



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

December 7, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

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

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

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

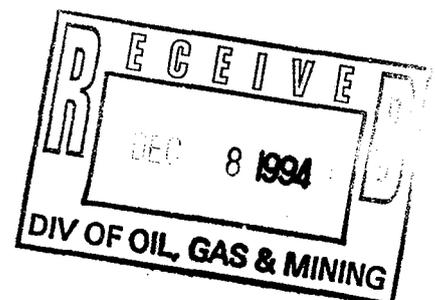
Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Farnsworth



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

CONFIDENTIAL

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

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

7. Unit Agreement Name:
n/a

8. Farm or Lease Name:
Balcron Monument State

9. Well Number:
#24-2

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

11. Qtr/Qtr, Section, Township, Range, Meridian:
SE SW 2, T9S, R17E

12. County: Tombs 13. State: UTAH

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

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)
At Surface: SE SW Section 2, T9S, R17E 660' FSL, 1980' FWL
At Proposed Producing Zone:

14. Distance in miles and direction from nearest town or post office:
Approximately 11 miles southeast of Myton, 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: 5,700'
20. Rotary or cable tools: Rotary

21. Elevations (show whether DF, RT, GR, etc.):
GL 5042.2'
22. Approximate date work will start:
2-1-95

PROPOSED CASING AND CEMENTING PROGRAM

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

RECEIVED
8 1994
DIV OF OIL, GAS & MINING

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

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

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

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

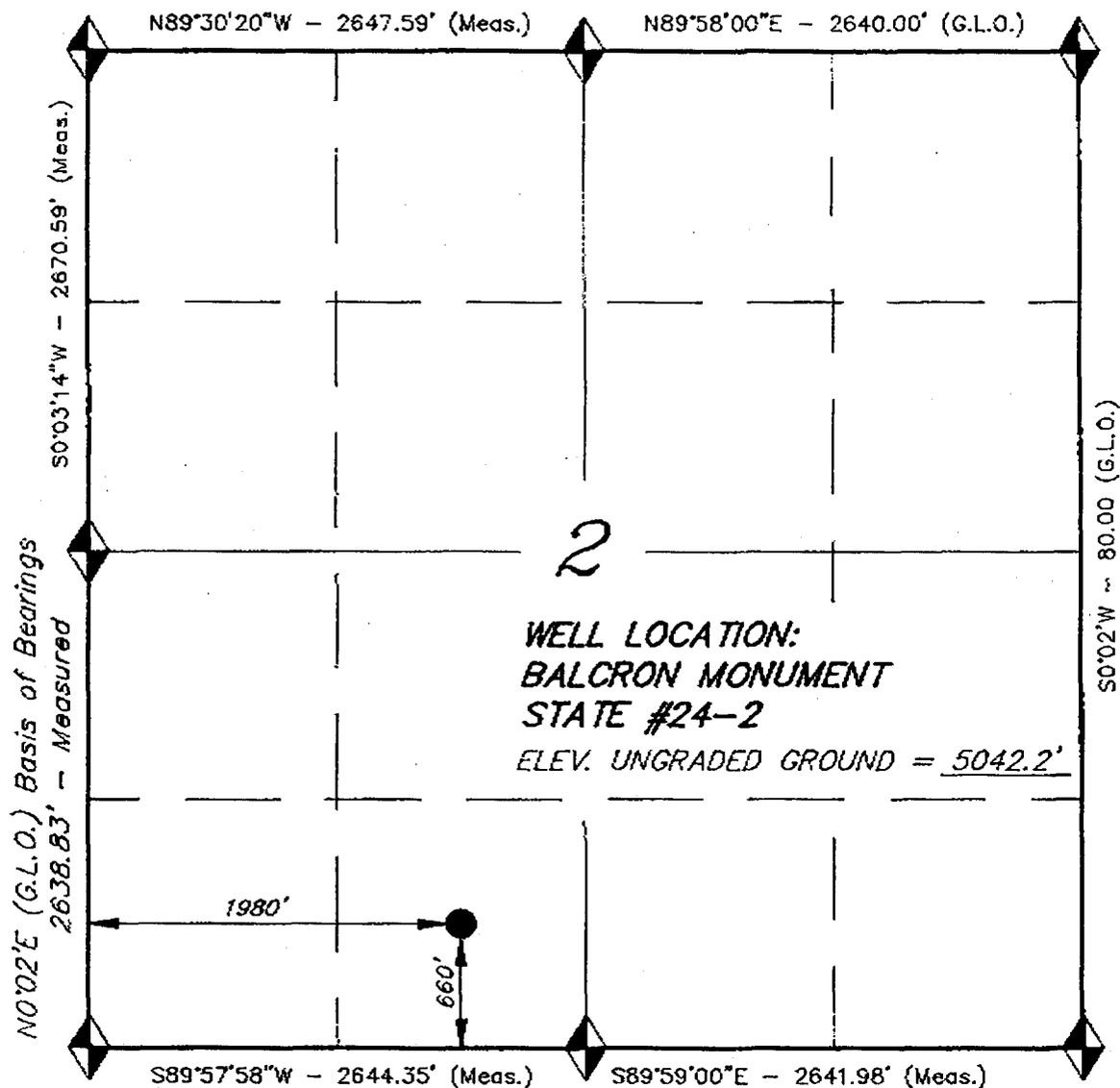
24. Name & Signature: Robbie Schuman Title: Regulatory and Environmental Specialist
APPROVED BY THE STATE

API Number Assigned: 43-047-32612 Approval: JAY Matthews
DATE: 12/29/94
WELL SPACING: R 649-32

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

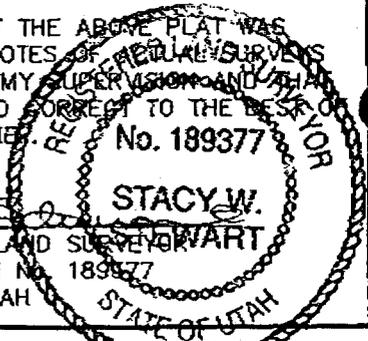
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT STATE #24-2, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 2, T9S, R17E, S.L.B.&M. UINTAH COUNTY, UTAH.



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

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



NO°02'E (G.L.O.) Basis of Bearings
 2638.83' - Measured

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

TRI STATE LAND SURVEYING & CONSULTING	
38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY G.S. S.S.
DATE: 11-14-94	WEATHER: COOL
NOTES:	FILE #24-2

MONUMENT BUTTE DRILLING PROGRAM

1

1995 DRILLING PROGRAM (State BATCH)

Balcron Monument STATE #12-2

SW NW Section 2, T9S, R17E

Duchesne County, Utah

1980' FNL, 660' FWL

Field: Undesignated

State Lease #ML-45555

PTD: 5,850' (Green River formation)

GL: 5097.14'

Balcron Monument STATE #13-2

NW SW Section 2, T9S, R17E

Duchesne County, Utah

2210' FSL, 604' FWL

Field: Undesignated

State Lease #ML-45555

PTD: 5,850' (Green River formation)

GL: 5077.1'

Balcron Monument STATE #22-2

SE NW Section 2, T9S, R17E

Uintah County, Utah

1980' FNL, 1980' FWL

Field: Undesignated

State Lease #ML-45555

PTD: 5,800' (Green River formation)

GL: 5047.36'

Balcron Monument STATE #23-2

NE SW Section 2, T9S, R17E

Uintah County, Utah

1980' FSL, 1980' FWL

Field: Undesignated

State Lease #ML-45555

PTD: 5,800' (Green River formation)

GL: 5081.86'

Balcron Monument STATE #24-2

SE SW Section 2, T9S, R17E

Uintah County, Utah

660' FSL, 1980' FWL

Field: Undesignated

State Lease #ML-45555

PTD: 5,700' (Green River formation)

GL: 5042.2'

MONUMENT BUTTE DRILLING PROGRAM

2

1995 DRILLING PROGRAM (State BATCH)

Balcron Monument STATE #32-2
SW NE Section 2, T9S, R17E
Uintah County, Utah
1980' FNL, 1980' FEL
Field: Undesignated
State Lease #ML-45555
PTD: 5,850' (Green River formation)
GL: 5076.1'

Balcron Monument STATE #34-2
SW SE Section 2, T9S, R17E
Uintah County, Utah
800' FSL, 1980' FEL
Field: Undesignated
State Lease #ML-45555
PTD: 5,750' (Green River formation)
GL: 5069.43'

12/7/94
/rs

**Equitable Resources Energy Company
Balcron Oil Division**

DRILLING PROGRAM

WELL NAME: Monument State #24-2 PROSPECT/FIELD: Monument Butte
LOCATION: SE SW Sec.2 Twn.9S Rge.17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5700'

HOLE SIZE INTERVAL

=====

12 1/4"	Surface to 260'
7 7/8"	260' to 5700' (TD)

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 lb/ft	J55
Production Casing	0	5700	5 1/2"	15.50	K55

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

CEMENT PROGRAM

=====

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

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	Surf	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	5700	8.7-8.9	N.A.	N.A.

COMMENTS

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument State 24-2
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2036 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,700	5-1/2"	15.50	K-55	ST&C	5,700	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2606	4040	1.550	2606	4810	1.85	88.35	222	2.51 J

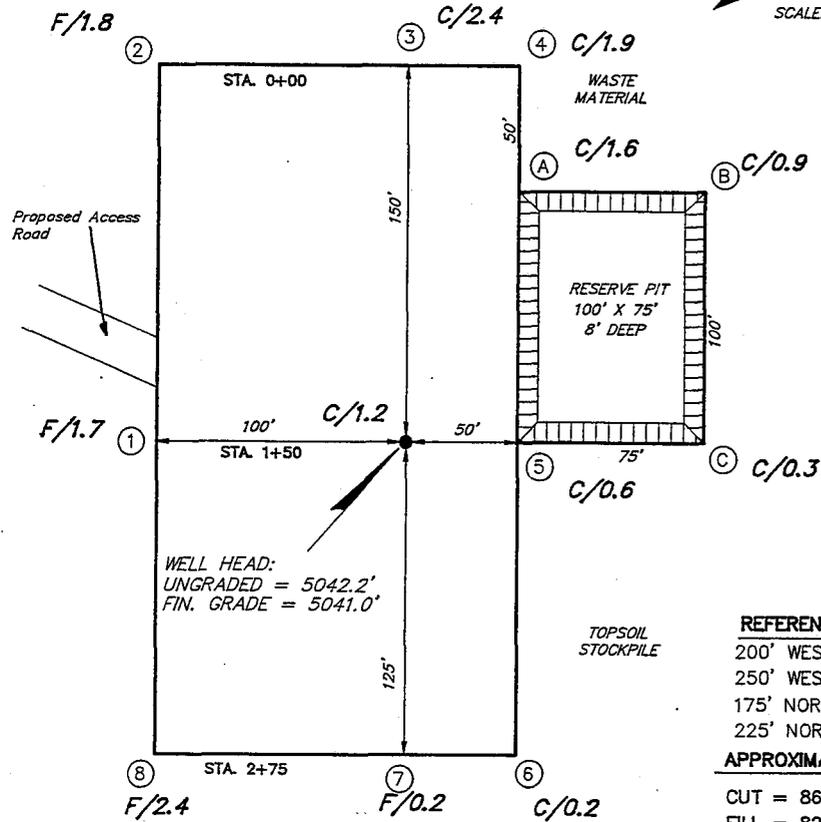
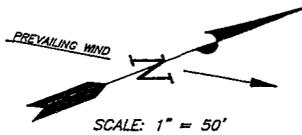
Prepared by : McCoskery, Billings, MT
 Date : 12-06-1994
 Remarks :

Minimum segment length for the 5,700 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,606 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 ENERGY CO.

BALCRON MONUMENT STATE #24-2
SECTION 2, T9S, R17E, S.L.B.&M.

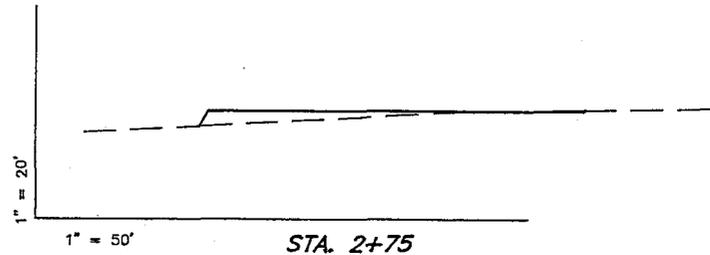
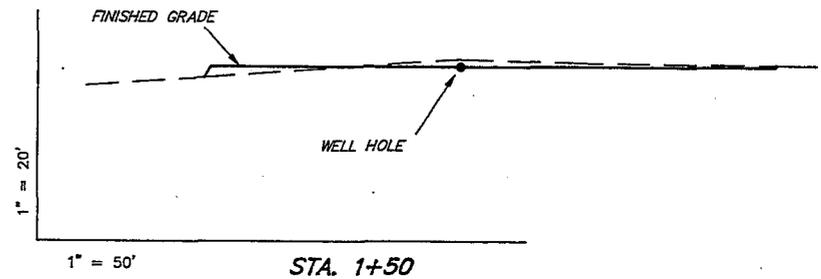
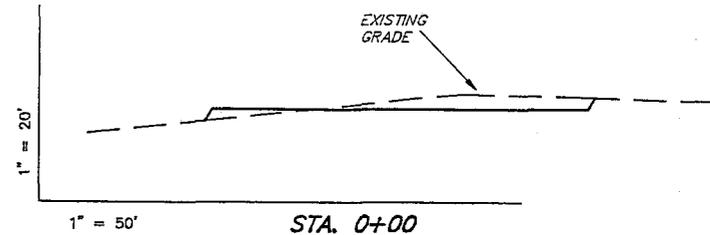


REFERENCE POINTS

- 200' WEST 5044.3'
- 250' WEST 5045.35'
- 175' NORTH 5041.2'
- 225' NORTH 5040.4'

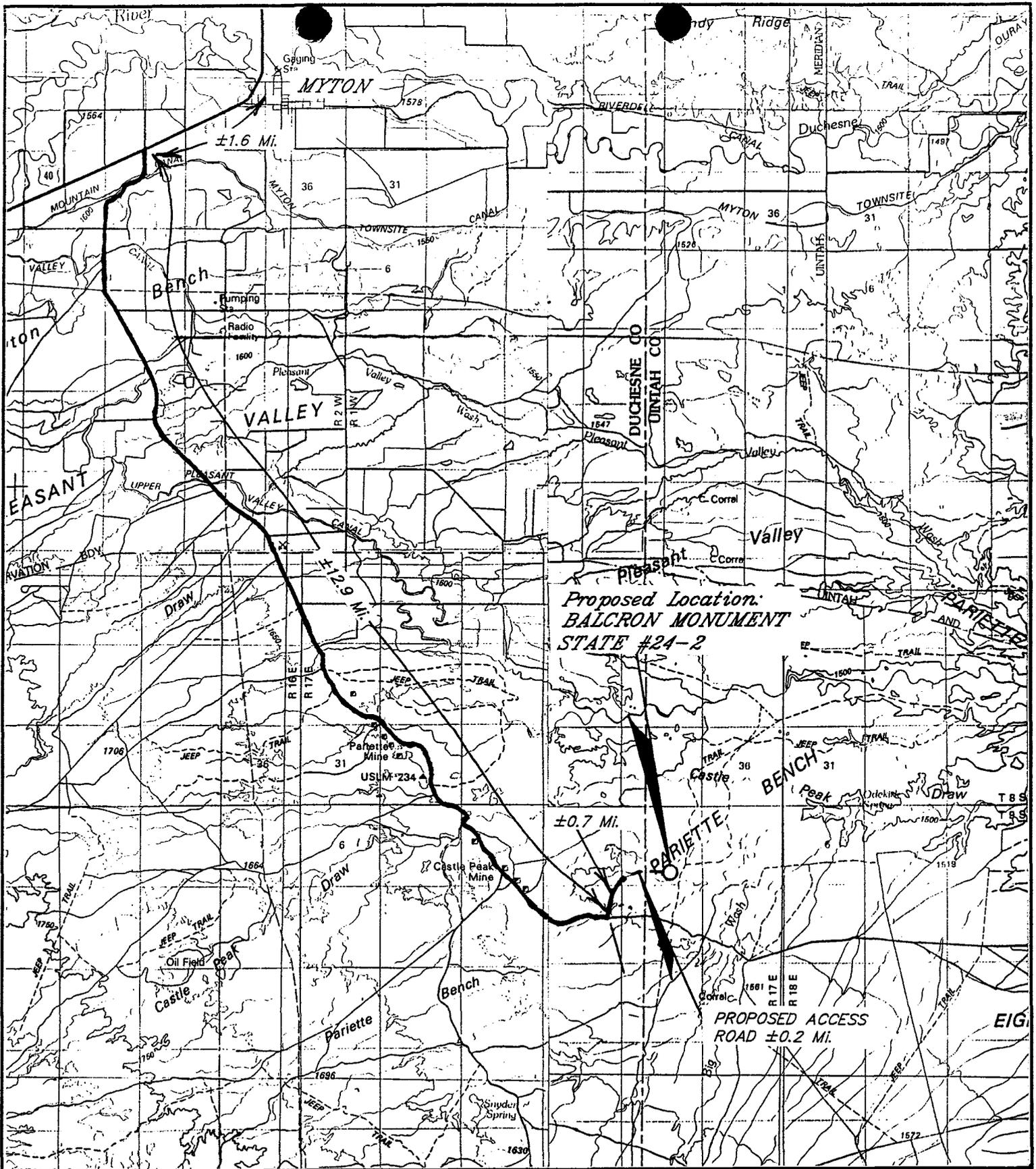
APPROXIMATE YARDAGES

- CUT = 860 Cu. Yds.
- FILL = 820 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: G.S. R.H.
DRAWN BY: R.E.H.
DATE: 11-21-94
SCALE: 1" = 50'
FILE: 24-2 STATE

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

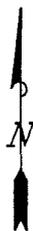


Proposed Location.
BALCRON MONUMENT
STATE #24-2

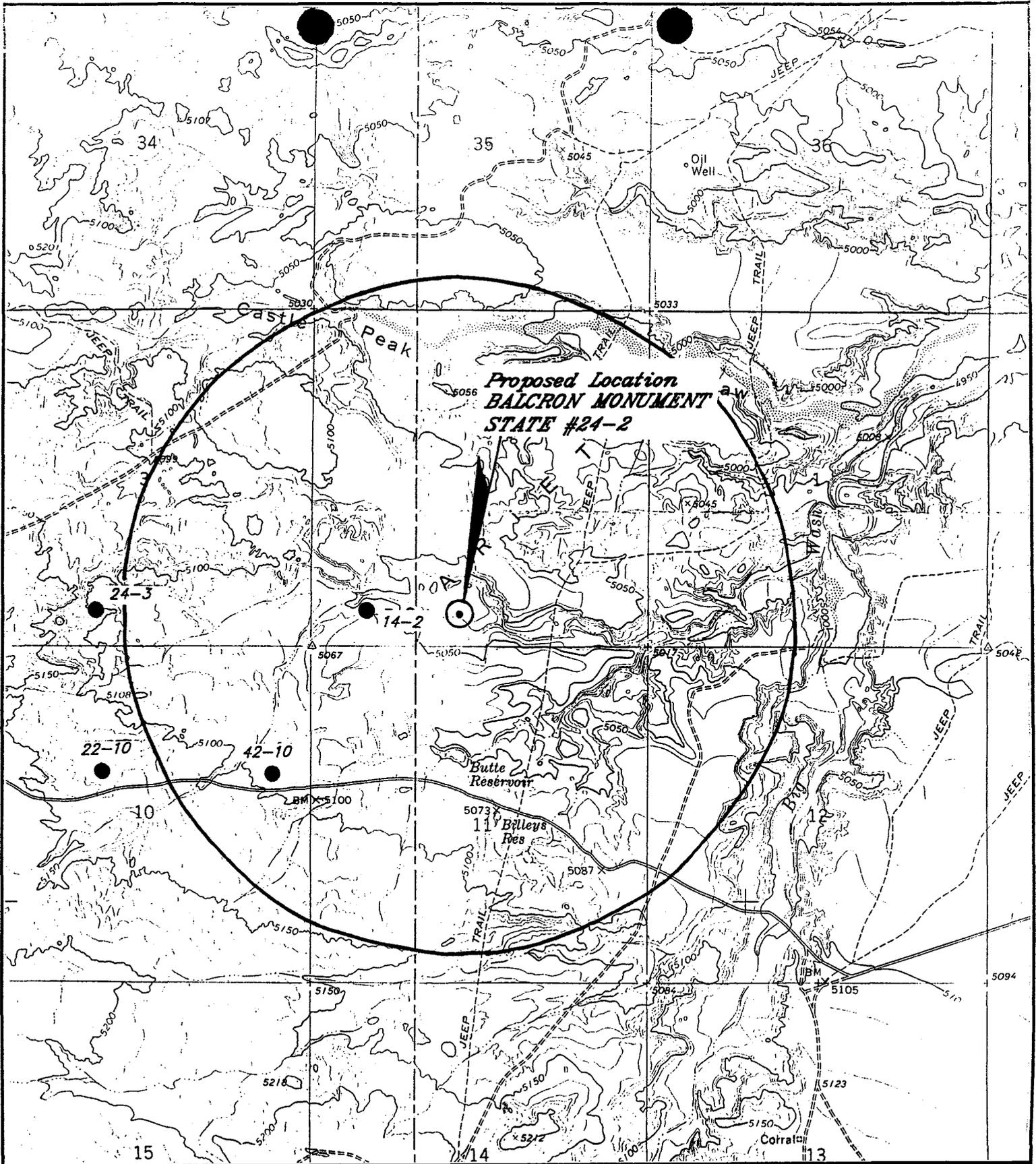
PROPOSED ACCESS
ROAD ±0.2 MI.

EQUITABLE RESOURCES CO.

BALCRON MONUMENT STATE #24-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "A"



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



*Proposed Location
BALCRON MONUMENT
STATE #24-2*



EQUITABLE RESOURCES ENERGY CO.

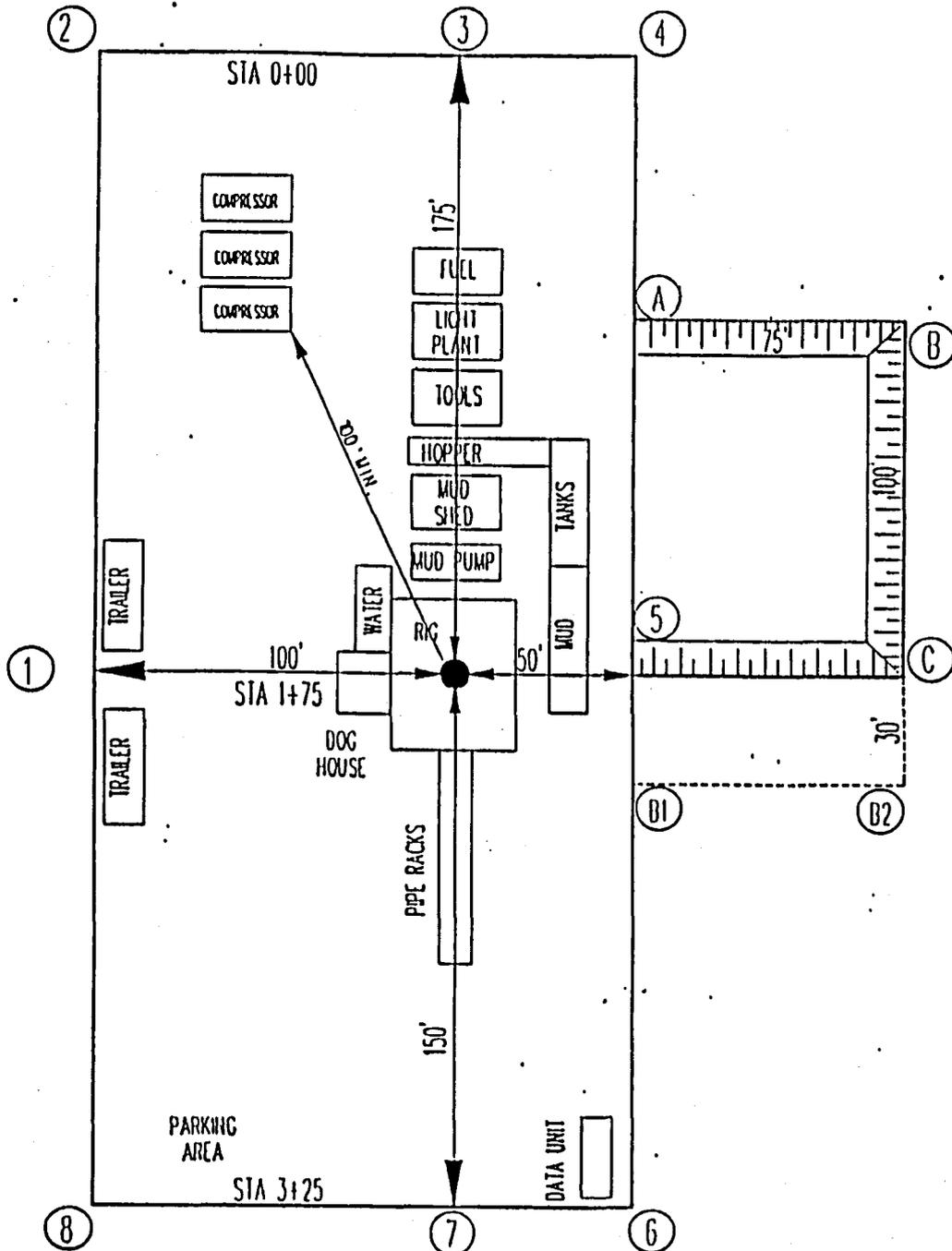
*BALCRON MONUMENT STATE #24-2
SECTION 2, T9S, R17E, S.L.B.&M.
TOPO "C"*



SCALE: 1" = 2000'

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

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



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

UNION DRILLING RIG #17 Hex Kelly

ROTATING HEAD

AIR BOWL

#3000
BLIND RAM-PIPE RAM

3" GATE VALVE

ADJ. CHOKE

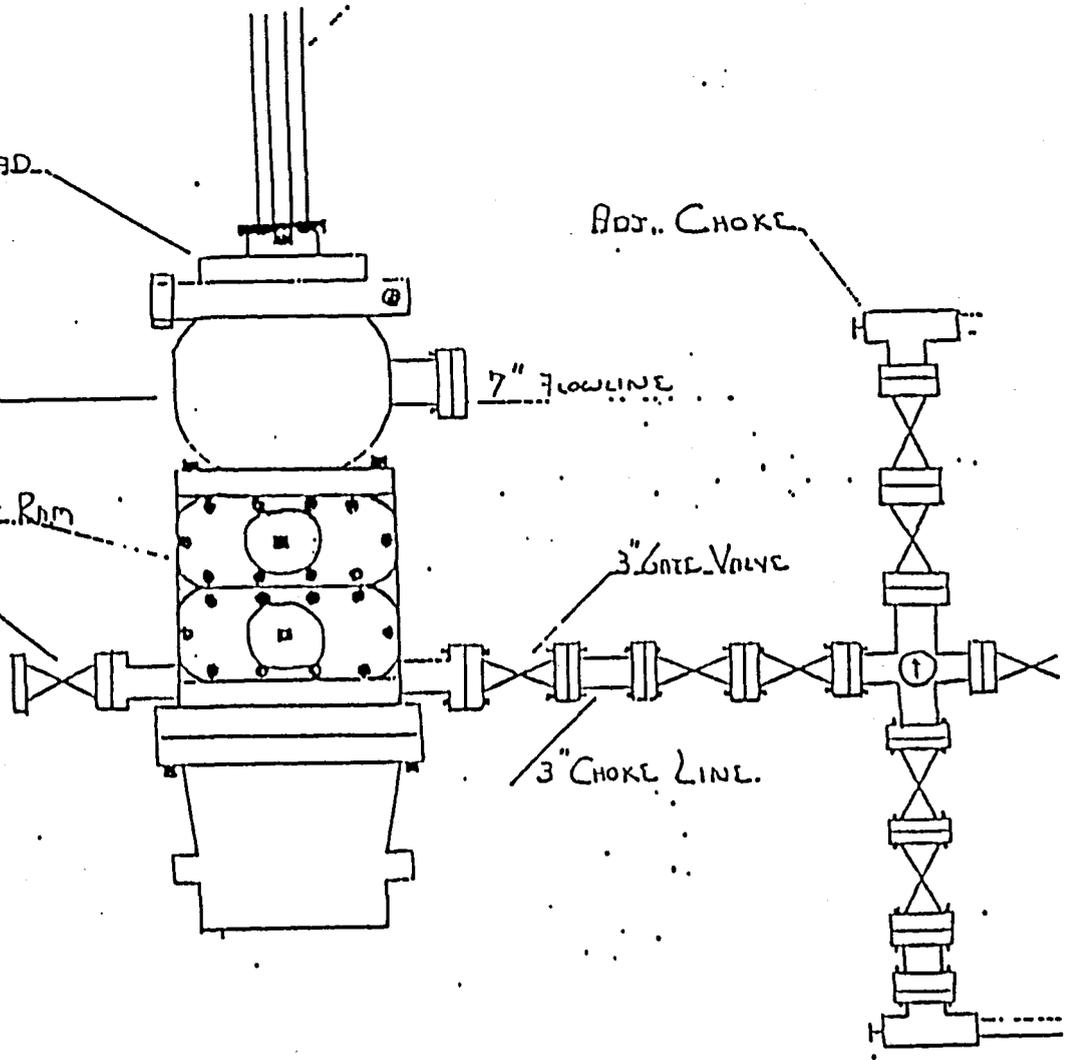
7" FLOWLINE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK



APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1674

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

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

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is Joe Shields

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

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

5. The water is to be used for Stockwatering & Other from _____ to _____
(Major Purpose) (Month) (Day) (Month) (Day)

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

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

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

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

which is tributary to _____, tributary to _____

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

8. The point of diversion from the source is in Duchesne County, situated at a point West 900 ft. South 1100ft. from E½ Cor. Sec. 15, T4S, R2W, USB&M
(¾ Miles SW of Myton)

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

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

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

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE¼SE¼ Sec. 15, T4S, R2W, USB&M

_____ Total .25 Acres

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

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

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

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

16. If application is for stockwatering purposes, number and kind of stock watered 120 Cattle
in NE¼SE¼ Sec. 15, T4S, R2W, USB&M

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

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

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

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

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

EXPLANATORY

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

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

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

Signature of Applicant

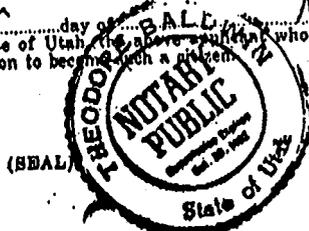
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below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

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah County of

On the 10th day of May 1922, personally appeared before me, a notary public for the State of Utah, the above named who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



Theodore Baldwin Notary Public

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/08/94

API NO. ASSIGNED: 43-047-32612

WELL NAME: BALCRON MONUMENT STATE 24-2
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
SESW 02 - T09S - R17E
SURFACE: 0660-FSL-1980-FWL
BOTTOM: 0660-FSL-1980-FWL
UINTAH COUNTY
EIGHTMILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: 01/05/95		
TECH REVIEW	Initials	Date
Engineering	<i>JMM</i>	12/29/94
Geology	<i>D</i>	12/29/94
Surface	<i>DI</i>	12/13/94

LEASE TYPE: STA
LEASE NUMBER: ML-45555

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: *1. Reserve pit ~~to~~ ^{will} be ^{constructed} on north side of location.*

CONFIDENTIAL
PERIOD
EXPIRES
4-16-96

22-2
24-2

12-2 •
13-2 •
23-2 •
32-2 •
34-2 •

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

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

31-19Y •
32-19Y •
42-19Y •
12-20Y •

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: EQUITABLE RESOURCES ENERGY CO.
NAME: BALCRON MONUMENT STATE #24-2
SECTION: 2 TWP: 9S RNG: 17E LOC: 660' FSL 1980' FWL
QTR/QTR SE/SW 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 2400' F ANOTHER
WELL

STANDARD STATE SPACING R 649-3-2

INSPECTOR: DENNIS L. INGRAM DATE AND TIME: 12/13/94 9:15 AM

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

REGIONAL SETTING/TOPOGRAPHY: SITE IS LOCATED APPROXIMATELY 4000
FEET SOUTH OF CASTLE PEAK DRAW IN ARID DESERT HABITAT, AND TO
SOUTH OF ROCKY OUTCROPPING ON DESERT BENCH. PROPOSED LEASE IS
300 FEET NORTH OF WASH; WASHES COULD SEE RUN-OFF IN STORMY
WEATHER.

LAND USE:

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

PROPOSED SURFACE DISTURBANCE: LOCATION 225' X 275' WITH 1000'
ACCESS ROAD (WILL CROSS WASH).

AFFECTED FLOODPLAINS AND/OR WETLANDS: AREA COULD SEE SOME
FLOODING DURING STORMS BUT IS NOT A WETLAND.

NOR IS AREA A WETLAND.

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

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SAND WITH SOME
CLAY PRESENT.

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

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

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED AT SITE.

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: GREEN RIVER FORMATION, B1 AND B2 SANDS.
5700' TD

ABNORMAL PRESSURES-HIGH AND LOW: NONE EXPECTED.

CULTURAL RESOURCES/ARCHAEOLOGY: ARCHAEOLOGY REPORT TO BE
SUBMITTED TO DOGM OFFICE.

CONSTRUCTION MATERIALS: CUT AND FILL AS NECESSARY.

SITE RECLAMATION: AS REQUIRED BY STATE LANDS.

RESERVE PIT

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

LINING: A 12 MIL PLASTIC LINER WILL BE NECESSARY.

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

DRILLING WATER SUPPLY: JOE SHIELDS #47-1674

OTHER OBSERVATIONS

STIPULATIONS FOR APD APPROVAL RESERVE PIT PLACED ON 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). WELL HAS BEEN MOVED BUT IS IN ACCEPTABLE LIMITS.



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 29, 1994

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

Re: Balcron Monument State #24-2 Well, 660' FSL, 1980' FWL, SE SW, Sec. 2, T. 9 S., R. 17 E., Uintah County, Utah

Gentlemen:

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

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

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

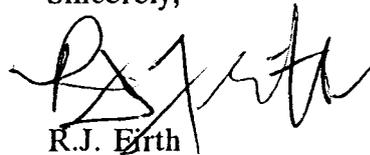


Page 2
Equitable Resources Energy Company
Balcron Monument State #24-2 Well
December 29, 1994

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

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 43-047-32612.

Sincerely,



R.J. Eirth
Associate Director

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

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON MONUMENT FEDERAL 24-2

Api No. 43-047-32612

Section 2 Township 9S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/2/95

Time _____

How ROTARY

Drilling will commence _____

Reported by D. INGRAM-DOGM

Telephone # _____

Date: 2/2/95 Signed: JLT

2-9-95

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
FEB - 8 1995

SUNDRY NOTICES AND REPORTS ON WELLS

DIV OF OIL, GAS & MINING

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: ML-45555
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. Unit Agreement Name: n/a
4. Location of Well Footages: 660' FSL & 1980' FWL QQ, Sec., T., R., M.: SE SW Section 2, T9S, R17E	8. Well Name and Number: Balcron Monument State #24-2
	9. API Well Number: 43-047-32612
	10. Field and Pool, or Wildcat: Undesignated/Green River
	County: Uintah State: Utah

CONFIDENTIAL

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

This well was spud on 2-3-95 at 9:30 a.m.

13. Name & Signature: Bobbie Schuman, *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: 2-6-95

(This space for State use only)

WELL REPORT
Monument Butte Field

Balcron Oil, Inc.
State 24-2
SE SW Sec 2-T9S-R17E

Unitah County

Utah

43 047 32612

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FRANK A RADELLA, INC.

Oil & Gas Exploration & Consulting
1601 Lewis Suite 202E
Billings, Montana 59102

FRANK A. RADELLA
OFC. 406-245-5375

RES. 656-7215

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

Balcron Oil, Inc.
Monument Butte State 24-2
SE SW Sec 2-T9S-R17E
Uintah County, Utah

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1	Location Plat
2	General Statistics
3	Surface Casing
3	Production Casing
4	Dual Laterolog Tops
5	Mud Log Shows and Potential Production Zones
6	Penetration Chart
7	Surveys and Bit Record
8	Drilling Fluid Data and Cost
9-10	Drilling History
11-17	Sample Descriptions
Insert	Drill Time Log

by

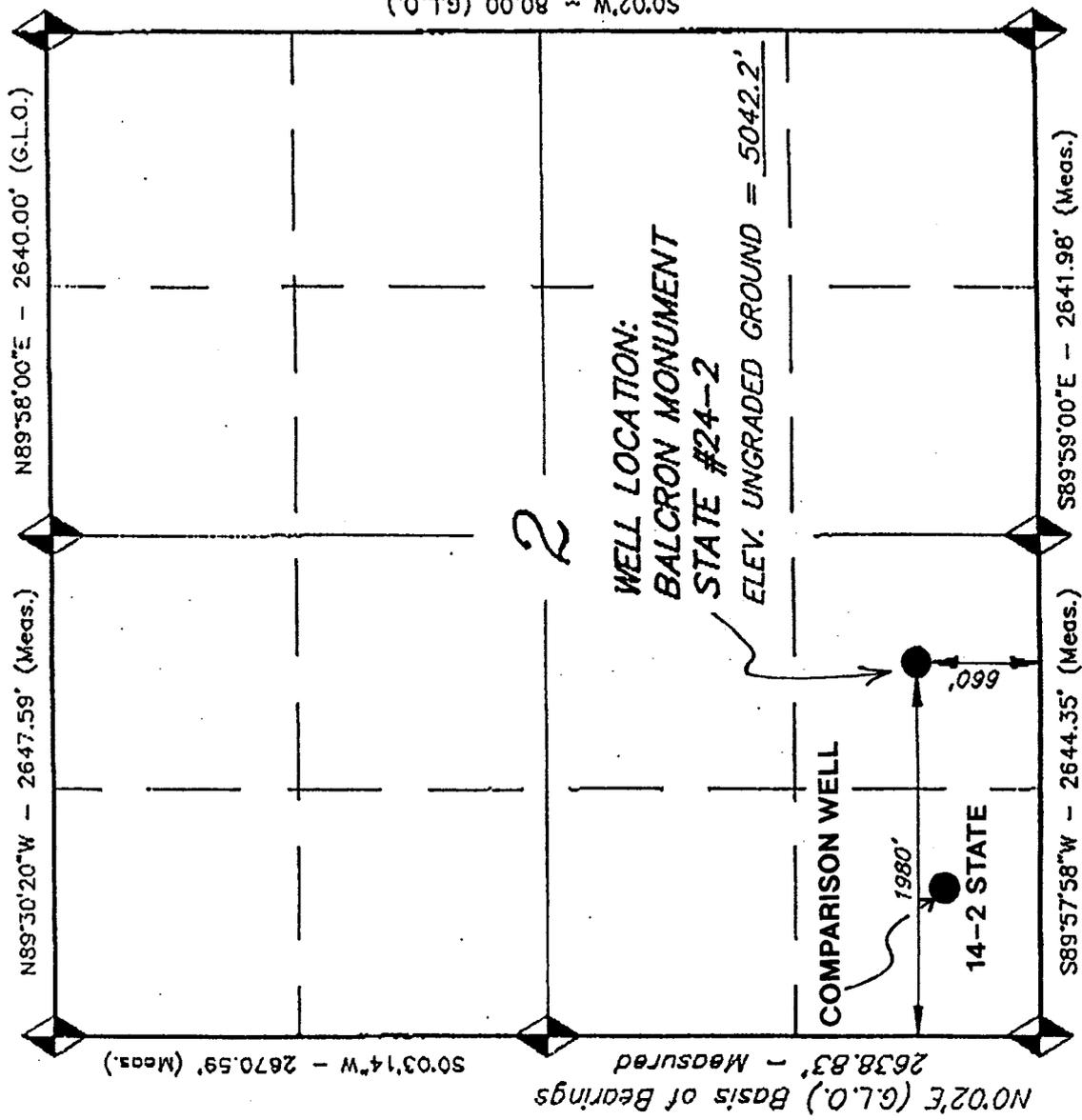
FRANK A. RADELLA
Certified Petroleum Geologist

AIPG

AAPG

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

EQUITABLE RESOURCES ENERGY CO.



N89°30'20"W - 2647.59' (Meas.)

N89°58'00"E - 2640.00' (G.L.O.)

50°02'E (G.L.O.) Basis of Bearings
2638.83' - Measured

50°02'W - 80.00' (G.L.O.)

**WELL LOCATION:
BALCRON MONUMENT
STATE #24-2
ELEV. UNGRADED GROUND = 5042.2'**

COMPARISON WELL

14-2 STATE

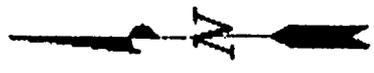
S89°57'58"W - 2644.35' (Meas.)

S89°59'00"E - 2641.98' (Meas.)

= SECTION CORNERS LOCATED

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

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



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

STACY W. HART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 189377
STATE OF UTAH

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

SCALE: 1" = 1000' SURVEYED BY G.S. S.S.

DATE: 11-14-94 WEATHER: COOL

NOTES: FILE #24-2

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

OPERATOR: Balcron Oil, Inc.

WELL NAME: Monument Butte State 24-2

LOCATION: SE SW Sec 2(660' FSL x 1980' FWL)
T9S-R17E

COUNTY: Uintah

STATE: Utah

ELEVATIONS: GL 5042', KB 5052'

SPUD DATE: 2-3-95 @ 8:00 AM

OUT FROM UNDER SURFACE CASING: 2-4-95 @ 8:00 AM

REACHED T.D.: 2-10-95 @ 11:15 AM

RIG RELEASE: 2-11-95 @ 7:30 PM

DAYS SPUD THROUGH LOGGING 9 TO RIG RELEASE: 9

TOTAL DEPTH: 5700' Driller, 5688' Logger

HOLE SIZE: 17" 0-24', 12 1/4" 24-280', 7 7/8" 280-5700'

STATUS: To complete as an oil well

PENETRATION: 300' below Carbonate Marker

GEOLOGIST: Frank A. Radella, Consulting Geologist

DRILLING ENGINEER: Al Plunkett - Consultant

LOGGING PROGRAM: Schlumberger - Unit # 8426, Vernal, Utah
George Tracey - Operator, Maxis Unit
Dual Laterolog 261 - 5685'
Integrated Porosity Litholog 3600 - 5685'

LOST CIRCULATION OR
DRILLING PROBLEMS: None

DRILL TIME LOG: 2" = 100' 1700 - 3900'
5" = 100' 3900 - 5700'

SAMPLE DISPOSAL:

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

MUD LOGGING EQUIPMENT:

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

CORES:

None

DST's

None

SURFACE CASING:

6 Jts of 8 5/8" casing set @ 263' RKB w/160 sx.
See page 11 for details.

PRODUCTION CASING:

135 Jts of 5 1/2" csg set @ 5678.77 RKB w/4654 sx
See page 12 for details.

Balcron Oil, Inc.
 Monument Butte State 24-2
 SE SW Sec 2-T9S-R17E
 Uintah County, Utah

KB 5052'

<u>Dual Laterolog Tops</u>	<u>Depth</u>	<u>Datum</u>	<u>Position of 24-2 Compared to 14-2*</u>
Uintah	Surface		
Green River	1384	(+3668)	19' Low
Horsebench Sandstone	2262	(+2790)	23' Low
2nd Garden Gulch	3789	(+1263)	8' Low
Y-2 Sandstone Pay	4078	(+974)	5' Low
Yellow Marker	4406	(+646)	18' Low
Douglas Creek	4566	(+486)	18' Low
R-2 Sandstone Poss. Pay	4648	(+404)	NC
R-5 Sandstone Pay	4720	(+332)	NC
2nd Douglas Creek	4813	(+239)	24' Low
Green Marker	4957	(+95)	28' Low
G-5 Sandstone Pay	5110	(-58)	NC
Black Shale Facies	5242	(-190)	NC
Carbonate Marker	5400	(-348)	17' Low
B-1 Sandstone	5434	(-382)	16' Low
B-2 Sandstone	5492	(-440)	21' Low
T.D. Driller	5700'		
T.D. Logger	5688'		

*NC - No Comparison

*Comparison Well: Balcron Oil
 State 14-2
 SW SW Sec 2-T9S-R17E
 located +/- 1200' due west of 24-2

MUD LOG SHOWS AND POTENTIAL PRODUCTION ZONES

Balcron Oil
Monument Butte State 24-2
SE SW Sec 2-T9S-R17E
Uintah County, Utah

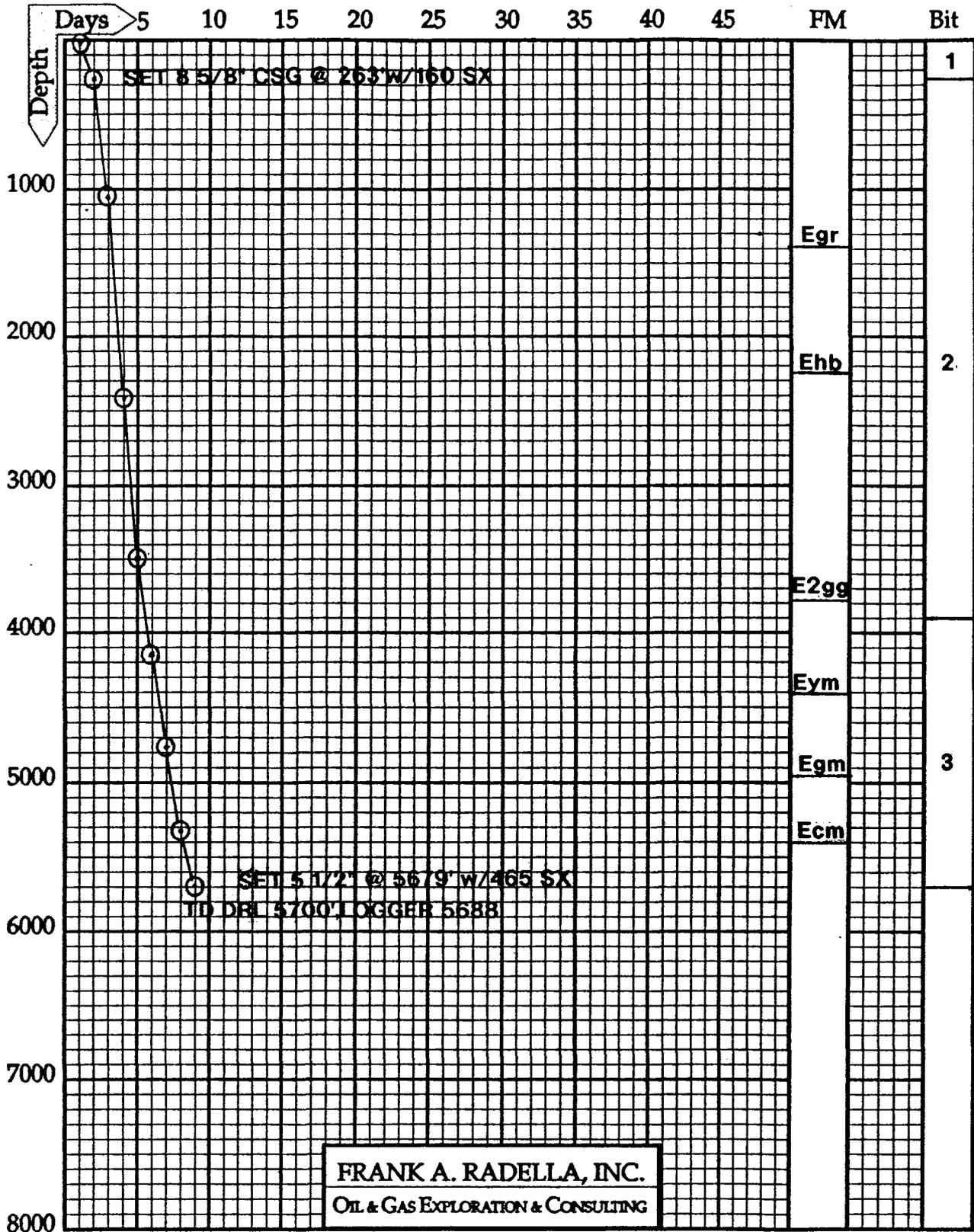
Zone	Depth *	Drill Rate mpf			Total Gas			Chromatograph %				Geologist Observations	Potential Production
		Before	During	After	Before	Peak	After	C ₁	C ₂	C ₃	C ₄		
Y-2 Sandstone	4078-4090	2	1-1 1/2	2+	6	120	20	1.25	.6	.5	.6	S.S. - poor to fair vis por, good oil sat, gd stm ct, oil on pits.	Fair-Good
Y Sandstone	4104-4115	2 1/2	1-2	2 1/4	20	80	20	.5	-	-	-	S.S. - trace oil stain, poor show, good log por.	Poor to Fair
Y Sandstone	4262-4268	1	3/4	1	30	100	30	.95	-	-	-	Shale in samples Log CNL-Den Cross over	Log Anomaly poss gas
R-2 Sandstone	4648-4654	2 1/2	1 1/2	2	80	500	100	5	.6	3	.4	S.S. - lt tan oil stn, slow fair cut.	Fair
R-5 Sandstone	4720-4728	2	2 1/2	2	100	100	100	1	-	-	-	S.S.- tight.	Poor
R-5 Sandstone	4731-4742	2	2	2	100	350	100	3.5	3	3	3	S.S. - lt tan, tr spty oil stn, tr good stn, poor por.	Fair
G-5 Sandstone	5516-5524	2	1 1/2	2	140	200	140	2	-	-	-	No sand in samples, pr-fr log por.	Poor
B-1 Sandstone	5434-5436	3	3	3	200	200	200	2	-	-	-	No sand in samples, no break	Poor
B-1 Sandstone	5438-5458	3	1 3/4	2 1/2	200	600	180	6	.4	.2	.2	S.S. - f-gd oil stn, grn gold fluor, pr por	Poor to Fair
B-2 Sandstone	5492-5500	3	1 1/2	1 3/4	160	500	200	5	.2	.05	.1	S.S. - spotty oil stn, wk stm cut, pr por	Poor to Fair

* Depths are corrected to CNL-Density Log Depth

PENETRATION CHART

BALCRON OIL STATE 24-2

Total Days 9 Logs 2 IN 2 RUNS
 Total Bits 3 Rotating Hours 136



FRANK A. RADELLA, INC.
 OIL & GAS EXPLORATION & CONSULTING

Drilling Fluid Data

Balcron Oil, Inc.
Monument Butte State 24-2
SE SW Sec 2-T9S-R17E
Uintah County, Utah

<u>Date</u>	<u>Depth</u>	<u>WT</u>	<u>Vis</u>	<u>Ph</u>	<u>Chl</u>	<u>KCL%</u>	<u>Daily Cost</u>	<u>Cum Cost</u>
2-4-95	280	8.4	26	-	-	-	\$ 100	\$ 100
2-5-95	1636	8.4	26	10	8600	-	100	200
2-6-95	2810	8.5	26	10	8600	1.8	100	300
2-7-95	3897	8.5	26	10	8600	1.8	150	450
2-8-95	4383	8.5	26	10	8500	1.7	150	600
2-9-95	5009	8.5	26	10	8400	1.6	150	750
2-10-95	5553	8.5	26	10.5	8500	1.7	100	850
2-11-95	5700	8.5	26	10.5	8500	1.7	<u>100</u>	<u>950</u>
Field Totals							\$ 950	\$ 950

Balcron Oil, Inc.
Monument Butte State 24-2
SE SW Sec 2-T9S-R17E
Uintah County, Utah

Drilling History

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

<u>Day</u>	<u>Date</u>	<u>Depth and activity at report time.</u>
1.	2-3-95	<u>Depth 0; Rigging Up:</u> Spud 12 1/4" Surface hole @ 9:30 AM on 2-3-95. Drill with air and foam. Drilled to 280'. Condition hole, trip out. Ran 6 Jts (253') 24#/ft. J-55 8 5/8" casing set @ 263' RKB cement w/160 sx Class "G" + 2% CaCl, 1/4#/sk of Celloseal. Plug down @ 6:30 PM on 2-3-95. Circulate 4 bbl. to pit. Drilled 280' in 3 1/2 Rotating Hours (RH), Cumulative Rotating Hours (Cum RH) 6 1/4.
2.	2-4-95	<u>Depth 280'; Waiting on Cement:</u> Cut casing, weld on well head and test head. Nipple up BOP, pressure test. Trip in hole, Drill cement, Drilled out from under surface casing with 7 7/8" Bit #2 and air-foam @ 8:00 AM on 2-4-95. Drilled to 1058'. Drilled 778' in 12 3/4 RH, Cum RH 19.
3.	2-5-95	<u>Depth 1058'; Drilling:</u> Drill, survey, cut drill line, drilled to 2410'. Drilled 1352' in 22 RH, Cum RH 41.
4.	2-6-95	<u>Depth 2410'; Drilling:</u> Drill, check BOP, survey. Drilled to 3492'. Drilled 1082' in 21 1/4 RH, Cum RH 62 1/4.
5.	2-7-95	<u>Depth 3492'; Drilling:</u> Drilled to 3897', Clean hole w/air and foam. Load hole with KCL water, run sweep and circulate. Trip out with Bit #3, in with Bit #4. Drilled to 4146'. Drilled 654' in 17 1/4 RH, Cum RH 79 1/2.
6.	2-8-95	<u>Depth 4146'; Drilling:</u> Drill check BOP, Survey. Drilled to 4780'. Drilled 634' in 23 1/2 RH, Cum RH 103.
7.	2-9-95	<u>Depth 4780'; Drilling:</u> Drill, check BOP. Trip @ 5271' for hole in drill pipe. Laid down 5 Jts. Drilled to 5312'. Drilled 532' in 19 3/4 RH, Cum RH 122 3/4.

8. 2-10-95 Depth 5312'; Drilling:
 Reach T.D. @ 5700' @ 11:15 Am on 2-10-95. Run sweep and circulate hole 3/4 hr; 3 1/2 hrs. trip out for logger. Rig up to log @ 3:30 PM. Ran porosity log on first run with no problems, could not stack. Ran Dual Laterolog on second run, ran had tool problems.
 Drilled 383' in 11 1/4 RH, Cum RH 134.

9. 2-11-95 T.D. @ 5700'; Logging:
 Finished logging @ 3:00 AM. Trip in with drill pipe and drill collars and lay down same. Rig up power tongs and Ran 5 1/2" casing as follows:

guide shoe	.60'
1 Jt 5 1/2" 15.50#/ft. shoe joint	42.10'
float collar	1.00
134 Jts 5 1/2" 15.50#/ft. J-55 casing	<u>5626.07</u>
	<u>5669.77'</u>
landing joint	<u>9.00</u>
	<u>5678.77</u>
PBTD	5635.07
20 centralizers	

Cemented by Western with 230 sx Super "G" + 47#/sx "G", 20#/sx POZ, 17#/sk GSE, 3% Salt, 2% Gel, 1/4#/sk Celloseal, 2#/sk Hi Seal, 5#/sk Hi Seal in first 50 sx. Followed by 225 sx 50-50 POZ + 2% Gel, 1/4#/sk Celloseal and 2#/sk Hi Seal. Plug down @ 3:30 PM on 2-11-95. Rig Release @ 7:30 PM on 2-11-95.

Balcron Oil, Inc.
Monument Butte State 24-2
SE SW Sec 2-T9S-R17E
Uintah County, Utah

Sample Descriptions

by
Frank A. Radella

Samples run wet and dry at the wellsite. Cutting agent was trichlorothene. Geologist on location from 2000' to T.D. and for logs. Descriptions are corrected to Dual Laterolog depths. Shows of oil are underlined. Log tops are noted below. Drill cuttings were extremely fine but were of good quality unless noted otherwise.

A two man mud logging unit (Northwest Well Logging Service) with hot wire and chromatograph was utilized from 1700' to T.D. Lagged samples were caught by the mudloggers. The drill fluid was air and mist to 3897' and KCL water was used from 3897' to T.D. at 5700'. The loggers' T.D. was 5688', 12 feet shallow to the driller's T.D. of 5700'. Matching drill time to the DLL requires a 10 foot uphole correction of the drill time.

Sand Grain Size Parameters

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

Sample Program

1700 - 3900'	50' samples
3900 - 5700'	30' samples
Selected Intervals	10' samples

50' Lagged Samples

1700 - 1750	Oil Shale: light tan, orange tan, dolomitic, trace silty to very fine sandy, <u>slow weak milky cut.</u>
1750 - 1800	Shale: as above; 5% loose quartz grains, fine to medium, sub angular.
1800 - 1850	Increase in loose quartz grains, as above; Shale: as above.

- 1850 - 2150 Oil Shale: light orange tan, dolomitic, trace pyritic, sub platy, floats in acid, weak milky cut, trace loose quartz grains, as above.
- 2150 - 2200 Shale: medium to dark gray brown, calcareous, firmer than the orange tan shale, sub blocky, milky cut to slow weak streamer cut when crushed; trace of Pyrite; trace Shale: orange, tan, as above.
- 2200 - 2250 10% Sandstone: light gray to light gray tan, very fine to fine grained, angular to sub angular, few tight clusters, dolomitic cement, no visible porosity in clusters, mostly loose grains, trace with medium brown oil stain, pale fluorescence, fair streamer cut, don't believe sand is unconsolidated in place; Shale: as above.

HORSEBENCH SANDSTONE 2262' (+2790')

- 2250 - 2300 60% Sandstone: light gray tan, trace salt and pepper, no visible porosity, fair streamer cut from most chips, clusters appear tight, about 1/2 of sand consists of loose grains of very fine to fine, angular to sub angular quartz; 40% Shale: as above.
- 2300 - 2350 Shale: tan, silty to very fine sandy, platy; 20% Sand and Sandstone; as above.
- 2350 - 2700 Shale: medium to dark brown, dolomitic, trace silty, oil shale, platy, trace pyritic; trace loose sand grains, very fine to fine.
- 2700 - 2750 Shale: as above; trace Sandstone: light gray tan, very fine to fine grained, sub angular, trace micaceous, pyritic, argillaceous, dolomitic, no fluorescence, slow weak streamer cut, poor show; Shale: tan to gray tan, trace of dark brown bleeding oil specks from matrix.
- 2750 - 2800 Shale: light tan to dark brown, waxy, trace silty, oil shale.
- 2800 - 2850 Sandstone: light gray to white, salt and pepper in part, very fine to fine grained, angular to sub angular, clear to milky quartz, few platy black grains, poor to fair sorting, pyritic, abundant cemented clusters, no porosity, no show.
- 2850 - 2900 Abundant loose quartz grains, fine to coarse, clear to milky white, angular to sub angular; trace of Sandstone clusters: as above; trace Shale: as above.
- 2900 - 3000 Shale: tan to pale orange tan, trace dark brown, waxy, oil shale; trace of Sandstone: as above.
- 3000 - 3050 Sandstone: very light gray, very fine grained, well sorted, dolomitic cement, no visible porosity, trace of spotty dark brown oil stain, poor show, few loose quartz grains, medium angular to sub angular, clear to opaque, pyrite.
- 3050 - 3100 Sandstone and loose grains: as above, slight increase in dark brown intergranular oil stain, poor porosity, fair streamer cut.

- 3100 - 3200 Shale: light orange tan, waxy, oil shale; trace of Sandstone: white, very fine grained, well sorted, well cemented, no porosity, no show.
- 3200 - 3250 Shale: light tan; gold mineral fluorescence; Limestone: white, micritic, blocky; trace of loose quartz grains; trace of Pyrite.
- 3250 - 3300 Sandstone: white, very light gray, very fine grained, no visible porosity; Shale: light tan to light gray tan, oil shale.
- 3300 - 3350 Shale: light gray, light tan, trace silty, pyritic oil shale; trace of Limestone: white, micritic, sub blocky.
- 3350 - 3400 Shale: tan, medium gray, pyritic, dolomitic, platy, oil shale.
- 3400 - 3450 Shale: cream to very light gray, trace silty, trace pyritic, platy, oil shale.
- 3450 - 3500 Shale: medium gray, trace silty, oil shale; Sandstone: light gray, trace salt and pepper, very fine to fine grained, poor to fair sorting, trace green grains, trace micaceous, argillaceous in part, slightly to moderately calcareous cement, no visible porosity.
- 3500 - 3550 Shale: medium gray, silty; trace of Shale: gray tan; trace of Sandstone: white, very fine grained, siliceous, platy, no porosity, no show.
- 3550 - 3600 Sandstone: white, light tan, fine to medium grained, sub angular quartz, dolomitic cement, trace pyritic, no visible porosity, bleeding dark brown oil in 20% of clusters, fair to good instant streaming cut, fair to good show in poor apparent reservoir, moderate amount loose quartz grains, fair to medium, angular to sub angular; Shale: light gray, medium brown, bleeding oil in 10% of chips.
- 3600 - 3650 Shale: light to dark brown, dolomitic, platy, oil shale.
- 3650 - 3700 trace of Shale: pale green to green gray, slightly dolomitic, platy; Shale: tan to brown, dolomitic oil shale, platy.
- 3700 - 3750 trace of Sandstone: white, very fine grained, well sorted, no porosity, no show; Shale: light tan to light gray; trace of loose ostracod fragments, light tan.
- 3750 - 3800 Sandstone: white, light gray, very fine to fine grained, trace green grains, no visible porosity, trace spotty dark brown oil stain, poor show; Shale: light gray, green-gray, trace silty to fine sandy.

2nd GARDEN GULCH 3789' (+1263')

- 3800 - 3850 Shale: light orange tan; Limestone: white to cream, micritic, platy to sub blocky, pale gold mineral fluorescence; trace of Sandstone: white, as above.

3850 - 3900 Sandstone: white to light tan, very fine grained, well sorted, sub angular, trace sub round, calcareous cement, no visible porosity, pale green-gold fluorescence, moderate amount of dark brown to black intergranular oil specks, slow fair blossom cut, fair show in poor apparent reservoir.

Trip for Bit. Switch from air to KCL water drilling fluid @ 3897'.

30' Samples

3900 - 3930 Sandstone: white, very fine grained, sub angular, well sorted, calcareous cement, no visible porosity, decrease in spotty oil specks, trace fair cut, as above; trace of Shale: light brown.

3930 - 3960 Shale: light gray, silty, calcareous, platy; Shale: light brown, dolomitic platy; Sandstone: as above, decreasing.

3960 - 3990 Shale: light gray, silty to fine sandy, calcareous, platy.

3990 - 4020 Shale: light gray, as above; Shale: medium to dark brown, trace orange brown.

4020 - 4050 Shale: medium to dark gray, medium brown; trace Sandstone: white, very fine grained, well sorted, well cemented, platy.

4050 - 4080 Shale: light gray, as above; increase in Sandstone: white, calcareous, well cemented, as above, no porosity, no show.

Y-2 SANDSTONE 4078' (+974')

4080 - 4090 Sandstone: light brown wet, medium brown dry, very fine grained, sub angular, well sorted, poor to fair visible porosity, moderately friable, good dark brown to black intergranular specks of live oil when wet, dries into even oil stain, pale spotty gold fluorescence, instant good streamer cut, good show.

4090 - 4100 Shale: medium gray, silty, trace very fine sandy, pyritic.

4100 - 4130 Sandstone: white, very fine grained, rare green and orange grains, calcareous, no visible porosity, spotty dark brown oil stain, poor show; Shale: gray, brown, orange tan; trace Sandstone: light gray, very fine grained, argillaceous, no porosity, no show.

4130 - 4230 Shale: light gray, dolomitic, trace silty, platy; trace of Shale: orange-brown, waxy, oil shale.

4230 - 4260 Shale: as above; with Shale: dark brown.

4260 - 4290 Shale: dark brown, dolomitic, no fluorescence, slow weak streamer cut; trace of Shale: as above.

4290 - 4320 Shale: light gray; trace of Shale: green-gray, tan and brown; trace of Sandstone: white, very fine grained, no porosity, no show.

4320 - 4350 Sandstone: white, very fine grained, fair to well sorted, few larger dark gray grains, white calcareous cement, no visible porosity, no show; grades to Shale: light gray, sandy.

4350 - 4380 Shale: gray, as above, trace silty and sandy.

4380 - 4410 Shale: dark gray brown, dolomitic, waxy, oil shale; trace of Shale: light to medium brown, as above.

YELLOW MARKER 4406' (+646')

4410 - 4500 Shale: light gray, trace silty, dolomitic, platy; trace Sandstone: white, very fine grained, well cemented, calcareous, no porosity, platy; Shale: orange tan, increasing.

4500 - 4530 Shale: orange tan, waxy; trace of Shale: light gray, as above; thin interbeds of Sandstone: white, very fine grained, calcareous, no porosity, no show.

DOUGLAS CREEK 4566' (+486')

4530 - 4620 Shale: orange tan, as above with few blobs of bleeding dark brown oil from matrix; trace Sandstone: as above, no porosity, no show; trace of Shale: pale green.

4620 - 4650 increase in Shale: pale gray-green, non calcareous, platy; Shale: orange tan, waxy, dolomitic, platy; trace of Sandstone: as above.

R-2 SANDSTONE 4648' (+404')

4650 - 4665 Sandstone: light tan, very fine grained, well sorted, sub angular quartz grains, poor porosity, slightly friable, slightly dolomitic cement, light tan oil stain, medium bright green gold fluorescence, slow fair streamer cut, moderate amount of dark brown-black oil droplets on the cuttings; Shale: orange tan, waxy; oil on the pits.

4665 - 4730 Shale: light gray, orange-tan, trace dark brown, dolomitic to calcareous, platy; Sandstone: light gray, very fine to trace medium grains, platy, argillaceous, no porosity, no show.

R-5 SANDSTONE 4720' (+332')

4730 - 4740 Sandstone: white, very light tan, very fine to fine, fair sorting, rare black grain, no visible porosity, trace spotty black oil stain, pale gold fluorescence, slow weak streamer cut, poor show overall, few chips with good oil stain, good cut; trace of Limestone: white, cream, micritic, platy; Shale: orange, tan; moderate amount oil blobs on cuttings.

4740 - 4770 Shale: gray, orange tan; trace of Sandstone: white, very fine grained, well cemented, platy, no porosity, no show.

4770 - 4800 Shale: dark brown, waxy, oil shale; Shale: as above; trace of Sandstone: white, very fine grained, no porosity, no show.

2nd DOUGLAS CREEK 4813' (+239')

- 4800 - 4860 Shale: gray, orange tan, trace silty, dolomitic.
- 4860 - 4920 Shale: light gray, orange-tan, waxy.
- 4920 - 4950 Shale: dark brown, orange tan, waxy, oil shale; trace of Shale: light gray, as above.

GREEN MARKER 4957' (+95')

- 4950 - 4980 Shale: dark brown-black, dolomitic, waxy, instant fair streamer cut, oil shale.
- 4980 - 5010 Shale: light gray, trace silty, trace pyritic, platy, no cut.
- 5010 - 5040 Shale: light gray, as above and orange tan.
- 5040 - 5070 Shale: light gray, orange tan, medium to dark brown.
- 5070 - 5160 Shale: orange brown, light gray, pale green-gray.
- 5160 - 5220 Shale: brown-black, dolomitic, slightly pyritic, platy, slow weak streamer cut; Shale: orange brown, weak milky cut.

BLACK SHALE FACIES 5242' (-190')

- 5220 - 5370 Shale: brown black, as above, oil shale.
- 5370 - 5400 Shale: orange tan, dolomitic, platy; trace of Shale: light green gray, platy.

CARBONATE MARKER 5400' (-348')

- 5400 - 5430 Shale: orange tan, green gray, as above; trace Limestone: cream, micritic, platy.
- 5430 - 5450 Shale: orange tan, light gray to light gray, green, as above.

B-1 SANDSTONE 5434' (-382')

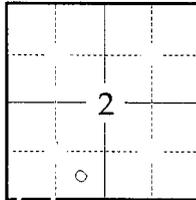
- 5450 - 5460 Sandstone: light tan, spotty brown, very fine to fine grained, sub angular to sub round, few dark gray and light green grains, slightly dolomitic cement, poor porosity, moderately friable, spotty black oil stain, pale green gold overall fluorescence, fair instant streamer cut, abundant blobs of black oil on samples, fair to good show in poor apparent reservoir.
- 5460 - 5490 Shale: orange tan, light gray; trace of Sandstone: white, very fine grained, no porosity, no show, platy.

B-2 SANDSTONE 5492' (-440')

- 5490 - 5500 Sandstone: light gray tan, very fine to fine grained, few black and green grains, fair sorting, sub angular, no visible porosity, spotty black to brown oil stain, very pale golden fluorescence, instant weak streamer cut, poor to fair show in poor reservoir.
- 5500 - 5540 Shale: orange tan, pale green-gray, light gray, trace black; trace Limestone: white, amorphous, black bit smears, chalky, platy; abundant blobs of dark brown-black oil on cuttings.
- 5540 - 5550 Sandstone: light tan to white, very fine to fine grained, scattered black and dark gray grains, sub angular, calcareous cement, no visible porosity, spotty light brown oil stain, medium bright green-gold fluorescence, instant fair to good streamer cut, fair to good show in poor apparent reservoir.
- 5550 - 5640 Shale: orange tan, brown, trace light gray, dolomitic, platy.
- 5640 - 5670 Trace of Sandstone: white, very fine grained, well sorted, platy, no porosity, no show; Shale: orange tan; trace inclusions of white calcite crystals, blocky to platy.
- 5670 - 5688 Shale: light gray, calcareous, trace silty, platy to splintery, no cut.

5700' Driller T.D.
5688' Logger T.D.

DRILL TIME LOG



BALCRON OIL
MONUMENT BUTTE STATE 24-2
SE SW SEC 2 - T9S - R17E

UINTAH CO.,

UTAH

ELEVATIONS: GL 5042' KB 5052'

SPUD: 2-3-95 8AM

OUT FROM UNDER SURF. CSG.: 2-4-95 8AM

DATE DRLG. COMP.: 2-10-95 11:15AM

DATE WELL COMPLETED: 2-11-95 3:30PM

STATUS: To Complete as Oil Well

SURF. CSG.: 8 5/8" @ 263' RKB

PRODUCTION CSG.: 5 1/2" @ 5678.77' w/465sx

CORES: None

DRILL STEM TESTS: None

CONTRACTOR: Union Drilling

RIG: #17

MAST: Pull Doubles

POWER: 343 Cat

PUMPS: Gardner Denver FXN 5 1/2" X 14

DRILL PIPE: E 16.60#/ft

COLLARS: 20 (605') 6" OD X 2 3/8" I.D

MUD SYSTEM: Airmist to 3897, Kcl H₂O to T.D.

TOTAL BITS: 3

TOTAL DAYS TO LOG POINT: 8 TO COMPL.: 9

T.D. DRILLER: 5700' LOGGER: 5688'

PENETRATION: 300' Below Carbonate Marker

FRANK A. RADELLA, INC.

Oil & Gas Exploration & Consulting
1601 Lewis Suite 202E
Billings, Montana 59102

Frank A. Radella
Ofc. 406-245-5375

Res. 656-7215

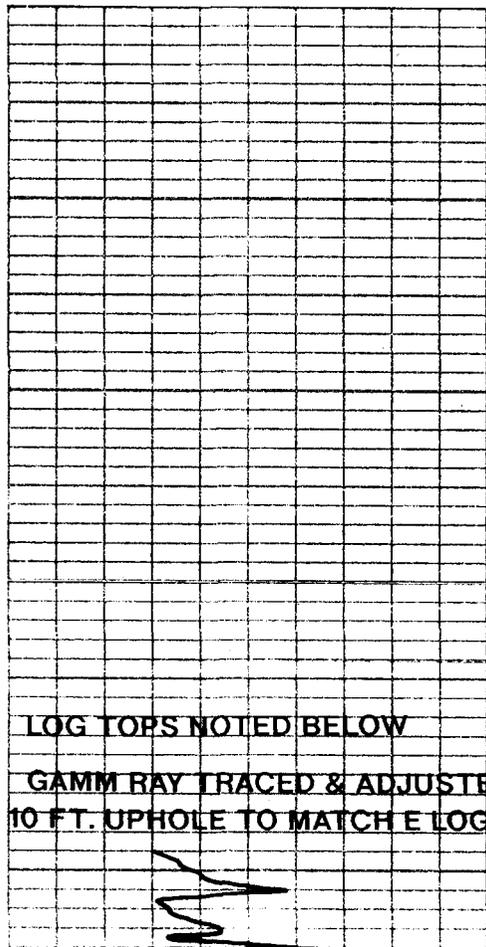
LEGEND

	SHALE		LIMESTONE		ARGILLACEOUS
	SILTSTONE		DOLOMITE		SILTY
	SANDSTONE		ANHYDRITE		SANDY
	CONGLOMERATE		GYPSUM		CALCAREOUS
	COAL		SALT		DOLOMITIC
	CHERT		OOLITIC		ANHYDRITIC
					GYPSIFEROUS
					LOOSE SAND GRAINS
					GLAUCONITIC
					MICACEOUS
					BIT CHANGE

LOGGED BY GEOLOGIST: Frank A. Radella

POROSITY
SHOWS

	POOR
	FAIR
	GOOD
	CONTINUED
	FRACTURED
	DEAD OIL



LOG TOPS NOTED BELOW

GAMMA RAY TRACED & ADJUSTED
10 FT. UPHOLE TO MATCH E LOGS

1700

DRILL TIME

VERT SCALE 2"=100'

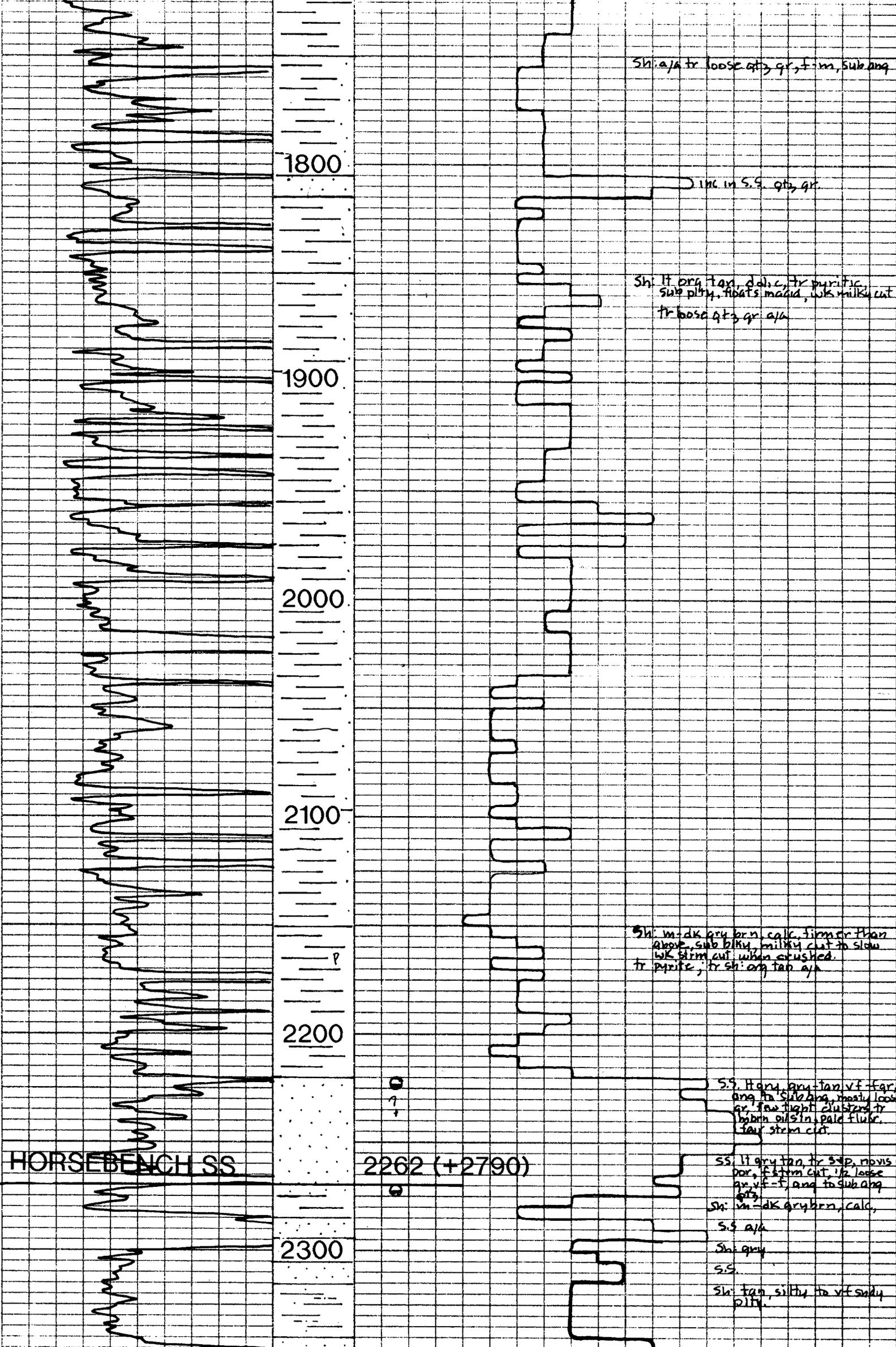
TOTAL MIN TO DRILL 5 FT

1 2 3 4 5 6 7 8 9 10 12 14 16 18 20

AVG MIN TO DRILL 1 FT

1 2 3 4 5 6 7 8 9 1 12 1.6 2
1.4 1.8

Sh: lt tan, arg tan, org tan dolomitic
tr silty to vt sandy, slow w/ky
cut of shale



Sh. med. dk. brn, calc, tr
Silty, tr puritic
tr loose qtz, gr

Sh. lt tan brn, dolomitic
pty, inc. in pyrite

S.S. lt gray tan, vt-f gr,
sub ang, tr mic, puritic
argill, calc, no fluor,
sh. v. w. str. cut, poor shon

w) Sh: tan to gray tan, tr of dk
brn old oil from tank

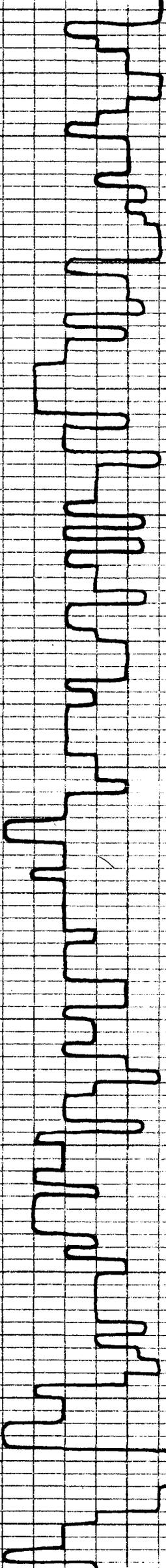
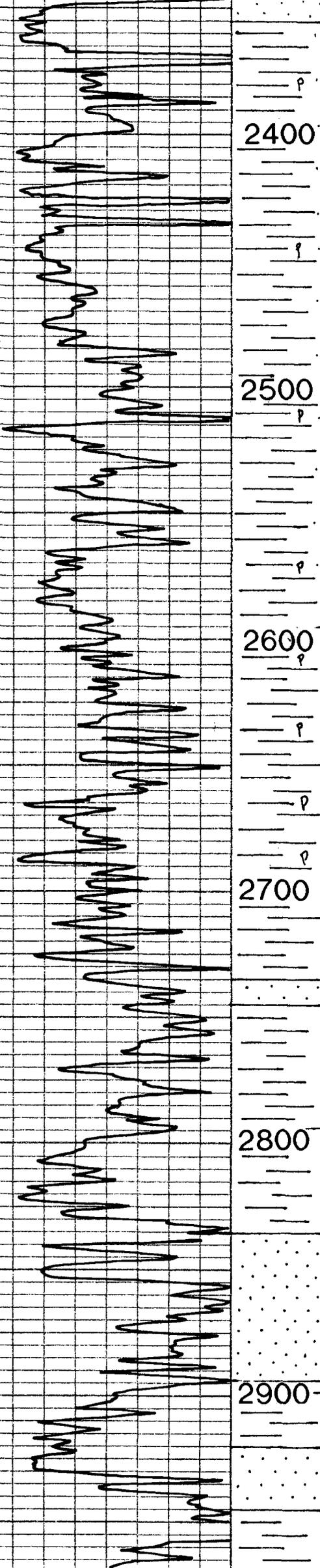
Sh. lt tan dk brn, waxy, tr silty
oil sh. gr.

S.S. lt gray to wh s+p in part,
vt-f gr, ang-sub ang, calc
to milky gr, tr platy blk
gr. p-f art, puritic, down
concreted clusters
mod amt loose dk gr, gr,
sub ang
inc in loose gr, f-crsc
calc to milky wh, ang to
sub ang.

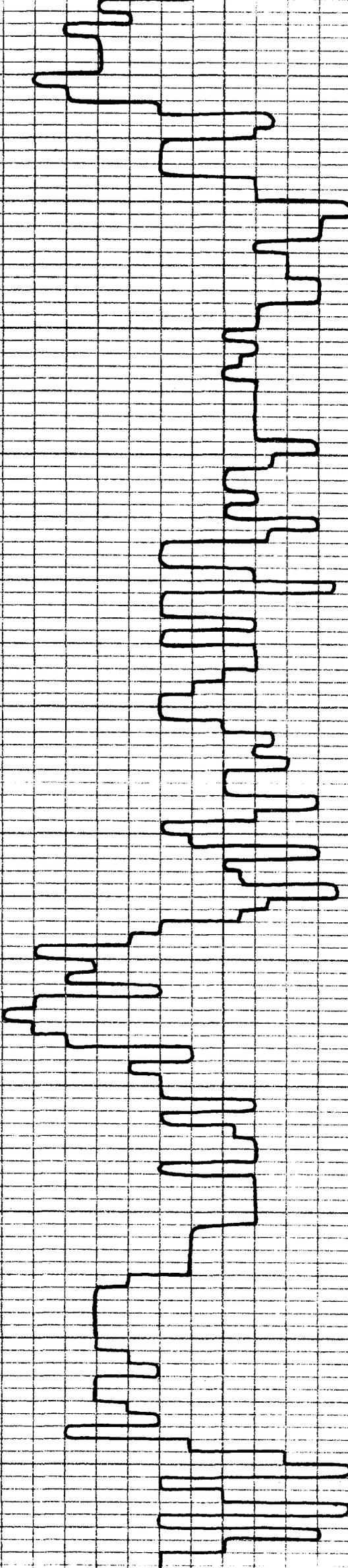
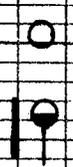
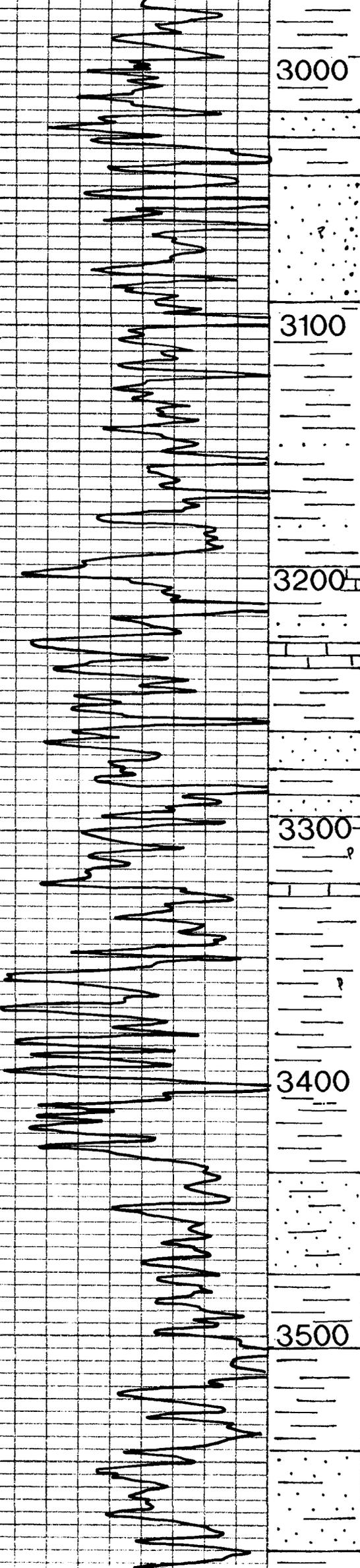
Sh: tan, pale gray tan, tr dk brn
waxy, oil sh.

S.S. a/a.

Sh: a/a



0



SS v lt gry, w srt, vfg
dolic cem, no vis por
fr spally dk brn oil
stn, poor show
tau loose gr, m, and to
sub ang, dir to optic
gr
inc in dk brn, int gran
oil stn, poor por
fair shen cut

Sh: lt org tan, waxy
oil sh.

S.S. wh, v. f. gr, w srt,
well cem, no por

ls: wh micritic, blk
pale, gold min fluor
Sh: lt tan

ls: wh, a/a

Sh: lt tan, lt gry tan
oil sh.

S.S. wh, v. f. gr, no por

Sh: lt gry, lt tan, fr
silty, pyritic, oil sh.

ls: wh, micritic, blk
min fluor, no show

Sh: tan, m. gry, pyritic
dolic, platy, oil sh.

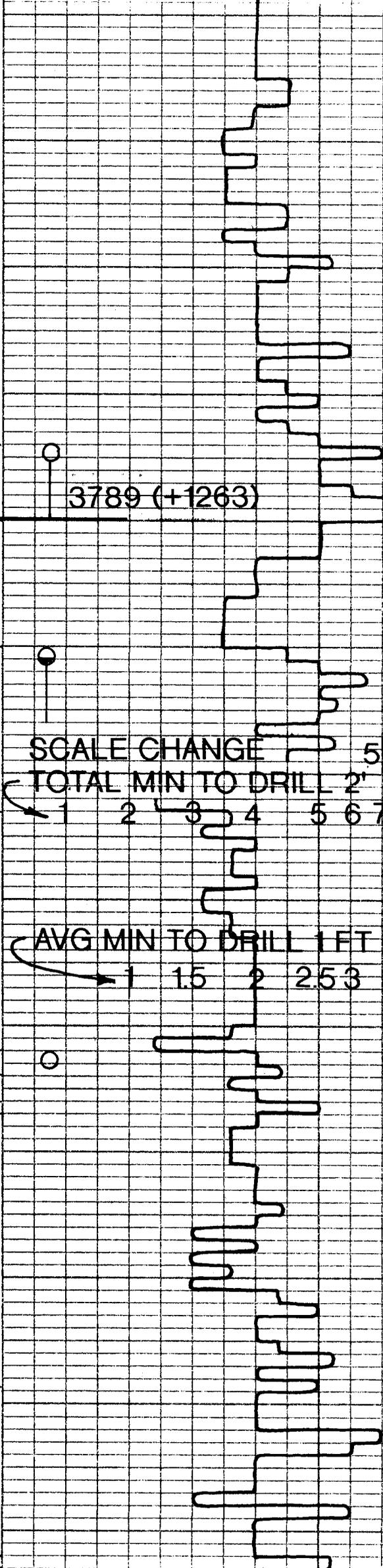
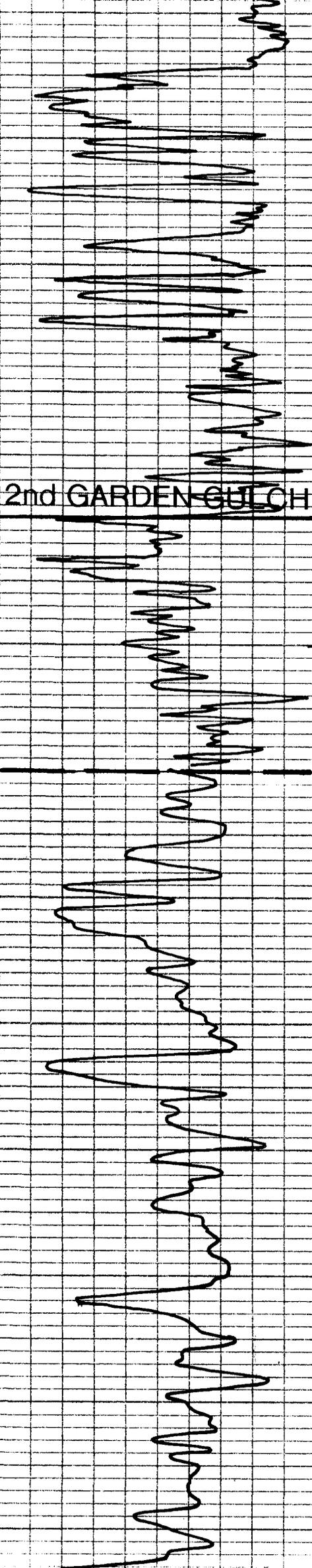
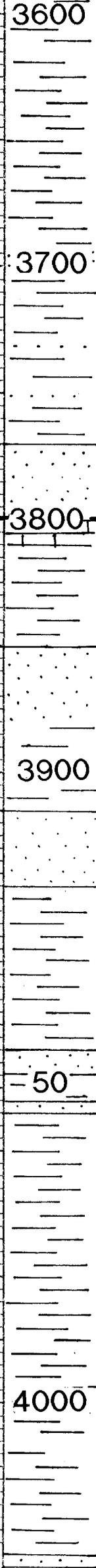
Sh: crm lt gry, platy
fr silty, fr pyritic

S.S. lt gry, fr srt, v. f.
f. gr, p. f. srt, fr gran
gr, fr mica, oil sh
in prt, dolic cem

Sh: marly, silty

Sh: gry tan

SS wh, lt tan, f. m. gr,
sub ang, oil, dolic
cem, fr pyritic, no vis
por, bleeding, dk brn
oil, some, no, oil clusters
f. ad, inst, sh, cut, mud
and loose gr
w/ sh: lt gry, m. brn fr
bleeding oil from mix



Sh: lt to dk brn, delic. pily; olive

w/ fr sh: pale grn to brn grn, sli. solid pily; sh: tan to brn

SS: wh, v f gr, w silt, no por. sh: lt tan, lt gray, tr loose, ostracod frags, lt tan.

SS: wh, lt gray, v f gr, tr green gr, no vis por, tr spotty, dk brown sil. stn.

ls: wh, crm, micr. sic. pily, pale gold brown flube.

SS: wh, lt tan, v f gr, w silt, sub. ang. tr subind, calc. com, no vis por, pale dr. gold flube, med amt. dk brn to blk specks, slow f. blossom cut, fair show.

SS: wh, v f gr, well srt, no por, calc. com, med in spotty oil stn from above.

Sh: lt tan to lt gray, silty, calc. pily.

w/ Sh: lt brn, do lic, pily.

SS: wh, lt gray, v f gr, calc. com, no vis por, tr spotty, dk brn oil stn, poor show.

Sh: lt gray, grn-grny, tr silty, tr sandy, calc.

Sh: gray s/c, sh: m-dk brn, tr brq, brn.

Sh: m to dk gray, m brn, s.s. wh, v f c, well srt.

2nd GARDEN GULCH

3789 (+1263)

SCALE CHANGE 5"=100'

TOTAL MIN TO DRILL 2'

1	2	3	4	5	6	7	8	9	10	12	16	18	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----

AVG MIN TO DRILL 1 FT

1	1.5	2	2.5	3	4	5	6	7	8	9	10
---	-----	---	-----	---	---	---	---	---	---	---	----

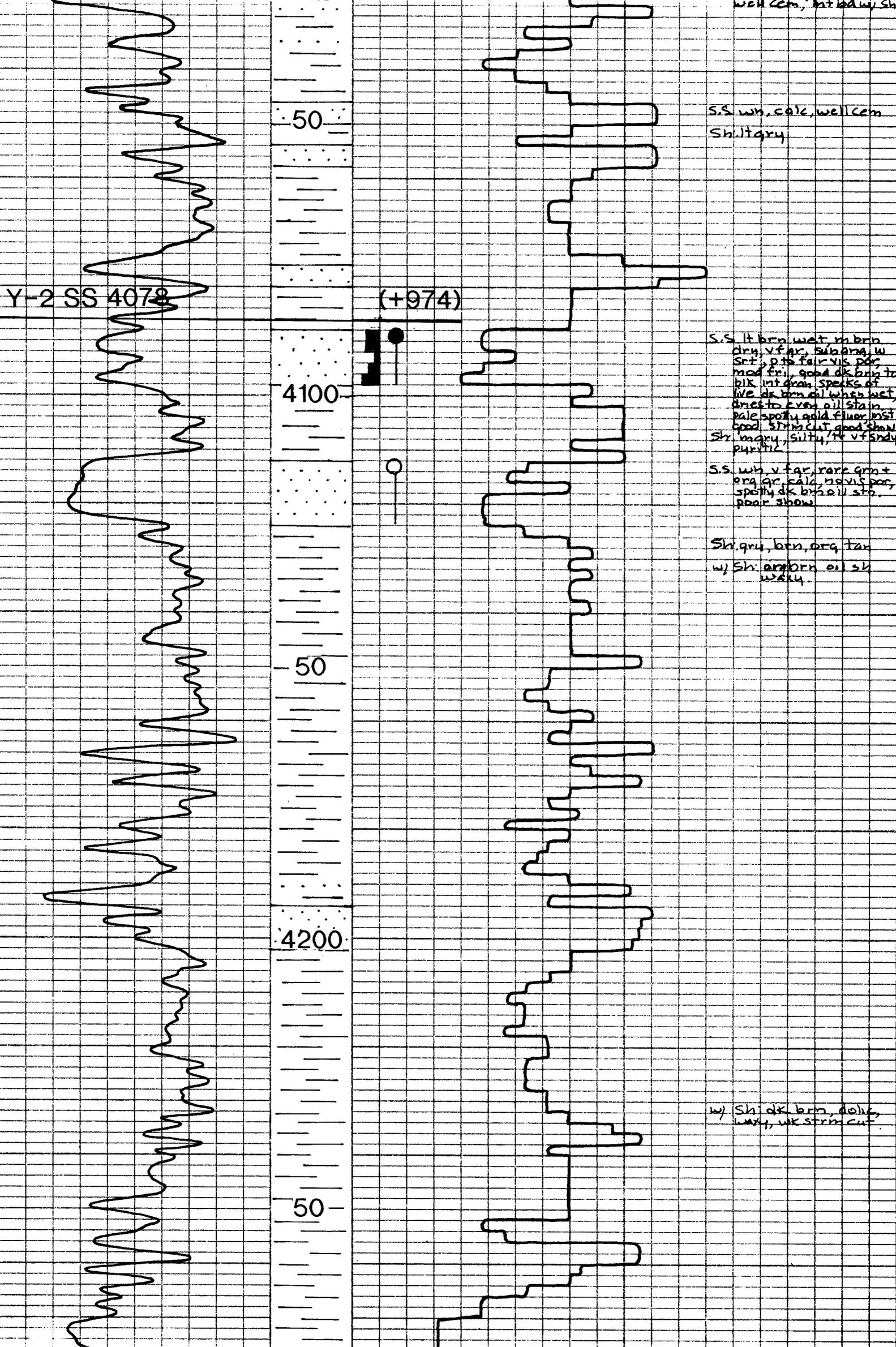
well cem, mt & w/ sh

RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK

NO. LC1 3355

MADE IN U.S.A.

RECORDING CHARTS GRAPHIC CONTROLS CORP



S.S. wh, calc, well cem
shilty

Y-2 SS 4078

(+974)

50

4100

50

4200

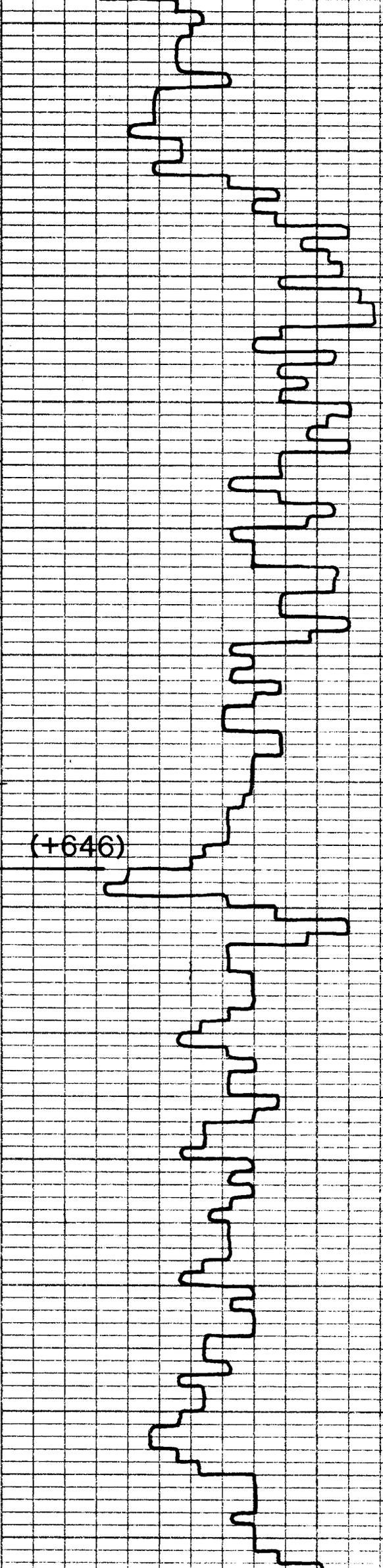
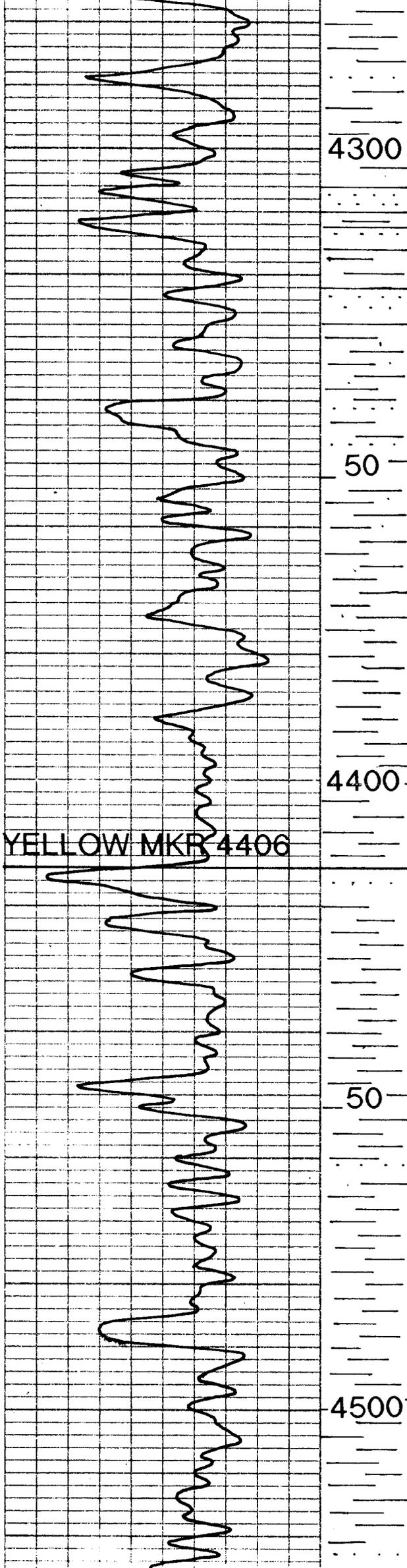
50

S.S. lt brn wet m brn
dry v far, subang. w
set, p to fair vis por,
mod fri, good dk brn to
blk int gran, specks of
lve dk brn oil when wet
dries to even oil stain
pale spotty gold fluv. mst
good STRM CUT good show
sh. magry, silty, re v f sandy
pyritic

S.S. wh v far, rare grn +
org gr, calc, mod vis por,
spotty dk brn oil str.
poor show

Sh. gry, brn, org, tan
w/ sh. org brn oil sh
weakly

w/ sh. dk brn, dk org,
laxy, wk str. cut



Sh: lt. gry; sh: grn gry, tan + brn

S.S. wh. v. fgr, no por, no shad

S.S. wh. v. fgr, f to w srt, few f. dis. str. gr, wh. calc. com. no vis. por. grades to sh: lt. gry, shdy w/ sh: brn, waxy, few blades of det. brn oil on cuttings.

Sh: ayd fr. silty + shdy

Sh: dk. gry brn, dolc, waxy. up to sh: lt. tan m. brn.

Sh: lt. gry, tr. silty, dolc, pity. TR S.S. wh. v. fgr, w. com, calc, no por, pity

Sh: org. tan loc

Sh: org. tan, waxy, tr sh: lt. gry, ayd w/ thin interbeds of S.S. wh. v. fgr, calc, no por

YELLOW MKR 4406

(+646)

Sh: org tan, few blebs of bleeding oil from matrix
tr sh: pale grn, non calc pty

tr ss: wh, vfg, calc, no por

DOUGLAS CRK 4566

(+486)

50

4600

inc sh: pale grn, non calc, pty w sh: org tan waxy, dolc, pty

R-2 SS 4648

(+404)

50

S.S. lt tan, vfg, w art, sub arg gr, sil dolc, cem poor, sh: li tr, light tan oil stn, mbrt, grt gold flur, slow wk, str cut, mod amt oil bleb on cuttings, free oil on pit
sh: org tan, waxy

sh: lt gr, org tan, tr dk brn, dolc to calc pty

w interbeds of ss lt gr, v f tr m argill, pty

4700

R-5 SS 4720

(+332)

50

tr ss: wh, grn, micritic pty

S.S. wh, lt tan, v f-gr, hard blk gr, f art, sil dolc, cem, no vis por, tr spotty blk oil stn, few clusters w gold oil stn, gold flur, slow wk, str cut, poor show overall, free oil on cuttings
sh: gr, org tan,

tr ss: wh, vfg, well cemented, no show

2nd DOUGLAS CRK 4813

(+239)

4800

50

4900

50

GREEN MKR 4957

(+95)

5000

Sh: dk brn, waxy, oil sh
Sh: gray, org tan, fr
silty, dolic

Sh: lt gray, silty, fr w/ small

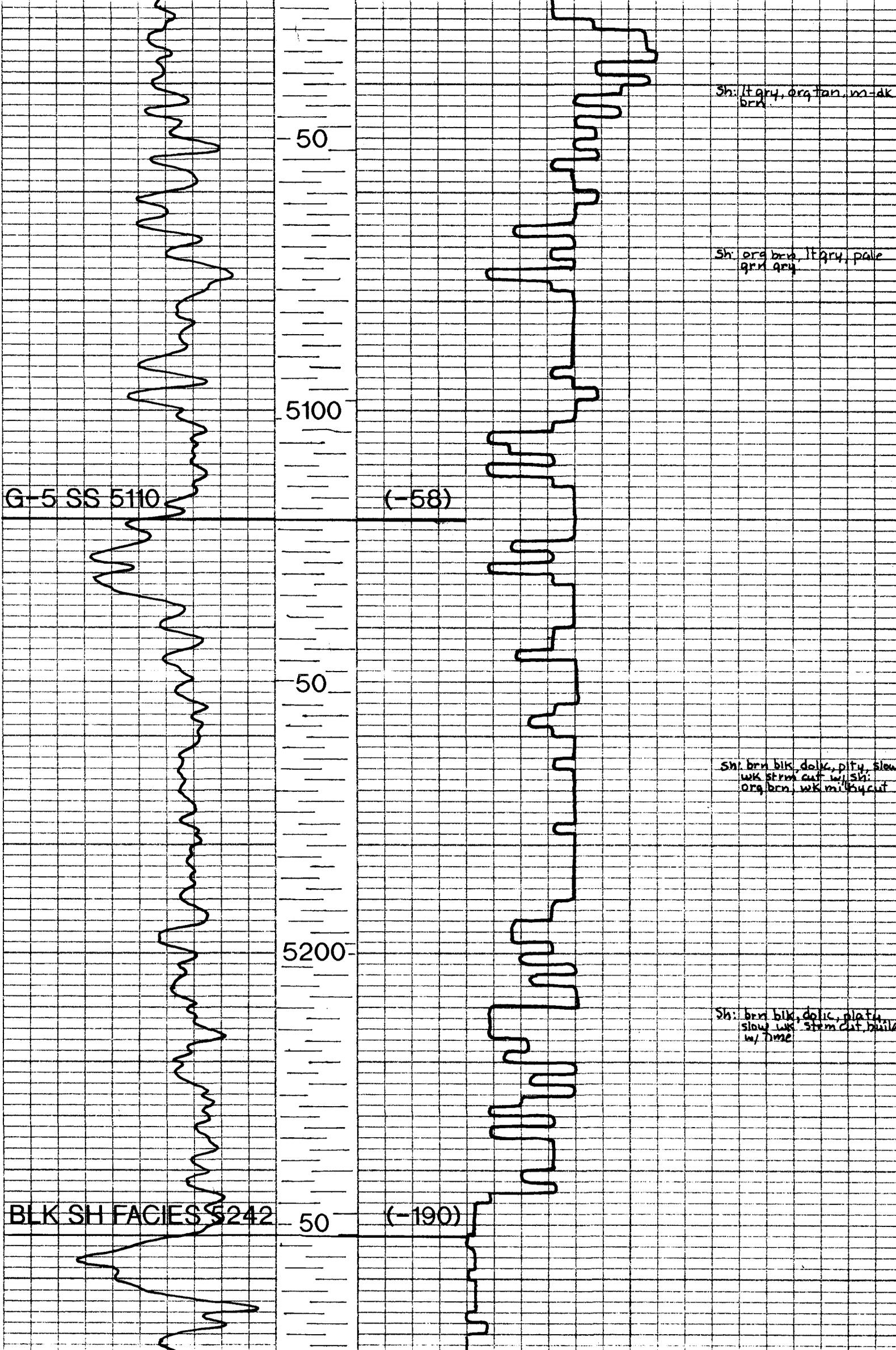
Sh: lt gray, Sh: org tan, waxy

Sh: lt gray s/a, dk brn, org tan

Sh: dk brn, blk, dolic, waxy, int fair stron cut, oil sh

Sh: lt gray fr silty, fr pyritic, platy, no cut

Sh: lt gray s/a; Sh: org-tan



Sh: lt gray, org tan, m-dk brn

Sh: org brn, lt gray, pale grn gray

G-5 SS 5110

(-58)

50

5100

50

5200

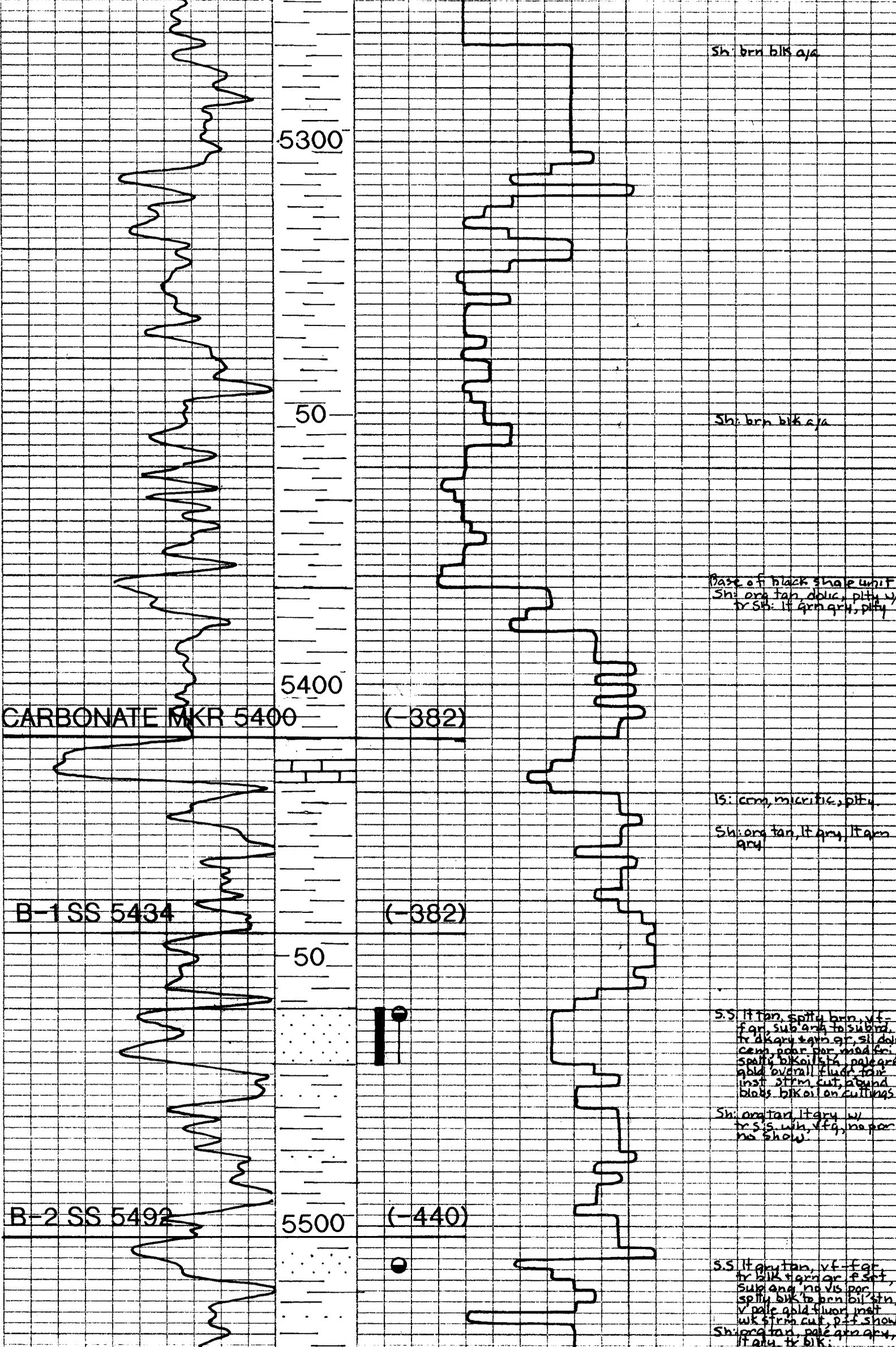
Sh: brn blk, dolc, plat, slow w/ stem cut w/ sh: org brn, wk m'ly cut

Sh: brn blk, dolc, plat, slow w/ stem cut, blk w/ time

BLK SH FACIES 5242

(-190)

50



Sh: brn blk a/g

Sh: brn blk a/g

Base of black shale unit
Sh: org tan, dolic, pity w/
tr ss: lt grn grt, pity

ls: com, micritic, pity

Sh: org tan, lt grn, lt grn
grt

S.S. lt tan, spilly brn, vt-
far, sub ang to sub ind,
tr dk grt, eqn gr, sil dol,
csm, poor por, mod loc,
spilly blk oil, pale grn,
gld overall fluid, fine
inst strn cut, a band
blks blk oil on cuttings

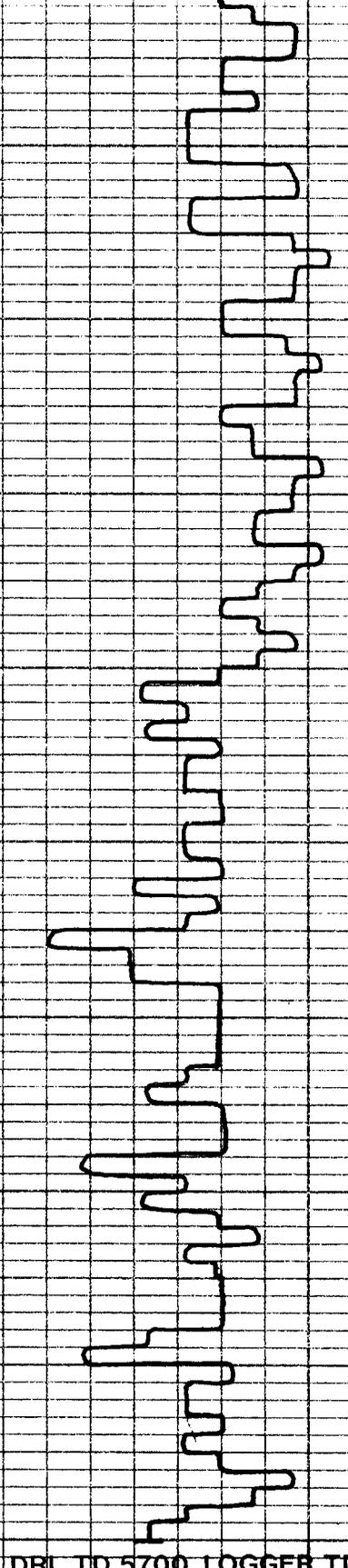
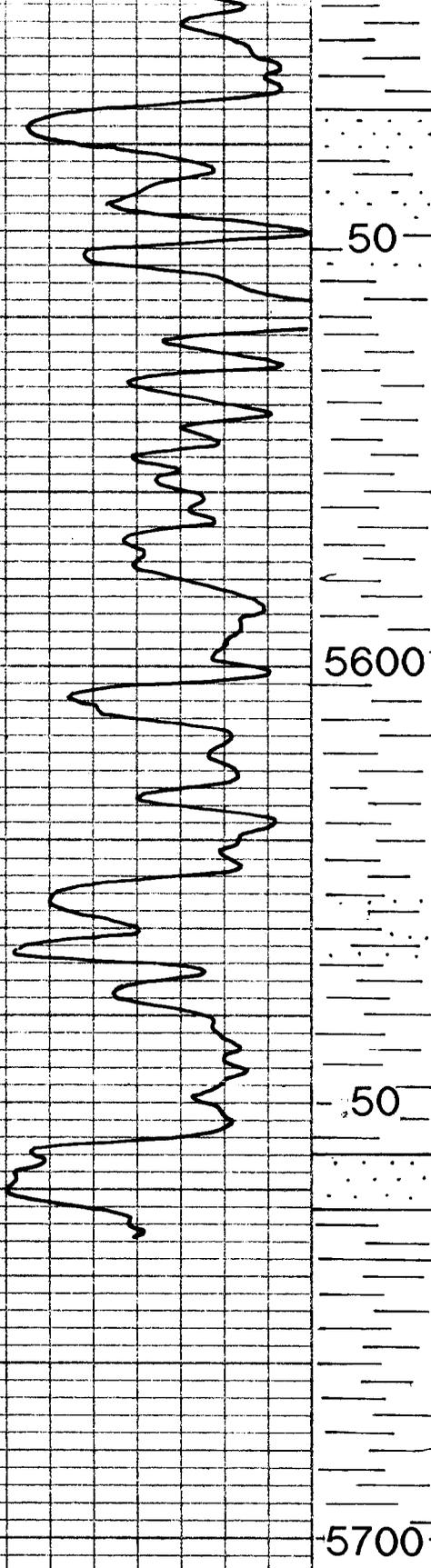
Sh: org tan, lt grn w/
tr ss: wlt, vfg, no por
no show

S.S. lt org tan, vt-far
tr blk, tan, or f set,
sub ang, no vis por,
spilly blk to brn oil, fin,
v pale gld fluor, inst
wk strn cut, pit show
Sh: org tan, pale grn grt,
lt grt, tr blk

CARBONATE MKR 5400 (-382)

B-1 SS 5434 (-382)

B-2 SS 5492 (-440)



to S: wh, amor ph, blk bit
smears, chky, pthy.
obud blabs bnn blk oil

SS: It tan to wh, v f-fgr,
Scatt blk + dk gray gr,
Sub ang, cak sem, no
vis par, saily, it brn
oil str, in brn and gold
flur, just f to qd str
cut, figd show

Sh: org tan, brn, tr it qy
dols, pthy.

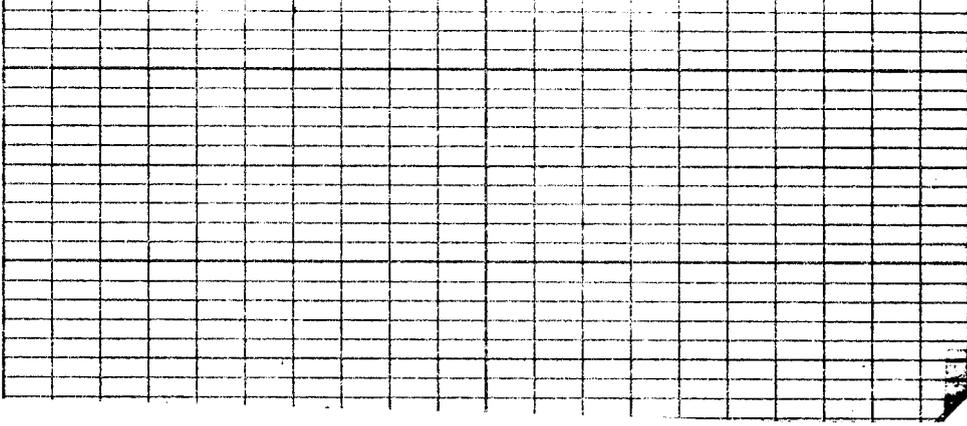
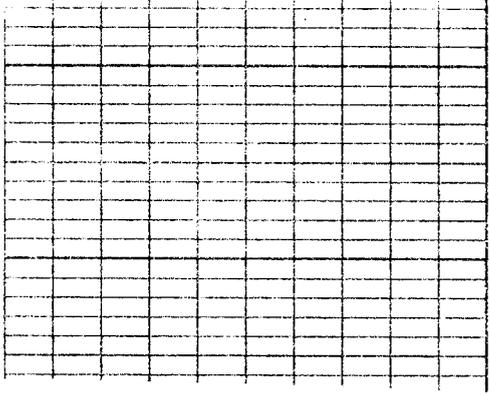
w/ Sh: org tan tr includ of
wh thd calcite, blk, to
pthy

S.S. wh, v fgr, no str, pthy
no vis par, no show

Sh: It org, calc, tr silty pthy
to splintery, no cut

DRL TD 5700, LOGGER TD 5688

4/7



№ 101 3355

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL GAS OTHER:

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

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

4. Location of Well
Footages: 660' ESL & 1980' FWL
QQ, Sec., T., R., M.: SE SW Section 2, T9S, R17E

5. Lease Designation and Serial Number:
ML-45555

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

7. Unit Agreement Name:
n/a

8. Well Name and Number:
Balcron Monument State #24-2

9. API Well Number:
43-047-32612

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

County: Uintah

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 3-16-95

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

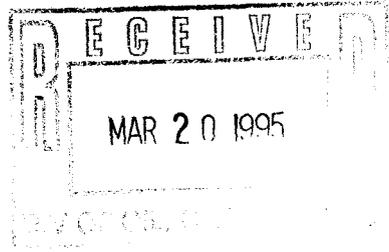
* Must be accompanied by a cement verification report.

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

First production on this well was on 3-16-95 at 9:00 a.m.

13. Name & Signature: Molly Conrad, Molly Conrad Title: Operations Secretary Date: 3-16-95

(This space for State use only)



CONFIDENTIAL

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
APR 19 1995

5. LEASE DESIGNATION AND SERIAL NO.

ME 45555

6. ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument State

9. WELL NO.

#24-2

10. FIELD AND POOL, OR WILDCAT

Undesignated/Green River

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

SE SW 2, T9S, R17E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 660' FSL & 1980' FWL

At top prod. interval reported below

At total depth

14. API NO. 43-047-32612 DATE ISSUED 12-29-94 12. COUNTY Uintah 13. STATE Utah
~~Duchesne~~

15. DATE SPUDDED 2-3-95 16. DATE T.D. REACHED 2-11-95 17. DATE COMPL. (Ready to prod.) 3-16-95 18. ELEVATIONS (DP, RES. RT, GR, ETC.) 5042.2' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5,700' 21. PLUG BACK T.D., MD & TVD 5635.07' 22. IF MULTIPLE COMPL., HOW MANY n/a 23. INTERVALS DRILLED BY n/a ROTARY TOOLS SFC - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4078' - 5124' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RDN 2-14-95
DRILL TIME
DLL, INTEGRATED POROSITY, MUD, CBL/GR/CCL 27. WAS WELL CORED YES NO (Submit analysis)
DRILL STEM TEST YES NO (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	263.90'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5678.77'	7-7/8"	230 sxs Super "G" w/additives	None
				223 sxs 50/50 POZ w/additives	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5197.79'	n/a

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4078' - 4090' (4 SPF)	
4104' - 4114' (4 SPF)	
5116' - 5124' (4 SPF)	
5116' - 5124'	2,814' gals 2% KCL wtr. Frac w/24,120# 16/30 & 17,740# mesh sand w/15,876 gals 2% KCL gelled wtr.
4078' - 4114'	2,856 gals 2% KCL wtr. Frac w/101,820#

33. PRODUCTION 16/30 mesh sand w/27,594 gals 2% KCL gelled wtr.
DATE FIRST PRODUCTION 3-16-95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 4-10-95 HOURS TESTED 24 CHOKER SIZE n/a PROD'N. FOR TEST PERIOD → OIL—BSL. 26.01 GAS—MCF. N.M. WATER—BSL. 3.33 GAS-OIL RATIO N.M.

FLOW. TUBING PRESS. n/a CASING PRESSURE n/a CALCULATED 24-HOUR RATE → OIL—BSL. 26.01 GAS—MCF. N.M. WATER—BSL. 3.33 OIL GRAVITY-API (CORR.) 34

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

35. LIST OF ATTACHMENTS n/a

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 4-17-95

INSTRUCTIONS

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

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

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

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

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

37. SUMMARY OF POROUS ZONES:

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

38.

GEOLOGIC MARKERS

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument State #24-2

API number: 43-047-32612

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

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

Address: 1601 Lewis Avenue

Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

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

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

6. Formation tops: See Geological Report submitted separately.

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

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

Date: 4-17-95

Name & Signature: Bobbie Schuman, *Bobbie Schuman*

Title: Regulatory and Environmental Specialist

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

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

Well Name: Bj/uron State 24-2 API Number: 43-047-32612

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

Well Status: POW Well Type: Oil: X Gas: ___

PRODUCTION LEASE EQUIPMENT: X CENTRAL BATTERY: ___

1 Well head ___ Boiler(s) ___ Compressor ___ Separator(s)
___ Dehydrator(s) ___ Shed(s) ___ Line Heater(s) ___ Heated Separator
___ VRU ___ 1 Heater Treater(s)

PUMPS:
___ Triplex ___ Chemical ___ 1 Centrifugal

LIFT METHOD:
X Pumpjack ___ Hydraulic ___ Submersible ___ Flowing

GAS EQUIPMENT:
0 Gas Meters ___ Purchase Meter ___ Sales Meter

TANKS:	NUMBER	SIZE	
	<u>2</u>	<u>400</u>	Oil Storage Tank(s) BBLS
	___	___	Water Tank(s) BBLS
	___	___	Power Water Tank BBLS
	___	___	Condensate Tank(s) BBLS
	<u>1</u>	___	Propane Tank

REMARKS: Oil tanks have burners. Pit tank in place and used for tank bottoms.

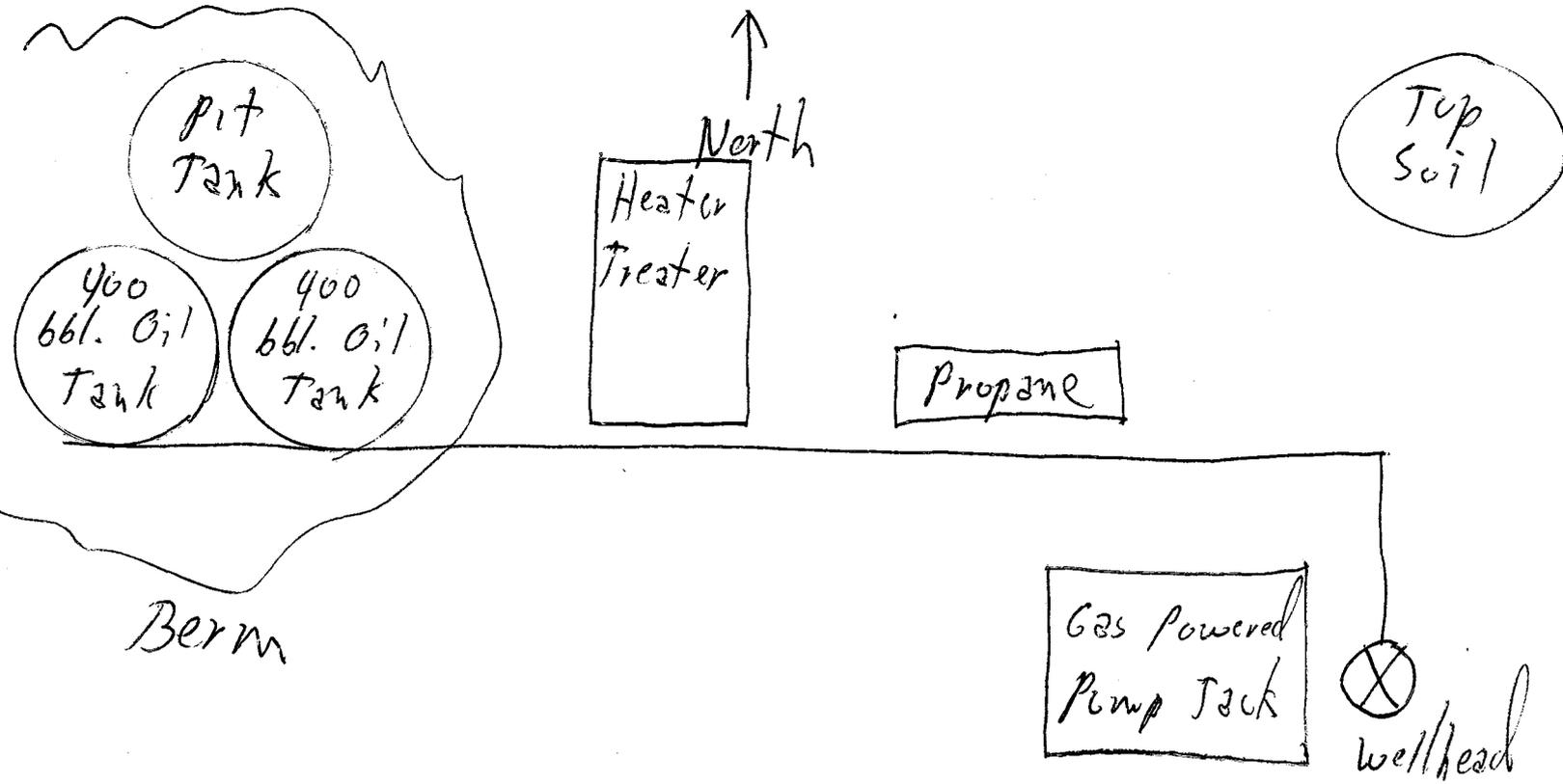
Location central battery: Qtr/Qtr: ___ Section: ___ Township: ___ Range: ___

Inspector: David W. Sheffield Date: 7/14/95

Equitable

Balcom State 24-2

43-047-32617



Access

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes										
				OIL(BBL)	GAS(MCF)	WATER(BBL)								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732503</td> <td>11680</td> <td>09S 18E</td> <td>5</td> </tr> </table>	API Number	Entity	Location		4304732503	11680	09S 18E	5	GRRV					
API Number	Entity	Location												
4304732503	11680	09S 18E	5											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732528</td> <td>11683</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732528	11683	08S 17E	25	GRRV					
API Number	Entity	Location												
4304732528	11683	08S 17E	25											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732526</td> <td>11694</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732526	11694	08S 17E	25	GRRV					
API Number	Entity	Location												
4304732526	11694	08S 17E	25											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732524</td> <td>11707</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732524	11707	08S 17E	25	GRRV					
API Number	Entity	Location												
4304732524	11707	08S 17E	25											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732530</td> <td>11710</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732530	11710	08S 17E	25	GRRV					
API Number	Entity	Location												
4304732530	11710	08S 17E	25											
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API Number	Entity	Location												
91331476	11717	08S 17E	22											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732525</td> <td>11729</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732525	11729	08S 17E	25	GRRV					
API Number	Entity	Location												
4304732525	11729	08S 17E	25											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732529</td> <td>11730</td> <td>08S 17E</td> <td>25</td> </tr> </table>	API Number	Entity	Location		4304732529	11730	08S 17E	25	GRRV					
API Number	Entity	Location												
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732612</td> <td>11736</td> <td>09S 17E</td> <td>2</td> </tr> </table>	API Number	Entity	Location		4304732612	11736	09S 17E	2	GRRV					
API Number	Entity	Location												
4304732612	11736	09S 17E	2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4301331482</td> <td>11738</td> <td>09S 17E</td> <td>2</td> </tr> </table>	API Number	Entity	Location		4301331482	11738	09S 17E	2	GRRV					
API Number	Entity	Location												
4301331482	11738	09S 17E	2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4304732610</td> <td>11742</td> <td>09S 17E</td> <td>2</td> </tr> </table>	API Number	Entity	Location		4304732610	11742	09S 17E	2	GRRV					
API Number	Entity	Location												
4304732610	11742	09S 17E	2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">API Number</th> <th style="width: 25%;">Entity</th> <th style="width: 25%;">Location</th> <th style="width: 25%;"></th> </tr> <tr> <td>4301331481</td> <td>11745</td> <td>09S 17E</td> <td>2</td> </tr> </table>	API Number	Entity	Location		4301331481	11745	09S 17E	2	GRRV					
API Number	Entity	Location												
4301331481	11745	09S 17E	2											
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API Number	Entity	Location												
4304732614	11751	09S 18E	19											
TOTALS														

COMMENTS: _____

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

Name and Signature: _____ Date: _____

Telephone Number: _____

UTAH

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



**EQUITABLE RESOURCES
ENERGY COMPANY**

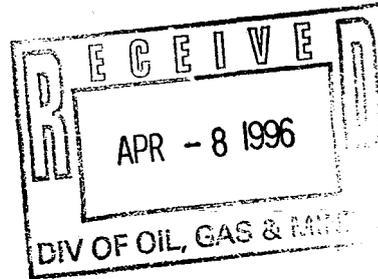
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

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

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

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

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

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See attached listing

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

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

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

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

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

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

4. Location of Well
Footages: See attached listing

County: See attached list

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

State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

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

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

Approximate date work will start _____

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

APR - 8 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEP 7-SJ
2-DTS 58-FILE
3-VLD (GIL)
4-RJE
5-LEP
6-FILM

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>047-32612</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

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

COMMENTS

9/20/10 BLM/BIA "Formal approval not necessary"

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date April 26 19 96

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s) These companies have complied with our requirments. Our records have been updated. Bonding should be reviewed by your agency ASAP.

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

New Operator: Equitable Resources Energy Co. (N9890)

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

NAME CHANGE ONLY

(See Attached Lists)

cc: Operator File

Signed Don Staley

REPLY

Date 19

Signed



EQUITABLE RESOURCES
ENERGY COMPANY

WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

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

May 6, 1996

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

Gentlemen:

RE: Balcron Monument State #24-2
SE SW Section 2, T9S, R17E
Uintah County, Utah

43-047-32612

Apparently the formation tops information was left off of the completion report for this well:

<u>Formation</u>	<u>Depth</u>
Green River	1370'
Horsebench SS	2215'
2nd Garden Gulch	3789'
Yellow Marker	4406'
Douglas Creek	4566'
2nd Douglas Creek	4813'
Green Marker	4957'
Black Shale Facies	5242'
Carbonate Marker	5400'
Uteland Butte	NDE
Wasatch	NDE

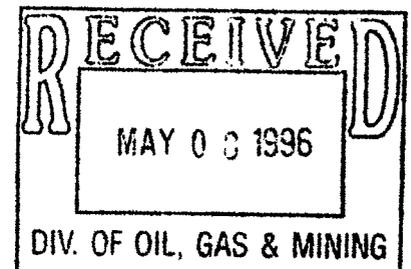
Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Operations Secretary

/mc

cc: Bobbie Schuman



RECEIVED
OCT 10 1997



October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

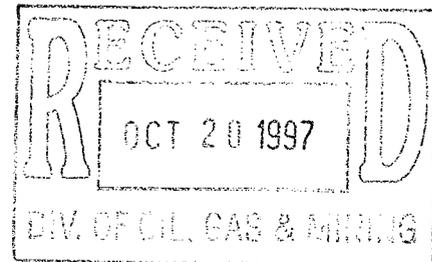
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See Attached

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

7. Unit Agreement Name:
See Attached

8. Well Name and Number:
See Attached

9. API Well Number:
See Attached

10. Field and Pool, or Wildcat:
See Attached

County:
State:

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: Inland Production Company

3. Address and Telephone Number:
475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well
Footages: See Attached Exhibit
OO, Sec., T., R., M.:

RECEIVED
OCT 13 1997

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other Change of Operator

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Other Change of Operator

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

Date of work completion 9-30-97

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

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

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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

OCT 10 1997

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

This space for State use only)

StateWells

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



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

OPERATOR INLAND PRODUCTION COMPANY
 ADDRESS _____

OPERATOR ACCT. NO. H 5160

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

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

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

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

OPERATOR CHANGE WORKSHEET

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

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

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

PAGE 2 of 2

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

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

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

WELL(S) attach additional page if needed:

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

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 1/5 19 98

Ed,

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

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

Former Operator: Equitable Resources Energy (N9890)

New Operator: Inland Production Company (N5160)

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

(See attached list)

cc: Operator File

Signed Don Staley

REPLY

Date _____ 19 ____

Signed _____

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

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. ML-45555	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME NA	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME BALCRON MONUMENT STATE	
3. ADDRESS OF OPERATOR 410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102		9. WELL NO. 24-2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. * See also space 17 below.) At surface SE/SW 0660 FSL 1980 FWL		10. FIELD AND POOL, OR WILDCAT 8 MILE FLAT NORTH	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SW Section 2, T09S R17E	
14. API NUMBER 43-047-32612	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5042 GR	12. COUNTY OR PARISH UINTAH	13. STATE UT

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
FULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Recompletion</u> <input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

WEEKLY STATUS REPORT FOR WEEK OF 2/26/98 - 3/4/98

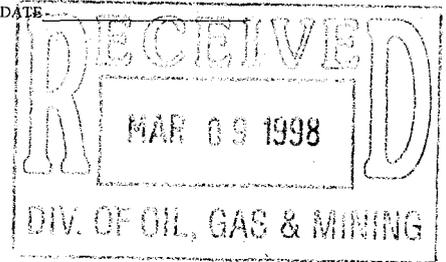
Place well on production @ 4:30 PM, 2/27/98.
Perf D/C sds @ 4648-54' & 4731-41'.

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

SIGNED Shannon Smith TITLE Engineering Secretary DATE 3/5/98

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

* See Instructions On Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. LEASE IDENTIFICATION AND SERIAL NO.
ML-45555

2. IF INDIAN, LISTED ON TRIM NAME

3. TRACT ACQUISITION NAME

4. NAME OF LEASE NAME
Balcon Monument State

5. WELL NO.
#24-2

10. FIELD AND POOL OR WILDCAT
Undesignated/Green River

11. W.C. TO R. M. DEED BOOK AND SURVEY OR AREA
Sec. 2-T9S-R7E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEPEN PLUG BACK REPAIR Other _____

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
410 17th Street Suite 700 Denver CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface **SE/SW**

At top prod. interval reported below **660' FSL and 1980' FWL**

At total depth

14. PERMIT NO. **43-047-32612** DATE ISSUED **12-29-94**

15. DATE SPINDLED **2-3-95** 18. DATE T.D. REACHED **2-11-95** 17. DATE COMPL. (Ready to prod.) **3-16-95** 19. ELEVATIONS (DF, RKB, RT, OR, ETC.) **5042.2' GL** 20. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5700'** 21. PLUG BACK T.D., MD & TVD **5635.07'** 22. IF MULTIPLE COMPL., HOW MANY? **NA** 23. INTERVALS DRILLED BY ROTARY TOOL **Sfc to T.D.** CABLE TOOL

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Green River 4078'-5124'

26. TYPE ELECTRIC AND OTHER LOGS R/W **Previously submitted** 27. WAS WELL CORRECTION MADE **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FILLED
8 5/8"	24# J-55	263.90'	12 1/4"	160 sx Class G	
5 1/2"	15.5# J-55	5678.77'	7 7/8"	230 sx Super G	
				223 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE: 2 7/8" DEPTH SET (MD): 5187' PACKER SET (MD):

31. PERFORATION RECORD (Interval, size and number)
Added perforations:
D/C Sand - 4648'-54'; 4731'-41' 4 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4648'-4741'	102,400 # 20/40 sand in 4 2/8" Delta

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut in)					
3-16-95	Pumping - 2 1/2" x 1 1/2" x 16' RHAC	Producing					
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	4/98			13	0	25	0
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold and used for fuel

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Debbie Knight TITLE Permitting Specialist DATE 4-16-98

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

ML-45555

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

BALCRON MONUMENT STATE 24-2

2. Name of Operator

INLAND PRODUCTION COMPANY

9. API Well No.

43-047-32612

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

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

0660 FSL 1980 FWL SE/SW Section 2, T09S R17E

11. County or Parish, State

UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

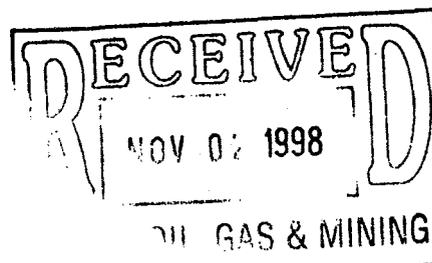
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Site Security**

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

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

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

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



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Monument State 24-2

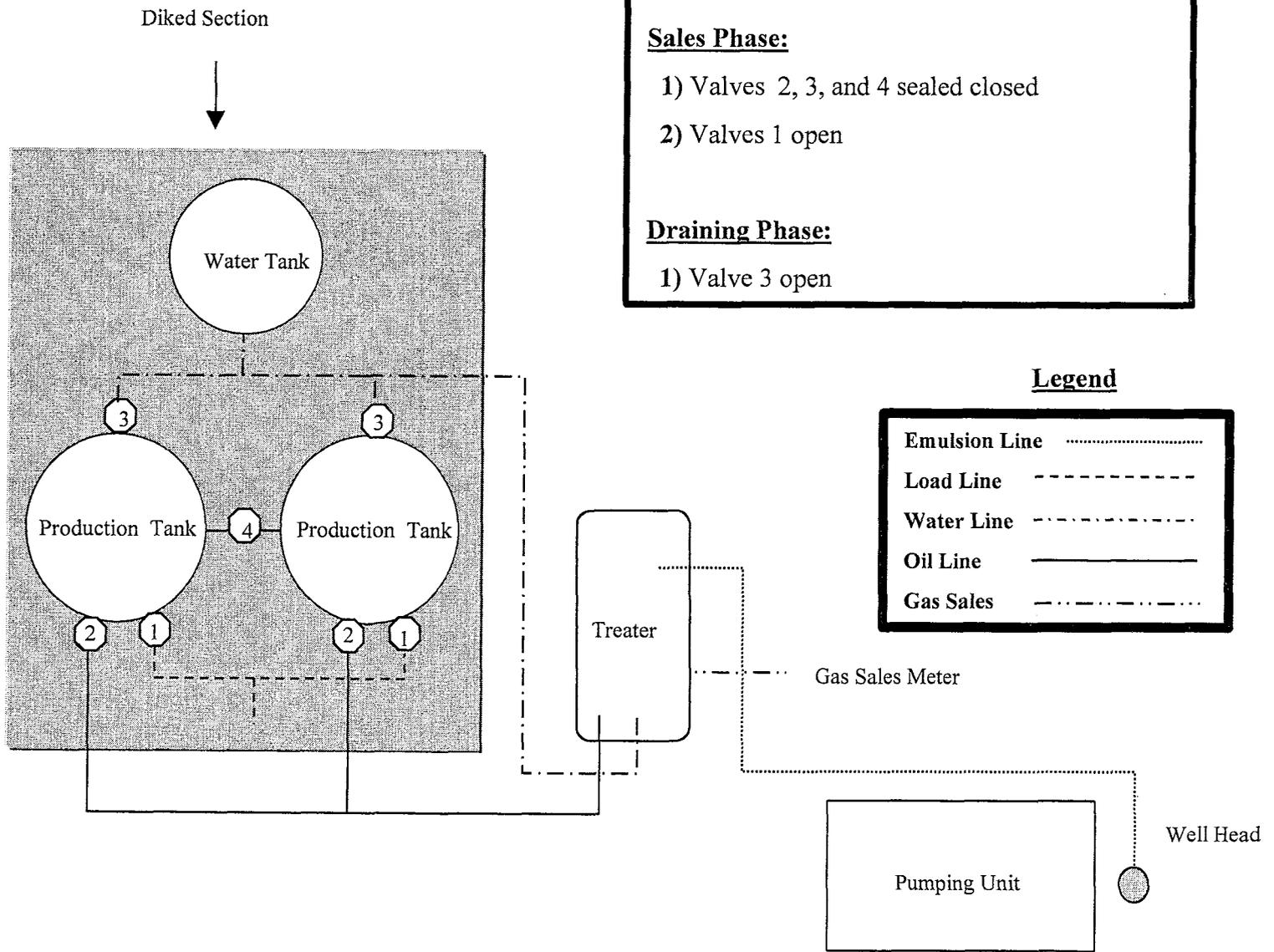
SE/SW Sec. 2, T9S, 17E

Uintah County

May 12, 1998

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

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





Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

CASTLE DRAW

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted on:

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

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

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

- 1. Changes entered in the Oil and Gas Database on: 2/28/2005
- 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- 3. Bond information entered in RBDMS on: 2/28/2005
- 4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
- 5. Injection Projects to new operator in RBDMS on: 2/28/2005
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



43047 32612
95 17E sec.02

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

AUG - 4 2005

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
Vice President - Operations
Newfield Production Co.
Route 3 - Box 3630
Myton, Utah 84502

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
AUG 08 2005

DIV. OF OIL, GAS & MINING

RE: ADDITIONAL WELL TO AREA PERMIT
Castle Draw Area Permit: UT20776-00000
Monument State No. 24-2-9-17
Well ID: UT20776-06608
Uintah County, Utah

Dear Mr. Guinn:

The Newfield Production Co. (Newfield) request **to convert** a former Green River Formation oil well, the Monument State No. 24-2-9-17, to a Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation enhanced recovery injection well in the Castle Draw Area Permit is hereby authorized. The proposed Monument State No. 24-2-9-17 Class II enhanced recovery injection well is within the exterior boundary of the Castle Draw Area Permit UT20776-00000; is within the exterior boundary of the Uintah & Ouray Indian Reservation; and the addition is being made under the authority of 40 CFR § 144.33 (c) and the terms of the Area Permit. Unless specifically mentioned in the enclosed Authorization For An Additional Well, all terms and conditions of the original Area Permit will apply to the conversion, operation, monitoring, and plugging and abandonment of the Monument State No. 24-2-9-17.

Prior to beginning injection, the Environmental Protection Agency (EPA) requires that Newfield submit for review and approval (1) the results of a **Part I (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) an **EPA Form No. 7520-12** (Well Rework Record, enclosed), and **confirmation** that gross perforations 2981 feet to 3030 feet, in Balcron Monument State No. 23-2, have been effectively cement squeezed.

Because the Cement Bond Log (CBL) submitted for this well did not show any 80% bond index cement bond within the Confining Zone overlying the Garden Gulch Member, **the operator shall be required to demonstrate Part II (External) Mechanical Integrity within a 180-Day Limited Authorization to Inject period.** This demonstration may be made by a Temperature Survey, Noise Log, or Oxygen Activation Log, and Region 8 may accept the results from a Radioactive Tracer Survey (RATS) under certain circumstances. A limited period of authorization to inject is for the purpose of stabilizing the injection zone prior to this demonstration.

Please be aware that Newfield does not have authorization to begin injection into the Monument State No. 24-2-9-17 until the Prior to Commencing Injection requirements, listed above, have been submitted and evaluated by the EPA, and Newfield has received written authorization to begin injection from the Assistant Regional Administrator, or the Assistant Regional Administrator's authorized representative.

If Newfield has any questions, please call Mr. Dan Jackson at (800) 227-8917 (Ext. 6155), or in the Denver area at (303) 312-6155. Please submit the required pre-authorization to inject data to **ATTENTION: DAN JACKSON**, at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



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

enclosures: Authorization For Conversion of An Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Guidance No. 39: Part I Mechanical Integrity (Internal)
Schematic Diagram: Proposed Conversion

cc w/ enclosures: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Operations Engineer
Newfield Production Company
Denver, CO 80202

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Kirk Fleetwood
Petroleum Engineer
Bureau of Land Management
Vernal District



1
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR AN ADDITIONAL WELL
TO THE
CASTLE DRAW AREA PERMIT: UT20776-00000

The Environmental Protection Agency (EPA) authorizes the inclusion of an additional enhanced recovery injection well to the Castle Draw Area Permit No. UT20776-00000, as authorized by 40 CFR § 144.33 (c). The additional well is described as:

WELL NAME: MONUMENT STATE NO. 24-2-9-17

WELL PERMIT NUMBER: UT20776-06608

SURFACE LOCATION: 600' FSL & 1980' FWL (SE SW)
Sec. 2 - T9 - R17E
Uintah County, Utah.

This well is subject to all provisions of the original Castle Draw Area Permit No. UT20776-00000, and subsequent Modifications, unless specifically detailed below:

UNDERGROUND SOURCE OF DRINKING WATER (USDW): The base of the USDW (Total Dissolved Solids less than 10,000 mg/l) occurs within the Uinta Formation **less than forty-five (45) feet** from ground level (GL). The source for the location of the base of the USDW is the STATE OF UTAH: PUBLICATION NO. 2. BASE OF MODERATELY SALINE GROUND WATER IN THE UINTA BASIN, UTAH. Surface casing was set at **264 feet** kelly bushing (KB) and cemented to the surface.

Reference: <http://NRWRT1.NR.STATE.UT.US...> Water Rights...Queries...POD: Within the one-quarter (1/4) mile Area-of-Review (AOR) around the Monument State No. 24-2-9-17 there are no reservoirs, streams, or springs. There is one shut-in Upper Green River water source well, the Balcron Monument State No. 23-2. The well has been shut-in since 1995 following an analysis of the water which indicated that the fluid recovered had too high an ammonia content for use as an enhanced recovery fluid. Prior to receiving authority to commence injection, the permittee shall cement squeeze gross perforations 2981 feet to 3030 feet.

RECEIVED

AUG 08 2005

DIV. OF OIL, GAS & MINING



WATER ANALYSES:

Produced Green River Formation Water: (11/9/04) **37,488 mg/l TDS.**

Source Water: Johnson Water District Reservoir. (3/31/04) **400 mg/l TDS.**

Blended Injectate: (11/17/04) **19,524 mg/l TDS.**

CONFINING ZONE REVIEW: MONUMENT STATE NO. 24-2-9-17.

The EPA has authorized the gross interval from the top of the Garden Gulch Member to the top of the Wasatch Formation as the enhanced recovery injection interval within the Castle Draw Area Permit. Overlying the top of the Garden Gulch Member (3612 feet), in the Monument State No. 24-2-9-17, are fifty (50) feet of Green River Formation black, slightly silty, impervious shale which forms an effective lithologic **confining zone 3562 feet to 3612 feet.**

Cement Bond Log (CBL) analysis does not identify any 80% bond index cement bond within the confining zone.

INJECTION ZONE REVIEW: MONUMENT STATE NO. 24-2-9-17.

The Castle Draw Final Area Permit (Effective November 29, 1995) authorized injection into the Douglas Creek Member of the Green River Formation. By Major Permit Modification No. 2 (Effective September 9, 2003), the EPA authorized the gross Green River Formation Garden Gulch-Douglas Creek-Basal Carbonate Members as the enhanced recovery injection interval for the Castle Draw Area Permit. This Modification also recognized the **Federal No. 1-26** (NE NW Sec. 26 - T8S - R17E), UIC Permit No. UT20702-04671, as the **TYPE WELL** for identifying the tops of the Garden Gulch Member, the Douglas Creek Member, the Basal Carbonate Member, the top of the Wasatch Formation and the "Confining Zone" overlying the top of the Garden Gulch Member.

The authorized injection zone for the Monument State No. 24-2-9-17 will be from the Garden Gulch Member (3612 feet) to the top of the Wasatch Formation (Estimated to be 5925 feet).

Lithologically, the gross authorized enhanced recovery injection interval, Garden Gulch to the top of the Wasatch Formation, is fluvial and lacustrine shale, fluvial and lacustrine sandstone, lacustrine marlstone, and limestone. The Uinta and Green River Formations are predominantly non-lacustrine fluvial shale and sandstone on the basin margins, whereas lacustrine deposition predominates in the central basin area for these two formations. The Wasatch Formation is predominantly fluvial, except for increasing minor lacustrine deposition in the central basin area.

WELL CONSTRUCTION REVIEW: MONUMENT STATE NO. 24-2-9-17.

SURFACE CASING: 8-5/8 inch casing is set at 264 feet in a 12-1/4 inch hole, using 160 sacks of Class "G" cement circulated to the surface. The base of the USDW is less than 45 feet from ground level.

LONGSTRING CASING: 5-1/2 inch casing is set at 5679 feet kelly bushing (KB) in a 7-7/8 inch hole, and cemented with 230 sacks of Super "G", and 223 sacks of 50/50 Pozmix.

ANNULUS CEMENT:

The operator identifies the top of cement, by CBL, at 1852 feet.

The EPA calculates top of cement at 2764 feet.

The EPA analysis of the CBL/GR identifies continuous 80% cement bond index from 4314 feet to 4510 feet.

An EPA analysis of the Monument State No. 24-2-9-17 CBL/GR did not identify continuous 80% bond index cement bond across the Garden Gulch Member confining zone, pursuant to standards of Region 8 GROUND WATER SECTION GUIDANCE NO. 34: Cement Bond Logging Techniques and Interpretation. Therefore, **it has been determined that the cement in this well may not provide an effective barrier** to upward movement of fluids through vertical channels adjacent to the wellbore, pursuant to 40 CFR 146.8 (a) (2).

PART II. A. CONSTRUCTION REQUIREMENTS FOR ADDITIONAL WELLS

Tubing and Packer:

(Condition 3)

For injection purposes, the Monument State No. 24-2-9-17 shall be equipped with 2-7/8 tubing with a packer to be set at a depth no higher than 100 feet above the top perforation.

Formation Testing and Logging

(Condition 6)

- (a) Upon conversion of the Monument State No. 24-2-9-17, the permittee is required to determine the injection zone **fluid pore pressure** (static bottom hole pressure) prior to commencement of enhanced recovery injection operation. The results of this test shall be submitted to the EPA.

- (b) A **Step-Rate Injectivity Test (SRT)** shall be performed on the Monument State No. 24-2-9-17 **within** three (3) to six (6) months after injection operations are initiated, and the results submitted to the EPA. The permittee may contact the EPA prior to conducting the SRT to acquire the most current Guidance for conducting the SRT.

Because the Cement Bond Log (CBL) submitted for the Monument State No. 24-2-9-17 did not show any 80% bond index cement bond within the Confining Zone overlying the top of the Garden Gulch Member, the operator shall be required to demonstrate Part II (External) Mechanical Integrity (MI) within a 180-day Limited Authorization to Inject. The Part II MI may be demonstrated by a Temperature Log, Noise Log, Oxygen Activation Log, or Region VIII may accept the results from a Radioactive Tracer Survey (RATS) under certain circumstances. The Limited Authorization to Inject is for the purpose of stabilizing the injection zone prior to a Part II MI demonstration.

PART II. B.

Corrective Action

As of July 2005, there are two (2) active Green River oil wells, one (1) shut-in Green River water source well, and two (2) active Class II enhanced recovery injection wells within the one-quarter (1/4) mile radius around the Monument State No. 24-2-9-17. **Only the water source well, the Balcron Monument State No. 23-2, requires corrective action.**

Douglas Creek Member Oil Well:

<u>Federal No. 3-11-9-17:</u>	NE NW Sec. 11 -T9S - R17E
Top Garden Gulch Member:	3598 feet
Garden Gulch Confining Zone:	3516 feet - 3598 feet
Top 80% EPA Cement Bond:	3458 feet - 3598 feet
Top Douglas Creek Member:	4552 feet
Bottom CBL Logged Interval:	5746 feet
Est. Top Basal Carbonate Member:	5778 feet
Total Depth (Driller):	5855 feet in Basal Carbonate.

The 82-foot confining shale overlying the top of the Garden Gulch Member is protected by 80% bond index cement bond. This confining zone annulus cement may prevent upward movement of injected fluids through vertical channels adjacent to the well bore. **Any observation of surface leakage may be considered as noncompliance with the Monument State No. 24-2-9-17 Permit.** The Monument State No. 24-2-9-17 shall suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

Garden Gulch - Douglas Creek Members Oil Wells:

<u>Castle Draw No. 15-2-9-17</u>	SW SE Sec. 2 - T9S - R17E
Top Garden Gulch Member:	3672 feet
Garden Gulch Confining Zone:	3614 feet - 3672 feet
Top 80% EPA Cement Bond:	3893 feet - 4078 feet
Top Douglas Creek Member:	4610 feet
Bottom CBL Logged Interval:	5596 feet
Total Depth (Driller):	5687 feet in Douglas Creek Member.

The 58-foot confining shale overlying the top of the Garden Gulch Member is not protected by 80% bond index cement bond. This lack of confining zone annulus cement may not prevent upward movement of injected fluids through vertical channels adjacent to the well bore. The permittee will be required to inspect the surface of this location for fluid leaks on a weekly basis. **Any observation of surface leakage may be considered as noncompliance with the Monument State No. 24-2-9-17 Permit.** The Monument State No. 24-2-9-17 shall suspend operations immediately, and will stay suspended until the noncompliance has been resolved, and renewed injection has been approved in writing by the Director.

Permitted Class II Enhanced Recovery Injection Wells:

Castle Draw No. 10-2R-9-17 NW SE Sec. 2 - T9S - R17E
UT20776-04474

Balcron Monument State No. 14-2 SW SW Sec. 2 - T9S - R17E
UT20776-04275

Upper Green River Water Source Well: Requires Corrective Action.

Balcron Monument State No. 23-2: NE SW Sec. 2 - T9S - R17E
Drilled to 5700 feet in the Douglas Creek Member of the Green River Formation. Prior to perforating the cased gross interval 2981 feet to 3030 feet, the operator set three (3) open-hole plugs: **3788 feet - 3888 feet**, which plug appear above Garden Gulch Member tops in the Area-of-Review; and **5001 feet to 5101 feet** and **5500 feet to 5600 feet** in the Douglas Creek Member. The Douglas Creek Member top of 4659 feet is correlative to other Area-of-Review wells.

No Cement Bond Log was submitted to the State of Utah. No record as to why operator selected depths to set open-hole cement plugs.

Operator set 5-1/2 inch casing at 3462 feet in the Green River Formation. Operator perforated 2981 feet to 2988 feet, and 2995 feet to 3030 feet. Intention was to use Balcron Monument State No 23-2 as an Upper Green River water source well.

Following recovery of water with "too much ammonia" content the well was shut-in in 1995. Current status is shut-in.

It is the stated intent (July 20, 2005, telephone conversation with Newfield) that the Balcron Monument State No. 23-2 water source well will be plugged and abandoned. However, Newfield shall submit to the EPA confirmation that the Green River interval 2981 feet to 3030 feet has been effectively cement squeezed.

PART II. C.

Prior to Commencing Injection (Additional Wells)

(Condition 2)

Monument State No. 24-2-9-17: This document is being issued without authority to inject. Prior to beginning injection, the operator is required to submit the following information for EPA review and written approval:

- **Monument State No. 24-2-9-17: A successful **mechanical integrity test (MIT)** demonstrating Part I Internal MI (Enclosed).**
- **Monument State No. 24-2-9-17: A **pore pressure calculation** of the proposed injection zone.**
- **Monument State No. 24-2-9-17: An EPA Form No. 7520-12 (**Well Rework Record**, enclosed).**
- **Balcron Monument State No. 23-2: Confirmation that Green River perforations, gross 2981 feet to 3030 feet, are effectively cement squeezed, i.e., to preclude uphole migration of "ammonia-tainted" water.**

Monument State No. 24-2-9-17: Confirmation that the injectate will be confined to the authorized injection zone: It has been determined that the annulus cement in this well may not provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the wellbore (Part II MI), pursuant to 40 CFR §146.8 (a) (2). Within a *180-day Limited Authorization to Inject Period***, the permittee/operator shall demonstrate **Part II (External) Mechanical Integrity.****

Injection Interval

(Condition 3)

Injection shall be limited to the gross Garden Gulch, Douglas Creek and Basal Carbonate Members of the Green River Formation from 3612 feet (KB) to the top of the Wasatch Formation, estimated to be 5925 feet (KB).

Injection Pressure Limitation

(Condition 4)

Pursuant to Final Area Permit UT20776-00000, Part II. Section C. 5. (b). the maximum allowable injection pressure (MAIP) shall not exceed 2137 psig. Until such time that a Step-Rate Injectivity Test (SRT) has been performed, reviewed and approved by the EPA, the initial MAIP for the Monument State No. 24-2-9-17 shall not exceed **1670 psig**.

The applicant has submitted a sand/frac calculated minimum fracture gradient of 0.880 psi/ft. A review of SRT-derived fracture gradients (FG) in Section 2 - T9S - R17E has determined that the average FG is 0.844 psi/ft. Until such time that a SRT has been performed, reviewed, and approved by the EPA, the initial maximum allowable injection pressure (MAIP), based upon a FG of 0.844 psi/ft for the **Monument State No. 24-2-9-17**, shall not exceed **1670 psig**.

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] \text{D} \\ \text{FG} &= 0.844 \text{ psi/ft} \\ \text{SG} &= 1.005 \\ \text{D} &= 4078 \text{ feet. Top perforation.} \\ \\ \text{MAIP} &= [0.844 - (0.433)(1.005)] 4078 \\ \\ \text{MAIP} &= 1667 \text{ psig, but rounded up to } \mathbf{1670 \text{ psig.}} \end{aligned}$$

Part II. C. 5. (b) Final Area Permit (UT20776-00000), has a provision whereby the operator may request an increase, or decrease, in the maximum surface injection pressure.

PART II. F.Demonstration of Financial Responsibility:

(Condition 1)

The current plugging and abandonment cost for the Monument State No. 24-2-9-17 is estimated to be \$33,025.00, i.e., approximately \$5.80/ft.. The applicant has chosen to demonstrate financial responsibility via a **Financial Statement** that has been reviewed and approved by the EPA.

PART III. E.Reporting of Noncompliance:

(Condition 10)

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted **no later than thirty (30) days following each schedule date.**
- (c) Written Notice of any noncompliance which may endanger health or the environment **shall be reported to the Director within five (5) days** of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting:

(Condition 11)

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-800-227-8917 and asking for the **EPA Region VIII UIC Program Compliance and Enforcement Director**, or by contacting the **Region VIII Emergency Operations Center at 303-293-1788** if calling from outside EPA Region VIII. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

(Condition 12)

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-800-424-8802 or 202-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>.**

Other Noncompliance:

(Condition 13)

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted. The reports shall contain the information listed in Part III. 10. c. ii. of this Permit.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

APPENDIX C

PLUGGING AND ABANDONMENT: The Plugging and Abandonment (P&A) Plan (Application Attachment Q-2), submitted by the applicant, has been reviewed and approved by the EPA. The following applicant's P&A Plan is consistent with EPA requirements to protect all USDWs. The permittee will place 9.2 ppg plugging gel or bentonite mud between all cement plugs.

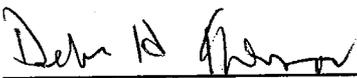
PLUG NO. 1: Set a cast iron bridge plug (CIBP) at 3983 feet. Place 100 feet of Class "G" cement on top of CIBP.

PLUG NO. 2: Set a cement plug inside of the 5-1/2 inch casing from 2000 feet to 2200 feet over a water zone.

PLUG NO. 3: Perforate 4 JSPF at 314 feet. Circulate Class "G" cement down the 5-1/2 inch casing and up the 5-1/2 inch X 8-5/8 inch annulus to the surface.

This authorization for well conversion of the Monument State No. 24-2-9-17 to an injection well becomes effective upon signature.

Date: AUG - 4 2005


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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500

DENVER, COLORADO 80202-2466

SUBJECT: GROUND WATER SECTION GUIDANCE NO. 39
Pressure testing injection wells for Part I (internal)
Mechanical Integrity

FROM: Tom Pike, Chief
UIC Direct Implementation Section

TO: All Section Staff
Montana Operations Office

Introduction

The Underground Injection Control (UIC) regulations require that an injection well have mechanical integrity at all times (40 CFR 144.28 (f) (2) and 40 CFR 144.51 (q) (1)). A well has mechanical integrity (40 CFR 146.8) if:

- (1) There is no significant leak in the tubing, casing or packer; and
- (2) There is no significant fluid movement into an underground source of drinking water (USDW) through vertical channels adjacent to the injection wellbore.

Definition: Mechanical Integrity Pressure Test for Part I. A pressure test used to determine the integrity of all the downhole components of an injection well, usually tubing, casing and packer. It is also used to test tubing cemented in the hole by using a tubing plug or retrievable packer. Pressure tests must be run at least once every five years. If for any reason the tubing/packer is pulled, the injection well is required to pass another mechanical integrity test of the tubing casing and packer prior to recommencing injection regardless of when the last test was conducted. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on either the attached form or an equivalent form containing the necessary information. A pressure recording chart documenting the actual annulus test pressures must be attached to the form.

This guidance addresses making a determination of Part I of Mechanical Integrity (no leaks in the tubing, casing or packer). The Region's policy is: 1) to determine if there are significant leaks in the tubing, casing or packer; 2) to assure that the casing can withstand pressure similar to that which

would be applied if the tubing or packer fails; 3) to make the Region's test procedure consistent with the procedures utilized by other Region VIII Primacy programs; and 4) to provide a procedure which can be easily administered and is applicable to all class I and II wells. Although there are several methods allowed for determining mechanical integrity, the principal method involves running a pressure test of the tubing/casing annulus. Region VIII's procedure for running a pressure test is intended to aid UIC field inspectors who witness pressure tests for the purpose of demonstrating that a well has Part I of Mechanical Integrity. The guidance is also intended as a means of informing operators of the procedures required for conducting the test in the absence of an EPA inspector.

Pressure Test Description

Test Frequency

The mechanical integrity of an injection well must be maintained at all times. Mechanical integrity pressure tests are required at least every five (5) years. If for any reason the tubing/packer is pulled, however, the injection well is required to pass another mechanical integrity test prior to recommencing injection regardless of when the last test was conducted. The Regional UIC program must be notified of the workover and the proposed date of the pressure test. The well's test cycle would then start from the date of the new test if the well passes the test and documentation is adequate. Tests may be required on a more frequent basis depending on the nature of the injectate and the construction of the well (see Section guidance on MITs for wells with cemented tubing and regulations for Class I wells).

Region VIII's criteria for well testing frequency is as follows:

1. Class I hazardous waste injection wells; initially [40 CFR 146.68(d)(1)] and annually thereafter;
2. Class I non-hazardous waste injection wells; initially and every two (2) years thereafter, except for old permits (such as the disposal wells at carbon dioxide extraction plants which require a test at least every five years);
3. Class II wells with tubing, casing and packer; initially and at least every five (5) years thereafter;
4. Class II wells with tubing cemented in the hole; initially and every one (1) or two (2) years thereafter

depending on well specific conditions (See Region VIII UIC Section Guidance #36);

5. Class II wells which have been temporarily abandoned (TAd) must be pressure tested after being shut-in for two years; and
6. Class III uranium extraction wells; initially.

Test Pressure

To assure that the test pressure will detect significant leaks and that the casing is subjected to pressure similar to that which would be applied if the tubing or packer fails, the tubing/casing annulus should be tested at a pressure equal to the maximum allowed injection pressure or 1000 psig whichever is less. The annular test pressure must, however, have a difference of at least 200 psig either greater or less than the injection tubing pressure. Wells which inject at pressures of less than 300 psig must test at a minimum pressure of 300 psig, and the pressure difference between the annulus and the injection tubing must be at least 200 psi.

Test Criteria

1. The duration of the pressure test is 30 minutes.
2. Both the annulus and tubing pressures should be monitored and recorded every five (5) minutes.
3. If there is a pressure change of 10 percent or more from the initial test pressure during the 30 minute duration, the well has failed to demonstrate mechanical integrity and should be shut-in until it is repaired or plugged.
4. A pressure change of 10 percent or more is considered significant. If there is no significant pressure change in 30 minutes from the time that the pressure source is disconnected from the annulus, the test may be completed as passed.

Recordkeeping and Reporting

The test results must be recorded on the attached form. The annulus pressure should be recorded at five (5) minute intervals. Tests run by operators in the absence of an EPA inspector must be conducted according to these procedures and recorded on the attached form or an equivalent form and a pressure recording

chart documenting the actual annulus test pressures must be attached to the submittal. The tubing pressure at the beginning and end of each test must be recorded. The volume of the annulus fluid bled back at the surface after the test should be measured and recorded on the form. This can be done by bleeding the annulus pressure off and discharging the associated fluid into a five gallon container. The volume information can be used to verify the approximate location of the packer.

Procedures for Pressure Test

1. Scheduling the test should be done at least two (2) weeks in advance.
2. Information on the well completion (location of the packer, location of perforations, previous cement work on the casing, size of casing and tubing, etc.) and the results of the previous MIT test should be reviewed by the field inspector in advance of the test. Regional UIC Guidance #35 should also be reviewed. Information relating to the previous MIT and any well workovers should be reviewed and taken into the field for verification purposes.
3. All Class I wells and Class II SWD wells should be shut-in prior to the test. A 12 to 24-hour shut-in is preferable to assure that the temperature of the fluid in the wellbore is stable.
4. Class II enhanced recovery wells may be operating during the test, but it is recommended that the well be shut-in if possible.
5. The operator should fill the casing/tubing annulus with inhibited fluid at least 24 hours in advance, if possible. Filling the annulus should be undertaken through one valve with the second valve open to allow air to escape. After the operator has filled the annulus, a check should be made to assure that the annulus will remain full. If the annulus can not maintain a full column of fluid, the operator should notify the Director and begin a rework. The operator should measure and report the volume of fluid added to the annulus. If not already the case, the casing/tubing valves should be closed, at least, 24 hours prior to the pressure test.

Following steps are at the well:

6. Read tubing pressure and record on the form. If the

well is shut-in, the reported information on the actual maximum operating pressure should be used to determine test pressures.

7. Read pressure on the casing/tubing annulus and record value on the form. If there is pressure on the annulus, it should be bled off prior to the test. If the pressure will not bleed-off, the guidance on well failures (Region VIII UIC Section Guidance #35) should be followed.
8. Ask the operator for the date of the last workover and the volume of fluid added to the annulus prior to this test and record information on the form.
9. Hook-up well to pressure source and apply pressure until test value is reached.
10. Immediately disconnect pressure source and start test time (If there has been a significant drop in pressure during the process of disconnection, the test may have to be restarted). The pressure gages used to monitor injection tubing pressure and annulus pressure should have a pressure range which will allow the test pressure to be near the mid-range of the gage. Additionally, the gage must be of sufficient accuracy and scale to allow an accurate reading of a 10 percent change to be read. For instance, a test pressure of 600 psi should be monitored with a 0 to 1000 psi gage. The scale should be incremented in 20 psi increments.
11. Record tubing and annulus pressure values every five (5) minutes.
12. At the end of the test, record the final tubing pressure.
13. If the test fails, check the valves, bull plugs and casing head close up for possible leaks. The well should be retested.
14. If the second test indicates a well failure, the Region should be informed of the failure within 24 hours by the operator, and the well should be shut-in within 48 hours per Headquarters guidance #76. A follow-up letter should be prepared by the operator which outlines the cause of the MIT failure and proposes a potential course of action. This report should be submitted to EPA within five days.

15. Bleed off well into a bucket, if possible, to obtain a volume estimate. This should be compared to the calculated value obtained using the casing/tubing annulus volume and fluid compressibility values.
16. Return to office and prepare follow-up.

Alternative Test Option

While it is expected that the test procedure outlined above will be applicable to most wells, the potential does exist that unique circumstances may exist for a given well that precludes or makes unsafe the application of this test procedure. In the event that these exceptional or extraordinary conditions are encountered, the operator has the option to propose an alternative test or monitoring procedures. The request must be submitted by the operator in writing and must be approved in writing by the UIC-Implementation Section Chief or equivalent level of management.

Attachment

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: ____/____/____

Test conducted by: _____

Others present: _____

Well Name: _____	Type: ER SWD	Status: AC TA UC
Field: _____		
Location: _____	Sec: ____ T ____ N/S R ____ E/W	County: _____ State: ____
Operator: _____		
Last MIT: ____/____/____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No

Initial test for permit? Yes No

Test after well rework? Yes No

Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MITDATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	psig	psig	psig
5 minutes	psig	psig	psig
10 minutes	psig	psig	psig
15 minutes	psig	psig	psig
20 minutes	psig	psig	psig
25 minutes	psig	psig	psig
30 minutes	psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

Monument State #24-2-9-17 *UT 20776-06608*

Spud Date: 2/3/1995
 Put on Production: 3/16/1995
 GL: 5042' KB: 5052'

Initial Production: 26 BOPD,
 NM MCFD, 3 BWPD

Proposed Injection
 Wellbore Diagram

FRAC JOB

Date	Depth Range	Notes
2/27/95	5116'-5124'	Frac zone as follows: 17,740# 20/40 sand + 24,120# 16/30 in 378 bbls fluid. Treated @ avg press of 3270 psi w/avg rate of 30 BPM. ISIP 2800 psi. Calc. flush: 5116 gal., Act. flush: 5040 gal.
3/2/95	4078'-4114'	Frac zone as follows: 101,820# 16/30 sand in 657 bbls fluid. Treated @ avg press. of 2250 psi w/avg rate of 29.8 BPM. ISIP 2500 psi. Calc. flush: 4078 gal., Act. flush: 3990 gal.
2/25/98	4648'-4741'	Frac zone as follows: 102,400# 20/40 sand in 426 bbls fluid. Treated @ avg press of 7000 psi w/avg rate of 26 BPM. ISIP 2065 psi. Calc. flush: 4648 gal.
12/20/01		Tubing leak. Update rod and tubing details.
3/12/02		Parted rods. Update rod and tubing details.
5/22/03		Tubing leak. Update rod and tubing details.

SURFACE CASING

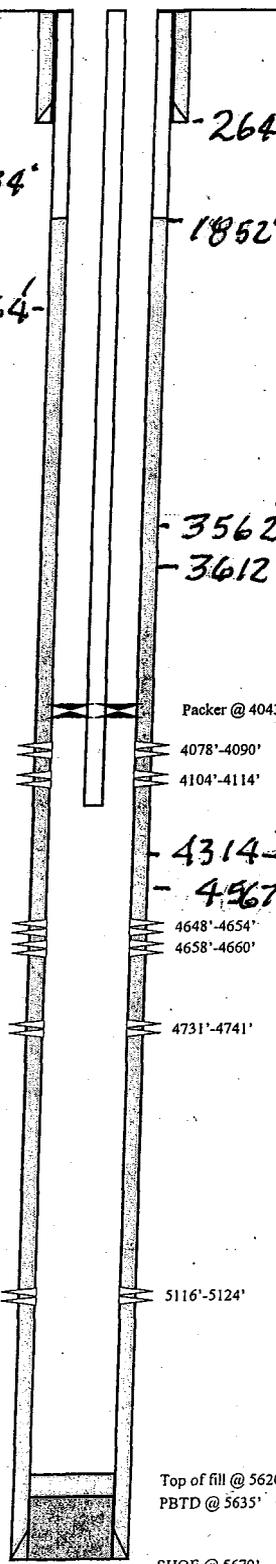
CSG SIZE: 8-5/8"
 GRADE: J-55 *B250 U99Ws* **<45'**
 WEIGHT: 24#
 LENGTH: 6 jts. (253.9')
 DEPTH LANDED: 263.9'
 HOLE SIZE: 12-1/4" *Green River* **1384'**
 CEMENT DATA: 160 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5669.77')
 DEPTH LANDED: 5678.77'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 230 sxs Super "G" & 223 sxs 50/50 POZ.
 CEMENT TOP AT: 1852' per CBL

TUBING

SIZE/GRADE/WT: 2 7/8" / 6.5# / J-55
 NO. OF JOINTS: 140 jts (4360.47')
 NO. OF JOINTS: 24 jts NEW (763.27)
 TUBING ANCHOR: 5126.54'
 NO. OF JOINTS: 1 jt. (32.57') (5159.11')
 SEATING NIPPLE: 2 7/8" (1.10")
 SN LANDED AT: 5160.21'
 NO. OF JOINTS: 1 jts (31.57') (5191.78')
 TOTAL STRING LENGTH: EOT @ 5192.23'



PERFORATION RECORD

Date	Depth Range	Tool	Holes
2/24/95	5116'-5124'	4 JSPP	32 holes
3/02/95	4078'-4090'	4 JSPP	48 holes
3/02/95	4104'-4114'	4 JSPP	40 holes
2/24/98	4648'-4654'	4 JSPP	24 holes
2/24/98	4658'-4660'	4 JSPP	08 holes
2/24/98	4731'-4741'	4 JSPP	40 holes

NEWFIELD

Newfield Production
 Monument State #24-2-9-17
 660' FSL & 1980' FWL
 SE/SW Section 2-T9S-R17E
 Uintah County, Utah
 API #43-047-32612; Lease #ML-45555

- Est. 5800' B2571 Carbonate Mem. -
- Est. 5925' Wasatch Fm. -
 MC 12/6/04

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML45555

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MONUMENT ST 24-2

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4304732612

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0660 FSL 1980 FWL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/SW, 2, T9S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
10/31/2005	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put Well on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

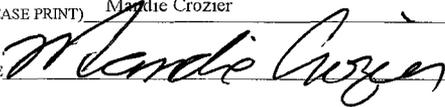
The above referenced well was put on injection at 10:30 a.m. on 10/31/05.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE



DATE 11/01/2005

(This space for State use only)

RECEIVED

NOV 02 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML45555

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
CASTLE DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
MONUMENT ST 24-2

2. NAME OF OPERATOR
Newfield Production Company

9. API NUMBER:
4304732612

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0660 FSL 1980 FWL

COUNTY: Uintah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/SW, 2, T9S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 01/12/2006	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on January 10, 2006. Results from the test indicate that the fracture gradient is .824 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1585 psi.

Accepted by the
Utah Division of
Oil Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Cheyenne Batemen

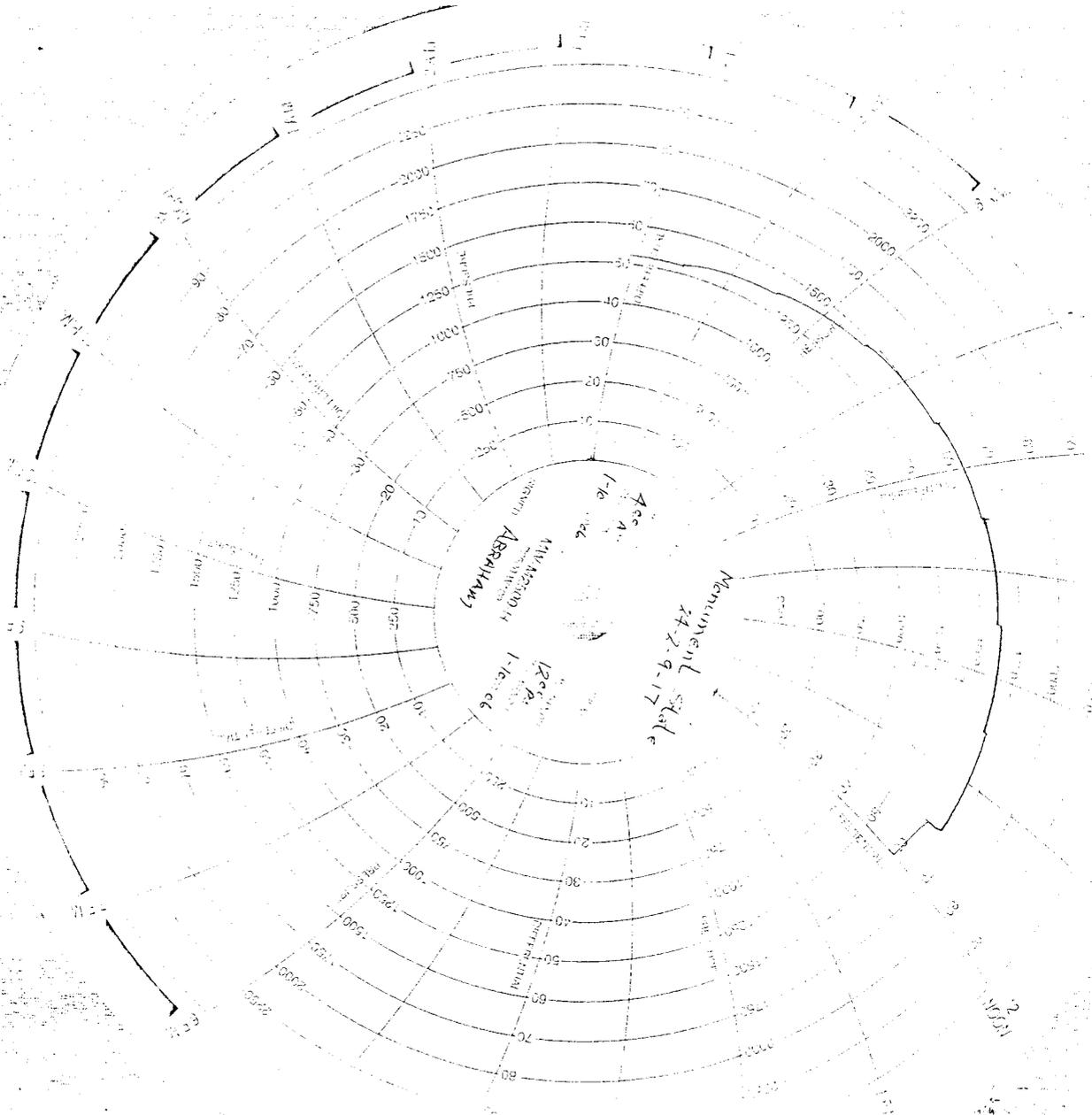
TITLE Well Analyst Foreman

SIGNATURE 

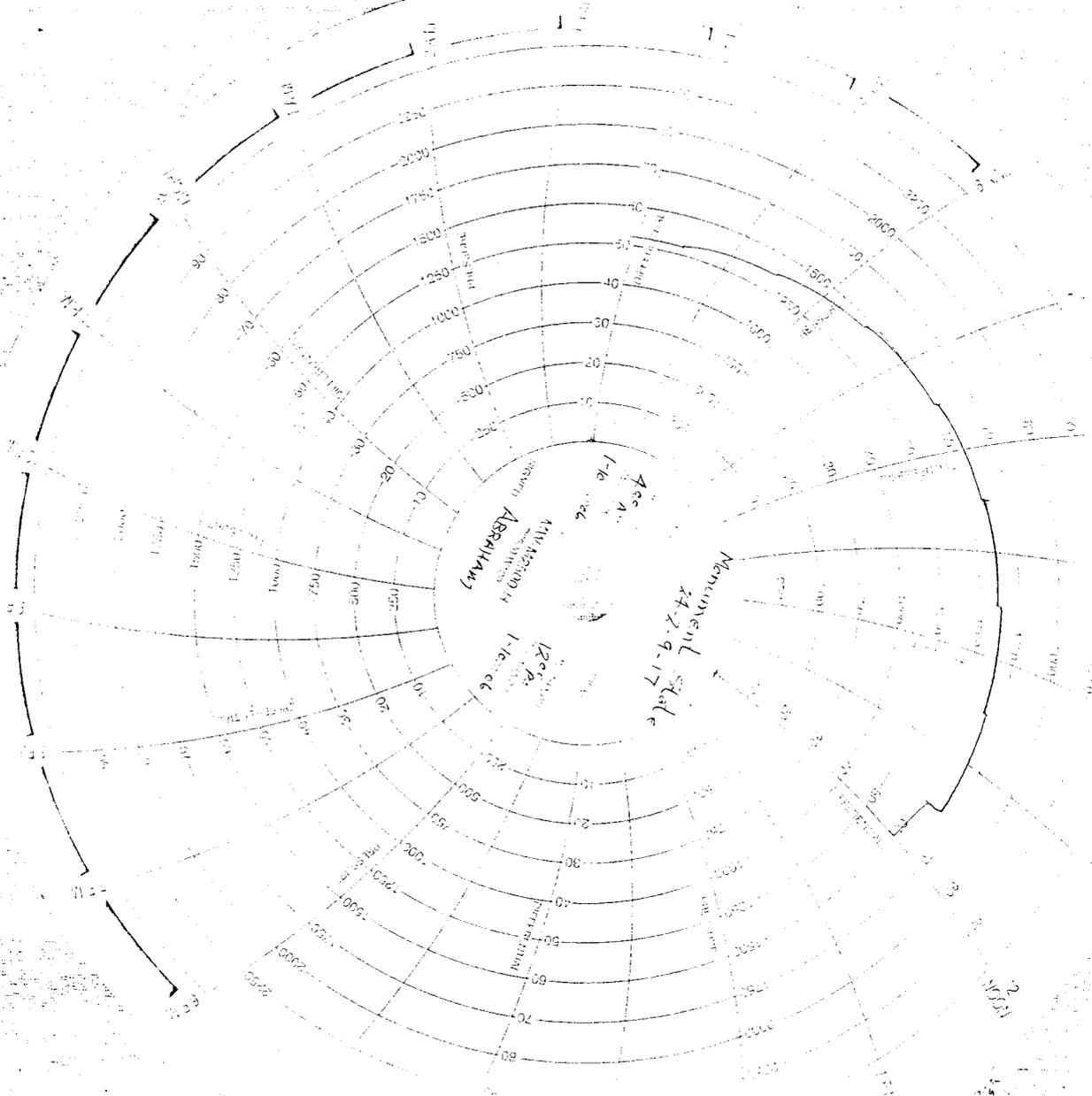
DATE 01/12/2006

(This space for State use only)

RECEIVED
JAN 13 2006
DIV. OF OIL, GAS & MINING

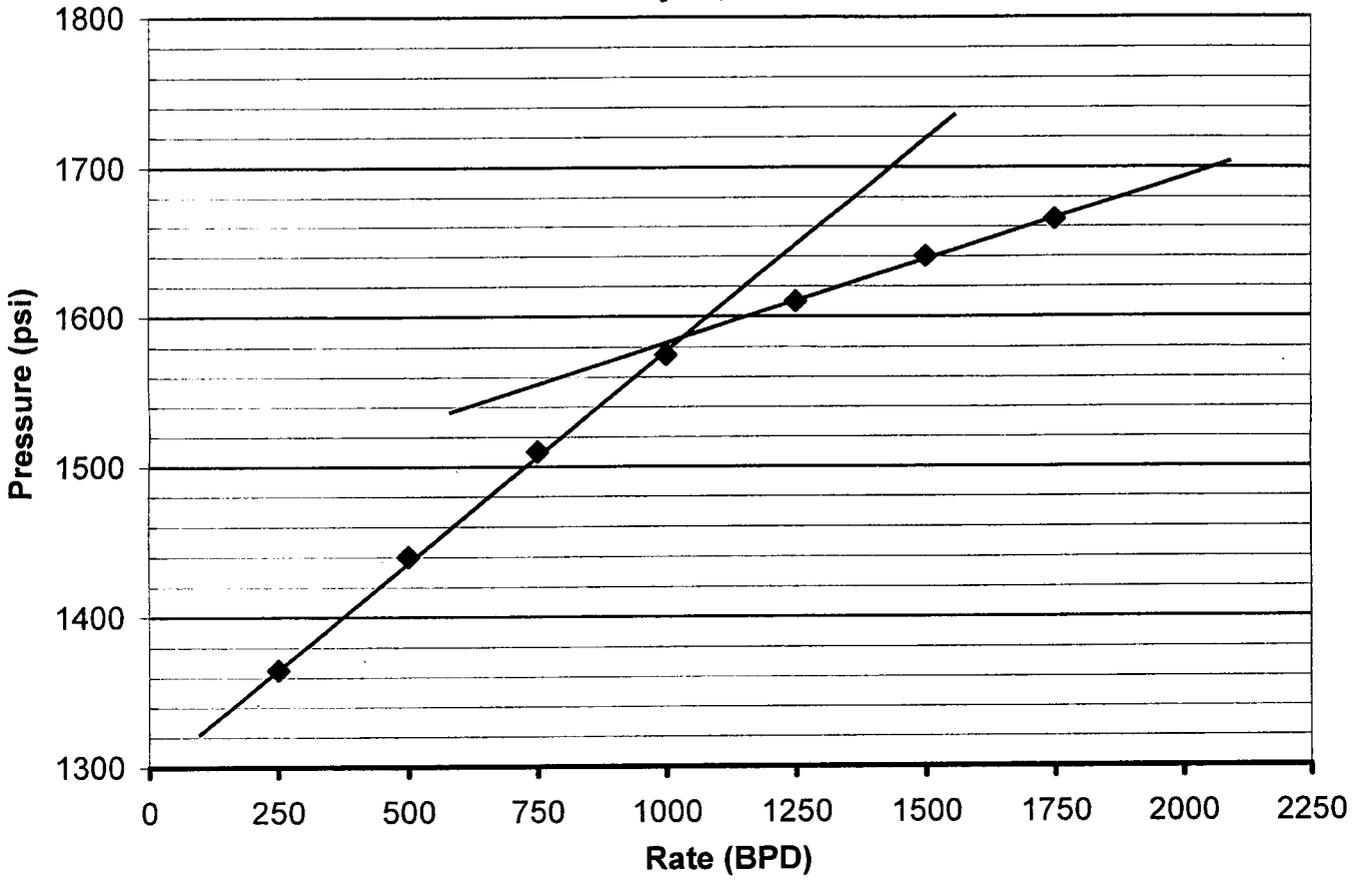


Acc. A.
1-6 sec
MAY 23 1950
ABRAHAM
1-6 sec
Memorial State
24-29-17



Acc. A.
1-6 sec
MAY 23 1950
ABRAHAM
1-6 sec
Memorial State
24-29-17

Monument State 24-2-9-17
Castle Draw Unit
Step Rate Test
January 10, 2006



Start Pressure: 1300 psi
Instantaneous Shut In Pressure (ISIP): 1630 psi
Top Perforation: 4078 feet
Fracture pressure (P_{fp}): 1585 psi
FG: 0.824 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	250	1365
2	500	1440
3	750	1510
4	1000	1575
5	1250	1610
6	1500	1640
7	1750	1665

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-4555

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: CASTLE DRAW UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: MONUMENT ST 24-2
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 660 FSL 1980 FWL		9. API NUMBER: 4304732612
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 2, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>06/04/2009</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted, attached is a daily status report. The following perforations were added in the Green formation: 5487'-5498' 4 JSPF 44 holes.

On 05/26/09 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 05/27/09. ON 06/05/09 the csg was pressured up to 1320 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1000 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT 20776-06608
API # 43-047-32612

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

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Tech</u>
SIGNATURE	DATE <u>06/10/2009</u>

(This space for State use only)

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JUN 15 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****MON 24-2-9-17****4/1/2009 To 8/30/2009****6/2/2009 Day: 1****Recompletion**

WWS #5 on 6/1/2009 - MIRUSU. Open well w/ 1250 on tbg. Well flowed for 2 hours. Release pkr. RU BOP's. Flush tbg w/ 90 bbls water. Drop stand-in valve. Pump 30 bbls water. RU sand line. Push stand-in valve in place. Test tbg to 3000 psi. Fish stand-in valve. SIFN.

6/3/2009 Day: 2**Recompletion**

WWS #5 on 6/2/2009 - Open well w/ 350 on tbg. Well flowing 1/4 bpm. Pickup, tally & TIH w/ N-80, 2-7/8" tbg to tag @ 5499'. TOOH w/ tbg. LD Arrow Set pkr. RU 4-3/4" blade bit & SN. TIH w/ N-80 frac string to C/O to 5588'. Circulate KCL wtr. TOOH w/ tbg. RU Perforators LLC. WLT & pack-off. RIH w/ 11' & 8' perf guns. Perforate CP1 sds @ 5487-98' & 5450-58' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 76 shots. Tag @ 5575' WLTD. RD WLT. PU 5-1/2" Weatherford "TS" RBP, Retrieving tool, 2-3/8" x 4' pup joint, SN, 40 jts tbg. SIFN.

6/4/2009 Day: 3**Recompletion**

WWS #5 on 6/3/2009 - Open well w/ 350 on tbg. Well flowing 1/4 bpm. TIH w/ tbg & set RBP @ 5550'. Set pkr @ 5508'. Test tools to 1500 psi. Release pkr & reset @ 5477'. Break down CP1 sds @ 5487-98' @ 1300 psi w/ 2 bbls fluid @ 1/3 bpm. Pressure climb to 1550 psi. ISIP was 1300. Release pkr & TOOH w/ tbg to leave hang @ 5398'. SIFN.

6/5/2009 Day: 4**Recompletion**

WWS #5 on 6/4/2009 - Open well w/ 700 on tbg. Set pkr @ 5398'. Casing has 450 psi (climbed to 595 during frac). RU BJ Services. Perfs taking fluid @ 1380 psi, climbed to 1939 psi @ 5 bpm w/ 5 bbls away. ISIP was 1060 w/ .62FG. 1 min ws 940. 4 min was 804. Pump 30 gals of Techna Hib chemical @ 4% by volume. Frac w/ 17,064#'s of 20/40 sand in 248 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3991 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1847 w/ .77FG. 5 min was 1711. 10 min was 1673. 15 min was 1633. RD BJ. Flow well back. Well flowed for 1.5 hours & died w/ 180 bbls rec'd. Open pkr. Circulate tbg clean. TIH w/ tbg to tag 20' of sand. Release RBP. TOOH w/ N-80 tbg, laying down on trailer. LD tools. RU 5-1/2" x 2-1/2" Arrow Set 1 pkr w/ wireline entry guide, SN, 129 jts tbg to leave hang @ 4025'. Drop standin valve. Pump 30 bbls water to test tbg to 3000 psi. RU sand line & fish std vlv. RD BOP's. Pump 65 bbls prk fluid. Land tbg w/ 18,000#'s tension w/ Pkr @ 4021' w/ EOT @ 4025'. Test casing to 1400 psi. Good test. SIFN.

Pertinent Files: Go to File List

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 5 / 09
 Test conducted by: Trefley J. Raza
 Others present: _____

Well Name: <u>MONUMENT STATE 24-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SE/SW</u> Sec: <u>2</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Uintah</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: _____ / _____ / _____	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 2 bpd

Pre-test casing/tubing annulus pressure: 2 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1000</u> psig	psig	psig
End of test pressure	<u>1000</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1320</u> psig	psig	psig
5 minutes	<u>1320</u> psig	psig	psig
10 minutes	<u>1320</u> psig	psig	psig
15 minutes	<u>1320</u> psig	psig	psig
20 minutes	<u>1320</u> psig	psig	psig
25 minutes	<u>1320</u> psig	psig	psig
30 minutes	<u>1320</u> psig	psig	psig
_____ minutes	<u>-</u> psig	psig	psig
_____ minutes	<u>-</u> psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

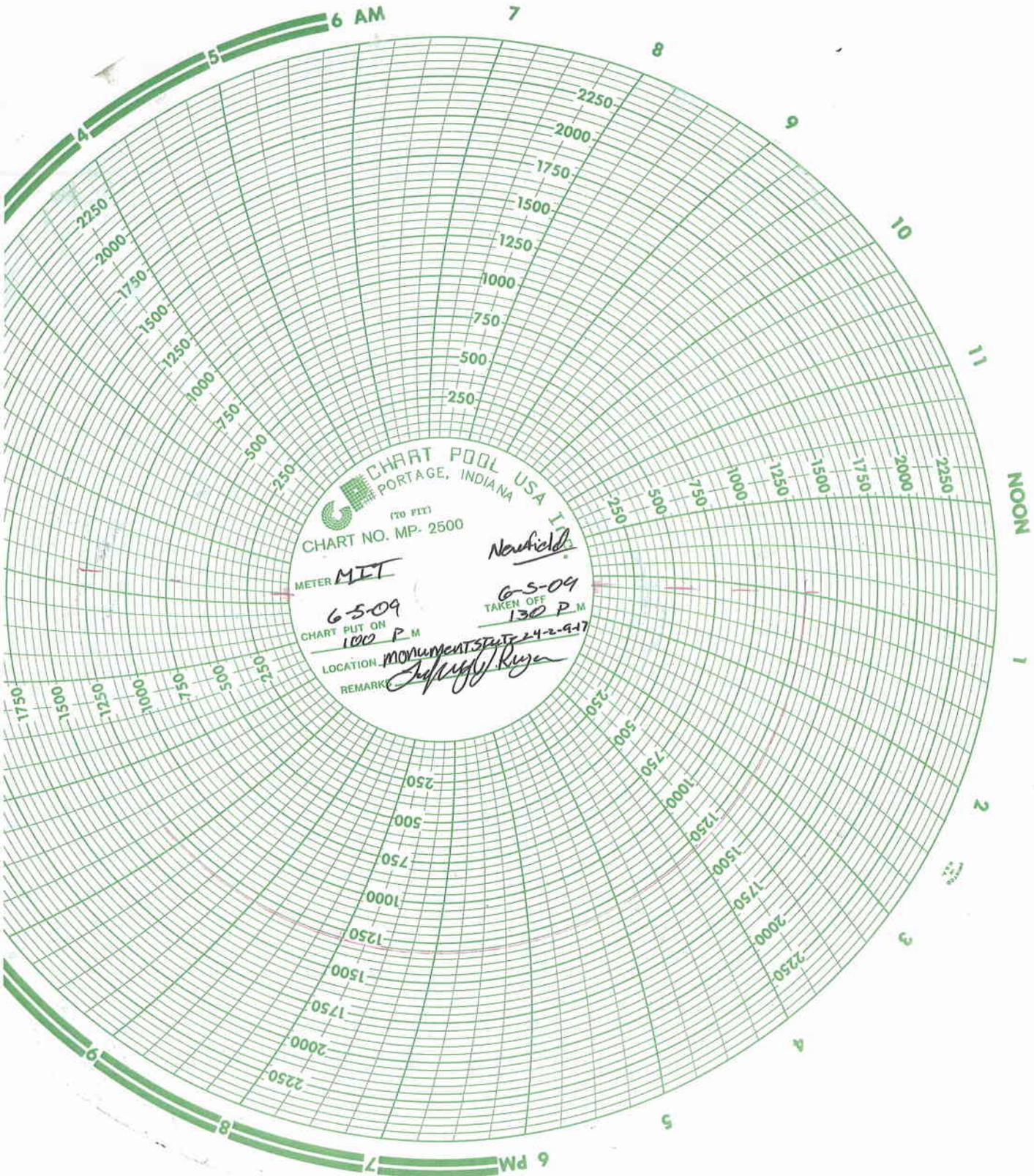


CHART POOL USA I
PORTAGE, INDIANA
(70 FEET)
CHART NO. MP-2500

METER *MIT*

Newfield

6-5-09
CHART PUT ON
100 P.M.

TAKEN OFF
130 P.M.

LOCATION *monument state 24-2-9-17*

REMARK *Edwards Ryan*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

DEC - 9 2009

RECEIVED

DEC 14 2009

Ref: 8ENF-UFO

CERTIFIED MAIL 7005-1160-0005-3396-8626
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mike Guinn, District Manager
Newfield Production Company
Route 3, Box 3630
Myton, Utah 84052

43 047 32612
95 17E 2

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Re: Underground Injection Control (UIC)
Permission To Resume Injection
Monument State #24-2-9-17 Well
EPA Permit #UT20776-06608
Castle Draw Oil Field
Duchesne County, Utah

Dear Mr. Guinn:

On June 16, 2009, EPA received information from Newfield Production Company on the above referenced well concerning the planned workover to add new perforations spanning the depth from 5448 to 5498 feet below surface within the existing authorized injection zone which spans from 3612 to 5925 feet below surface, and the followup mechanical integrity test (MIT) conducted on June 5, 2009. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 5, 2014.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Nathan Wiser at (303) 312-6211. Please direct all correspondence to the attention of Nathan Wiser at Mail Code 8ENF-UFO.

Sincerely,



Mark A.R. Chalfant
Director
Technical Enforcement Program

cc: Curtis Cesspooch, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ferron Secakuku, Natural Resources Director
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-45555
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MONUMENT ST 24-2	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047326120000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 02 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: UINTAH	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/2/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 05/02/2014 the casing was pressured up to 1783 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1520 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-06608		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 12, 2014
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/7/2014	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 2 / 2014
 Test conducted by: Kane Stevenson
 Others present: None

Well Name: <u>Monument SF 24-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>24</u> Sec: <u>2</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>	
Operator: <u>Newfield Production</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1595</u>	PSIG

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

Pre-test casing/tubing annulus pressure: CSG-0 Tub-1520 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1520</u> psig	psig	psig
End of test pressure	<u>1518</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1779</u> psig	psig	psig
5 minutes	<u>1780</u> psig	psig	psig
10 minutes	<u>1781</u> psig	psig	psig
15 minutes	<u>1781</u> psig	psig	psig
20 minutes	<u>1782</u> psig	psig	psig
25 minutes	<u>1782</u> psig	psig	psig
30 minutes	<u>1783</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

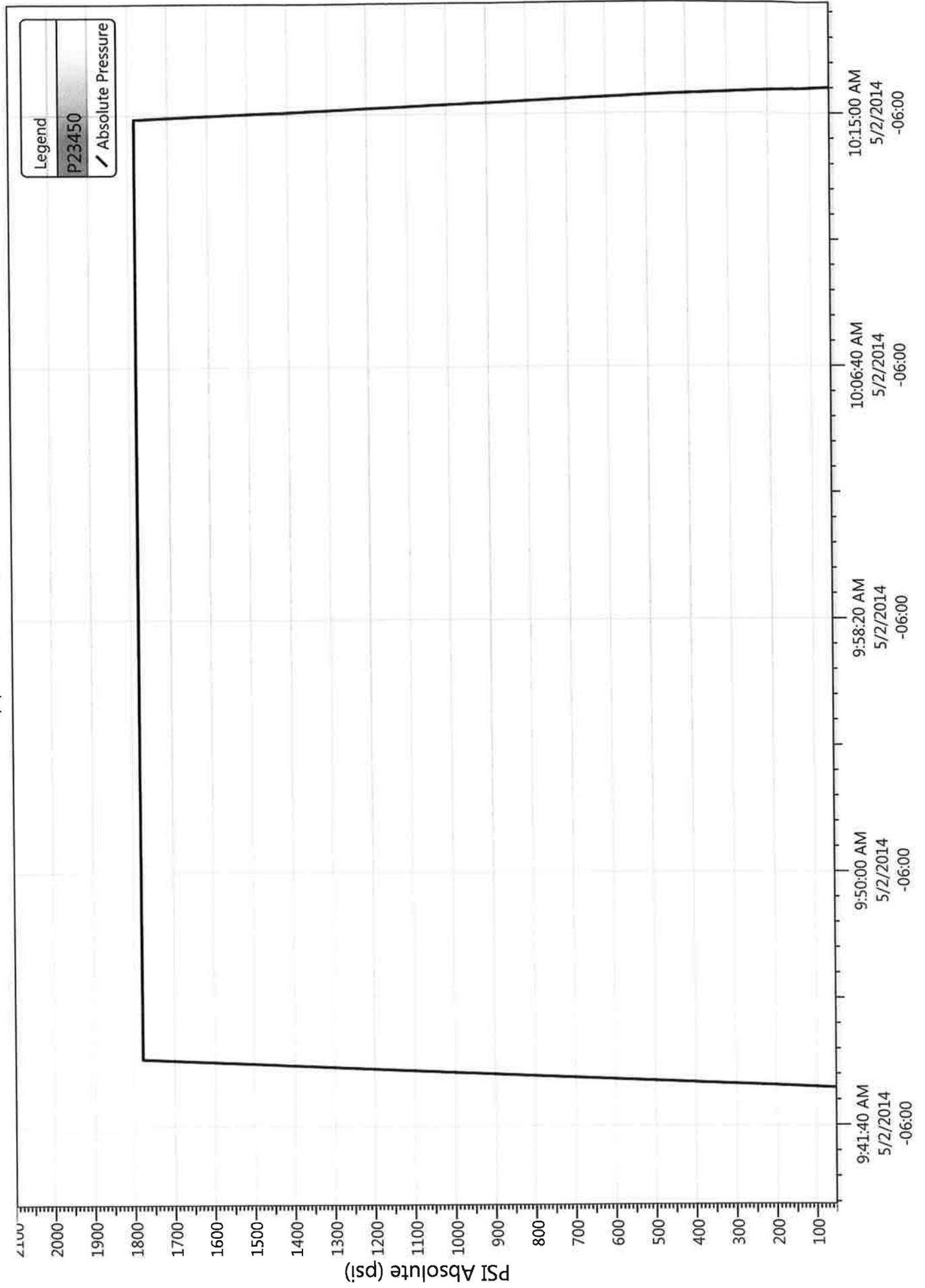
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

24-2-9-17 (5 Year MIT) 5/2/2014
5/2/2014 9:40:27 AM



NEWFIELD



September 26, 2005

Mr. Dan Jackson
Environmental Protection Agency
Region VII
999 18th Street Suite 300
Denver, Colorado 80202-2466

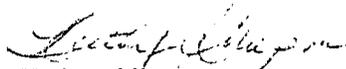
43 047 32612
2 95 17E

RE: Injection Conversion/MIT
Monument State 24-2-9-17
EPA UT20776-06608

Dear Mr. Jackson:

The subject well was converted from a producing oil well to a water injection well. An MIT was performed. Attached are the EPA Form 7520-12, MIT Pressure Test, an updated wellbore diagram and a copy of the chart. The pore pressure for this well has been calculated to be 1116 psia.

Sincerely,


Kathy Chapman
Office Manager

NEWFIELD



September 26, 2005

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MI
Monument State 24-2-9-17
Sec. 2, T9, R17
API #43-047-32612

Dear Mr. Brad Hill:

The subject well was converted to an injector. An MI was conducted on the well. Please find enclosed the sundry, a copy of the tabular, and chart.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Kathy Chapman'.

Kathy Chapman
Office Manager

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. ML4555
2. Name of Operator Newfield Production Company		6. If Indian Allottee or Tribe Name
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. CASTLE DRAW UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 0660 FSL 1980 FWI SE/SW Section 2 T9S R17E		8. Well Name and No. MONUMENT ST 24-2
		9. API Well No. 1304732612
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Injection Conversion/MIT
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well was converted from a producing to a injection well on 9-8-05, with one new perforation at 5448-5458' WW4 JSPF for a total of 40 shots. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4028'. On 9-16-05 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 9-20-05. On 9-20-05 the csg was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 350 psig during the test. There was not an EPA representative available to witness the test.

I hereby certify that the foregoing is true and correct Name (Printed/Typed) Kathy Chapman	Title Office Manager
	Signature <i>Kathy Chapman</i>
	Date 09/26/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle it as a applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

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

5 LEASE DESIGNATION AND SERIAL NUMBER
ML 45555

SUNDRY NOTICES AND REPORTS ON WELLS

6 IF INDIAN ALLOTTEE OR TRIBE NAME

1 not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7 UNIT or CO-AGREEMENT NAME
CASTLE DRAW UNIT

1 TYPE OF WELL OIL WELL GAS WELL OTHER

8 WELL NAME and NUMBER
MONUMENT ST 34-2

2 NAME OF OPERATOR
Newfield Production Company

9 API NUMBER
4304732612

3 ADDRESS OF OPERATOR
Route 3 Box 3630 City Myton STATE UT ZIP 84052 PHONE NUMBER 435 646 3721

10 FIELD AND POOL OR WILLOCAT
Monument Buite

4 LOCATION OF WELL
FOOTAGES AT SURFACE 0660 FSL 1980 FWL

COUNTY: Uintah

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN SE/SW, 2, T9S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion 09/26/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER Injection Conversion MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing to a injection well on 9-8-05, with one new perforation at 5448-5458' W/4 JSPF for a total of 40 shots. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4028'. On 9-16-05 Dan Jackson with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 9-20-05. On 9-20-05 the csg was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 350 psig during the test. There was not an EPA representative available to witness the test.

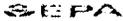
NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE

Kathy Chapman

DATE 09/26/2005



WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE Newfield Production Company 410 17th Street, Suite 700 Denver, Colorado 80202-4402		NAME AND ADDRESS OF CONTRACTOR Same as Permittee	
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES 	STATE Utah	COUNTY Uintah	PERMIT NUMBER ML-45555
	SURFACE LOCATION DESCRIPTION 1/4 OF SE 1/4 OF SW SECTION 2 TOWNSHIP 9 RANGE 17 LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ ft. from (NS) _____ S Line of quarter section and _____ 1980 ft. from (EW) _____ W Line of quarter section		
	WELL ACTIVITY <input type="checkbox"/> Bore Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name Monument State	Total Depth Before Rework 5700 Total Depth After Rework 5700 Date Rework Commenced 9/6/2005 Date Rework Completed 9/8/2005	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____ Well Number 24-2-9-17

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8 5/8"	264	160	Class G	4078	5124	Perf A, D, C, GB sand fraced
5 1/2"	5679	230	Super "G"			
		223	50/50 POZ			

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

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
				5448	5458	Perf only

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

See attached "Daily Workover Report"

CERTIFICATION

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

NAME AND OFFICIAL (TITLE (Please type or print)) Kathy Chapman Office Manager	SIGNATURE 	DATE SIGNED September 28, 2005
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Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202 2466

EPA Witness: _____ Date: 09/20/05
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Monument State 24-2-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Castle Rock Unit</u>		
Location: _____	Sec: <u>2</u> T <u>9</u> N <u>15</u> R <u>17</u> E/W	County: <u>Lincoln</u> State: <u>UT</u>
Operator: <u>Wright Production Co.</u>		
Last MIT: _____	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

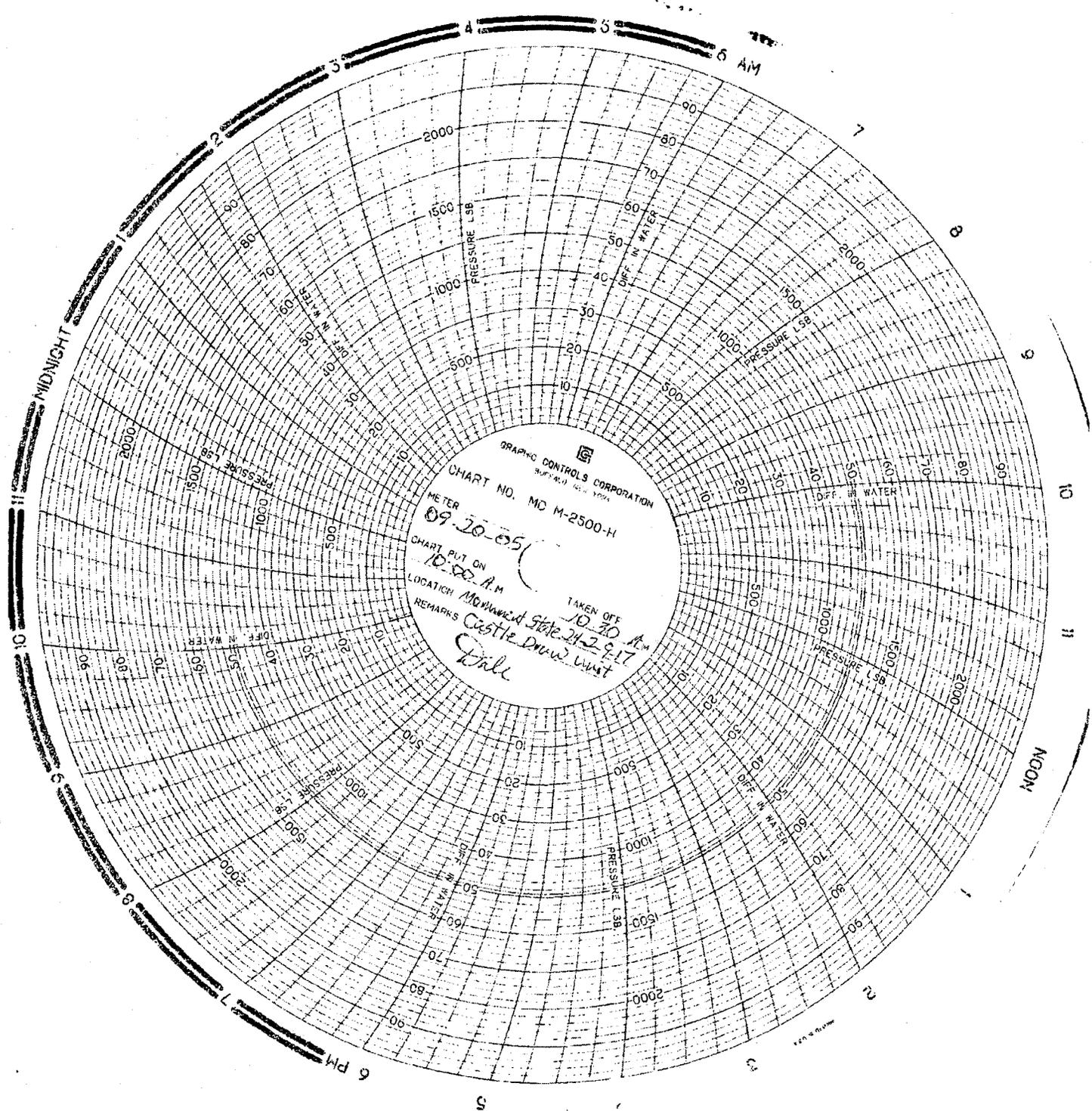
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>350</u> psig	psig	psig
End of test pressure	<u>350</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1230</u> psig	psig	psig
5 minutes	<u>1230</u> psig	psig	psig
10 minutes	<u>1230</u> psig	psig	psig
15 minutes	<u>1230</u> psig	psig	psig
20 minutes	<u>1230</u> psig	psig	psig
25 minutes	<u>1230</u> psig	psig	psig
30 minutes	<u>1230</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



GRAPHIC CONTROLS CORPORATION
CHART NO. MC M-2500-H

METER 09-20-05
CHART PUT ON 10:00 A.M.
TAKEN OFF 10:30 A.M.
LOCATION Movement State St. 2-2-17
REMARKS Castle Draw West Dale

MIDNIGHT

6 AM

NOON

6 PM

5

3

2

10

11

9

8

7

2000

1500

1000

500

90

80

70

60

50

40

30

20

10

0

10

20

30

40

50

60

70

80

90

500

1000

1500

2000

10

20

30

40

50

60

70

80

90

10

20

30

40

50

60

70

80

90

1000

1500

2000

500

1000

1500

2000

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1500

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500

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10

20

30

40

50

60

70

80

90

10

20

30

40

50

60

70

80

90

1000

1500

2000

Monument State #24-2-9-17

Spud Date: 2/3/1995
 Put on Production: 3/16/1995
 GL: 5042' KB: 5052'

Initial Production: 26 BOPD,
 NM MCFD, 3 BWPD

Injection Wellbore Diagram

SURFACE CASING

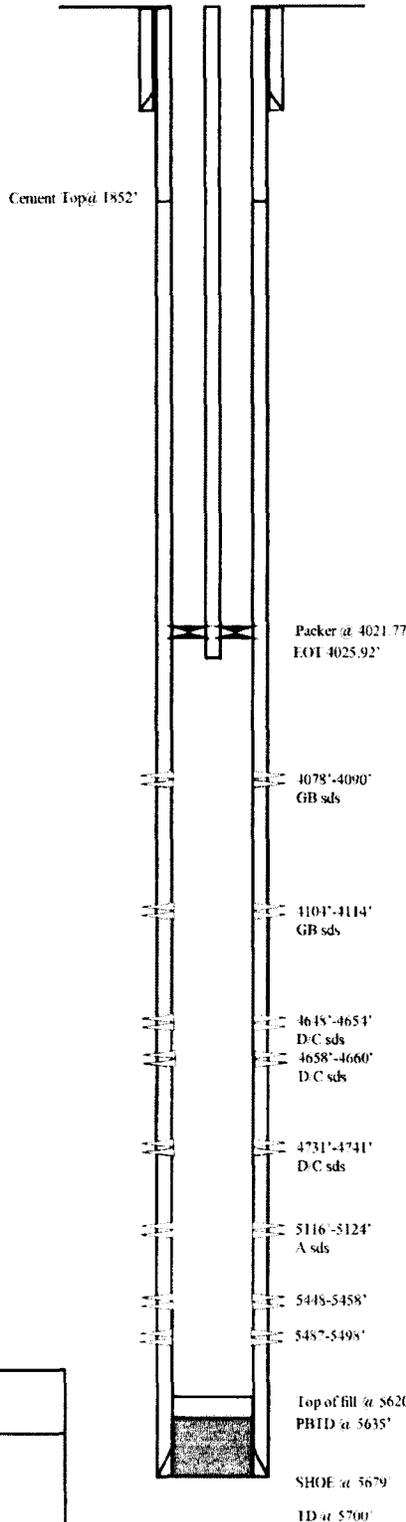
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts (253.9')
 DEPTH LANDED: 263.9'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sss Class 'G' cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5669.77')
 DEPTH LANDED: 5678.77'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 230 sss Super 'G' & 223 sss 50-50 POZ
 CEMENT TOP AT: 1852' per CBI

TUBING

SIZE GRADE/WL: 2 7/8" / 6.5# J-55
 NO. OF JOINTS: 129 jts (4007.42')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 4017.42' KB
 CE: 4021.77' KB
 TOTAL STRING LENGTH: EOI @ 4025.92'



FRAC JOB

2/27/95	5116'-5124'	Frac zone as follows: 17,740# 20-40 sand + 24,120# 16/30 in 375 bbls fluid Treated @ avg press of 3270 psi w/avg rate of 30 BPM. ISIP 2500 psi. Calc flush: 5116 gal. Act flush: 5040 gal.
3/2/95	4078'-4114'	Frac zone as follows: 101,820# 16-30 sand in 657 bbls fluid Treated @ avg press of 2250 psi w/avg rate of 29.8 BPM. ISIP 2500 psi. Calc flush: 4078 gal., Act flush: 3990 gal.
2/25/98	4648'-4741'	Frac zone as follows: 102,400# 20-40 sand in 426 bbls fluid Treated @ avg press of 7000 psi w/avg rate of 26 BPM. ISIP 2065 psi. Calc flush: 4648 gal.
12/20/01		Tubing leak. Update rod and tubing details.
3/12/02		Parted rods. Update rod and tubing details.
5/22/03		Tubing leak. Update rod and tubing details.
9-8-05		Injection Conversion with one perforation no frac
9-21-05		MIT completed.
06/02/09	5448'-5498'	Perforate the C P1 sands
06/04/09	5448'-5498'	Frac C P1 sands as follows: Frac w/ 17064# 20-40 sand in 248 bbls lightning 17 frac fluid. Treated @ ave press of 3991 @ ave rate of 16 BPM. ISIP was 1847.
06/04/09		Recompleted well, update tbg detail as necessary
06/05/09		Complete MIT

PERFORATION RECORD

2/24/95	5116'-5124'	4 JSPF	32 holes
3/02/95	4078'-4090'	4 JSPF	48 holes
3/02/95	4104'-4114'	4 JSPF	40 holes
2/24/98	4648'-4654'	4 JSPF	24 holes
2/24/98	4658'-4660'	4 JSPF	08 holes
2/24/98	4731'-4741'	4 JSPF	40 holes
9-7-05	5448'-5458'	4 JSPF	40 holes
06/02/09	5457'-5495'	4 JSPF	44 holes
06/02/09	5448'-5458'	4 JSPF	40 holes

NEWFIELD

Monument State #24-2-9-17
 660' FSL & 1980' FWL
 SE:SW Section 2-T9S-R17E
 Uintah County, Utah
 API #43-047-37612; Lease #ML-45555