

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



5. Lease, Designation and Serial Number:
State #ML-42156
6. If Indian, Allottee or Tribe Name:

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. Type of Work: DRILL DEEPEN
B. Type of Well: OIL GAS OTHER: SINGLE ZONE MULTIPLE ZONE

7. Unit Agreement Name:
n/a
8. Farm or Lease Name:
Balcron State

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

9. Well Number:
41-36Y

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

10. Field and Pool, or Wildcat:
Undesignated, Grn. River

4. Location of Well (Footages)
At Surface: 660' FNL, 660' FEL
At Proposed Producing Zone:

11. Ctr/Ctr, Section, Township, Range, Meridian:
NE NE 36, T9S, R17E

14. Distance in miles and direction from nearest town or post office:
Approximately 22.5 miles SE 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:
5,300'

20. Rotary or cable tools:
Rotary

21. Elevations (show whether DF, RT, GR, etc.):
GL 5285'

22. Approximate date work will start:
4/10/95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J55	24#	260'	150 sx G
7-7/8"	5-1/2"	15.50#	5,300'	250 sx Thrifty Lite, 400 sx poz

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 plans to drill this well in accordance with the attached drilling program and casing design. Also attached are the survey plat, geologic prognosis, topo maps, HAZMAT declaration, rig layout, BOPE diagram, cut and fill diagram, and proposed production facility diagram.

A Federal Right-of-Way is necessary for a portion of the access and an application for that has been made.

An archeological survey has been ordered and will be submitted when that is completed.

24. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: 11-7-94

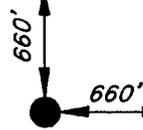
API Number Assigned: 43-047-32564 Approval: DATE: 12/19/94 BY: J.A. Matthews WELL SPACING: R649-3-2

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

S89°57'W (G.L.O.) Basis of Bearings
2645.94' - Measured

N89°57'E - 40.09 (G.L.O.)

WELL LOCATION:
BALCRON STATE #41-36Y
ELEV. UNGRADED GROUND = 5285'



N0°01'W (G.L.O.)

36

NORTH (G.L.O.)

N89°56'E (G.L.O.)



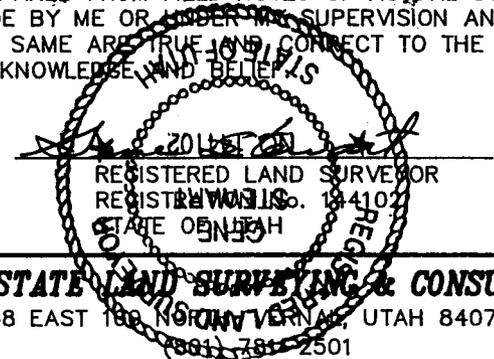
= SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (CROW KNOLL)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON STATE #41-36Y,
LOCATED AS SHOWN IN THE NE 1/4 NE 1/4
OF SECTION 36, T9S, R17E, S.L.B.&M.
UINTAH COUNTY, UTAH.



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



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

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 10-11-94

WEATHER: COOL

NOTES:

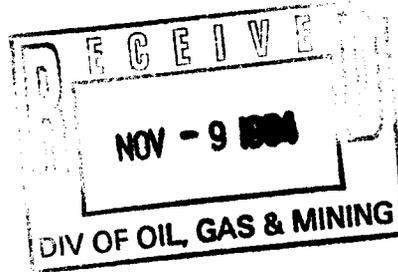
FILE #41-36Y



**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

November 7, 1994

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

Gentlemen:

RE: Balcron State #41-36Y
NE NE Section 36, T9S, R17E
Uintah County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

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

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

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosure

CONFIDENTIAL

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

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Balcron State 41-36Y
Project ID:	Location: Uintah Co., Utah

Design Parameters:

Mud weight (9.00 ppg) : 0.468 psi/ft
 Shut in surface pressure : 1948 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:

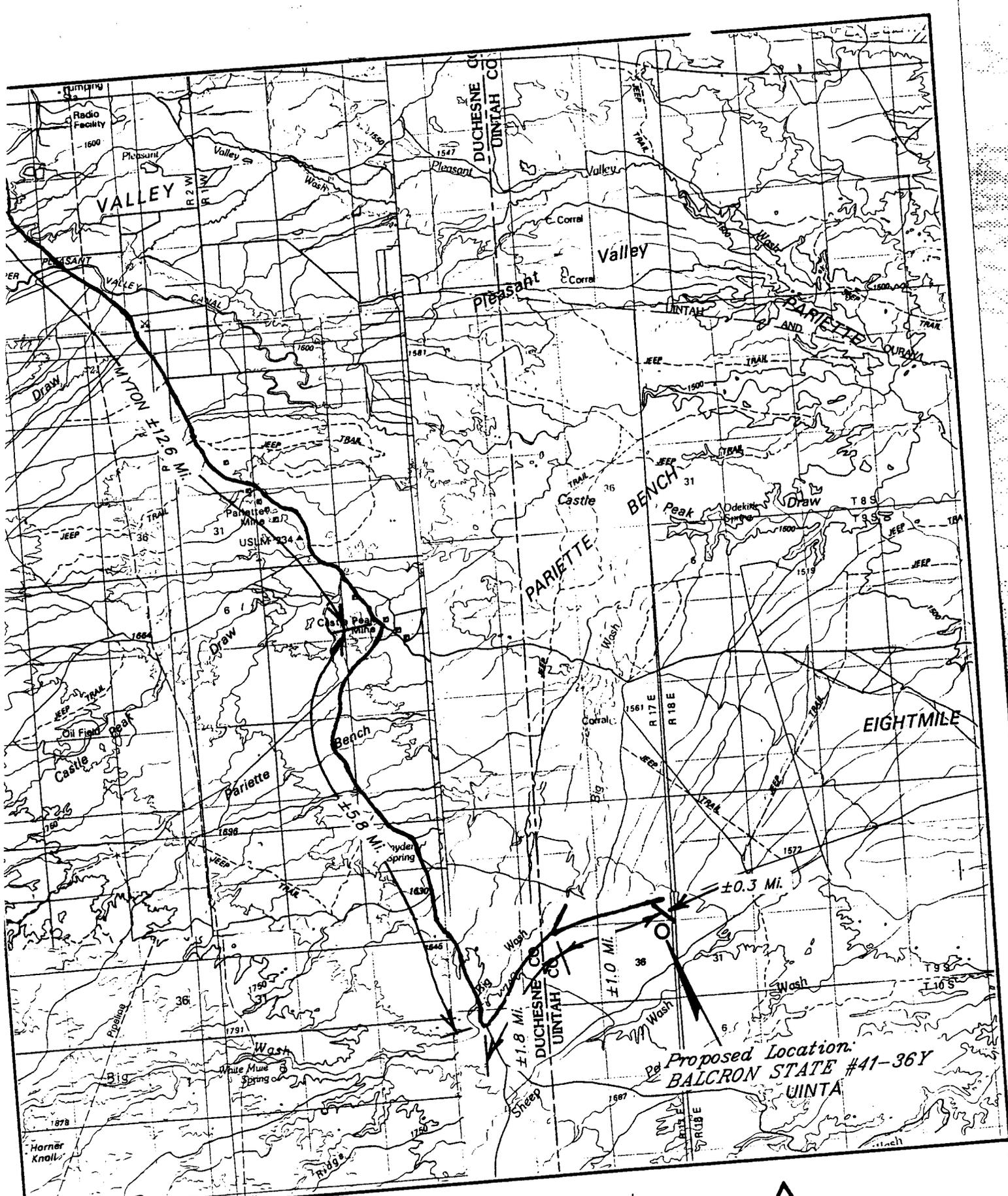
Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,300	5-1/2"	15.50	K-55	ST&C	5,300	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2478	4040	1.630	2478	4810	1.94	82.15	222	2.70 J

Prepared by : McCoskery, Billings, MT
 Date : 11-07-1994
 Remarks :

Minimum segment length for the 5,300 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,478 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)

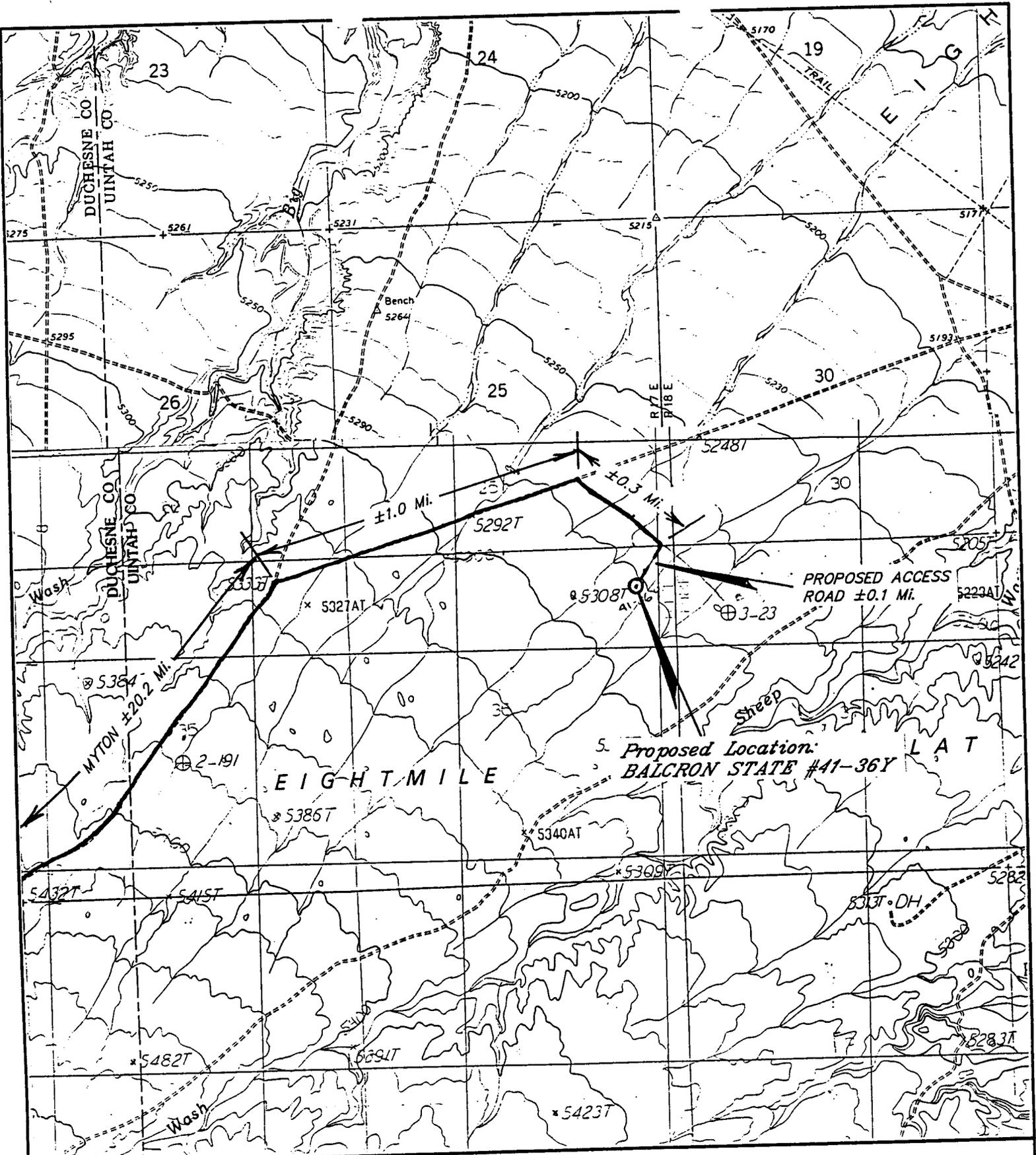


EQUITABLE RESOURCES CO.

BALCRON STATE #41-36Y
 SECTION 36, T9S, R17E, S.L.B.&M.
 TOPO "A"



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



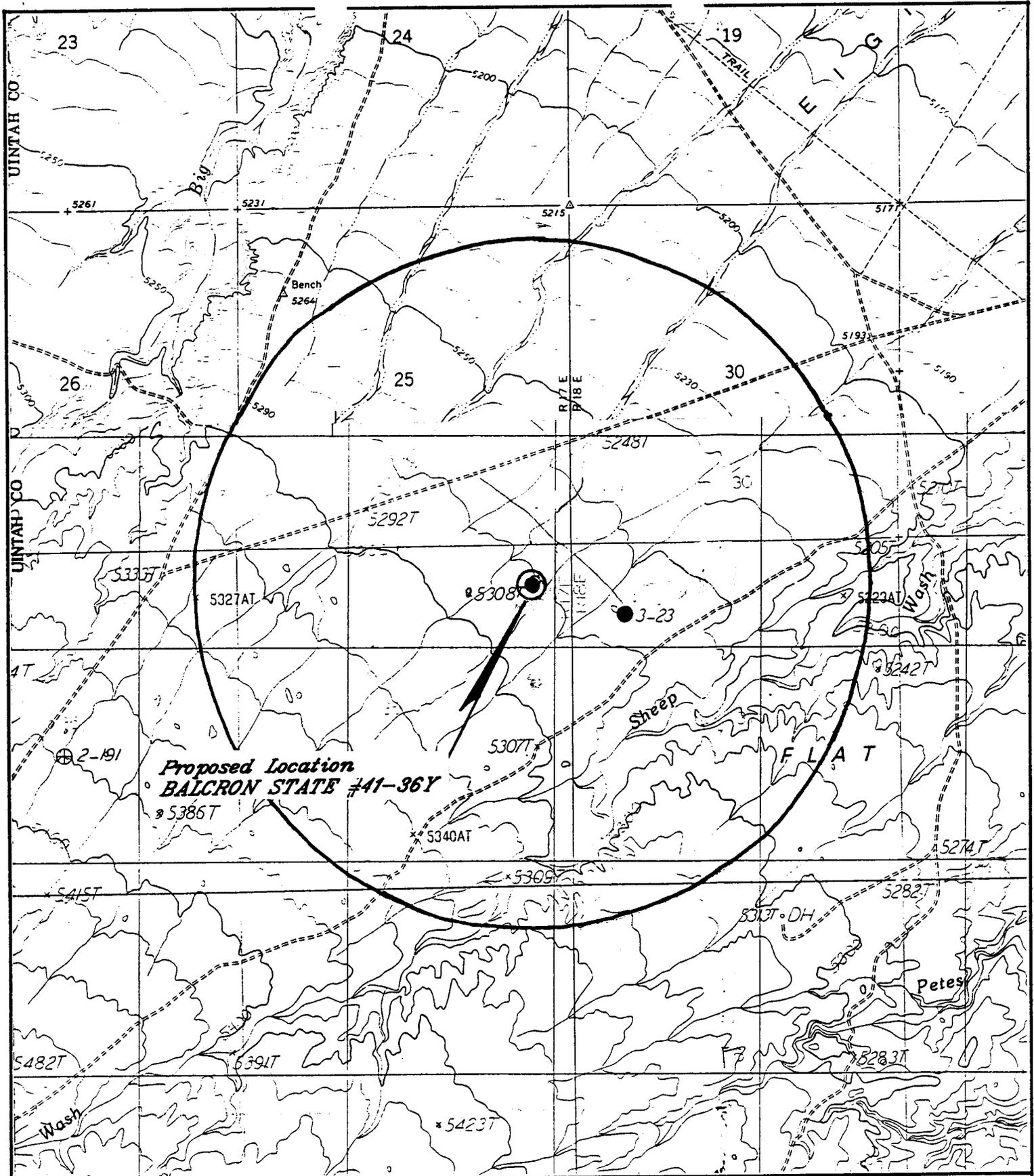
EQUITABLE RESOURCES CO.

BALCRON STATE #41-36Y
 SECTION 36, T9S, R17E, S.L.B.&M.
 TOPO "B"



SCALE: 1" = 2000'

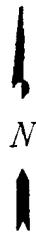
Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078



Proposed Location
BALCRON STATE #41-36Y
 5386T

EQUITABLE RESOURCES ENERGY CO.

BALCRON STATE #41-36Y
 SECTION 36, 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

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

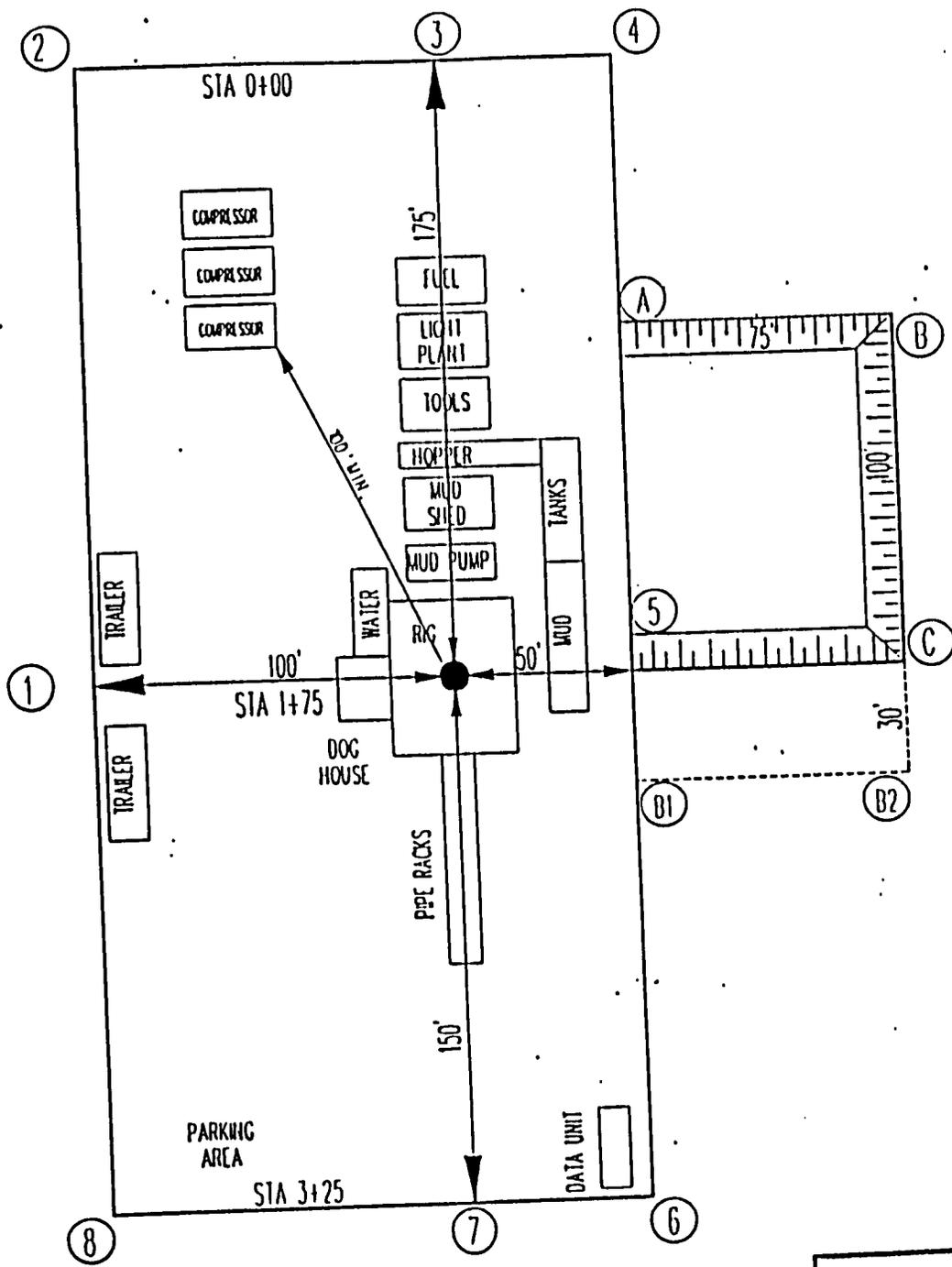
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

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

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

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

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



TRI-STATE
LND SURVEYING, INC.
 38 WEST 100 NORTH, VERMIL, UTAH 84078
 801-781-2201

UNION DRILLING RIG #17 Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RM. PIPE RM

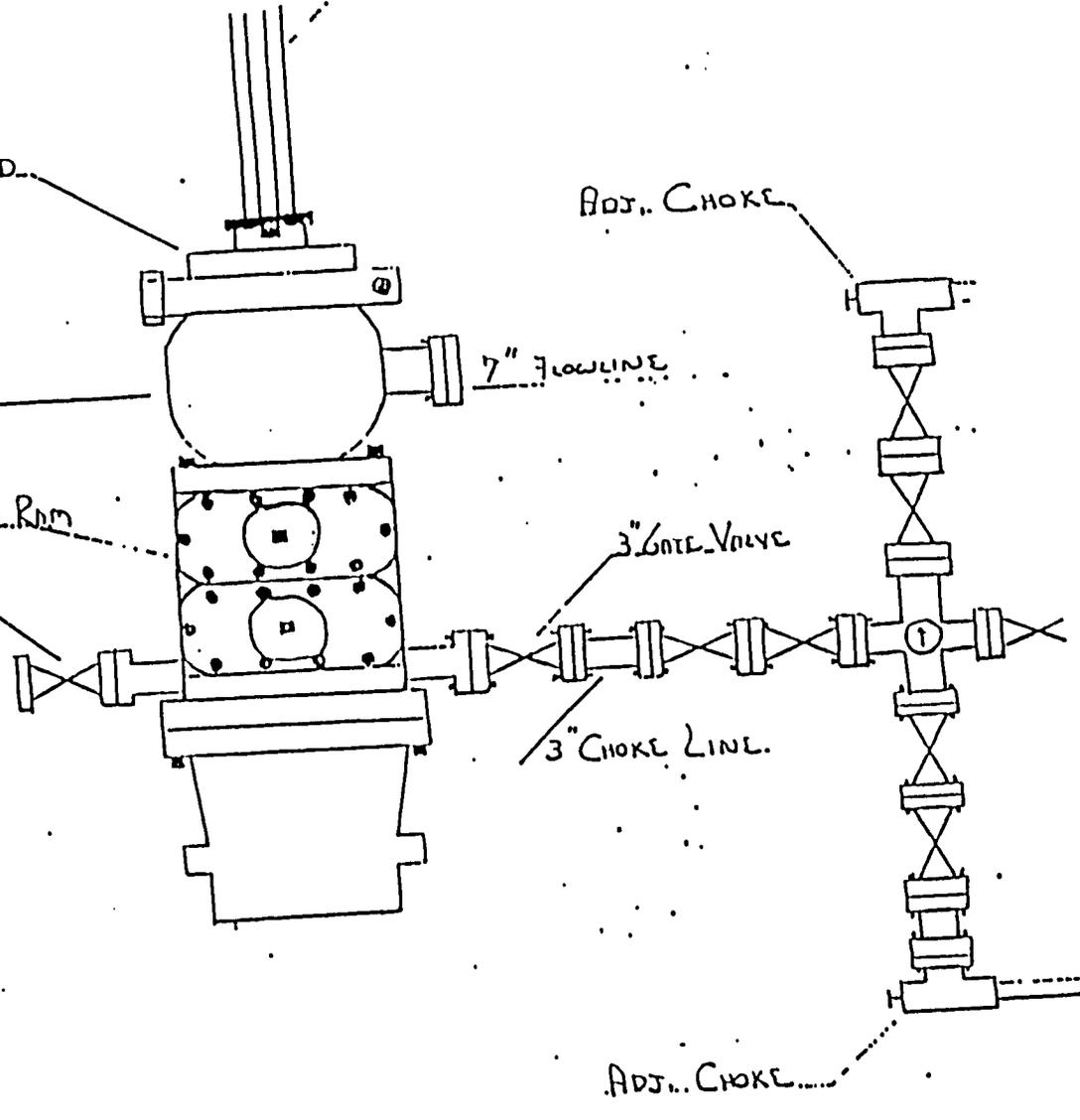
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

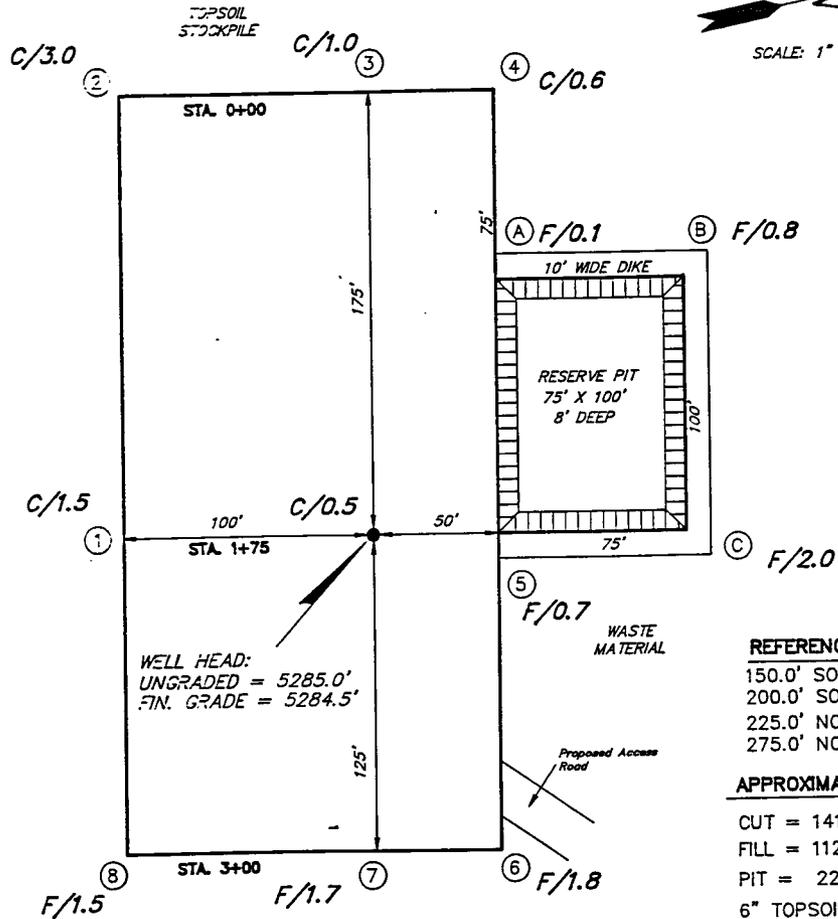
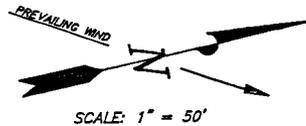
ADJ. CHOKE

#3000 STACK



EQUITABLE RESOURCES ENERGY CO.

BALCRON STATE #41-36Y
SECTION 36, T9S, R17E, S.L.B.&M.

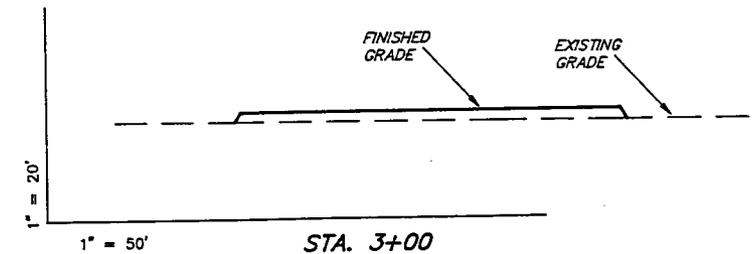
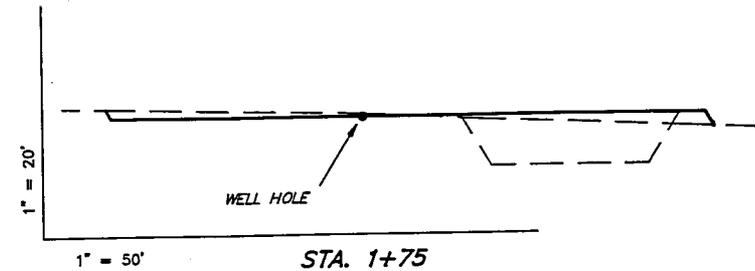
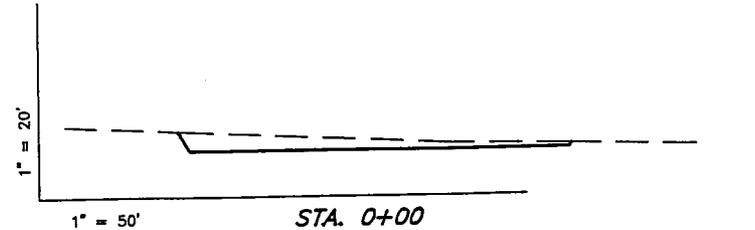


REFERENCE POINTS

150.0' SOUTHWEST 5286.5'
200.0' SOUTHWEST 5286.5'
225.0' NORTHWEST 5286.1'
275.0' NORTHWEST 5286.5'

APPROXIMATE YARDAGES

CUT = 1410 Cu. Yds.
FILL = 1120 Cu. Yds.
PIT = 2220 Cu. Yds.
6" TOPSOIL = 970 Cu. Yds.



SURVEYED BY: G.S. G.H.

DRAWN BY: R.H.

DATE: 10-14-94

SCALE: 1" = 50'

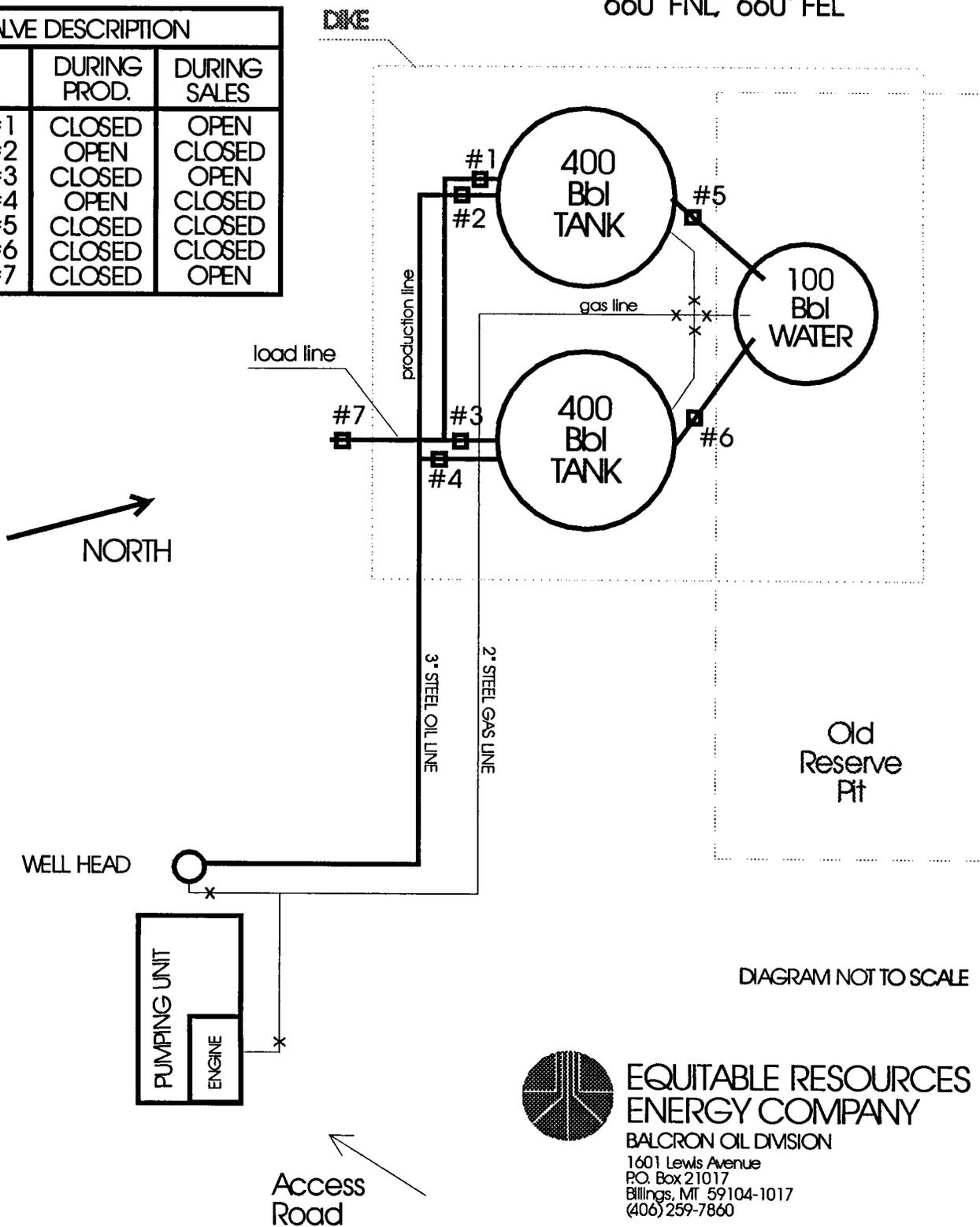
FILE: #41-36Y

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

Equitable Resources Energy Company
 Balcron State 41-36Y
 Proposed Production Facility Diagram

Balcron State 41-36Y
 NE NE Sec. 36, T9S, R17E
 Uintah County, Utah
 State Lease #ML-42156
 660' FNL, 660' FEL

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



**EQUITABLE RESOURCES
 ENERGY COMPANY**
 BALCRON OIL DIVISION
 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/09/94

API NO. ASSIGNED: 43-047-32564

WELL NAME: BALCRON STATE 41-36Y
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NENE 36 - T09S - R17E
SURFACE: 0660-FNL-0660-FEL
BOTTOM: 0660-FNL-0660-FEL
UINTAH COUNTY
EIGHT MILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: 11/27/94

TECH REVIEW	Initials	Date
Engineering	JMM	12/19/94
Geology	DJ	12/19/94
Surface	DL	12/13/94

LEASE TYPE: STA
LEASE NUMBER: ML-42156

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal[] State[] Fee[]
(Number 5547188)

Potash (Y/N)

Oil shale (Y/N)

Water permit
(Number JOE SHIELDS WELL)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

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

COMMENTS: _____

CONFIDENTIAL
PERIOD
EXPIRED
10-5-96

STIPULATIONS: _____

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY CO.
NAME: BALCRON STATE 41-36Y
SECTION: 36 TWP: 9S RNG: 17E LOC: 660' FNL 660' FEL
QTR/QTR NE/NE COUNTY: UINTAH FIELD: UNDESIGNATED
SURFACE OWNER: STATE OF UTAH
SURFACE AGREEMENT: AS PER STATE LANDS
SPACING: 660 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 11:30 AM

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

REGIONAL SETTING/TOPOGRAPHY: SITE IS ON A HUGE FLAT STRETCHING ONE MILE OR MORE IN ALL DIRECTIONS.

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 CLAY LOAM.

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

EROSION/SEDIMENTATION/STABILITY: NO EROSION.
SEDIMENTATION AND STABILITY SHOULD NOT BE A PROBLEM.

PALEONTOLOGICAL POTENTIAL: NONE

SUBSURFACE GEOLOGY

**OBJECTIVES/DEPTHS: GREEN RIVER FORMATION, B1 SANDS AND
UTELAND BUTTE LIME--5300' 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 LINER WILL NOT 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 NORTH SIDE OF
LOCATION.**

ATTACHMENTS

PHOTOGRAPHS WILL BE PLACED ON FILE.

COMMENTS:

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



THE WESTERN COMPANY CEMENT JOB DETAIL SHEET

CUSTOMER: <i>Calmar</i>		DATE: <i>3-2</i>	F.R.#: <i>320316</i>	SER. SUP: <i>D. Bailey</i>	TYPE JOB: <i>P 30</i>								
LEASE & WELL NAME-OCSSG: <i>Calmar L.D. 41-364</i>			LOCATION: <i>Union</i>		COUNTY-PARISH-BLOCK: <i>DUMAS 07</i>								
DISTRICT: <i>Union</i>		DRILLING CONTRACTOR RIG #: <i>17</i>		OPERATOR: <i>Union</i>									
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP BTM						SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
①	70 Sks "G" + 2 1/2" hi-seal 2, 1/4" hi-seal						15.8	1.14	4.76	2:30	14.2	8.3	
②	48 Sks "C" + 2 1/2" hi-seal 2, 1/4" hi-seal						15.8	1.14	4.76	2:30	7.7	5.7	
③	52 Sks "G" + 2 1/2" hi-seal 2, 1/4" hi-seal, 3% PAC 62						15.8	1.14	4.76	1:00	10.5	6.1	
④	45 Sks "B" + 2 1/2" hi-seal 2, 1/4" hi-seal, 2% PAC 62						15.8	1.14	4.76	1:30	9.1	5.3	
Available Mix Water _____ Bbl.		Available Displ. Fluid _____ Bbl.				TOTAL							
HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
8 1/2		4775	4 1/2	16.6	XH	4775	-	-	-	-	-	-	-
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.	
8 1/2	24	J-55	288				-	-	4 1/2	XH	MUD	8.6	
CAL. DISPL. VOL-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG	CSG	CSG	TOTAL	BUMP PLUG	TO REV	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
67.6	62.4	22.7	2.8	-	-	-	-	-	-	-	MUD	8.6	R17
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:													
PRESSURE/RATE DETAIL						EXPLANATION							
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input type="checkbox"/>							
	PIPE	ANNULUS				TEST LINES				PSI 1500			
						CIRCULATING WELL-RIG <input type="checkbox"/> WPS <input checked="" type="checkbox"/>							
3:23	-	-	5	-	H ₂ O	START H ₂ O D.P.C. 4775							
3:25	-	-	-	10	H ₂ O	END H ₂ O (Plug #2 - 4775 - 4775')							
3:28	-	-	3.5	-	MUD	START MUD							
3:31	-	-	6	14.2	MUD	END MUD START H ₂ O							
3:32	-	-	6	2.8	H ₂ O	END H ₂ O START MUD							
3:40	-	-	-	64.8	MUD	END MUD pump to 4343'							
4:05	-	-	4	-	H ₂ O	START H ₂ O (Plug #2 4343' - 4443')							
4:08	-	-	-	10	MUD	END H ₂ O START MUD							
4:13	50	-	6	9.7	MUD	END MUD START H ₂ O							
4:14	100	-	7	2.8	H ₂ O	END H ₂ O START MUD							
4:21	-	-	-	57.6	MUD	END MUD pump to 1761'							
6:17	150	-	4	-	H ₂ O	START H ₂ O (Plug #3 1761' - 1861')							
6:23	150	-	4	10	MUD	END H ₂ O START MUD							
6:26	200	-	4	10.5	MUD	END MUD START H ₂ O							
6:27	200	-	9	2.8	H ₂ O	END H ₂ O START MUD							
6:30	-	-	-	17.7	MUD	END MUD P.O.C.H 4910 W.A.C.							
10:41	200	-	5	-	H ₂ O	START H ₂ O (Rig + Plug #3)							
10:45	200	-	4	10	MUD	END H ₂ O START MUD D.P.C. 1730'							
10:47	200	-	4	9.1	MUD	END MUD START H ₂ O							
10:48	200	-	7	2.8	H ₂ O	END H ₂ O START MUD							
10:50	-	-	-	17.7	MUD	END MUD							
BUMPED PLUG	PSI TO BUMP	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. <i>D. Bailey</i>						
<input checked="" type="checkbox"/> N	-	<input checked="" type="checkbox"/> N			-	0	CUSTOMER REP <i>AI Munkatt</i>						



THE WESTERN COMPANY CEMENT JOB DETAIL SHEET

CUSTOMER <i>Calman</i>	DATE <i>5-2</i>	F.B.# <i>320874</i>	SER. SUP. <i>D. Bailey</i>	TYPE JOB <i>PTA</i>
LEASE & WELL NAME OCSG <i>Millon P.D. 41-347</i>	LOCATION		COUNTY-PARISH-BLOCK <i>Union UT</i>	
DISTRICT <i>Union</i>	DRILLING CONTRACTOR RIG # <i>17</i>		OPERATOR <i>Union</i>	

MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE		SQ MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES					
	TOP BTM						SLURRY WGT PPG	SLURRY YLD FT	WATER GFS	PUMP TIME HR-MIN	Bbl SLURRY	Bbl MIX WATER
<i>45 SKS "G" + 2 1/4" H. S. 2, 1/4" H. S. 2 + 2 1/2" CALLZ</i>							15.8	1.14	4.76	2:00	7.1	5.3
<i>60 SKS "G" MUD (SULFATE)</i>							15.8	1.14	4.76	3:00	12.2	7
<i>75 SKS "G" MUD + 3 1/2" CALLZ (SULFATE)</i>							15.8	1.14	4.76	1:00	3	1.8
<i>35 SKS "G" + 3 1/2" CALLZ</i>							15.8	1.14	4.76	1:00	7.1	4.1
<i>15 SKS "G" + 3 1/2" CALLZ</i>							15.8	1.14	4.76	1:00	3	1.8

Available Mix Water _____ Bbl. Available Displ. Fluid _____ Bbl. TOTAL _____

HOLE			TBG-CSG-D.P.				TBG-CSG-D.P.				COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
<i>8 1/2</i>	<i>-</i>	<i>4775</i>	<i>4 1/2</i>	<i>16.6</i>	<i>XH</i>	<i>4775</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
<i>8 7/8</i>	<i>24</i>	<i>J-55</i>	<i>288</i>	<i>-</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>4 1/2</i>	<i>XH</i>	<i>MUD</i>	<i>8.6</i>

CAL. DISPL. VOL.-Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SQ. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
<i>17.6</i>	<i>17.4</i>	<i>22.7</i>	<i>2.8</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>MUD</i>	<i>8.6</i>	<i>Rip</i>

EXPLANATION: TROUBLE SETTING TOOL. RUNNING CSG, ETC. PRIOR TO CEMENTING.

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR: MIN.	PRESSURE-PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES	PSI <i>1500</i>
<i>12:21</i>	<i>-</i>	<i>-</i>	<i>5</i>	<i>-</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>START H2O (plug #4 337'-237')</i>
<i>12:23</i>	<i>-</i>	<i>-</i>	<i>5</i>	<i>10</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>END H2O</i>
<i>12:25</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>12:28</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>7.1</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD</i>
<i>12:20</i>	<i>-</i>	<i>-</i>	<i>5</i>	<i>-</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>START DISP</i>
<i>12:27</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2.9</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>END DISP - back to G1'</i>
<i>12:40</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>START H2O (plug #5 G1'-0')</i>
<i>12:42</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>5</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>END H2O</i>
<i>12:44</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>12:50</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>6</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD mud to sulfate</i>
<i>12:50</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>1</i>	<i>H2O</i>	<input checked="" type="checkbox"/>	<i>DISP 100L P/L. CMT Fall</i>
<i>1:06</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>1:10</i>	<i>-</i>	<i>-</i>	<i>+</i>	<i>6</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD</i>
<i>1:18</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>1:22</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD W.O.C.</i>
<i>2:50</i>	<i>-</i>	<i>-</i>	<i>1.3</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>2:55</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>7</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD W.O.C.</i>
<i>6:27</i>	<i>-</i>	<i>-</i>	<i>1</i>	<i>-</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>START MUD</i>
<i>6:30</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>3</i>	<i>MUD</i>	<input checked="" type="checkbox"/>	<i>END MUD mud to sulfate</i>
<i>6:45</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<input checked="" type="checkbox"/>	<i>40' mud plug. to sulfate</i>
							<i>Release down job</i>
							<i>THIPS, DAPIRIN + others.</i>

BUMPED PLUG <i>Y N</i>	PSI TO BUMP PLUG <i>-</i>	TEST FLOAT EQUIP. <i>Y N</i>	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG <i>-</i>	SPOT TOP CEMENT <i>0</i>	SER. SUP. <i>D. Bailey</i>	CUSTOMER REP <i>Al Plunkett</i>
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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:
ML-42156

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

7. Unit Agreement Name:
n/a

8. Well Name and Number:
Balcron State #41-36Y

9. API Well Number:
not yet assigned

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

1. Type of Well: OIL GAS OTHER:

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

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

4. Location of Well
Footages: 660' FNL, 660' FEL
QQ, Sec., T., R., M.: NE NE Section 36, T9S, R17E

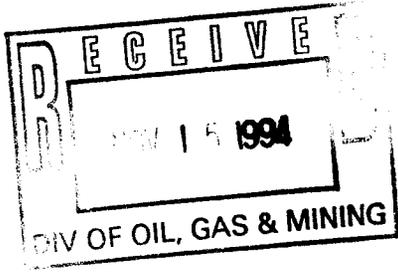
County: Uintah
State: UTAH

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 _____ Approximate date work will start _____	<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>Cultural resource survey</u> Date of work completion _____ Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.
<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

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.)

Attached is the Cultural Resource Evaluation for this proposed wellsite and access.



13. Name & Signature: Robbie Schuman Title: Regulatory and Environmental Specialist Date: 11/14/94
Robbie Schuman

(This space for State use only)

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

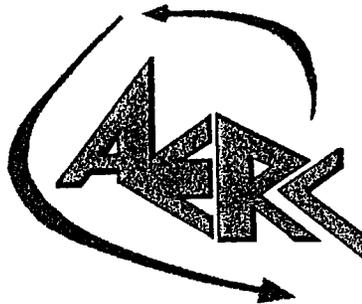
Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-94-54937
AERC Project 1449 (BLCR-94-9)

Utah State Project No.: UT-94-AF-710b

Principal Investigator
F. Richard Hauck, Ph.D.

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



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

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November 11, 1994

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of two proposed well locations (41-10Y and 41-36Y) and the access route associated with Unit 31-14Y. 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 24 acres, of which 20 acres are associated with the two well pads and an additional 4 acres are associated with three access road rights-of-way. These evaluations were conducted by F.R. Hauck and Glade Hadden of AERC on November 10, 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.



TABLE OF CONTENTS

	page
Abstract	ii
Table of Contents	iii
List of Maps of the Project Area	iv
General Information	1
Project Location	1
Environmental Description	5
Previous Research in the Locality	5
File Search	5
Prehistory and History of the Cultural Region.	5
Site Potential in the Project Development Zone	6
Field Evaluations	6
Methodology	6
Site Significance Criteria	7
Results of the Inventory	7
Conclusion and Recommendations	8
References	9

LIST OF MAPS OF THE PROJECT AREA

page

MAP 1: Cultural Resource Survey of Access Segment Associated with Unit 31-14Y in the Pariette Draw Locality of Uintah County, Utah	2
MAP 2: Cultural Resource Survey of Proposed Unit 41-10Y in the Castle Peak Draw Locality of Duchesne, County Utah	3
MAP 3: Cultural Resource Survey of Proposed Unit 41-36Y in the Eight Mile Flat Locality of Uintah County, Utah	4

GENERAL INFORMATION

On November 10, 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 two proposed well locations (Units 41-10Y and 41-36Y) and associated access roads including a segment of access into Unit 31-14Y. The project area is in the Pariette Draw, Castle Peak Draw, and Eight Mile Flat locality south east of Myton, Utah. Some 24 acres were examined which include 20 acres associated with two well pads and an additional 4 acres associated with the access routes into the locations. Portions of the access routes lying outside the ten acre well pad survey zones include .5 acres associated with Unit 41-10Y, .5 acres associated with Unit 41-36Y and .5 mile (3 acres) associated with a segment of the proposed access into Unit 31-14Y for a total of four acres. Unit 31-14Y access route and Unit 41-10Y location and access route are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. Unit 41-36Y is situated in a State Section administered by the Utah Division of State Lands and Forestry. Unit 31-14Y and a short segment of its access route are on private lands owned by Rex Lamb who has signed an archaeological waiver.

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

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

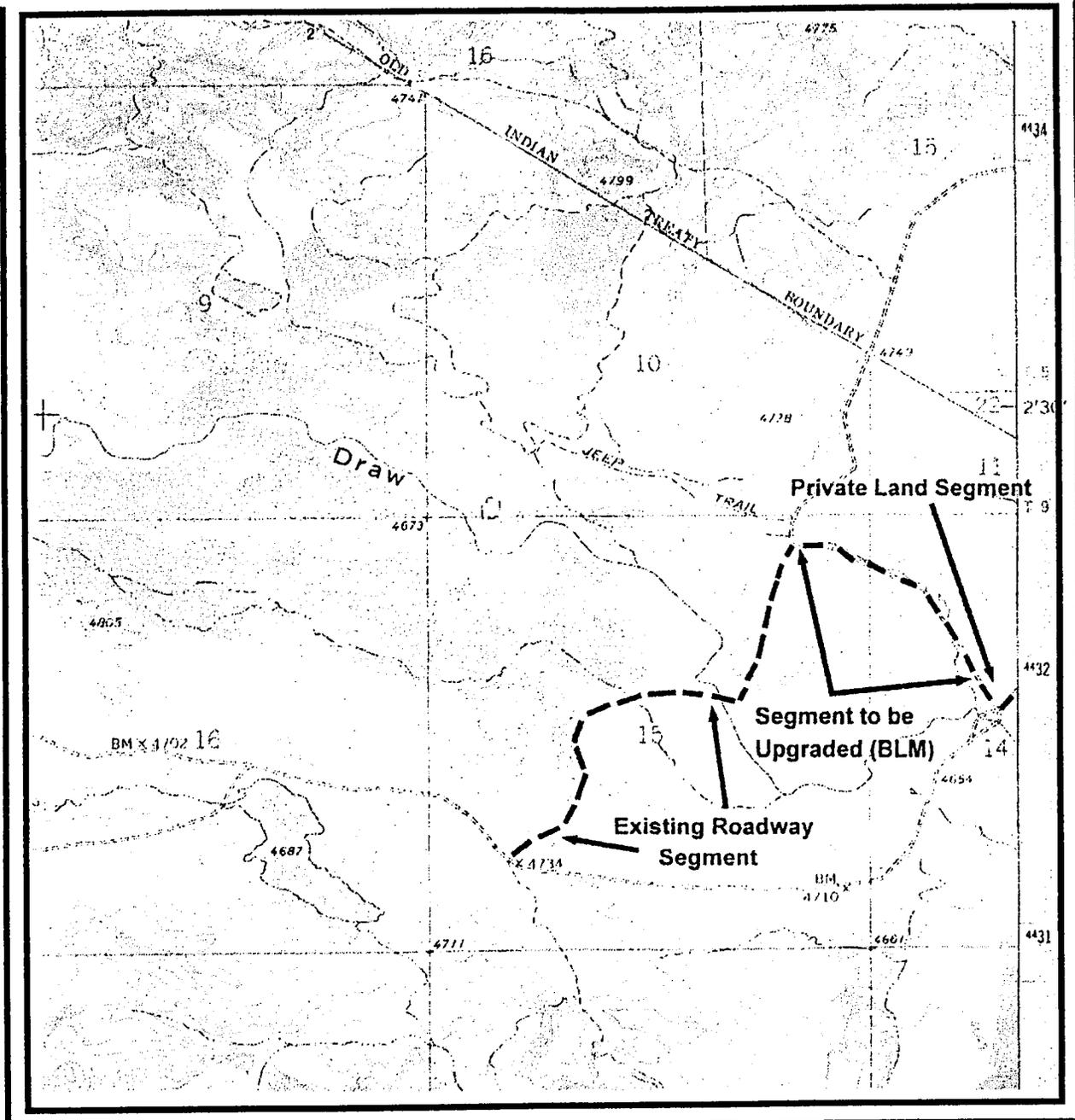
Project Location

The project location is in the Pariette Draw and Eight Mile Flat localities of Uintah County and the Castle Peak Draw locality of Duchesne County, Utah. The evaluated access road segment into Unit 31-14Y and the 41-10Y location are situated on the Uteland Butte and Myton SE 7.5 minute topographic quads. Unit 41-36Y is shown on the Nutters Hole 15 minute topographic quad (see Maps).

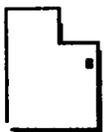
The segment of evaluated access route for Unit 31-14Y is situated in the NW 1/4 of Section 14 and the NE 1/4 of Section 15, Township 9 South, Range 19East (see Map 1).

**MAP 1: CULTURAL RESOURCE SURVEY
OF ACCESS SEGMENT ASSOCIATED
WITH UNIT 31-14Y IN THE PARIETTE
DRAW LOCALITY OF UINTAH CO., UT.**

PROJECT: BLCR-94-9
SCALE: 1:24,000
QUAD: Uteland Butte
DATE: 11-11-94



LEGEND:



UTAH

T. 9 South

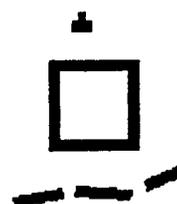
R. 19 East

Meridian: Salt Lake B & M

Well Location

**Ten Acre Survey
Plot**

Access Route



**MAP 2: CULTURAL RESOURCE SURVEY
OF PROPOSED UNIT 41-10Y IN THE
CASTLE PEAK DRAW LOCALITY OF
DUCHESNE COUNTY, UTAH**

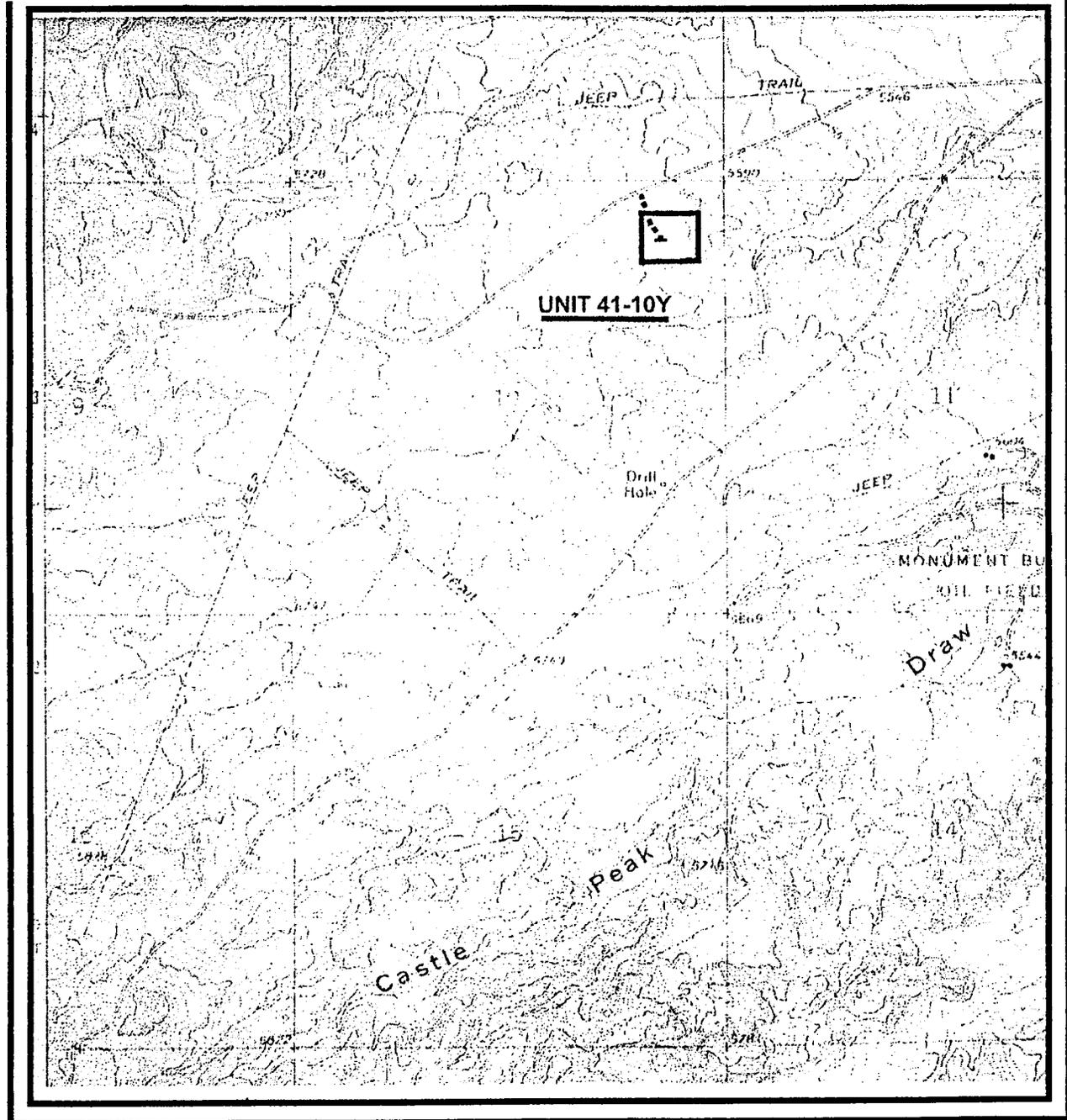
PROJECT: BLCR-94-9

3

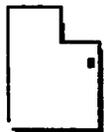
SCALE: 1:24,000

QUAD: Myton, SE

DATE: 11-11-94



LEGEND:



UTAH

T. 9 South

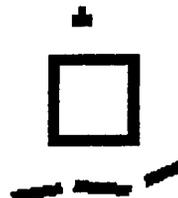
R. 16 East

Meridian: Salt Lake B & M

Well Location

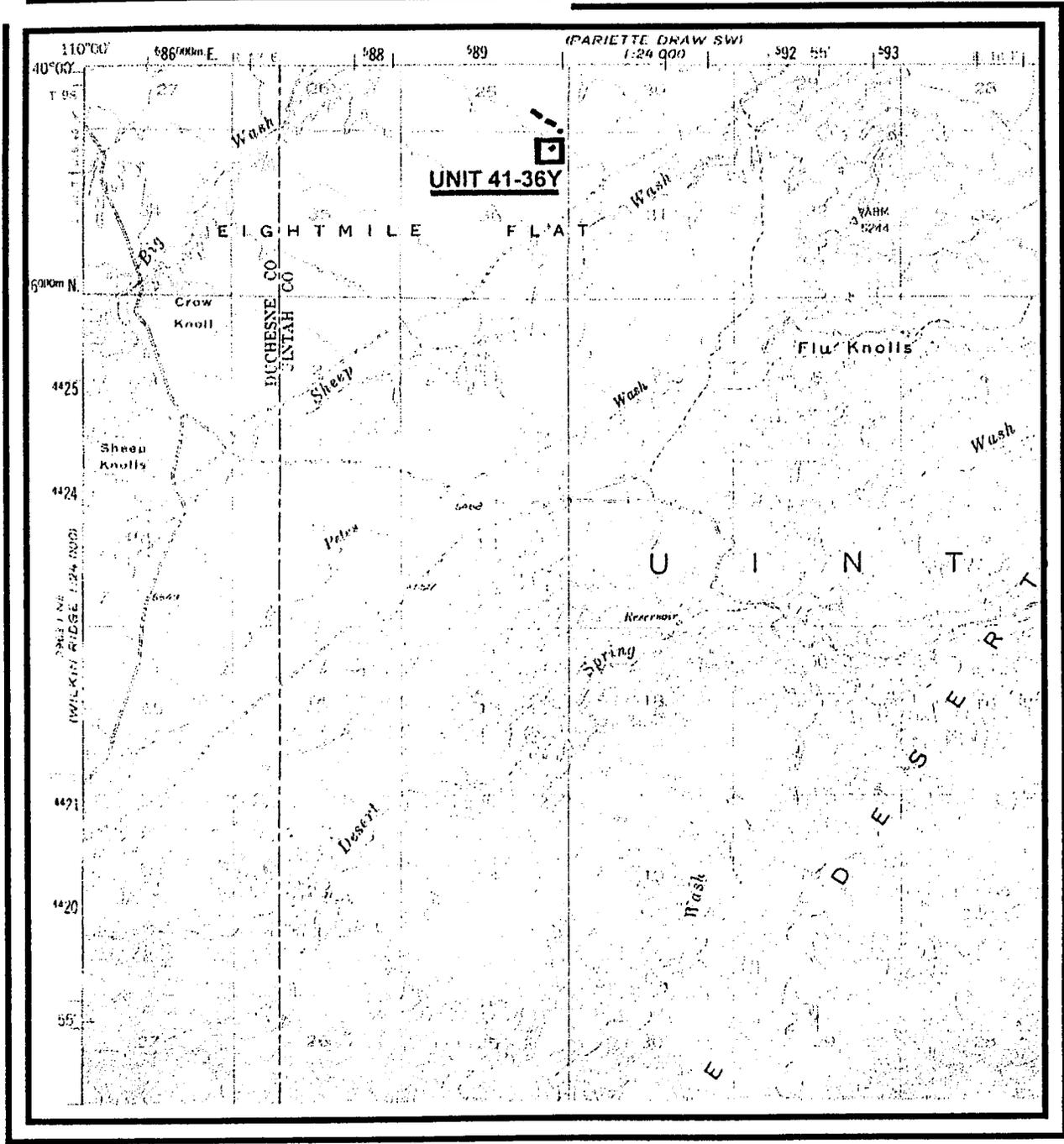
**Ten Acre Survey
Plot**

Access Route

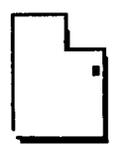


**MAP 3: CULTURAL RESOURCE SURVEY
OF PROPOSED UNIT 41-36Y IN THE
EIGHT MILE FLAT LOCALITY OF
UINTAH COUNTY, UTAH**

PROJECT: BLCR-94-9
SCALE: 1:62500
QUAD: Nutters Hole
DATE: 11-11-94



LEGEND:



UTAH

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

Ten Acre Survey Plot
Access Route



Unit 41-10Y is situated in the NE of the NE of Section 10, Township 9 South, Range 16 East (see Map 2).

Unit 41-36Y is situated on Utah State land in the NE of the NE of Section 36, Township 9 South, Range 17 East (see Map 3).

Environmental Description

The project area is within the 4650 to 5650 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 November 7, 1994. A similar search was conducted in the Vernal District Office of the BLM on November 10, 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. In addition, the associated access routes were surveyed by the archaeologists walking a pair of 10 to 15 meter-wide transects on each side of the flagged access route rights of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 1.6 acres) was examined for the various proposed access roads, in addition to the thirty acres inventoried on the well pads. The .5 mile segment of access route

on public lands for Unit 31-14Y that will require blading and was the only portion of the access into that location that was examined for cultural resource presence (see Map 1).

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. Several isolated flakes and heat-cracked cobble fragments were observed on the roadway corridor leading into Unit 31-14Y; a prehistoric short-term occupation or campsite may have been situated within the roadway that has subsequently been destroyed by blading activities and vehicle traffic. A detailed evaluation of the locality failed to yield any identifiable features or cultural contexts that would demonstrate the presence of an archaeological locus.

No paleontological materials or loci were observed during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of Balcron Units 41-10Y and 41-36Y or as a result of the development and traffic associated with the access route segment into Unit 31-14Y 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 two proposed drilling locations (41-10Y and 41-36Y) and the associated access routes into Units 31-14Y, 41-10Y, and 41-36Y 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.

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.



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 State #41-36Y Well, 660' FNL, 660' FEL, NE NE, Sec. 36, 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 State #41-36Y 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 43-047-32564.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth". The signature is stylized and written over a rectangular stamp area.

R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WO11



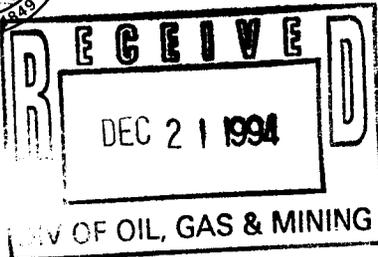
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:

2800
UTU-71281
(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

DEC 20 1994

Dear Ms. Searing:

This is in reference to State mineral lease 42156, located in Section 36 of T. 9 S., R. 17 E., SLM, Utah. Equitable Resources Energy Company has secured a Federal right-of-way from our office for access to well #41-36. 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 this well so that our records can be updated and the right-of-way terminated if necessary. Please reference our right-of-way serial number UTU-71281 in any future correspondence concerning this well. 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

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

SERIAL NUMBER UTU-71281

-
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
P.O. Box 21017
Billings, Montana 59104

receives a right to construct, operate, maintain, and terminate a access road to State well #41-36Y, OG Lease ML-42156, on public lands described as follows:

T. 9 S., R. 17 E., SLM, Utah
Sec. 25, S $\frac{1}{2}$ SE $\frac{1}{4}$.
 - b. The right-of-way area granted herein is 30 feet wide, 1,900 feet long and contains 1.31 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 November 15, 1994, 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 November 7, 1994. Any relocation, additional construction, or use that is not in accord with the approved application 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.

Sobbie Schuman

(Signature of Holder)

Regulatory and Environmental Specialist
(Title)

December 13, 1994

(Date)

Jon Knight

(Signature of Authorized
Officer)

Area Manager,
Diamond Mountain Resource Area
(Title)

DEC 16 1994

(Effective Date of Grant)

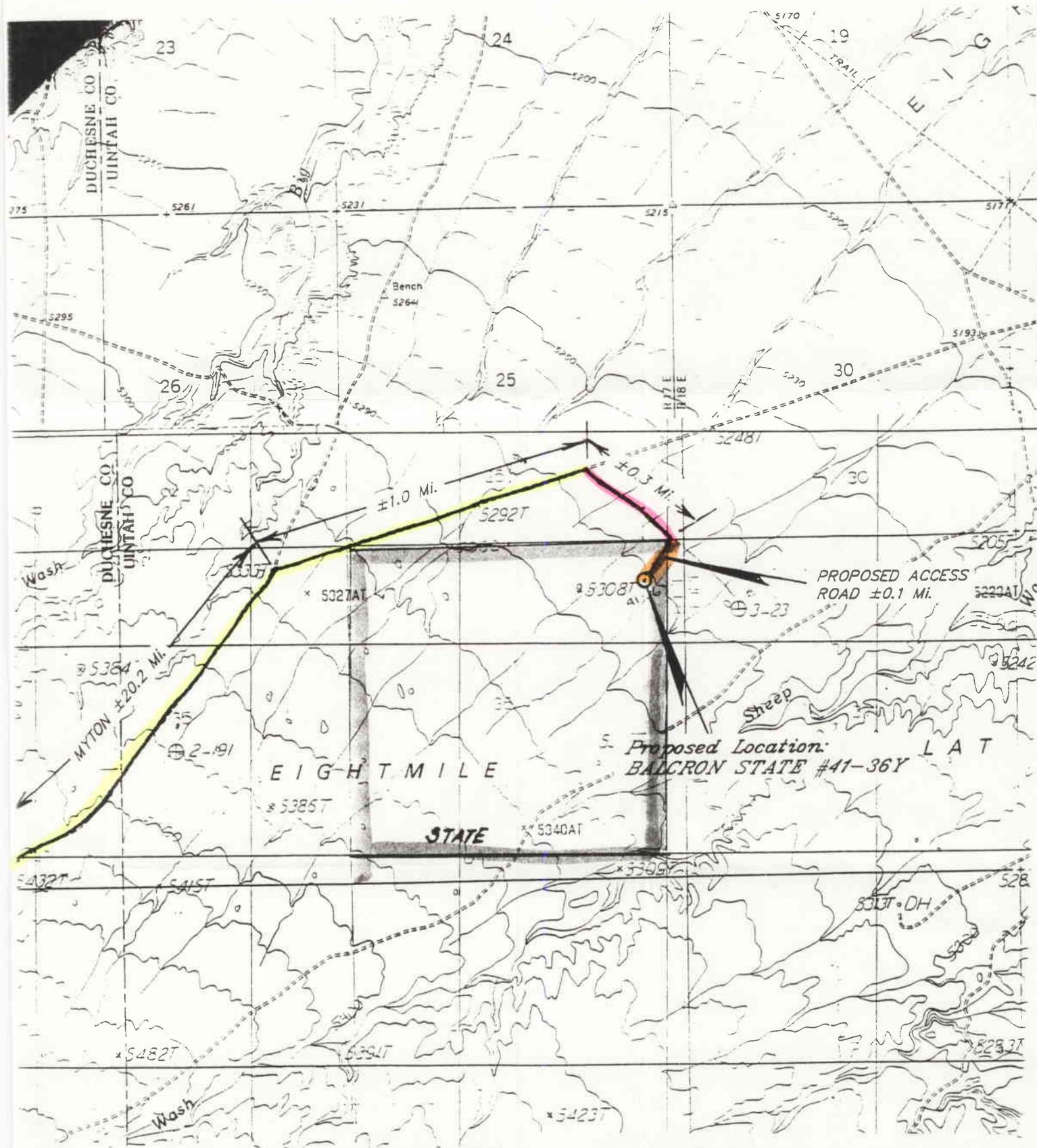


Exhibit "A", November 15, 1994

EQUITABLE RESOURCES CO

BALCRON STATE #41-36Y
 SECTION 36, T9S, R17E, S.L.B. &
 TODO "B"

- ROW UTU-71281
- BLM Maintained Road
- Road on State Lands

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOPURCES

Well Name: BALCRON STATE 41-36Y

Api No. 43-047-32564

Section 36 Township 9S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 4/24/95

Time _____

How ROTARY

Drilling will commence _____

Reported by D. HACKFORD-DOGM

Telephone # _____

Date: 4/28/95 Signed: JLT

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

WELL NAME: BALCRON STATE 41-36Y API NO: 43-047-32564

QTR/QTR: NE/NE SECTION: 36 TOWNSHIP: 9S RANGE: 17E

COMPANY NAME: EQUITABLE RESOURCES COMPANY MAN: AL PLUNKETT

INSPECTOR: DAVID W. HACKFORD DATE: 4/25/95

CASING INFORMATION: SURFACE CASING: YES

SIZE: 8 5/8" GRADE: J55 24# HOLE SIZE: 12 1/4" DEPTH: 280 KB

PIPE CENTRALIZED: YES

CEMENTING COMPANY: WESTERN

CEMENTING STAGES: ONE

SLURRY INFORMATION:

1. CLASS: G ADDITIVES: 2% CACL, 1/4 LB. PER SX CELLOSEAL

LEAD : 160 SACKS TAIL: _____

2. SLURRY WEIGHT LBS. PER GALLON:

LEAD: 15.8 PPG 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: _____ CACLX: _____ RETURNS: _____

ADDITIONAL COMMENTS: PLUG DOWN AT 6:00 AM JOB WENT WELL, WATCHED HOLE FOR 30 MINUTES, CEMENT DID NOT FALL.

4-28-95

CONFIDENTIAL

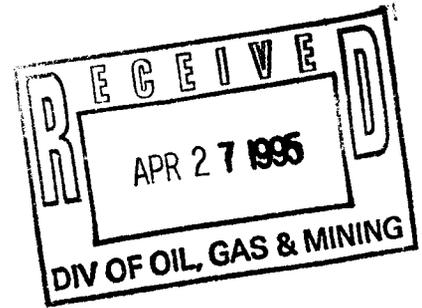


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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



April 25, 1995

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

Gentlemen:

RE: **Balcron State #41-36Y** *43-047-32564*
NE NE Section 36, T9S, R17E
Uintah County, Utah

This letter will serve as notice that this well spud on 4-24-95 at 3 p.m. I have also enclosed the Entity Action Form 6.

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

Sincerely,

Molly Conrad
Operations Secretary

/mc

Enclosure

cc: **Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX**
Dawn Schindler
Bobbie Schuman

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

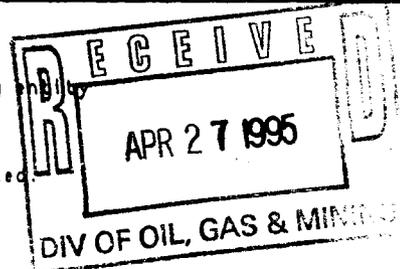
OPERATOR ACCT. NO. 11 9890

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	11763	43-047-32564	Balcron State #41-36Y	NE NE	36	9S	17E	Uintah	4-24-95	4-24-95
WELL 1 COMMENTS: Spud of an new well. <i>Entity added 4-28-95. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)



Molly Connack
Signature
Operations Secretary 4-25-95
Title Date
Phone No. (406) 259-7860

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Balcon State

Suspense

Other

41-364
(Location) Sec 36 Twp 9 S Rng 17 E
(API No.) 43-047-32564

(Return Date) _____

(To - Initials) _____

1. Date of Phone Call: 5/1/95 Time: 9:30 PM

2. DOGM Employee (name) J. R. Matthews (Initiated Call)
Talked to:

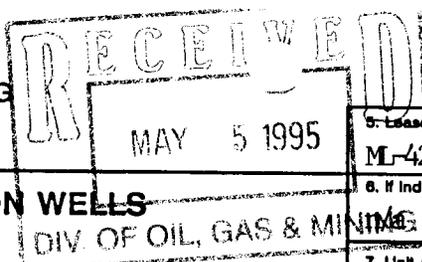
Name Al Plunkett (Initiated Call) - Phone No. () _____

of (Company/Organization) Equitable Resources

3. Topic of Conversation: Plugging of well
Dry Hole
Rig - Union 17

4. Highlights of Conversation: Plugging Procedure TD-530 / loggers
Tops: CRRV 997', Horse shoe bench 1752'
2nd Garden Gulch 3314', Douglas Creek 4028'
Green Marker 4401, Carbonate Marker 4854 B zone 4889.

1st plug 4789-4989 200'
2nd plug 4450-4550 100'
3rd plug 1650-1750 100' tag
4th plug bottom of surface 100'
5th plug 10' at surface



SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
ML-42156

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
n/a

8. Well Name and Number:
Balcron State #41-36Y

9. API Well Number:
43-047-32564

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

County: Uintah
State: Utah

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: 660' FNL & 660' FEL
QQ, Sec., T., R., M.: NE NE Section 36, T9S, R17E

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 _____

New Construction

Pull or Alter Casing

Reperforate

Vent or Flare

Water Shut-Off

Date of work completion 5-3-95

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.)

Operator plugged and abandoned this well as follows:

- Plug #1 4975'-4775' 70 sxs Class "G"
- Plug #2 4543'-4443 48 sxs Class "G"
- Plug #3 1761'-1661' 97 sxs Class "G"
- Plug #4 339'- 239' 155 sxs Class "G"
- Plug #5 40'- surface 15 sxs Class "G"

Plugging job witness by Dave Hackford, State of Utah, Oil, Gas, & Mining. Well plugged on 5-3-95.

13. Name & Signature: Bobbie Schuman, *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: 5-3-95

(This space for State use only)

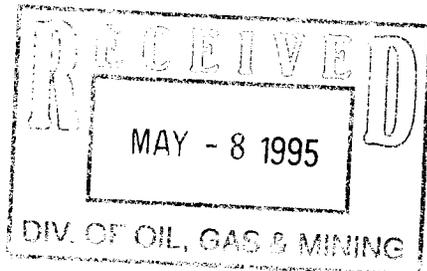
BALCRON OIL COMPANY

BALCRON STATE #41-36Y

43-047-32564

NE NE SECTION 36, T9S, R17E

UINTAH COUNTY, UTAH



Prepared by:

Roy L. Clement
c/o Clement Consulting
1907 Sligo Lane
Billings, Montana 59106
(406) 656-9514

Prepared for:

Dave Bickerstaff &
Keven K. Reinschmidt
c/o Balcron Oil Company
Post Office Box 21017
Billings, MT 59104
(406) 259-7860

WELL DATA SUMMARY

OPERATOR: EREC - BALCRON OIL DIVISION

ADDRESS: Post Office Box 21017
Billings, Montana 59104

WELL NAME: Balcron State #41-36Y

FIELD: Monument Butte South

LOCATION: 660' FNL & 660' FEL
NE NE SECTION 36, T9S, R17E

API#: 43-047-32564

COUNTY: Uintah

STATE: Utah

BASIN: Uinta

WELL TYPE: Development Well

BASIS OF PROSPECT: Oil Production @ Eight Mile & Monument Butte Fields

ELEVATION: GL: 5285' SUB: 10' KB: 5295'

SPUD DATE: April 24, 1995 @ 2100 hrs MDT

TOTAL DEPTH/DATE: 5300' on May 1, 1995

TOTAL DRILLING DAYS: 7 TOTAL ROTATING HOURS: 120.25

STATUS OF WELL: Plugged and Abandoned on May 2, 1995

CONTRACTOR: Union Drilling Company, Rig #17

TOOLPUSHER: Dave Gray

FIELD SUPERVISOR: Al Plunkett

MUD ENGINEER: None

MUD TYPE: Air/Foam from 0' to 3599'; KCL water from 3599' to TD

WELLSITE GEOLOGIST: Roy L. Clement

PROSPECT GEOLOGISTS: Keven K. Reinschmidt and Dave Bickerstaff
of Balcron Oil Company

MUDLOGGERS: Bill Small and Stan Collins of Chief Well Logging

SAMPLING PROGRAM: 50' samples from 900' to 3400'; 30' samples from
3400' to 5300' (TD). All samples lagged and caught by

mud loggers. One dry set of samples sent to the state of Utah.

HOLE SIZE: 12 1/4" to 295'
7 7/8" to TD

CASING: 8 5/8" surface casing set at 279'

DRILL STEM TEST: None

CORE PROGRAM: None

ELECTRIC LOGGING PROGRAM: 1.) DLL//GR/CAL from 5290' - 280'
2.) LDT/CNL/GR/CAL from 5290' - 3100'

LOG TOPS: Green River @ 997'; Horsebench Sandstone @ 1752';
Second Garden Gulch @ 3314'; Y-4 @ 3821'; Y-5 % @ 3857';
Yellow Marker @ 3904'; Douglas Creek @ 4068'; Second
Douglas Creek @ 4289'; Green Marker @ 4401'; G-4 @
4500'; Black Shale Facies @ 4683'; Carbonate Marker @
5854'; B-1 @ 4889'; TD @ 5301'.

LOGGING COMPANY: Schlumberger
LOGGING ENGINEER: Mike Jardon

CORRELATION WELL: 1.) Natural Gas Corporation of California
NGC #11-31
Nw Nw Section 31, T9S, R18E

DISTRIBUTION LIST: Balcron Oil Company
Attn: Dave Bickerstaff & Keven K. Reinschmidt
Post Office Box 21017
Billings, MT 59104

Balcron Oil Company
Attn: Dale Griffen
P.O. Box 416
Roosevelt, UT 84066

Yates Petroleum Corporation
Attn: Mark Mauritsen
105 South Fourth Street
Artesia, NM 88210

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

PLUGGING PROGRAM: #1: 4975'-4775'; 70 sacks
#2: 4543'-4443'; 48 sacks
#3: 1761'-1661'; 97 sacks
#4: 339'- 239'; 155 sacks
#5: 40'- 0'; 15 sacks

Geologic Evaluation

Balcron Oil drilled the B.S. #41-36Y as a development well at Monument Butte (South) Field in Uintah County, Utah. The field produces oil and gas from several Tertiary aged sand intervals in the Green River Formation. The Balcron State #41-36Y was a 40 acre off set situated due west of the NGC #11-31 which produced 17,000 BO before being abandoned.

The #41-36Y was spudded on April 24, 1995 at a location in the Ne Ne of Section 36-T9S-R17E. The well reached a total depth of 5300' in seven days and was evaluated by a well site geologist, two man mud logging unit and a suite of E-logs. Based on log calculations, gas and sample shows, the Balcron State #41-36Y was appraised as non-productive. The well was plugged and abandoned on May 2, 1995 in compliance with the State of Utah's regulations.

Zones of Interest:

The Y-4 Sand was encountered from 3821' to 3831' with ten feet averaging 15% porosity. A minor gas increase of 50 units was recorded which consisted primarily of methane. Samples were comprised of friable sandstones with a light brown oil stain. Low resistivity readings of 17-22 ohms and a "dirty" gamma ray profile may indicate limited permeability to water in the Y-4, confirming the poor gas shows.

The Y-5 Sand was penetrated at 3857' with no significant gas or sample shows. Although porosity ranges from 15 to 22% through the Y-5, low resistivities of 9-10 ohms confirm the water bearing potential of this sand section.

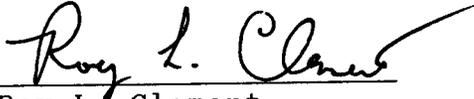
The G-4 Sand interval was present from 4500' to 4524' as a relatively "dirty" sandstone with thin streaks of 16% porosity separated by shaly beds. A weak gas increase of 130 units was noted from very fine to fine grained sandstone with brown oil staining and very poor visual porosity.

The B-1 Sand was topped at 4889', resulting in a 130 unit gas show from poorly consolidated sands with traces of spotty oil staining. A slight scum of oil was also noted on the reserve pit after drilling through the B-1. Logs indicate a 31' thick interval averaging 14% porosity with "dirty" gamma ray readings and a possible oil/water contact at 4900'.

Conclusion:

The Balcron State #41-36Y has been carefully evaluated; on the basis of log evaluations, sample examinations, and gas shows, a completion attempt would most likely result in non-commercial production. The decision to plug and abandon the well appears to be fully warranted.

Respectfully Submitted,

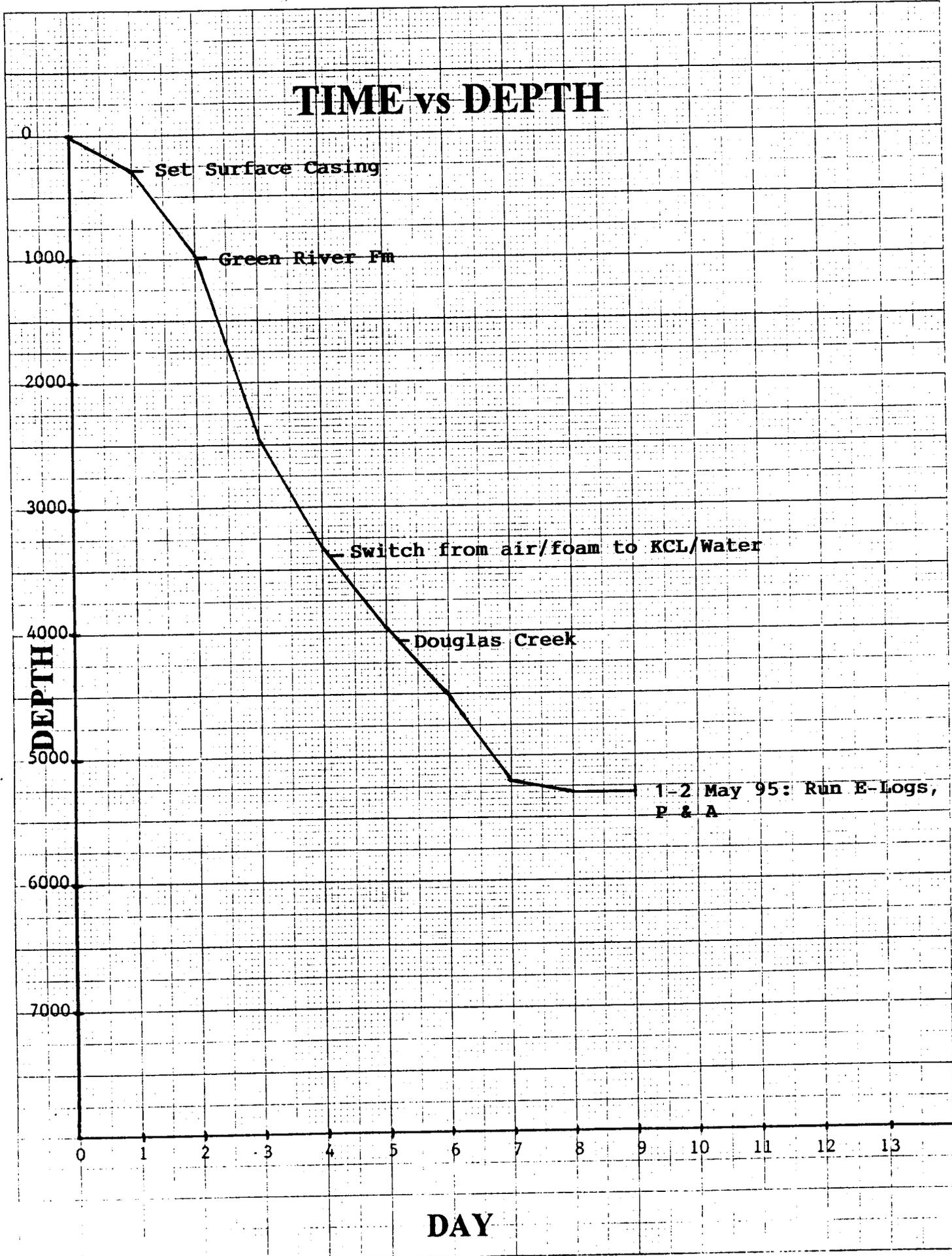
A handwritten signature in cursive script that reads "Roy L. Clement". The signature is written in black ink and is positioned above a horizontal line.

Roy L. Clement
Well Site Geologist

TIME vs DEPTH

46 1470

W. H. HUFFEL & ASSOCIATES, INC.



DAILY ACTIVITY

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT*</u>	<u>VIS</u>	<u>WL</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
0	4/24/95	0'	0'	1	8	25	195	Air/Foam			Rig up, Spud @ 2100 hours MDT	
1	4/25	295'	295'	2	40	55	195	Air/Foam			Set Surface Casing	
2	4/26	967'	672'	2	40	60	210	Air/Foam			Drill ahead	Green R.
3	4/27	2443'	1476'	2	40	60	250	Air/Foam			Drill ahead	Green R.
4	4/28	3346'	903'	2	40	60	260	Air/Foam			Trip for plug'd jet	Green R.
5	4/29	3960'	614'	3	40	65	1050	8.5	--	n/c	Trip for bit	Yellow Z.
6	4/30	4515'	555'	3	40	65	1050	8.6	--	n/c	Drill ahead	Douglas C.
7	5/1	5196'	681'	3	40	70	1050	8.7	--	n/c	Drill to TD	Blue Zone
8	5/2	5300'	104'	-	----						Run E-Logs, Plug & Abandon	Blue Zone

*Note: Drilled with air and foam from under surface to 3599' and switched to KCL/Water.

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 4/24/95 TOTAL DEPTH: 5/1/95 TOTAL ROTATING HOURS: 120.25

<u>BIT NO.</u>	<u>SIZE</u>	<u>TYPE/MAKE</u>	<u>JETS SIZE</u>	<u>SERIAL #</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>ACCUM HOURS</u>	<u>WOB</u>	<u>RPM</u>	<u>DEV</u>	<u>PP</u>	<u>T</u>	<u>B</u>	<u>G</u>
1	12 1/4	HUT FB	open	--	295'	295'	6.50	6.50	8	25	-	195	-	-	-
2	7 7/8	Security S88CF	24 24 24	636464	3599'	3304'	55.50	62.00	40	60	1.75 ⁰	250	7	4	3/4
3	7 7/8	NEWTECK NT4	13 13 13	07627	5300'	1701'	58.50	120.25	40	65	2 ⁰	1050	4	2	I

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
500'	1 1/4 ⁰
1000'	1 ⁰
1500'	1 1/4 ⁰
2130'	1 1/2 ⁰
2630'	2 1/2 ⁰
3128'	2 3/4 ⁰
3599'	1 3/4 ⁰
4115'	2 ⁰
4600'	2 ⁰
5300'	2 ⁰

FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Balcron State #41-36Y; NE NE Sec 36, T9S, R17E KB: 5295'
OFFSET #1: NGC #11-31; NW NW Sec 31, T9S, R18E KB: 5287'

<u>AGE and FORMATION</u>	<u>PROG</u>	<u>SAMPLE</u>	<u>E-LOG</u>	<u>DATUM</u>	<u>THICK</u>	<u>DIP TO OFFSET #1</u>
TERTIARY						
Uinta		Surface				
Green River	981'	1000'	997'	4298'	755'	+ 6'
Horsebench SS	1767'	1755'	1752'	3543'	1562'	-33'
2nd Garden Gulch	3307'	3325'	3314'	1981'	590'	+15'
Y-4 Sand	--	3810'	3821'	1474'	10'	+ 8'
Y-5 Sand	--	3856'	3857'	1438'	25'	+31'
Yellow Marker	3900'	3898'	3904'	1391'	164'	+18'
Douglas Creek	4059'	4068'	4068'	1227'	221'	+13'
2nd Douglas Ck	4275'	4296'	4289'	1006'	95'	+ 8'
G-1 Sand	4352'	4372'	4384'	911'	17'	-10'
Green Marker	4388'	4400'	4401'	894'	99'	+ 9'
G-4 Sand	4488'	4502'	4500'	795'	24'	+10'
Black Shale F.	--	4670'	4683'	612'	171'	+ 3'
Carbonate Mkr.	4838'	4846'	4854'	441'	35'	+ 8'
B-1 Sand	4883'	4884'	4889'	406'	31'	+16'
Uteland Butte Ls	5243'	5226'	----- not logged -----			

REFERENCE WELL

NATURAL GAS CORPORATION
NGC #11-31
NW NW SEC 31, T9S, R18E
KB: 5287'

<u>AGE and FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>THICK</u>
TERTIARY			
Uinta	Surface		
Green River	995'	4292'	716'
Horsebench SS	1711'	3576'	1610'
2nd Garden Gulch	3321'	1966'	593'
Yellow Marker	3914'	1373'	159'
Douglas Creek	4073'	1214'	216'
2nd Douglas Creek	4289'	998'	77'
G-1 Sand	4366'	921'	10'
Green Marker	4402'	885'	100'
G-4 Sand	4502'	785'	40'
Black Shale Facies	4678'	609'	176'
Carbonate Marker	4854'	433'	43'
B-1 Sand	4897'	397'	18'
Uteland Butte Lime	5257'	30'	--

LITHOLOGY

NOTE: All samples were lagged and caught by mud loggers. 50' samples were taken from 900' to 3400' with 30' sample caught from 3400' to total depth. Additional timely samples were caught through all potential show zones and drilling breaks. Sample quality was poor to fair while drilling with the air/foam mud system. Descriptions begin at 900' in the Uinta Formation.

900' - 1000' Siltstone: light gray to graywhite, soft to firm, calcareous, grading to Sandstone: clear, fine to medium grained, sub rounded, fair sorting, predominantly unconsolidated, trace Pyrite and Gilsonite

Sample Top: Green River @ 1000'

1000' - 1100' Shale: light gray to graybrown, soft, platy, slightly calcareous, trace Pyrite

1100' - 1225' Shale: brown to graybrown, orangebrown in part, firm, blocky to platy, calcareous to dolomitic, silty in part, trace Pyrite

1225' - 1300' Sandstone: light gray, clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated, calcareous, interbeds of Shale

1300' - 1400' Shale: graybrown to brown, orange to orangebrown, firm, blocky to platy, dolomitic to silty in part, trace Pyrite

1400' - 1550' Shale: brown to orangebrown, graybrown in part firm, platy to sub blocky, dolomitic, trace Pyrite and white to cream Calcite crystals

1550' - 1755' Shale: light to medium brown, graybrown to orangebrown, firm, platy, dolomitic to calcareous, abundant Pyrite and trace Calcite crystals

Sample Top: Horsebench Sandstone @ 1755'

1755' - 1810' Sandstone: light gray, very fine to fine grained, sub angular, fair sorting,

very poorly consolidated to unconsolidated, calcareous cement in part, silty

1810' - 1940' Shale:

brown to graybrown, firm, platy, dolomitic to silty, interbeds of Sandstone: light gray to graybrown, fine to medium grained, sub angular, poorly sorted, poor to fair consolidation and calcareous cemented, Pyritic to Micaceous, Bituminous in part, no fluorescence, occasional slow yellowwhite streaming cut

1940' - 2050' Shale:

brown to graybrown, firm, blocky to platy, calcareous to marly, trace Pyrite and Calcite crystals

2050' - 2200' Shale:

medium to dark brown, firm to brittle, blocky to platy, calcareous to marly and grading to Limestone in part, petroliferous, no fluorescence, slow yellowwhite diffuse cut

2200' - 2350' Shale:

medium to dark brown, graybrown in part, firm, platy to blocky, calcareous to dolomitic and grading to Dolomite in part, abundant Pyrite and Calcite crystals, petroliferous in part, no fluorescence, slow yellowwhite diffuse cut

2350' - 2430' Shale:

light to dark brown, graybrown, soft to firm, platy to blocky, trace Pyrite, petroliferous in part, no fluorescence, slow yellowwhite diffuse cut, very calcareous and grading to Limestone: light brown to cream, microcrystalline, soft, chalky, shaly

2430' - 2500' Shale:

light to dark brown, graybrown, soft to firm, platy to blocky, very calcareous, occasional interbeds of Sandstone: clear, salt and peppered, fine to medium grained, poorly sorted, fairly consolidated with calcareous cement, silty to micaceous

2500' - 2585' Shale: light to medium brown, gray to graybrown, firm, blocky to platy in part, dolomitic and grading to Dolomite: tan to cream, microcrystalline, firm, dense to chalky, argillaceous, trace Pyrite

2585' - 2703' Sandstone: light gray to graywhite, clear to salt and peppered in part, fine to medium grained, sub angular, poorly sorted, fairly consolidated with calcareous cement in part, trace Pyrite, bituminous in part, no fluorescence, occasional slow yellowwhite streaming cut

Note: Tripped for plugged jet @ 2703'. Drilled ahead with Air/Foam.

2703' - 2820' Shale: brown to graybrown, firm, platy to blocky, trace Pyrite, calcareous and grading to Limestone: tan, cream to buff, microcrystalline, soft, chalky to earthy, argillaceous

2820' - 2860' Sandstone: light gray to graybrown, fine to medium grained, sub angular, poor sorting poorly consolidated, calcareous to silty in part, trace dark brown asphalt stain, dull yellow fluorescence, slow yellowwhite streaming cut

2860' - 2920' Shale: gray to graybrown, soft to firm, platy to blocky, calcareous to silty

2920' - 2950' Limestone: cream to buff, microcrystalline, firm, earthy to chalky, argillaceous, dolomitic

2950' - 3100' Sandstone: light gray to clear, salt and peppered in part, very fine to medium grained, sub angular to sub rounded, poorly sorted, predominantly unconsolidated, silty to micaceous, bituminous in part with no fluorescence, occasional slow yellowwhite diffuse cut

3100' - 3250' Shale: light to medium gray, brown, graygreen in part, firm, platy to blocky, calcareous to silty,

interbeds of Limestone: cream to buff, microcrystalline, firm, chalky to fragmental in part

3250' - 3325' Siltstone: light to medium gray, graygreen in part, firm, calcareous, grading to very fine grained Sandstone, trace Pyrite

Sample Top: Second Garden Gulch @ 3325'

3325' - 3350' Limestone: tan to cream, microcrystalline, firm, chalky to earthy, argillaceous

3350' - 3400' Sandstone: clear, light gray, very fine to fine grained, sub angular, fair sorting, unconsolidated, grading to Siltstone in part

Note: 30' samples beginning @ 3400'

3400' - 3460' Shale: light to medium gray, graygreen, firm, platy, calcareous to silty, interbedded with Limestone: cream to buff, microcrystalline, firm, chalky to earthy, slightly argillaceous

3460' - 3520' Siltstone: light to medium gray, graygreen in part, firm to slightly hard, calcareous, grading to Sandstone: light gray to clear, very fine to fine grained, sub angular, fairly sorted, poorly consolidated to unconsolidated

3520' - 3614' Shale: light to medium gray, graygreen, firm, blocky to platy, calcareous to silty, interbeds of Sandstone: clear to graywhite, salt and peppered, fine to medium grained, sub angular, poorly sorted, well consolidated, calcareous cement, micaceous

Note: Trip at 3599' and switch from air/foam to KCL/water.

3614' - 3660' Shale: light to medium gray, brown, firm, blocky to sub platy, calcareous to silty

3660' - 3672' Sandstone: light gray to graywhite, clear, very fine to fine grained, sub

rounded to sub angular, fairly sorted, poorly consolidated, calcareous to silty in part

3672' - 3724' Shale: gray to graybrown, redbrown to brown, firm, blocky, calcareous to silty

3724' - 3744' Sandstone: light gray to clear, fine to medium grained, sub rounded to sub angular, poorly sorted, poorly consolidated, slightly calcareous and silty in part

3744' - 3810' Shale: light to medium gray, graybrown to brown, soft to firm, blocky to sub platy, silty to sandy, calcareous and grading to Limestone: light brown to cream, cryptocrystalline, firm to slightly hard and siliceous, dense to chalky, argillaceous

Sample Top: Y-4 Sand @ 3810'

3810' - 3826' Sandstone: clear to light brown, very fine to fine grained, sub angular, fairly sorted, friable to fairly consolidated, calcareous cement, micaceous, very poor visual porosity, light brown oil stain, dull yellow to gold fluorescence, moderate yellowgreen streaming cut

3824' - 3856' Shale: gray to graybrown, brown in part, firm, blocky, calcareous to silty

Sample Top: Y-5 Sand @ 3856'

3856' - 3872' Sandstone: white to clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated to unconsolidated, micaceous to silty

3872' - 3898' Shale: light to medium gray, graybrown, firm, platy to blocky, calcareous to silty

Sample Top: Yellow Marker @ 3898'

3898' - 4000' Shale: gray to graybrown, brown in part, soft to firm, platy to blocky, calcareous, grading to siltstone, trace Limestone: tan to cream,

microcrystalline, soft to firm,
chalky to earthy, argillaceous to
arenaceous

4000' - 4068' Sandstone:

graywhite to white, very fine to
fine grained, sub angular, fairly
sorted, poorly consolidated to
unconsolidated, abundant Pyrite,
grading to Siltstone, micaceous in
part

Sample Top: Douglas Creek @ 4068'

4068' - 4078' Shale:

light to medium gray, graybrown to
brown in part, firm, blocky to
platy, calcareous to silty in part,
trace Limestone: tan to cream,
microcrystalline, firm, chalky to
earthy, argillaceous

4078' - 4112' Siltstone:

light gray to graygreen, firm,
calcareous, grading to Sandstone:
graywhite to clear, fine to medium
grained, sub angular, poorly
sorted, poorly consolidated, silty
to micaceous

4112' - 4150' Shale:

light to medium gray, graygreen in
part, soft to firm, platy to
blocky, calcareous to silty

4150' - 4184' Siltstone:

light to medium gray, graywhite,
firm, calcareous, grading to very
fine grained Sandstone in part

4184' - 4230' Shale:

light to medium gray, graybrown in
part, firm, platy to blocky,
calcareous to silty, trace Pyrite

4230' - 4296' Siltstone:

gray to graywhite, firm,
calcareous, grading to Sandstone:
light gray to clear, very fine to
fine grained, sub angular, fairly
sorted, poorly consolidated,
calcareous cement, silty

Sample Top: Second Douglas Creek @ 4296'

4296' - 4372' Limestone:

tan to cream, cryptocrystalline,
firm, dense to slightly chalky,
argillaceous and grading to Shale:
light to medium gray, graybrown,
firm, platy to blocky, calcareous
to silty

Sample Top: G-1 Sand @ 4372'

4372' - 4400' Sandstone: graywhite to white, salt and peppered to clear, very fine to medium grained, sub angular, very poor sorting, fairly consolidated and cemented with calcite, very silty and grading to Siltstone: light gray to graywhite, firm, calcareous

Sample Top: Green Marker @ 4400'

4400' - 4432' Shale: gray to graybrown, brown in part, firm, platy to blocky, silty in part, calcareous and grading to Limestone: light brown to cream, microcrystalline, firm, dense to chalky, argillaceous

4432' - 4502' Siltstone: light to medium gray, graywhite, firm to slightly hard, calcareous, grading to Sandstone: light gray to clear, very fine to fine grained, sub angular, fairly sorted, fairly consolidated and calcareous cemented, micaceous to pyritic, trace brown spotty oil stain, dull gold fluorescence, moderate yellowwhite streaming cut

Sample Top: G-4 Sand @ 4502'

4502' - 4518' Sandstone: light brown to clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated to friable, very poor visual porosity, brown uniform oil stain, dull yellow to gold fluorescence, immediate yellowwhite streaming cut

4518' - 4556' Siltstone: light to medium gray, graywhite, firm, calcareous, grading to very fine grained Sandstone in part

4556' - 4602' Shale: gray to graybrown, soft to firm, platy to blocky in part, calcareous to silty, trace Pyrite

4602' - 4670' Siltstone: light to medium gray, graybrown in part, firm, calcareous, grading to Sandstone: light gray to graywhite, clear in part, very fine to fine grained, sub angular, fair sorting,

poorly consolidated to
unconsolidated, calcareous cement
in part

Sample Top: Black Shale Facies @ 4670'

- 4670' - 4722' Shale: dark brown to dark graybrown, black, firm to brittle, slightly calcareous in part, trace finely disseminated Pyrite, petroliferous to carbonaceous, no fluorescence, slow yellowgreen diffuse cut
- 4722' - 4772' Shale: gray to graybrown, light brown, firm, platy to blocky, silty in part, calcareous to marly in part
- 4772' - 4806' Shale: dark brown to dark graybrown, firm, slightly calcareous, trace disseminated pyrite, petroliferous to carbonaceous, no fluorescence, slow yellowgreen diffuse cut
- 4806' - 4846' Shale; light to dark gray, dark brown to dark graybrown in part, firm to brittle in part, slightly calcareous, petroliferous in part

Sample Top: Carbonate Marker @ 4846'

- 4846' - 4884' Limestone: tan to cream, microcrystalline, soft, chalky, argillaceous and grading to Shale: light to medium gray, graybrown, soft to firm, platy to blocky, calcareous, silty in part

Sample Top: B-1 Sand @ 4884'

- 4884' - 4900' Sandstone: white to clear, light brown in part, fine to medium grained, sub angular to sub rounded, poorly sorted, poorly consolidated to unconsolidated, poor visual porosity, trace brown spotty oil stain and slight scum of oil on reserve pit, dull yellow fluorescence, slow yellowwhite diffuse to streaming cut
- 4900' - 4912' Sandstone: white to clear, very fine to fine grained, sub angular, very poorly sorted, unconsolidated

4912' - 4980' Siltstone: gray to graybrown, firm, calcareous, grading to Sandstone: white to graywhite, very fine to fine grained, sub angular, fair sorting, poorly consolidated, calcareous cement in part

4980' - 5030' Shale: light to medium gray, graybrown to brown in part, soft to firm, platy, calcareous to silty

5030' - 5100' Siltstone: light to medium gray, graygreen in part, firm, calcareous, grading to very fine grained Sandstone in part

5100' - 5170' Shale: gray to graybrown, brown to redbrown, firm, blocky to platy, silty, very calcareous to marly in part

5170' - 5226' Shale: dark gray to graybrown, black in part, firm, blocky to platy, slightly calcareous, carbonaceous in part

Sample Top: Uteland Butte Lime @ 5226'

5226' - 5246' Limestone: light to medium brown, graybrown, microcrystalline, firm, dense to slightly chalky, very argillaceous and grading to Shale, carbonaceous

5246' - 5300' Shale: medium to dark brown, dark graybrown, firm to brittle, platy, calcareous to marly, carbonaceous

Note: Driller's total depth @ 5300'. Circulate and condition hole for logging.

LOGGING REPORT

Logging Company: Schlumberger Engineer: Mike Jardon Date: 5/1/95

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth: 5300' Logger's TD Depth: 5301'

Driller's Casing Depth: 279' Logger's Casing Depth: 280'

Elevation: GL: 5285' Sub: 10' KB: 5295'

Mud Conditions: Wt: 8.5 WL: no control
 BHT: 155⁰ F

Hole Conditions: Poor, stuck tools @ 1730' and pulled free

Logging Time: Time Arrived: 1100 hrs First Tool in Hole: 1300 hrs
 Last Tool Out: 1630 hrs Time of Departure: 1730 hrs

Electric Logging Program: 1.) Dual Laterlog with Gamma Ray & Caliper from 5290' to 280'; Lithology Density Compensated Neutron Gamma Ray Log and Caliper from 5290' to 3100' (tools were stacked, one logging run was made).

Log Tops: Green River Formation @ 997'; Horsebench Sandstone @ 1752'; Second Garden Gulch @ 3314'; Y-4 Sand @ 3821'; Y-5 Sand @ 3857'; Yellow Marker @ 3904'; 4244'; Douglas Creek @ 4068'; Second Douglas Creek @ 4289'; G-1 Sand @ 4384'; Green Marker @ 4401'; G-4 Sand @ 4500'; Black Shale Facies @ 4683'; Carbonate Marker @ 4854'; B-1 @ 4889'; Total Depth @ 5301'.

Zones of Interest: 3732' to 3748': 16' with 19-21% porosity, low resistivity of 9-15 ohms.

Y-4 @ 3821' to 3831': 10' averaging 15% porosity, low resistivity readings in the 17-22 ohm range may indicate permeability to water and "dirty" gamma readings.

Y-5 @ 3857' to 3872': 25' with 15-22% porosity, low resistivity readings of 9-10 ohms.

G-1 @ 4384': silty and absent of sand.

G-4 @ 4500' to 4524': "dirty" with thin streaks of 16% porosity.

B-1 @ 4889' to 4920': 31' averaging 14% porosity, "dirty".

Note: The following pages contain log excerpts over zones of interest.

COMPANY: BALCRON OIL

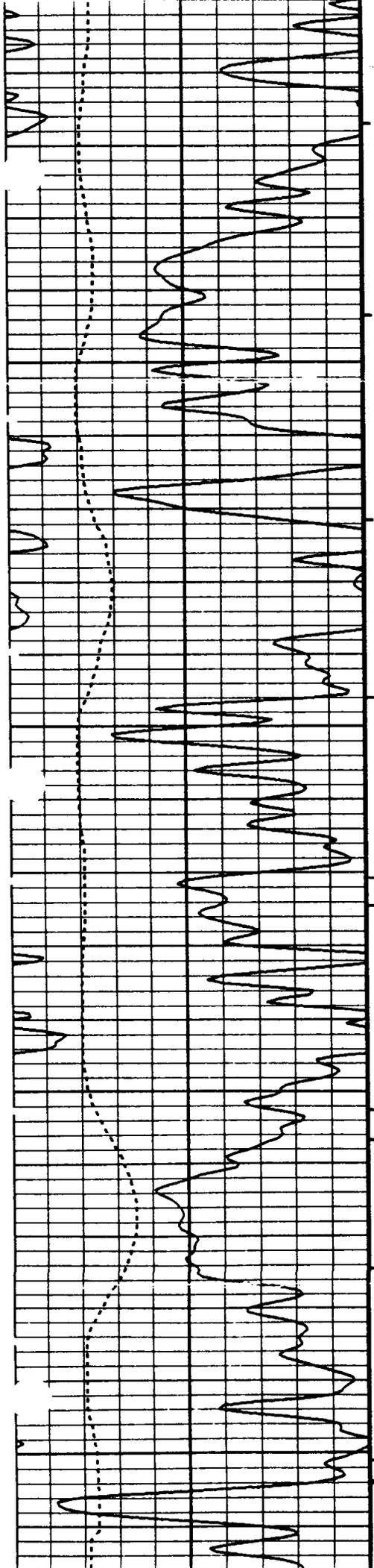
WELL: BALCRON STATE #41-36Y

FIELD: MONUMENT BUTTE SOUTH

COUNTY: UINTAH

STATE: UTAH

Field: MONUMENT BUTTE SOUTH Location: 660 FNL & 660 FEL Well: BALCRON STATE #41-36Y Company: BALCRON OIL	Schlumberger		LITHOLOGY DENSITY COMPENSATED NEUTRON GAMMA RAY			
	660 FNL & 660 FEL SEC36 T9S R 17E				Elev.:	K.B. 5295 F G.L. 5285 F D.F. 5296 F
	Permanent Datum:		GROUND LEVEL		Elev.:	5285 F
	Log Measured From:		EKB		10.0 F above Perm. Datum	
Drilling Measured From:		EKB				
API Serial No.			SECTION 36	TOWNSHIP 9S	RANGE 18E	
Logging Date	1-MAY-1995					
Run Number	ONE					
Depth Driller	5300 F					
Schlumberger Depth	5301 F					
Bottom Log Interval	5290 F					
Top Log Interval	3100 F					
Casing Driller Size @ Depth	8.625 IN		@	279 F		
Casing Schlumberger						
Bit Size	7.875 IN					
Type Fluid In Hole	KCL WATER					
Density	Viscosity	8.5 LB/G				
Fluid Loss	PH					
Source Of Sample	TANK					
DM @ Measured Temperature	0.657 OHMM		@	75 DEGF		
MF @ Measured Temperature			@			
MC @ Measured Temperature			@			
Source RMF	RMC					
DM @ MRT	RMF @ MRT	0.332 @ 155		@	155	
Maximum Recorded Temperatures	155 DEGF		155			
Circulation Stopped	Time					
Logger On Bottom	Time		1-MAY-1995 14:00			
Unit Number	Location					
Recorded By	8426 VERNAL, UT					
Witnessed By	MIKE JARDON CLEMENT, PLUNKETT					



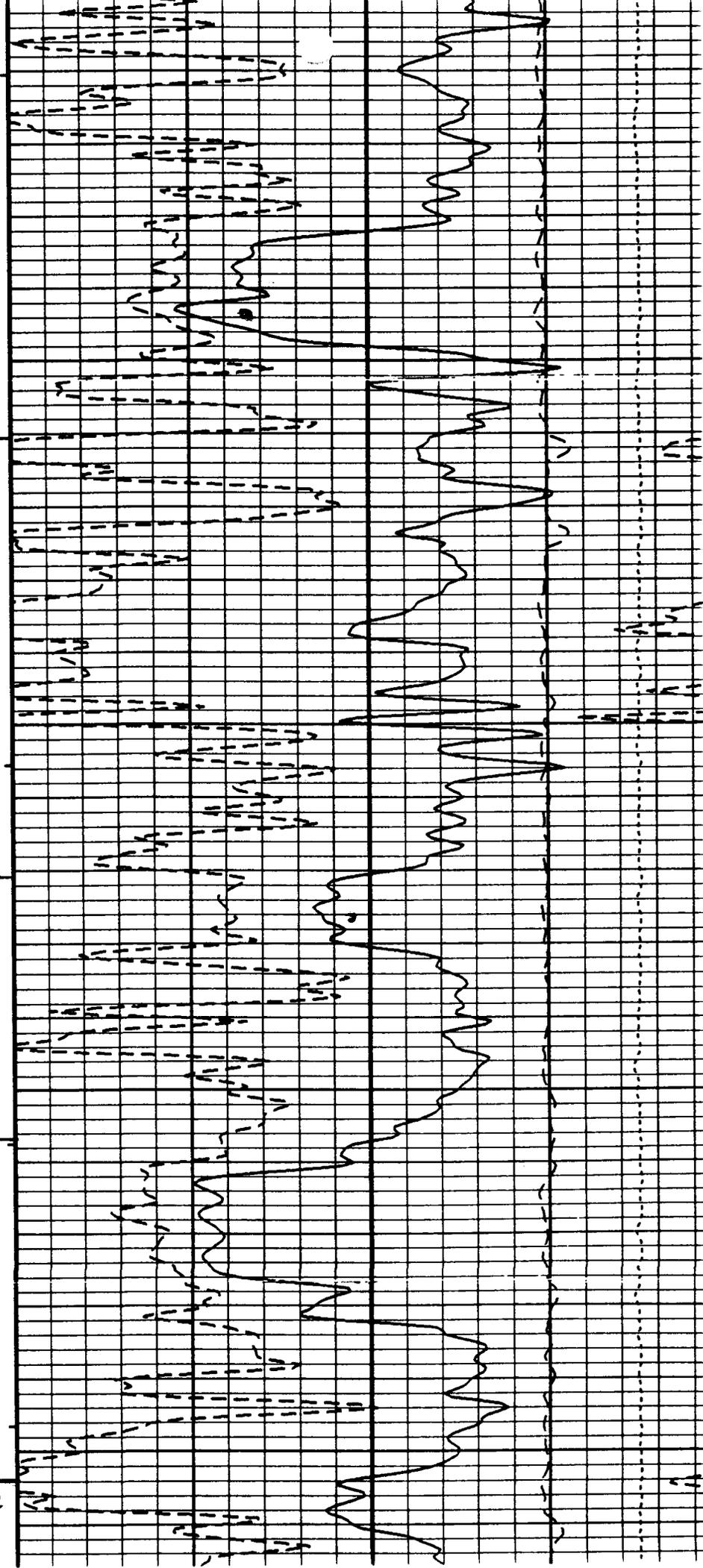
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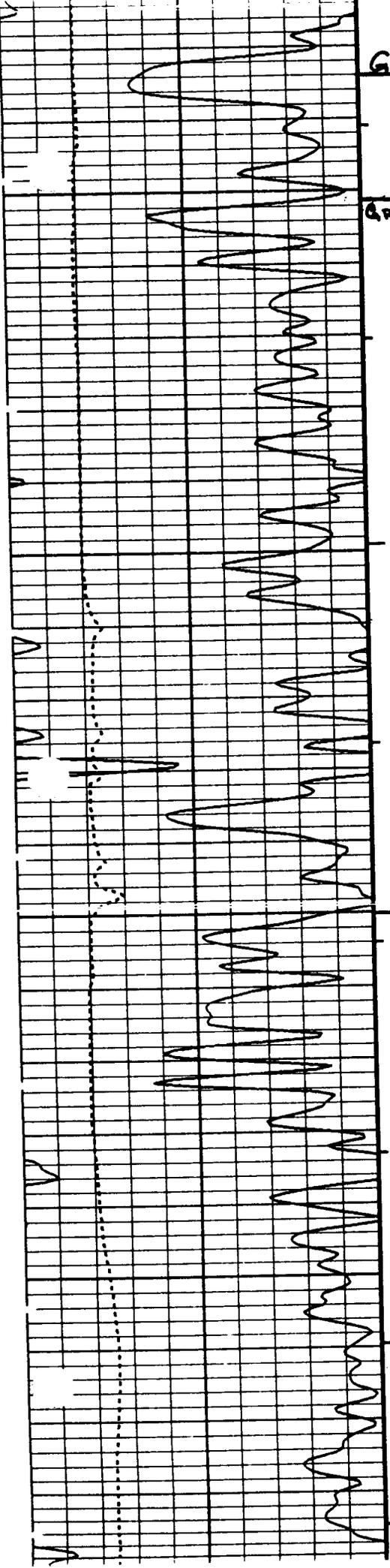
Y-4

Y-5

3900

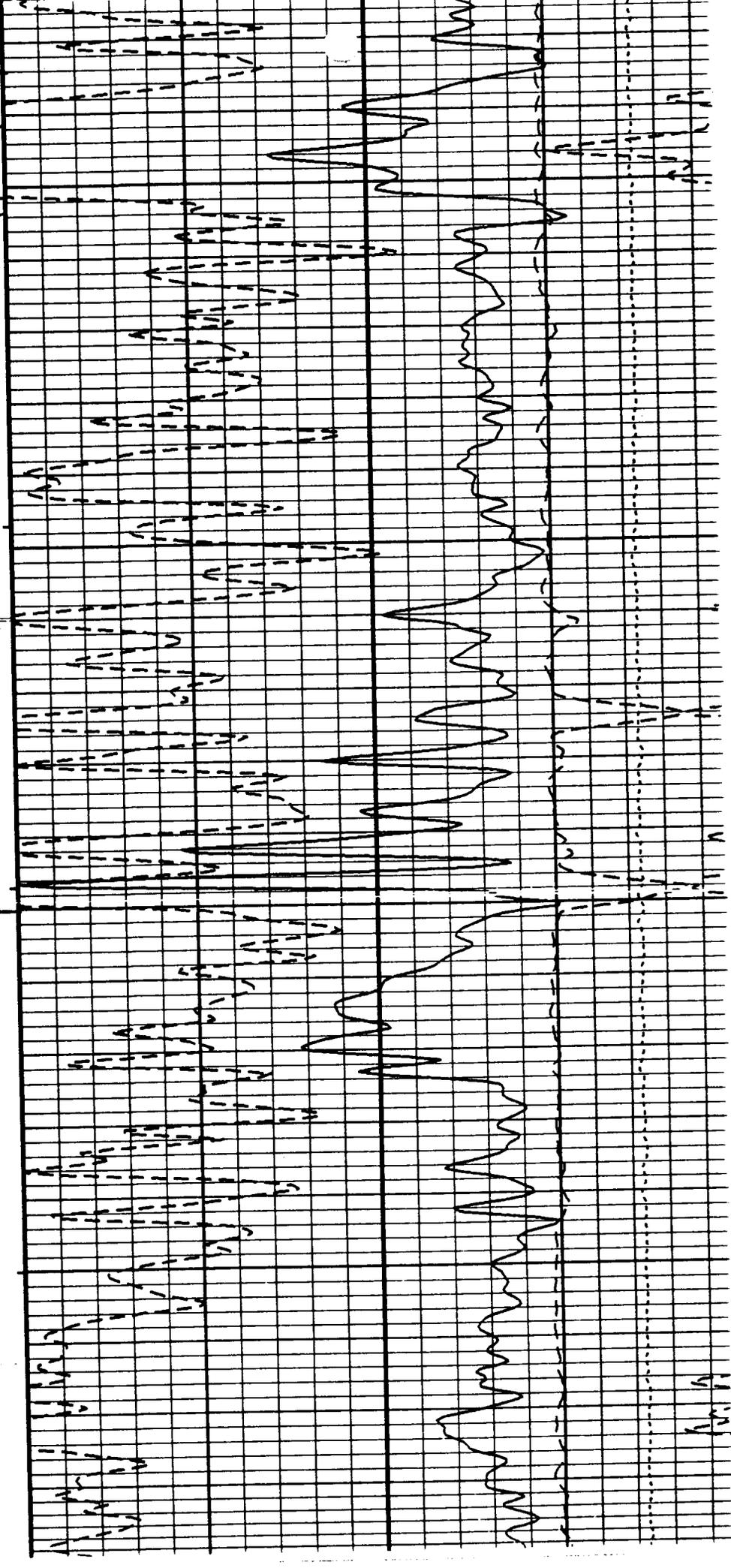
yellow
marker

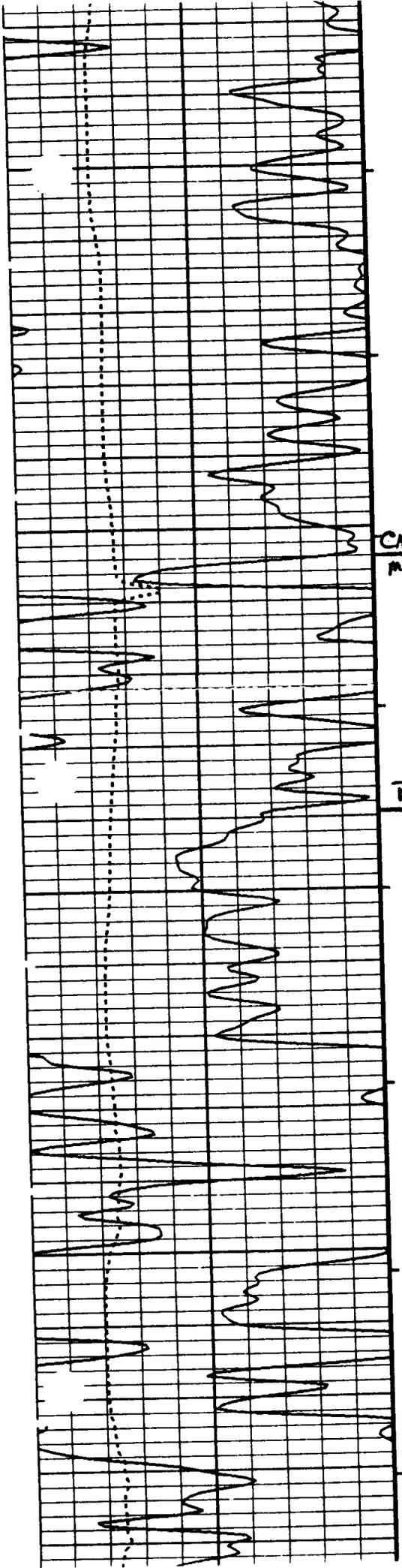




4400
GREEN REF

4500
G-4



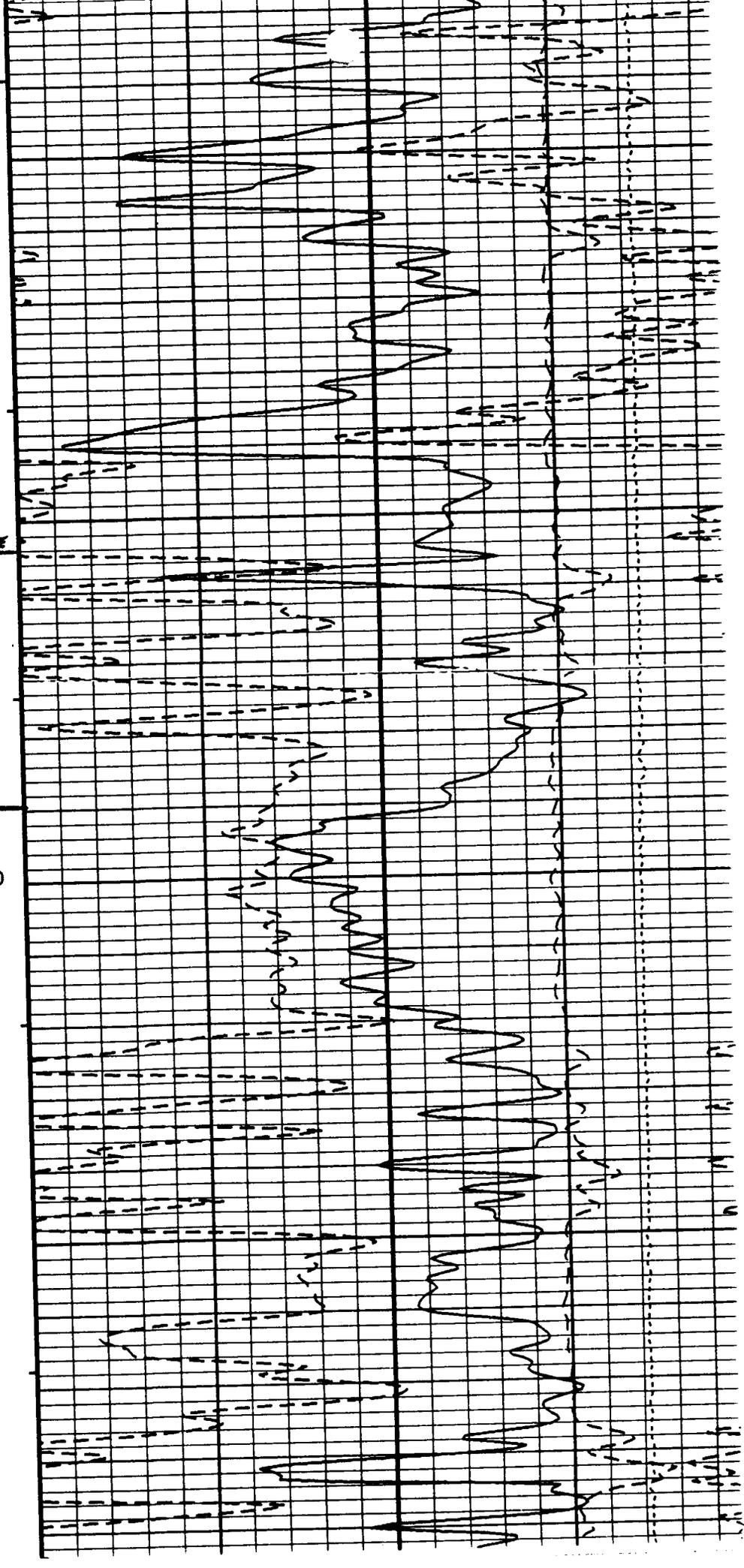


4800

CARBONATE
MAYBE

B-1
SAND

4900



CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
JUN 16 1995

3. LEASE DESIGNATION AND SERIAL NO.
M-42156

INDIAN, ALLOTTEE OR TRIBE NAME
n/a

WELL COMPLETION OR RECOMPLETION

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

1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESTR. 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 660' ENL & 660' FEL
At top prod. interval reported below
At total depth

7. UNIT AGREEMENT NAME
n/a

5. FARM OR LEASE NAME
Balcron State

9. WELL NO.
41-36Y

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NE NE Section 36, T9S, R17E

14. API NO. 43-047-32564 DATE ISSUED 12-19-94

12. COUNTY Uintah 13. STATE Utah

15. DATE SPUDDED 4-24-95 16. DATE T.D. REACHED 5-2-95 17. DATE COMPL. (Ready to prod.) 5-3-95 18. ELEVATIONS (DF, EEB, AT, GR, ETC.) 5285' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5300' 21. PLUG BACK T.D., MD & TVD n/a 22. IF MULTIPLE COMPL. HOW MANY n/a 23. INTERVALS DRILLED BY ROTARY TOOLS SFC - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) n/a

25. TYPE ELECTRIC AND OTHER LOGS RGN DLL/LDE/CNL MUD LOGS 5-5-95 27. WAS WELL CORED YES NO (Submit analysis) DRILL STEM TEST YES NO (See reverse side) No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	279.25'	12-1/4"	160 sxs Class "G" w/additives	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	30. TUBING RECORD
n/a					SIZE n/a DEPTH SET (MD) PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) n/a

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
n/a	

33. PRODUCTION

DATE FIRST PRODUCTION n/a PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

DATE OF TEST n/a HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—BSL. GAS—MCF. WATER—BSL. WELL STATUS (Producing or shut-in) P & A

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BSL. GAS—MCF. WATER—BSL. GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) OIL GRAVITY-API (CORR.)

35. LIST OF ATTACHMENTS TEST WITNESSED BY

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

SIGNED Dobbie Schuman TITLE Regulatory and Environmental Specialist DATE 6-14-95

INSTRUCTIONS

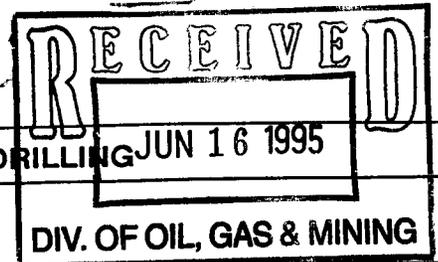
This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

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).

38. GEOLOGIC MARKERS		39. SUMMARY OF POROUS ZONES:	
Formation	Name	Description, contents, etc.	Time tool open, flowing and shut-in pressures, and recoveries.
		Top	Bottom
		Meas. Depth	True Vert. Depth
Uints	Uints	Surface	Surface
Green River	Green River	997	997
Horsebench SS	Horsebench SS	1752'	1752'
2nd Garden Gulch	2nd Garden Gulch	3314'	3314'
Y-4 Sand	Y-4 Sand	3821'	3821'
Y-5 Sand	Y-5 Sand	3857'	3857'
Yellow Marker	Yellow Marker	3904'	3904'
Douglas Creek	Douglas Creek	4068'	4068'
2nd Douglas Creek	2nd Douglas Creek	4289'	4289'
G-1 Sand	G-1 Sand	4384'	4384'
Green Marker	Green Marker	4401'	4401'
G-4 Sand	G-4 Sand	4500'	4500'
Black Shale F	Black Shale F	4683'	4683'
Carbonate Marker	Carbonate Marker	4854'	4854'
B-1 Sand	B-1 Sand	4889'	4889'
Uteland Butte IS	Uteland Butte IS	5226'	5226'



REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron State #41-367

API number: 43-047-32564

2. Well Location: QQ NE NE Section 36 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

Buckhannon, WV 26201

Phone: (304) 472-4610

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

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

6. Formation tops: 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: 6-14-95

Name & Signature: Bobbie Schuman *Bobbie Schuman*

Title: Regulatory and Environmental Specialist