/11/07
 Test conducted by: Trefley J. Ruzer
 Others present: _____

Well Name: <u>MONUMENT STATE 22-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>SE/SW</u> Sec: <u>2</u> T <u>9</u> N <u>17</u> E W County: <u>Vinton</u> State: <u>VT</u>		
Operator: <u>Newfield</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: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1000</u> psig	psig	psig
End of test pressure	<u>1000</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Daily Activity Report

Format For Sundry

MON 22-2-9-17**5/1/2007 To 9/30/2007****6/15/2007 Day: 1****Tubing Leak**

NC #3 on 6/14/2007 - MIRUSU. ND wellhead. NU BOP. RU rig floor. X- over to tbg eq. Release Pkr. Drop std valve down tbg. RU sandline & push std valve to SN. RU hot oiler & attempt to pressure test tbg to 3000 psi. Pump 50 bbls water down tbg @ 1500 psi. No test. Retrieve std valve. RD sandline & std valve. TOH inspecting & doping pins w/ 80- jts 2 7/8. Found hole in jt # 81. SDFD @ 6:00.

6/16/2007 Day: 2**Tubing Leak**

NC #3 on 6/15/2007 - 6:00-6:30 c/ travel. Cont TOH inspecting & doping pins w/ 69- jts 2 7/8 SN & Pkr. PU TIH w/ new Arrowset Pkr, SN, 149- jts 2 7/8. Changed out 40- 2 7/8 collars. Pressure tes tbg to 3000 psi for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline & std valve. RD rig floor. ND BOP. NU wellhead. Pump 20 gallons pkr fluid & 50 bbls fresh water. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Pressure test csg & Pkr to 1300 psi w/ 3 bbls fresh water for 1 hr. Leave pressure on csg & check on monday. SDFD @ 7:00. 7:00-7:30 c/ travel.

6/19/2007 Day: 3**Tubing Leak**

NC #3 on 6/18/2007 - Check pressure on csg. Pressure had dropped 600 psi. Pressure test csg to 1300 psi for 1 hr. Good test. RDMOSU @ 10:00. READY FOR MIT!!

7/12/2007 Day: 4**Tubing Leak**

Rigless on 7/11/2007 - On 6/13/07 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (MS 22-2-9-17). Permission was given at that time to perform the test on 7/11/07. On 7/11/07 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1000 psig during the test. There was not an EPA representative available to witness the test. UT# 20776-04276 API# 43-047-32610

Pertinent Files: Go to File List

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 22-2

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732610

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: **1980 FNL 1980 FWL**

COUNTY: **UINTAH**

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: **SENW, 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: 10/22/2007	<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.

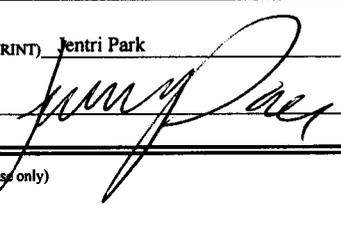
The above subject well had workover procedures (tubing leak) performed on 10/08/07, attached is a daily status report.

On 09/27/07 Nathan Wiser and Dan Jackson with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 10/18/07. On 10/18/07 the csg was pressured up to 13-90 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1040 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-04276 API# 43-047-32610

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

NAME (PLEASE PRINT) **Jentri Park**

TITLE **Production Clerk**

SIGNATURE 

DATE **10/22/2007**

(This space for State use only)

RECEIVED
OCT 24 2007
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON 22-2-9-17**8/1/2007 To 12/30/2007****10/5/2007 Day: 1****Tubing Leak**

Western #2 on 10/4/2007 - MIRU Western #2. Bleed well down. ND wellhead & PU on tbg--packer was still set. Release pkr & NU BOP. RU HO trk to tbg. Drop standing valve & pump to SN W/ 35 BW. Pressure up on tbg to 3000 psi. Leaks to zero in 3 minutes. TOH & LD tbg on trailer. LD pkr (looks good). MU new Weatherford Arrowset1-X pkr (W/ hardened steel slips & W.L. re-entry guide) and new SN. Talley, drift, PU & RIH W/ used/inspected BB 2 7/8 8rd 6.5# J-55 tbg. Broke each collar, inspected pins & applied Liquid O-ring to pins. Ran 50 jts tbg. SIFN.

10/6/2007 Day: 2**Tubing Leak**

Western #2 on 10/5/2007 - leed well down. Con't talley, PU & TIH W/ used/inspected BB 2 7/8 8rd 6.5# J-55 tbg. Broke each collar, inspected pins & applied Liquid O-ring to pins. Tbg detail as follows: Weatherford Arrowset1-X pkr (W/ hardened steel slips & W.L. re-entry guide), 2 7/8 SN & 148 jts used/inspected BB 2 7/8 8rd 6.5# J-55 tbg. Ran standing valve in SN and pressure test tbg as RIH. Final test held solid 3000 psi for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Baker Hughes WCW 87 & 5 gals X-Cide 370 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4735', CE @ 4740' & EOT @ 4744'. Land tbg W/ 16,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Lost 125 psi in 30 minutes. Re-pressure annulus to 1400 psi. Monitor over weekend. SDFD.

10/9/2007 Day: 3**Tubing Leak**

Western #2 on 10/8/2007 - Annulus pressure @ 850 psi. RU HO trk & bump pressure up to 1400 psi. Monitor pressure for 30 minutes W/ no leakoff. Leave pressure on well. RDMOSU. Well ready for MIT.

10/19/2007 Day: 4**Tubing Leak**

Rigless on 10/18/2007 - On 9/27/07 Dan Jackson and Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well (MS 22-2-9-17). Permission was given at that time to perform the test on 9/27/07. On 9/27/07 the csg was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1040 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-04276 API# 43-047-32610

Pertinent Files: Go to File List**RECEIVED****OCT 24 2007**

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10/18/07
 Test conducted by: Dele Giles
 Others present: _____

Well Name: <u>Mon. State 22-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Castle Draw Unit</u>		
Location: _____	Sec: <u>2</u> T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Uintah</u> State: <u>WY</u>
Operator: <u>Newfield production Co.</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1927</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1040</u> psig	psig	psig
End of test pressure	<u>1040</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1390</u> psig	psig	psig
5 minutes	<u>1390</u> psig	psig	psig
10 minutes	<u>1390</u> psig	psig	psig
15 minutes	<u>1390</u> psig	psig	psig
20 minutes	<u>1390</u> psig	psig	psig
25 minutes	<u>1390</u> psig	psig	psig
30 minutes	<u>1390</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: _____

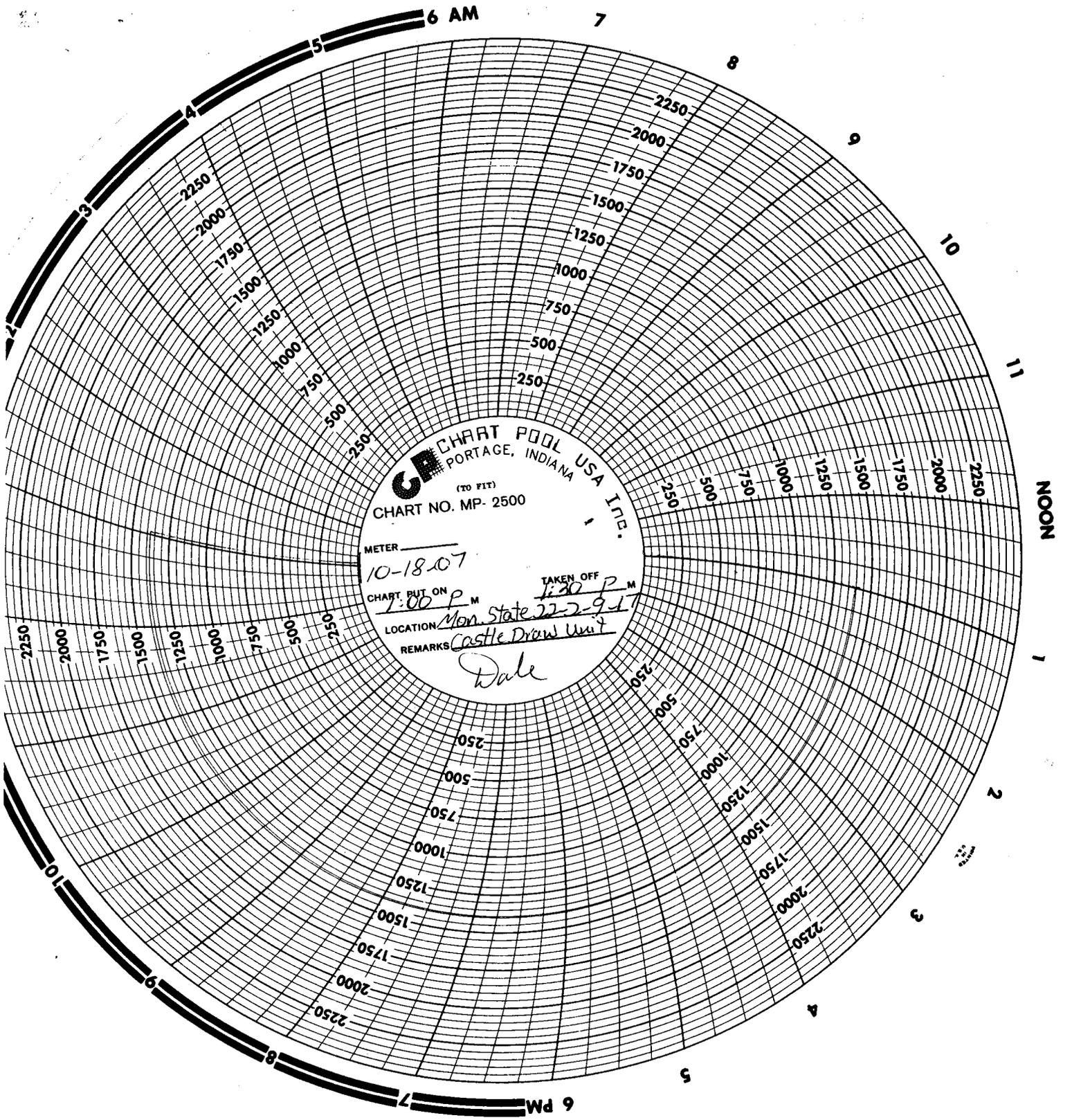


CHART POOL USA INC.
PORTAGE, INDIANA
(70 FT)
CHART NO. MP- 2500

METER _____
10-18-07
CHART PUT ON 1:00 P.M.
TAKEN OFF 1:30 P.M.
LOCATION Mon. State 22-9-1
REMARKS Castle Draw Unit
Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MONUMENT ST 22-2
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047326100000
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: UINTAH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 02 Township: 09.0S Range: 17.0E Meridian: S	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"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/10/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

On 09/06/2012 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/10/2012 the casing was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1860 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20776-04276

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 September 13, 2012

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/12/2012	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 9/10/12
 Test conducted by: Cody Vanderlinden
 Others present: _____

UT20776-04276

Well Name: <u>Monument State</u>	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: <u>22</u> Sec: <u>2</u> T <u>9</u> N <u>15</u> R <u>17</u> E W	County: <u>Uintah</u>	State: <u>UT</u>
Operator: <u>Newfield Production Co.</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: 74 bpd

Pre-test casing/tubing annulus pressure: _____ psig

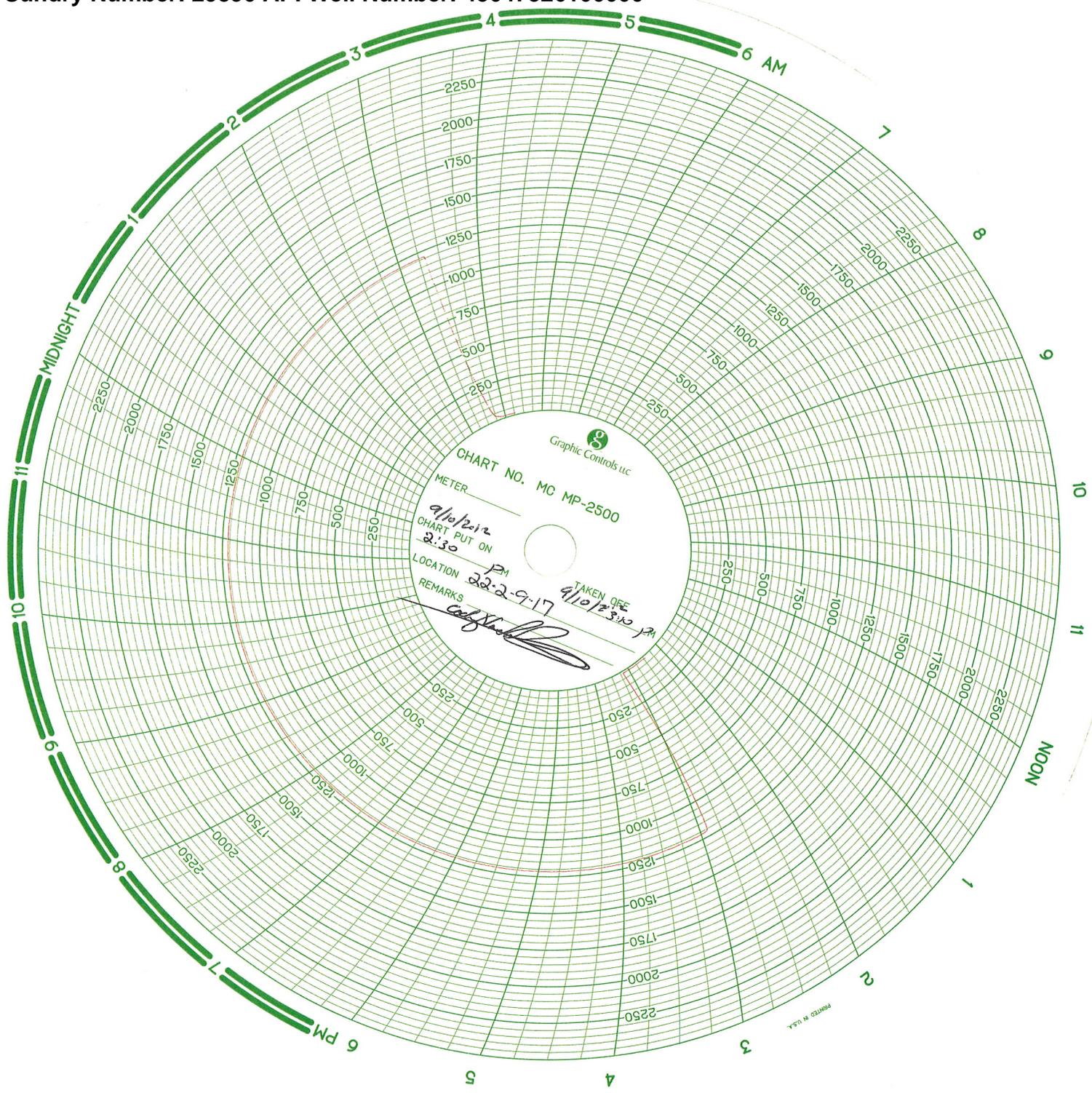
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1860</u> psig	psig	psig
End of test pressure	<u>1860</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</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: _____



PRINTED IN U.S.A.

Balcron Monument State #22-2-9-17

Spud Date: 3/6/95
 Put on Injection: 8/21/96
 GL: 5047' KB: 5057'

Initial Production: 101 BOPD.
 NMI/MCFPD: 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

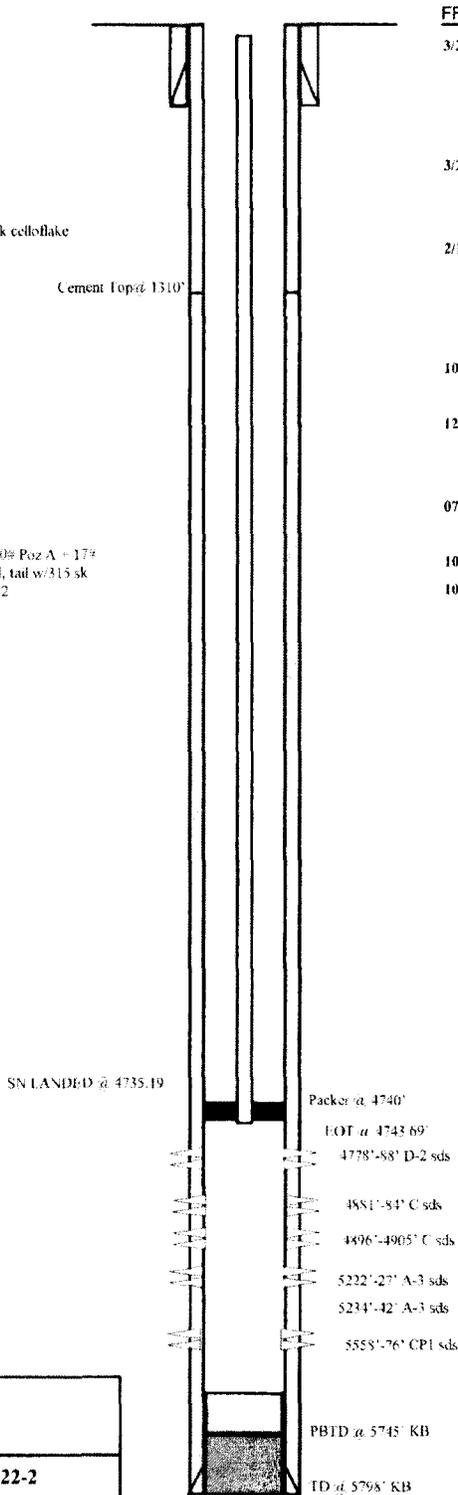
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 261.25' (6 jts)
 DEPTH LANDED: 271.25' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sk Class "G" + 2% CCl + 1/4#sk celloflake

PRODUCTION CASING

CSG 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 sk Super Class "G" + (17#G + 20# Poz A + 17#
 CSI + 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

SIZE/GRADE/WT: 2-7/8" J-55
 NO. OF JOINTS: 143 jts (4725.19')
 SN LANDED @: 4735.19'
 PACKER LANDED @: 4739.54'
 EOI 4.40 @: 4743.69'



FRAC JOB

3/21/95	5222'-5242'	2500 gal 2% KCl pad, 18,942 gal 2% KCl w/25,820# 20/40 & 37,000# 16/30 sand, flush w/5166 gal 2% KCl wtr. ISIP-3000, ATP-2700, ATR-30.9 bpm, 5 min-1610, 10 min-1470, 15 min-1350, 30 min-1320
3/23/95	4881'-4905'	2310 gal 2% KCl pad, 15,732 gal 2% KCl w/56,840# 16/30 sand. ATP-2400, ATR-31.6 bpm. ISIP-2450, 5 min-1940, 10 min-1590, 15 min-1520, 30 min-1390.
2/19/98	4778'-4788'	Frac w/40,400# 20/40 sd in 229 bbls Delta Frac. Perf broke dn @ 2746 psi. Treated @ avg press of 2020 psi w/ave rate of 20 bpm. ISIP: 2069 psi, 5 min. 1945 psi. Flowback on 12:64 ck for 3-1.2 hrs & died. Rec 126 BTF (est 42% of load).
10/22/06		Workover - Packer Leak - New pkr.
12/04/06	5558'-5576'	Frac w/ 40,240# 20/40 sd in 538 bbls of lightning 17 frac fluid. Treated w/ avg press of 2850 psi @ avg rate of 14.4 BPM. ISIP 1550 psi
07/11/07	Tubing Leak	Tubing detail updated
10/08/07		Tubing leak(MIT)
10/18/07		Tubing Leak. Updated rod & tubing details.

PERFORATION RECORD

3/20/95	5234'-5242'	4 JSPF (8 ft)	32 holes
3/20/95	5222'-5227'	4 JSPF (5 ft)	20 holes
3/23/95	4896'-4905'	4 JSPF (9 ft)	36 holes
3/23/95	4881'-4884'	4 JSPF (3 ft)	12 holes
2/19/98	4778'-4788'	4 JSPF (10 ft)	40 holes
12/04/06	5558'-5576'	4 JSPF (18 ft)	72 holes

NEWFIELD

BALCRON MONUMENT STATE 22-2
 1980 FNL 1980 FWL
 SE/NW Section 2, T09S R17E
 Uintah Co, Utah
 API #43-047-32610; LEASE #ML-45555