



**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

April 4, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the wells on the enclosed list.

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

Sincerely,

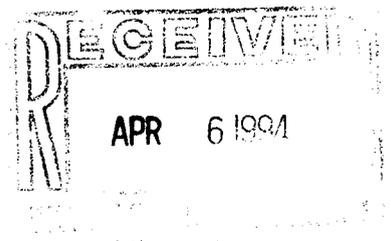
Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining



Balcron Federal #44-4Y
SE SE Section 4, T9S, R17E
660' FSL, 660' FEL
Duchesne County, Utah
Monument Butte Field
FLS #U-65967
PTD: 5,950'
GL: 5201.5'

Balcron Federal #44-33Y
SE SE Section 33, T8S, R18E
778.4' FSL, 623.7' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65969
PTD: 6,000'
GL: 4850.7'

Balcron Federal #31-5Y
NW NE Section 5, T9S, R18E
660' FNL, 1980' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65970
PTD: 5,950'
GL: 4867.1'

Balcron Federal #41-19Y
NE NE Section 19, T9S, R18E
660' FNL, 660' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65635 (EXPIRES 8/1/94)
PTD: 5,550'
GL 5129.9'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.
U-65635

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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Federal

9. WELL NO.
#41-19Y

10. FIELD AND POOL, OR WILDCAT
8 Mile Flat North/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T9S, R18E

12. COUNTY OR PARISH
Uintah

13. STATE
UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

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

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
NE NE Section 19, T9S, R18E 660' FNL, 660' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
From Myton, Utah, approximately 17 miles southwest

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
19. PROPOSED DEPTH
5,550'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5129.9'

22. APPROX. DATE WORK WILL START*
May 1, 1994

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached				

See attached for listing for EXHIBITS.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

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

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE March 31, 1994
Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 5-12-94
BY: [Signature]
WELL SPACING: R649-2-3

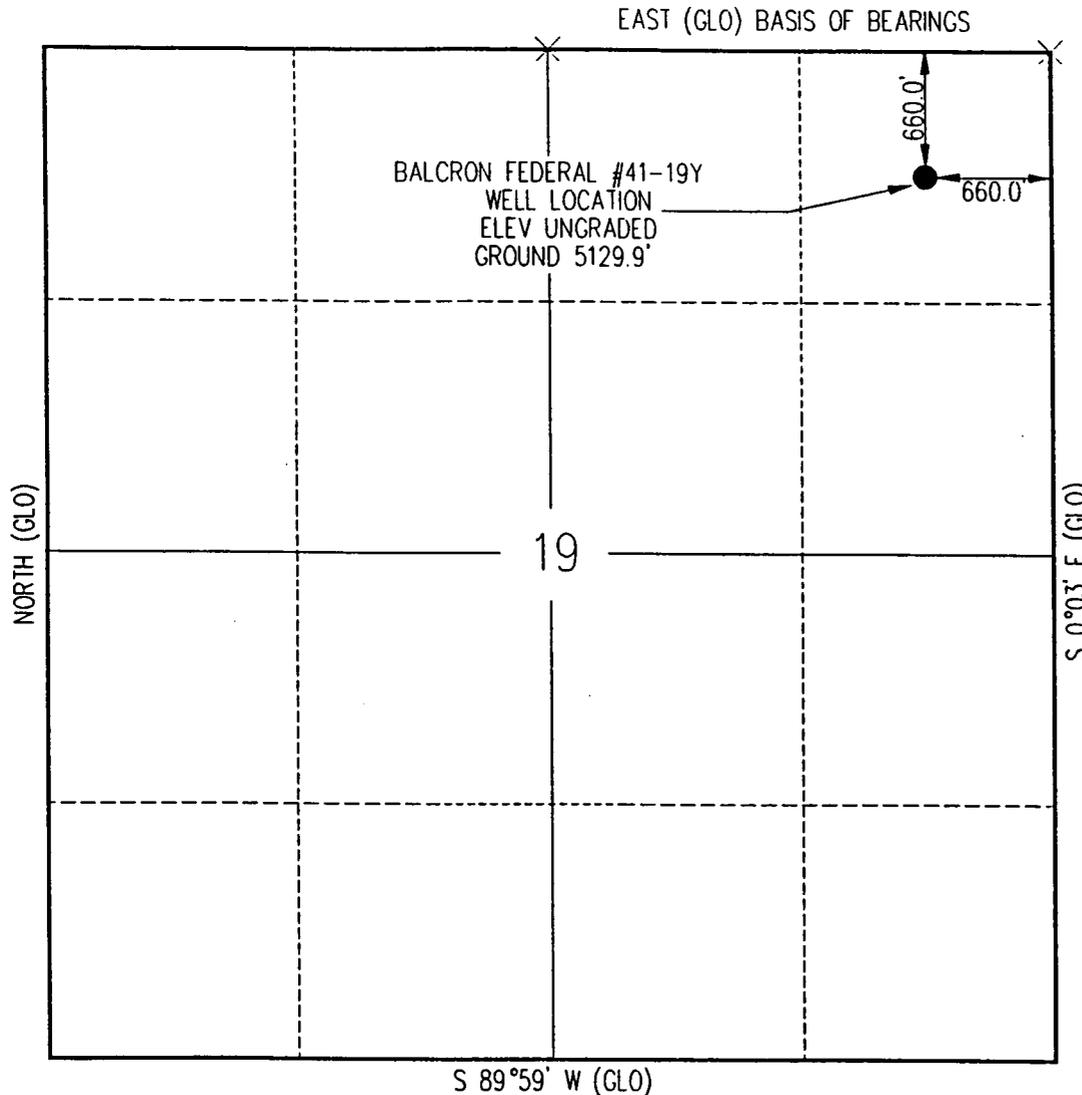
*See Instructions On Reverse Side

EXHIBIT "F"

T9S, R18E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #41-19Y, LOCATED AS SHOWN IN THE NE 1/4 NE 1/4 OF SECTION 19, T9S, R18E, S.L.B. & M., UTAH COUNTY, UTAH.

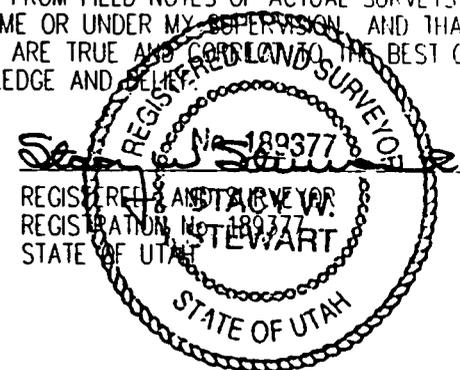


BALCRON FEDERAL #41-19Y
WELL LOCATION
ELEV UNGRADED
GROUND 5129.9'

660.0'
660.0'



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



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW))

WEATHER: STORMY & COLD
DATE: 2/18/94
SCALE: 1" = 1000'
SURVEYED BY: SS CB
FILE: 41-19Y

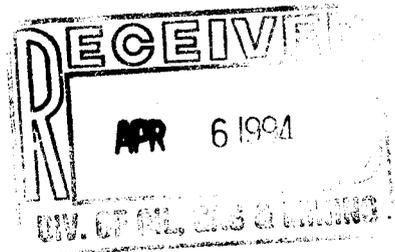


CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				5. Lease Designation and Serial No. Federal # U-65635
Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				6. If Indian, Allocated or Tribe Name n/a
Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>				7. Unit Agreement Name n/a
Name of Operator Equitable Resources Energy Company, Balcron Oil Division				8. Firm or Lease Name Balcron Federal
Address of Operator P.O. Box 21017; Billings, MT 59104				9. Well No. #41-19Y
Location of Well (Report location clearly and in accordance with any State requirements.) At surface NE NE Sec. 19, T9S, R18E 660' FNL, 660' FEL At proposed prod. zone				10. Field and Pool, or Wildcat 8 Mile Flat North/Green River
Distance in miles and direction from nearest town or post office* From Myton, Utah, approximately 17 miles southwest.				11. 00, Sec., T., R., or Blk. and Survey or Area NE NE Sec. 19, T9S, R18E
Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)		16. No. of acres in lease	17. No. of acres assigned to this well	
Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.		19. Proposed depth 5,550'	20. Rotary or cable tools Rotary	
Elevations (Show whether DF, RT, GR, etc.) GL 5129.9'			22. Approx. date work will start* May 1, 1994	
PROPOSED CASING AND CEMENTING PROGRAM				
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See attached.				

Operator plans to drill this well in accordance with the attached Federal APD.



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

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

Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 31, 1994

(This space for Federal or State office use)

API NO. 43-047-32504 Approval Date: 5-12-94

Approved by: JAT Title: WELL SPACING

Conditions of approval, if any: 2649-2-3

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/06/94

API NO. ASSIGNED: 43-047-32504

WELL NAME: BALCRON FEDERAL #41-19Y
 OPERATOR: BALCRON OIL COMPANY (N9890)

PROPOSED LOCATION:

NENE 19 - T09S - R18E
 SURFACE: 0660-FNL-0660-FEL
 BOTTOM: 0660-FNL-0660-FEL
 UINTAH COUNTY
 EIGHT MILE FLAT NORTH FIELD (590)

LEASE TYPE: FED
 LEASE NUMBER: U-65635

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

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
 (Number 6547188)
 Potash (Y/N)
 Oil shale (Y/N)
 Water permit
 (Number JOE SHIELDS)
 RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

~~✓~~ R649-2-3. Unit: ULTU 72086A
 R649-3-2. General.
 _____ R649-3-3. Exception.
 _____ Drilling Unit.
 _____ Board Cause no: _____
 _____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

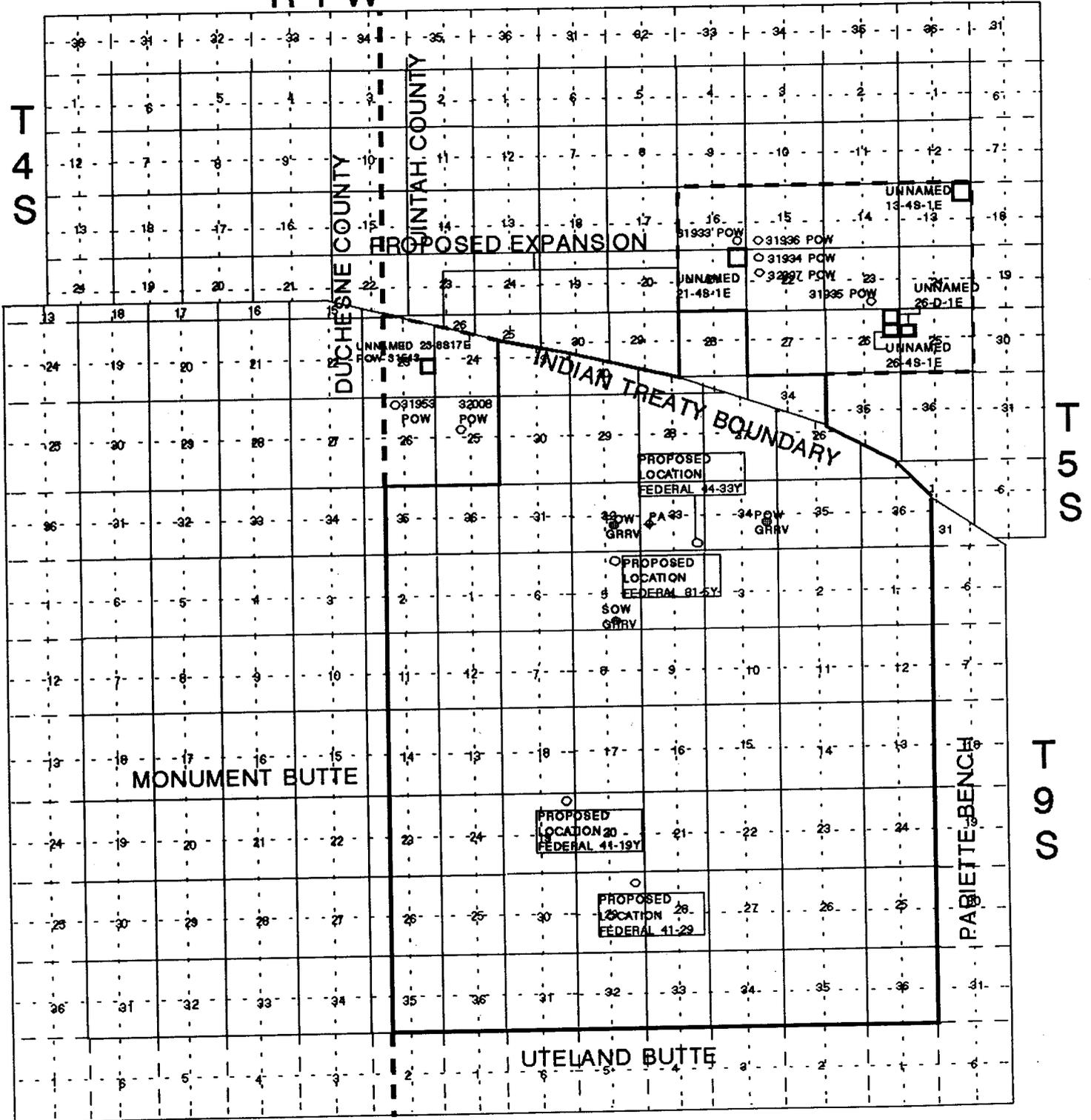
CONFIDENTIAL
 PERIOD
 EXPIRED
 ON 9-23-95

EIGHT MILE FLAT NORTH

R 1 W

R 1 E

T 4 S



T 5 S

T 9 S

R 17 E

R 18 E

UINTAH COUNTY

UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

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

Well Name: Balcon Fed. 41-194 API Number: 43-047-32504

Section: 19 Township: 9S Range: 8E County: Uintah Field: 4 mile flat north

Well Status: POW Well Type: Oil: Gas:

PRODUCTION LEASE EQUIPMENT: CENTRAL BATTERY:

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

PUMPS:
 Triplex Chemical Centrifugal

LIFT METHOD:
 Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:
 Gas Meters Purchase Meter Sales Meter

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

REMARKS: Reserve pit open and holds 600 barrels fluid.
Production tanks have burners. Pit tank on location and
ready to hook up when reserve pit is closed

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

Inspector: David W. Keefe Date: 9/20/94

Equitable

Balcron Fed. 41-194

43-047-32504



Reserve Pit

400 bbl.
Production
Tank

400 bbl.
Production
Tank

Propane
Tank

Wellhead

⊗ Pump Jack

Berm

Access

Top
Soil

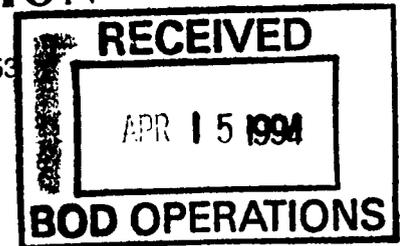
42-381 50 SHEETS 5 SQUARE
42-382 100 SHEETS 5 SQUARE
42-383 200 SHEETS 5 SQUARE
NATIONAL



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

April 8, 1994



Subject: **CULTURAL RESOURCE EVALUATION OF FOUR
PROPOSED WELL LOCATIONS IN THE MONUMENT
BUTTES LOCALITY OF DUCHESNE COUNTY, UTAH**

Project: **Balcron Oil -- 1993 Development
Units 44-4Y, 44-33Y, 31-5Y, & 41-19Y**

Project No.: **BLCR-94-2**

Permit No.: **Dept. of Interior -- UT-94-54937**

State Project No: **UT-94-AF-167b**

To: **Ms. Bobbie Schuman, Balcron Oil Division, P.O. Box 21017, Billings, Montana
59104**

**Mr. David Little, District Manager, Bureau of Land Management, 170 South 500
East, Vernal, Utah 84078**

Info: **Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City,
Utah 84101**

APR 25 1994

**CULTURAL RESOURCE EVALUATION
OF FOUR PROPOSED WELL LOCATIONS
IN THE CASTLE PEAK DRAW
AND EIGHTMILE FLAT
LOCALITIES OF DUCHESNE & UINTA
COUNTIES, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-94-54937
AERC Project 1427 (BLCR-94-2)

Utah State Project No.: UT-94-AF-167b

Principal Investigator
F. Richard Hauck, Ph.D.

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



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

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

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of four proposed wells and associated access route situated on federally administered lands located in the Castle Peak Draw and Eightmile Flat localities of Duchesne and Uintah Counties, Utah. This evaluation involved a total of 33.14 acres, of which 20 acres are associated with the various well pads and an additional 13.14 acres associated with two access road rights-of-way. These evaluations were conducted by F.R. Hauck, Glade Hadden and Walter Lenington of AERC on April 7, 1993.

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

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

No isolated artifacts were noted and recorded during the investigations.

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

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GENERAL INFORMATION

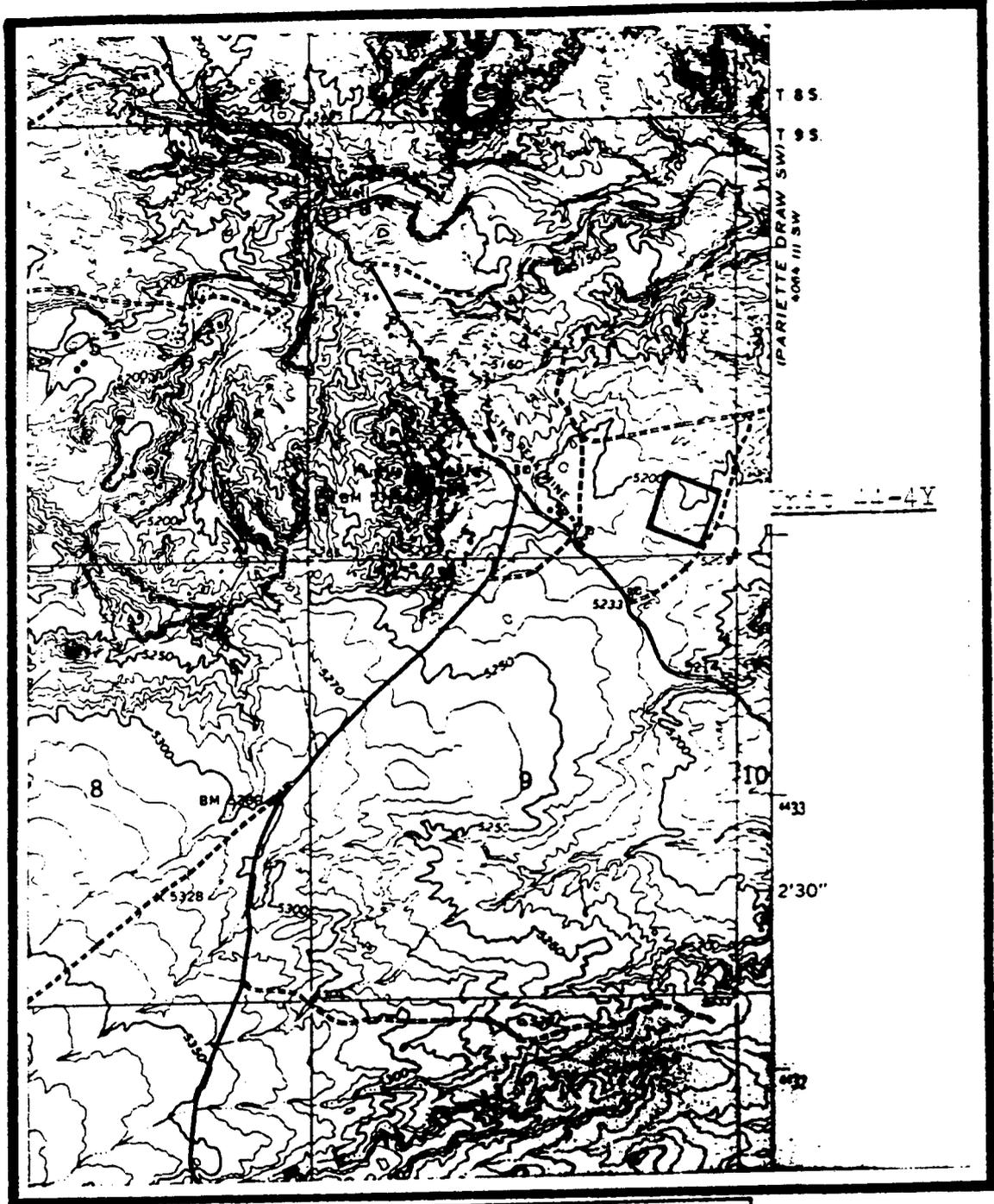
On April 7, 1994, AERC archaeologists F.R. Hauck, Glade Hadden and Walter Lenington conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved the four proposed well locations and associated access roads in the Castle Peak Draw and Eightmile Flat areas south of Myton, Utah. Some 33.14 acres were examined which include 200 acres associated with two of the well pads and an additional 13.14 acres associated with two access routes into the locations. Unit 41-19Y includes a .8 mile access route for 9.7 acres and unit 31-5Y includes ca. 1500 feet of access road for 3.44 acres. The remaining two wells, 44-33Y and 44-4Y have been surveyed under earlier archaeological evaluations which have been reported separately (Hauck 1982, 1984). This project is situated in the Castle Peak Draw and Eightmile Flat localities of Duchesne and Uintah Counties, Utah. The entire project area is situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

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

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

Project Location

The project location is in the Castle Peak Draw and Eightmile Flat localities of Duchesne and Uintah Counties, Utah. It is situated on the Pariette Draw SW and Myton SE 7.5 minute topographic quads. The proposed drilling locations are as follows: Unit 44-4Y is located in the SE-SE quarter of Section 4, Township 9 South, Range 17 East (See Map 1); Unit 41-19Y is located in the NE-NE quarter of Section 19, Township 9 South, Range 18 East along with a 4224 foot-long access route leading to the location from the NW-SE quarter of Section 17 (See Map 2); Unit 44-33Y is located in the SE-SE quarter of Section 33, Township 8 South, Range 18 East (See Map 3); Unit 31-5Y is located in the NW-NE quarter of Section 5, Township 9 South, Range 18 East along with a 1500 foot-long access route leading to the location from the SW-NE quarter of Section 5 (See Map 3).



T. 9 South
 R. 17 East
 Meridian: SL
 Quad: Myton SE

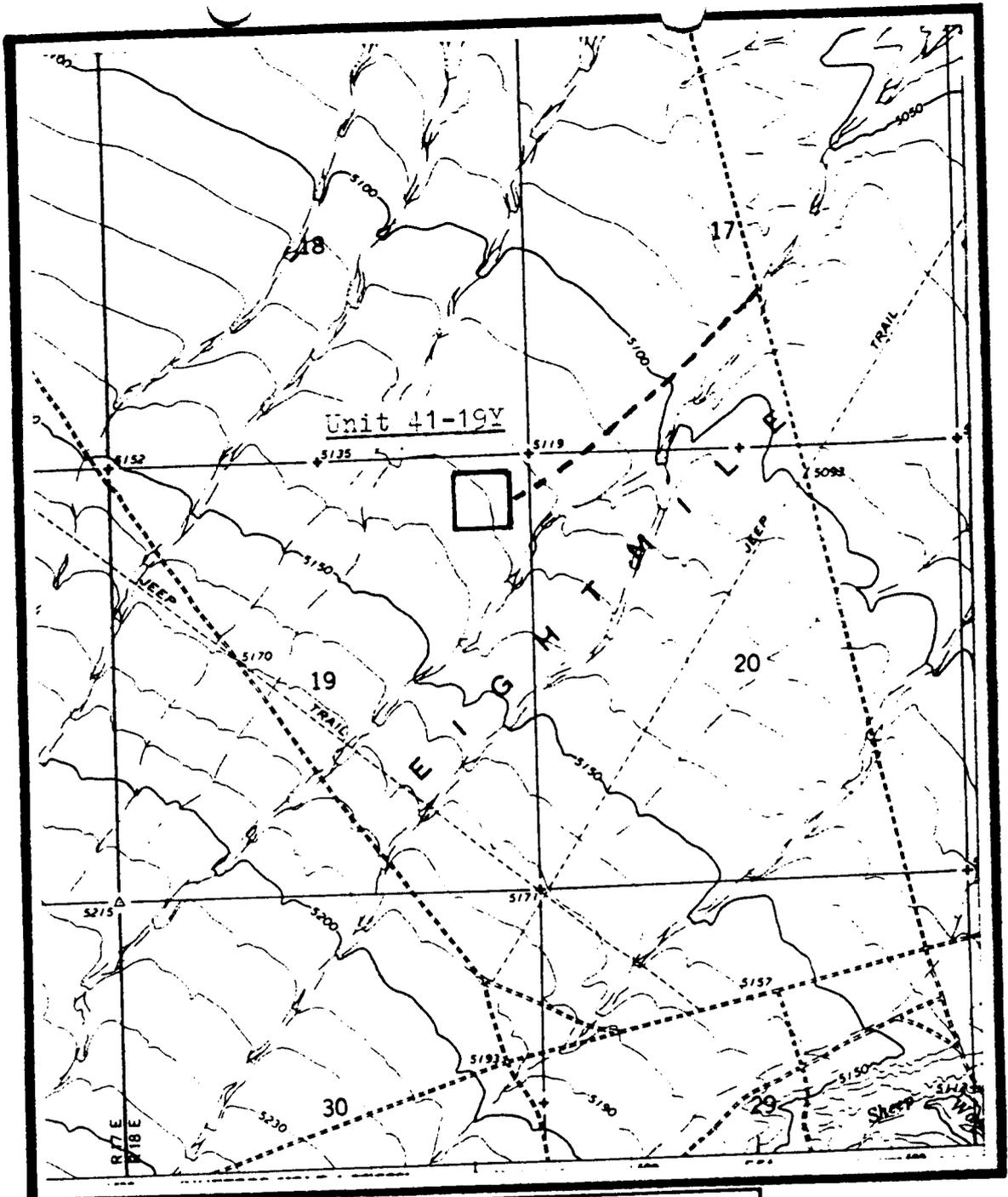
MAP 1
 Cultural Resource Survey
 of a Proposed Well Location
 in the Castle Peak Draw
 Locality of Duchesne Co.

Legend:
 10 Acre Survey Area (Formerly Cotton Federal Co. 44-4 a Diamond Shamrock Location in 1982)



Project: BLCR-94-2
Series: Uinta Basin
Date: 4-8-94
Scale: 1:25000





T. 9 South
 R. 18 East
 Meridian: SD
 Quad: Pariette
 Draw SW,

MAP 2
 Cultural Resource Survey
 of a Proposed Well Location
 in the Eightmile Flat
 Locality of Uintah Co.

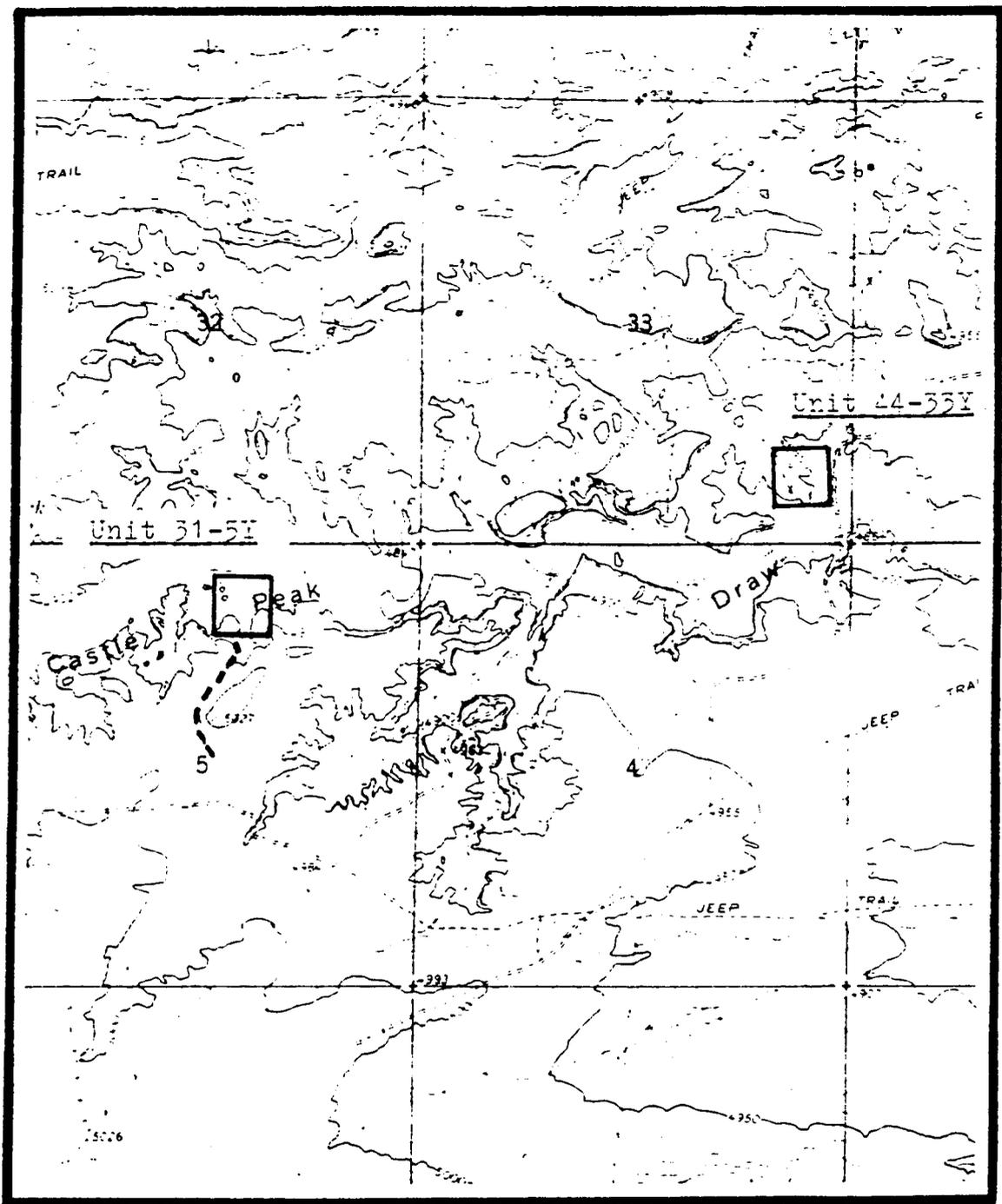
Legend:
 10 Acre
 Survey
 Area 
 Access
 Route 

4
 N

Project: BLCR-94-2
Series: Uinta Basin
Date: 4-8-94

Scale: 1:24000





T. 8 South
 R. 18 East
Meridian: SL
Quad: Pariette
 Draw SW,

MAP 3
 Cultural Resource Survey
 of two Proposed Well
 Locations in the Castle
 Peak Draw Locality

Legend:
 10 Acre Survey Area 
 Access Route 



Project: BLCR-94-2
Series: Uinta Basin
Date: 4-3-94

Scale: 1:24000



Environmental Description

The project area is within the 4800 to 5200 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

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

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on April 5, 1994. A similar search was conducted in the Vernal District Office of the BLM on April 7, 1994. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Norman and Hauck 1980). Other sites have been located and recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

Prehistory and History of the Cultural Region

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

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

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

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking a series of 10 to 20 meter-wide transects across a 10 acre area associated with each well pad area. In addition, a .8 mile-long access route and a 1500 foot-long access route were surveyed by the archaeologists walking a pair of 15 meter-wide transects on each side of the flagged access route right of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 13.14 acres) was examined for the total 5724 foot-long proposed access roads, in addition to the twenty acres inventoried on two of the well pads. The remaining two well pads (Units 44-4Y and 44-33Y) had been inventoried under previous AERC surveys (Hauck 1982, 1984).

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

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

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

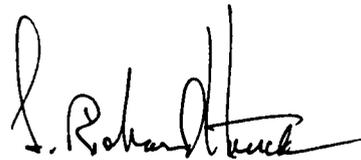
No diagnostic isolated artifacts were observed and recorded during the evaluation.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of Balcron Units 44-4Y, 44-33Y, 31-5Y and 41-19Y as evaluated during this and previous AERC projects (see Hauck 1982, 1984).

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

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



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

REFERENCES

Hadden, Glade V and F. R. Hauck

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.**
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.**
- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.**
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.**
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.**

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.**
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.**

- 1984 Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.

1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Norman, V. Garth and F.R. Hauck

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

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

Summary Report of
Inspection for Cultural Resources

FOUR PROPOSED WELL LOCATIONS
MONUMENT BUTTES LOCALITY

1. Report Title

Balcron Oil Company (BLCR-94-2)

2. Development Company _____

3. Report Date 4 8 1994 4. Antiquities Permit No. _____
UT-94-54937

5. Responsible Institution A E R C B L C R 9 4 - 2 Duchesne & Uintah
County _____

6. Fieldwork 9 S 1 7 E 0 4
Location: TWN RNG Section. . . | . . . | . . . | . . . |
7. Resource 8 S 1 8 E 3 3
Area TWN RNG Section. . . | . . . | . . . | . . . |
.SM. 9 S 1 8 E 0 5 1 9
TWN RNG Section. . . | . . . | . . . | . . . |

8. Description of Examination Procedures: The archeologists, F.R. Hauck, G.V. Hadden and Walter Lenington intensively examined the two proposed well locations (31-5Y & 41-19Y) and their access routes by walking a 10 to 15 meter-wide transects within the 10 acre plots and flanking the access routes. Units 44-4Y and 44-33Y have been previously been evaluated by AERC (cf., Hauck 1982 and Hauck 1984 in primary report).

9. Linear Miles Surveyed 1 3 . 1 4 I
and/or
Definable Acres Surveyed 10. Inventory Type . . .
and/or R = Reconnaissance
Legally Undefinable 2 0 I = Intensive
Acres Surveyed S = Statistical Sample

11. Description of Findings: No archaeological sites were identified and recorded during this survey.
12. Number Sites Found .0. (No sites = 0)
13. Collection: .N.
(Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 4-5-94 Vernal BLM 4-7-94

16. Conclusion/ Recommendations:
AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:
(see reverse)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the existing roadways and/or evaluated corridor.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator & Field Supervisor
Administrator:

[Handwritten Signature]

Field
Supervisor:

[Handwritten Signature]

UT 8100-3 (2/85)



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

April 18, 1994

CONFIDENTIAL

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

Gentlemen:

Enclosed are the Cultural Resource Evaluations for the wells on the enclosed list.

Sincerely,

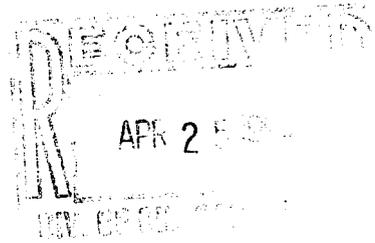
Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



MONUMENT BUTTE DRILLING PROGRAM

1

TWELFTH BATCH

Balcron Federal #44-4Y

SE SE Section 4, T9S, R17E
660' FSL, 660' FEL
Duchesne County, Utah
Monument Butte Field
FLS #U-65967
PTD: 5,950'
GL: 5201.5'

Balcron Federal #44-33Y

SE SE Section 33, T8S, R18E
778.4' FSL, 623.7' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65969
PTD: 6,000'
GL: 4850.7'

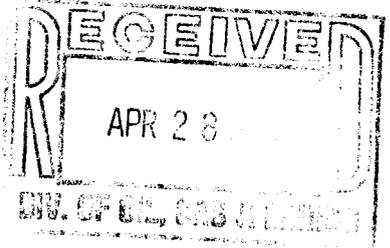
Balcron Federal #31-5Y

NW NE Section 5, T9S, R18E
660' FNL, 1980' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65970
PTD: 5,950'
GL: 4867.1'

Balcron Federal #41-19Y 43-047-32504

NE NE Section 19, T9S, R18E
660' FNL, 660' FEL
Uintah County, Utah
Eight Mile Flat North Field
FLS #U-65635 (EXPIRES 8/1/94)
PTD: 5,550'
GL 5129.9'

/rs



BALCRON OIL

Balcron Federal #41-19Y

NE NE Section 19 , T9S, R18E, SLB&M

Uintah County, Utah

43-047-32504

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

April 11, 1994

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON FEDERAL #41-19Y, NE NE Section 19,
T9S, R18E, SLB&M, UTAH COUNTY, UTAH.

Description of Geology and Topography-

This well location is 12 miles south and 7 miles east of Myton, Utah. The road is .7 mile long and it and the wellpad are on flat bench sediments. These sediments are composed of sand and small rock fragments. No rock outcrops were noted during the survey.

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

Paleontological material found -

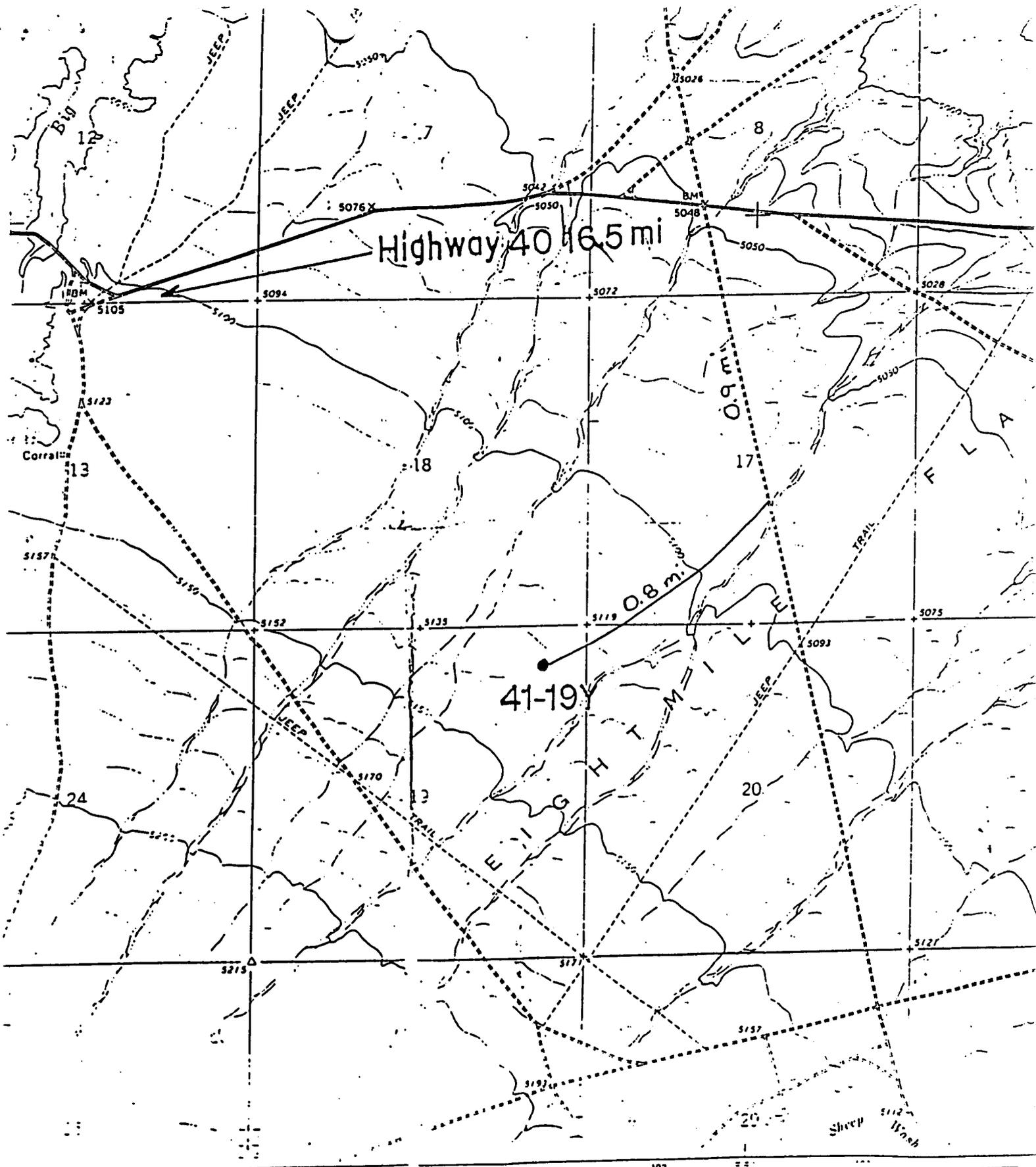
No fossils were found during the survey.

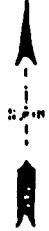
Recommendations-

No recommendations are made for this access road or wellpad.

Alvin A. Hamblin
Paleontologist

Date April 13, 1994





ECUOTABLE RESOURCES ENERGY CO.
FEDERAL #41-19
MAP "E"



TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, WASH., D.C. 20540
301-781-2501

CONFIDENTIAL

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

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

EXHIBITS FOR "Y" WELLS:

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

3/31/94/rs

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Federal #41-19Y
NE NE Section 195-T9S-R18E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

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

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON FEDERAL #41-19Y
NE NE SECTION 4, T9S, R18E
UINTAH COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' South and 200' & 250' West.
- B. The Monument Federal #41-19Y is located 17 miles Southwest of Myton Utah in the NE1/4 NE1/4 Section 19, T9S, R18E, SLB&M, Uintah County, Utah. To reach the 41-19Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 16.5 miles to a road intersection, turn right and continue 0.9 miles to proposed access road sign. Follow flags 0.8 miles to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.8 miles of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and

will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be

obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal

Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.

B. No water well will be drilled on this location.

6. Source of Construction Materials

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If determined to be necessary

at time of construction the reserve pit will be lined with a 12 mil plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with Onshore Order #7, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be on the North side of location. The flare pit will be located downwind of the prevailing wind direction on the Northeast near corner #6. Access will be from the East near corner #8.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

If determined necessary at the time of construction the reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than

sixteen (16) feet.

3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the

recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seedbed will be prepared by disking, following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 15 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original

condition. This procedure will include:

- (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
- 2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand

soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 2. There are no occupied dwellings in the immediate area
 3. An archaeological report will be forwarded upon completion.
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. No silt catchment dam will be constructed for this location.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Drilling Engineer Home: (406) 248-3864

Dale Griffin, Operations Supervisor Mobile: (801) 828-7291

14. CERTIFICATION:

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

March 31, 1994
Date

Bobbie Schuman
Bobbie Schuman
Regulatory and Environmental
Specialist
Equitable Resources Energy
Company, BALCRON OIL DIVISION

3/30/94
/rs

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Balcron Federal #41-19Y PROSPECT/FIELD: Monument Butte Area
LOCATION: NE NE Sec. 19 Twn. 9S Rge. 18E
COUNTY: Uintah STATE: Utah

TOTAL DEPTH: 5550

HOLE SIZE INTERVAL

12 1/4" 0 to 260'
7 7/8" 260 to T.D.

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	T.D.	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)					

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.
(Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

depending on the drilling contractor either:
a.) Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
b.) Drilling will be done using 2% KCl water and gel.

COMMENTS

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

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

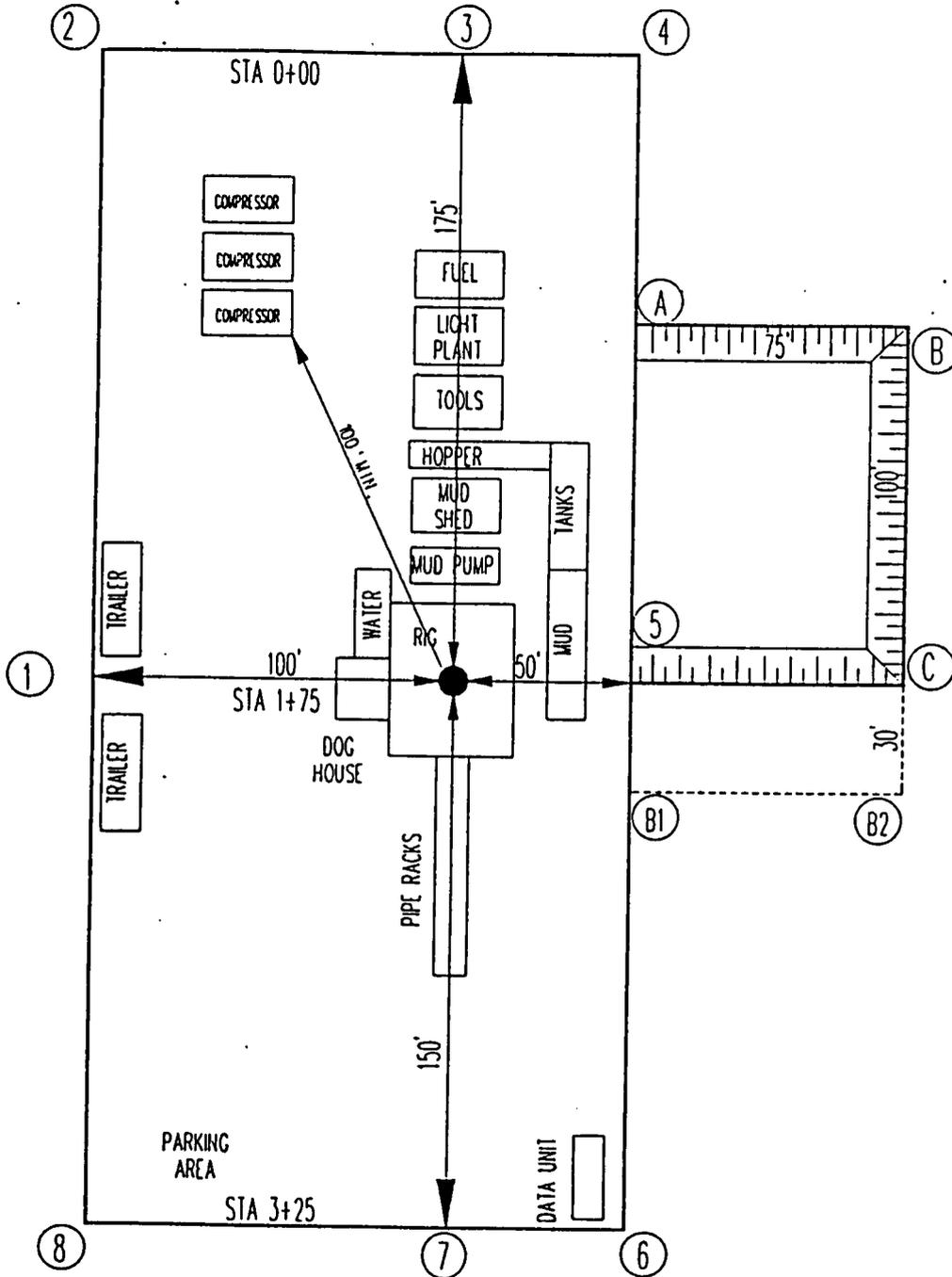
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

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

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

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

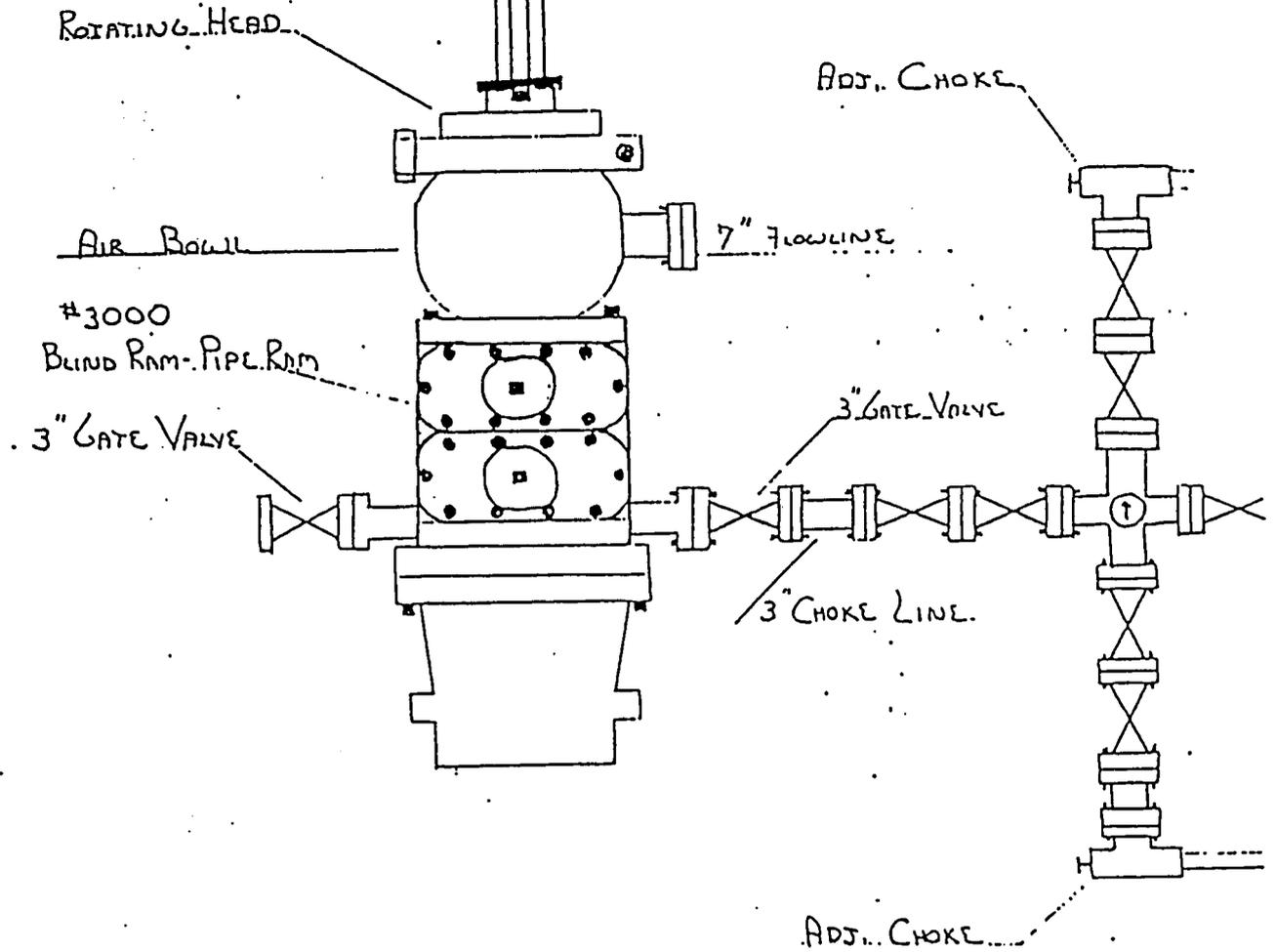
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



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

UNION DRILLING RIG #17

Hex Kelly



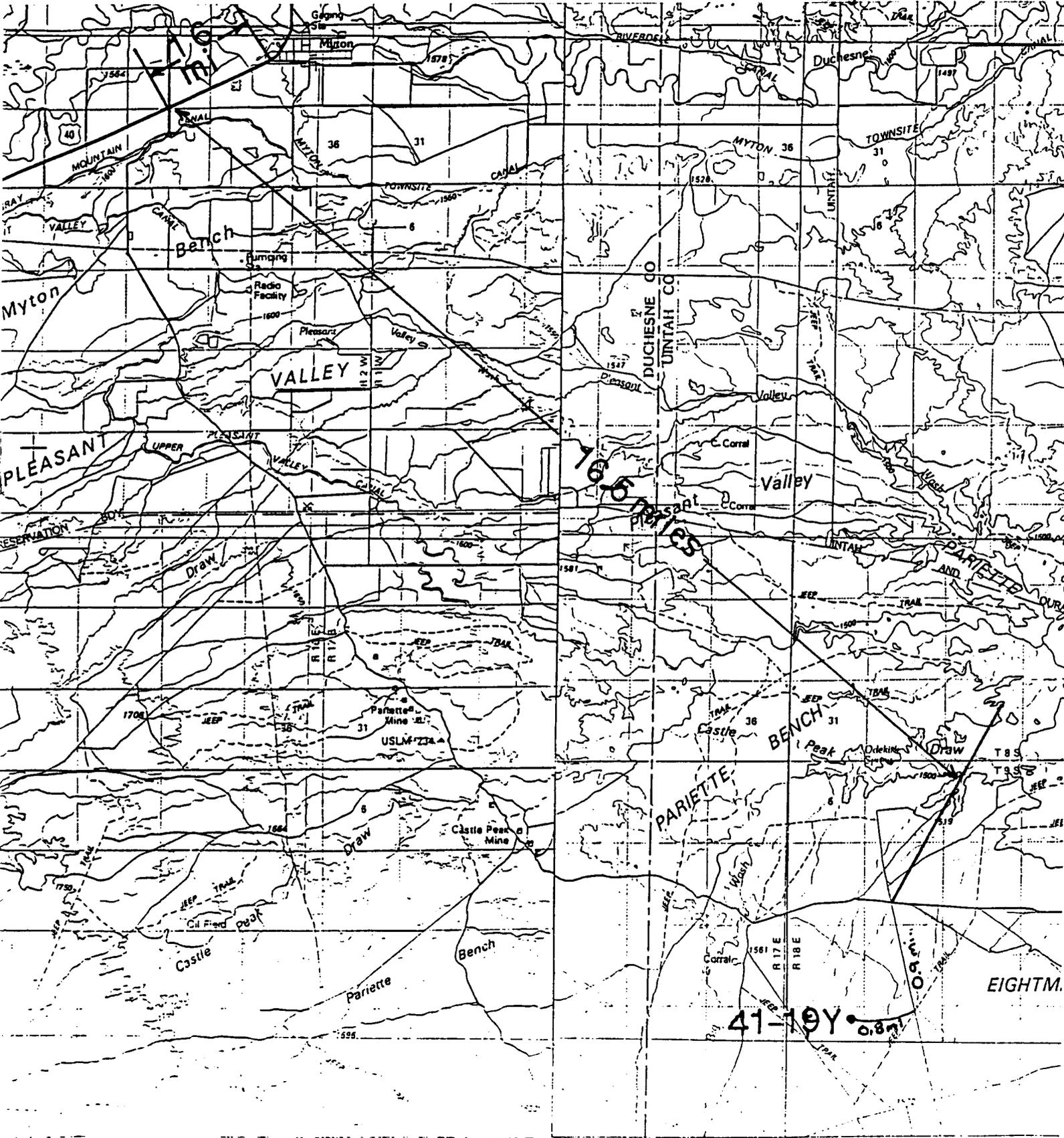
#3000 Stack



EQUITABLE RESOURCES ENERGY CO.
FEDERAL #41-19Y
MAP "A"

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

EXHIBIT "1"
Page 1 of 2



41-19Y

EIGHTM.

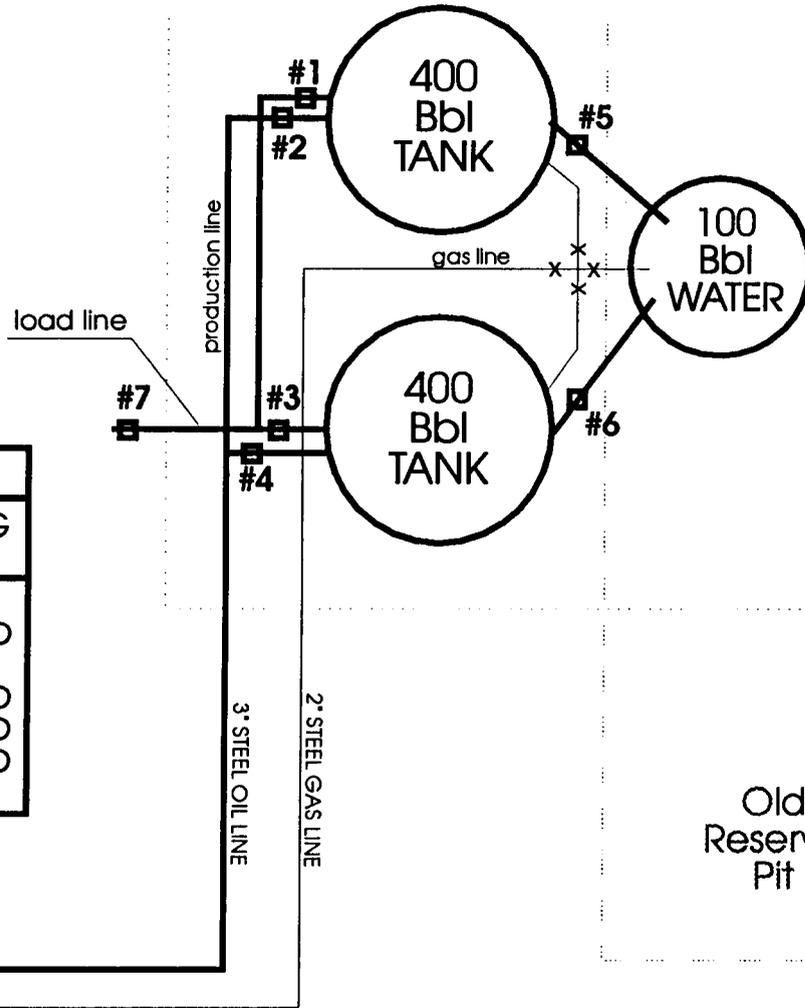
Equitable Resources Energy Company
 Balcron Federal 41-19Y
 Proposed Production Facility Diagram

EXHIBIT "K"

Balcron Federal 41-19Y
 NE NE Sec. 19, T9S, R18E
 Uintah County, Utah
 Federal Lease #U-65635
 660' FNL, 660' FEL



DIKE

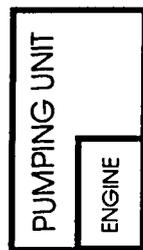


Old Reserve Pit

DIAGRAM NOT TO SCALE

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

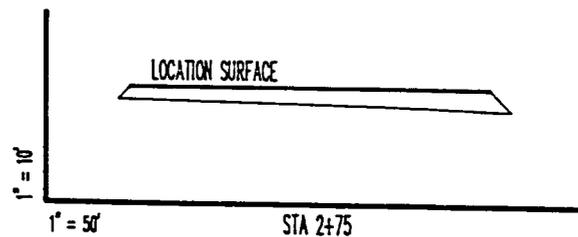
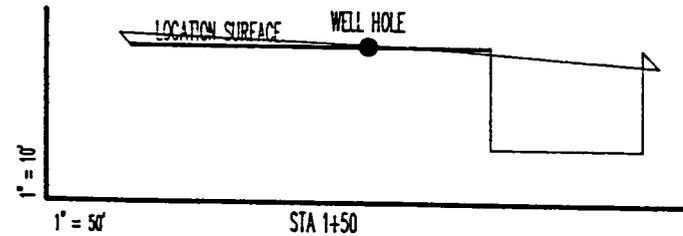
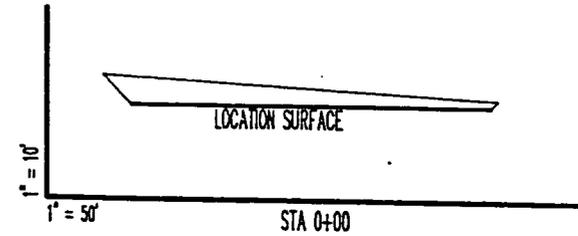
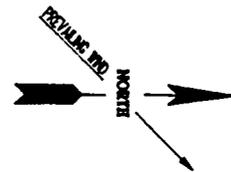
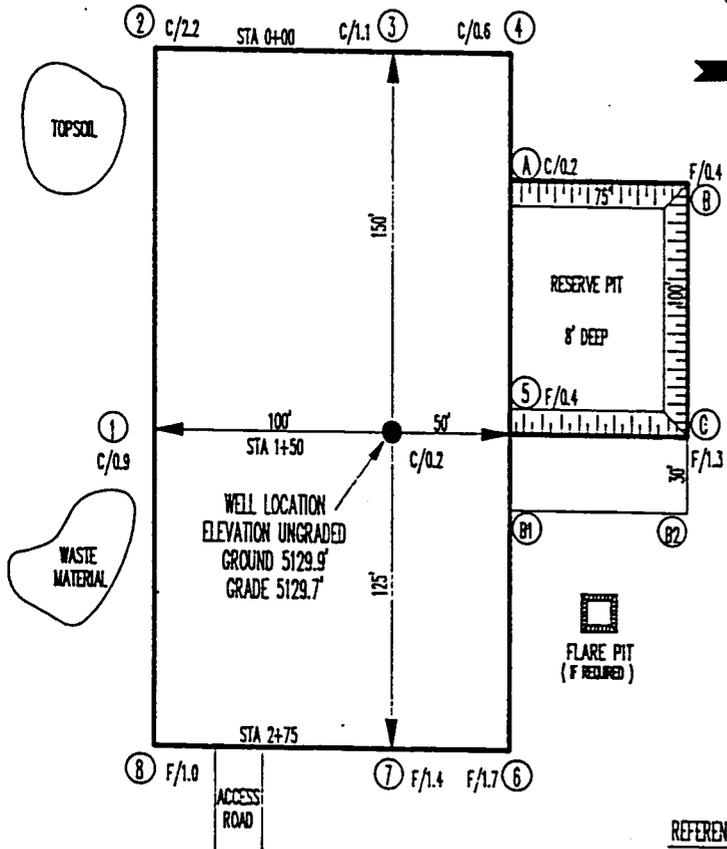
WELL HEAD



EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

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

EQUITABLE RESOURCES ENERGY CO.
BALCRON FEDERAL #41-19Y



REFERENCE POINTS

- 150.0' SOUTH 5130.8'
- 200.0' SOUTH 5131.1'
- 200.0' WEST 5131.5'
- 250.0' WEST 5131.6'

APPROXIMATE YARDAGE

- CUT = 782' Cu Yds
- FILL = 580' Cu Yds
- PIT = 2222.0' Cu Yds

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



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 84100-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 12, 1994

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

Re: Balcron Federal #41-19Y Well, 660' FNL, 660' FEL, NE NE, Sec. 19, T. 9 S., R. 18 E., Uintah County, Utah

Gentlemen:

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

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

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



Page 2
Equitable Resources Energy Company
Balcron Federal #41-19Y Well
May 12, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32504.

Sincerely,



R.J. Firth
Associate Director

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

3. ADDRESS OF OPERATOR
 P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 NE NE Section 19, T9S, R18E 660' FNL, 660' FEL
 At proposed prod. zone
 43.047-32504

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 From Myton, Utah, approximately 17 miles southwest

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 19. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 5,550'

16. NO. OF ACRES IN LEASE
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GL 5129.9'

22. APPROX. DATE WORK WILL START*
 May 1, 1994

5. LEASE DESIGNATION AND SERIAL NO.
 U-65635

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

7. UNIT AGREEMENT NAME
 n/a

8. FARM OR LEASE NAME
 Balcron Federal

9. WELL NO.
 #41-19Y

10. FIELD AND POOL, OR WILDCAT
 8 Mile Flat North/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 19, T9S, R18E

12. COUNTY OR PARISH
 Uintah

13. STATE
 UTAH

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached				

See attached for listing for EXHIBITS.

RECEIVED
MAY 16 1994
DIV. OF OIL, GAS & MINING

APR 8 1994

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BUM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

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

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE March 31, 1994
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE MAY 10 1994
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

WELL LOCATION INFORMATION

Company/Operator: EQUITABLE RESOURCES ENERGY CO.

API Number _____

Well Name & Number: 41-19Y

Lease Number: U-65635

Location: NENE Sec. 19 T. 9S R. 18E

Surface Ownership: FEDERAL

Date NOS Received FEBRUARY 24, 1994

Date APD Received APRIL 5, 1994

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Equitable Resources Energy Company Well No. Balcron Federal 41-19Y
Location NENE Section 19, T9S, R18E Lease No. U - 65635

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at \pm 870 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 670 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office. Whether the well is completed as a dry hole or as a producer, "Well

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

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

7. Other Information

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

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

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

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

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

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

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

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

This APD approval is valid until July 31, 1994, only, because of the expiration date of the lease.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077
Petroleum Engineer

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

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

The reserve pit liner will have sufficient bedding (straw or dirt) to cover rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc..., that could puncture the liner will be deposited in the pit.

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for drilling the reserve pit under Point 9F of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

Additional Surface Conditions of Approval

If paleontologic or archeologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer. Workers for Balcron or their contractors will not collect any paleontologic or archeologic materials.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

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

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

If the proposed oil well is scheduled for development between March 15 and August 15, additional surveys for mountain plovers will be required a minimum of 14 days prior to surface disturbance. Contact the Authorized Officer of the BLM for specific procedures.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BALCRON

WELL NAME: BALCRON MONUMENT FEDERAL 41-19Y

API NO. 43-047-32504

Section 19 Township 9S Range 18E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 7/25/94

Time 1:00 PM

How ROTARY

Drilling will commence _____

Reported by AL PLUNKETT

Telephone # _____

Date 7/26/94 SIGNED DWH

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

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

NE NE Section 19, T9S, R18E

660' FNL, 660' FEL

5. Lease Designation and Serial No.

U-65635

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #41-19Y

9. API Well No.

43-047-32504

10. Field and Pool, or Exploratory Area

8 Mile Flat North/Green River

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

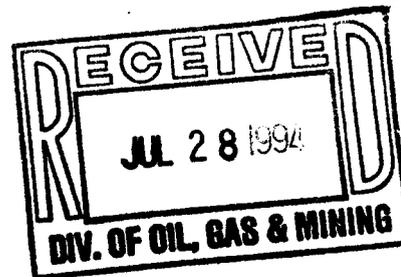
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Report of Spud.
- 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.)*

This well was spud on 7-25-94 at 1 p.m.



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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 7-26-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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

*See Instruction on Reverse Side

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

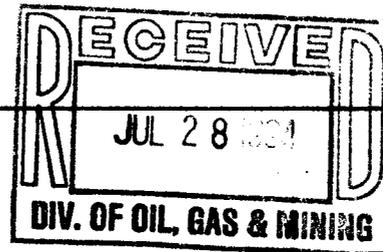
OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11651	43-047-32504	Balcron Federal #41-19Y	NE NE	19	9S	18E	Uintah	7-25-94	7-25-94
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 8-2-94. Jee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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



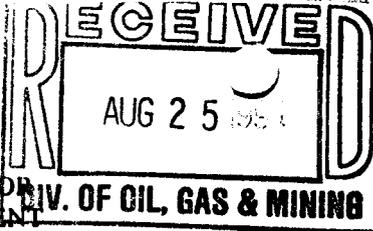
DATE: 7-26-94

Robbie Schuman
Signature

Regulatory and Environmental Specialist
Title

Phone No. (406) 259-7860
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIV. OF OIL, GAS & MINING



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

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

NE NE Section 19, T9S, R18E
660' FNL, 660' FEL

5. Lease Designation and Serial No.

U-05635

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #41-19Y

9. API Well No.

43-047-32504

10. Field and Pool, or Exploratory Area

8 Mile Flat North/Green River

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

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

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

First production on this well was on 8-23-94 at 10:30 a.m.

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 8-23-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

DAILY OPERATING REPORT

BALCRON FEDERAL #41-19Y

Location: NE NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

8-14-94 Completion
TIH w/rod production string as follows:
1 - BHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger (Trico #1070)
193 - 3/4" x 25' D-61 Plain rods
1 - 3/4" x 6' Pony
1 - 1-1/4" x 22' Polish Rod SM
Clamp rods off, pressure test BHP & tbg to 1000 psi - OK. RDMO.
DC: \$8,357 CC: \$249,956

8-23-94 Started pumping @ 10:30 a.m.

8-24-94	0 STBO	117 STBW
8-25-94	80 STBO	60 STBW
8-26-94	122 STBO	38 STBW
8-27-94	120 STBO	0 STBW
8-28-94	137 STBO	0 STBW
8-29-94	140 STBO	0 STBW

DAILY OPERATING REPORT

BALCRON FEDERAL #41-19Y

Location: NE NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

8-9-94 Completion
CP - 0 psi. Continue in hole w/tbg & tools. Set RBP @ 4833' KB. Pull up to 4756' KB w/packer. RU Western to do KCL breakdown on 4784'-4800' KB w/2730 gals 2% KCL wtr. ATP 3000 psi, max 4900 psi. ATR 6 bpm, max 9 bpm. ISIP 1200 psi, 5 min 700 psi, 10 min 600 psi, 15 min 500 psi. Pump 4 balls/bbl. RD Western. Made 8 swab runs, 36 BW, trace oil, 200' entry in 30 min. TOOH w/tbg, packer 4' sub & retrieving head. TIH w/the following:
1 - 2-7/8" bull plug
1 - 2-7/8" jt, J-55 w/btm pressure bomb inside
1 - 2-7/8" x 3' Perf Sub
1 - 2-3/8" x 5-1/2" HD packer
1 - 2-7/8" Blanking Sub
155 - 2-7/8" jts 6.5#, J-55
Set packer @ 4755' KB. SWI until 8-12-94.
DC: \$5,247 CC: \$200,677

8-12-94 Completion
TOOH w/tbg & btm hole pressure bombs. RU Western to frac w/107,920# 16/30 mesh sand w/32,550 gals 2% KCL gelled wtr. ATP 2000 psi, max 2470 psi. ATR 34.4 bpm, max 35 bpm. ISIP 1850 psi, 5 min 1530 psi, 10 min 1420 psi, 15 min 1200 psi. RD Western. SWIFN.
DC: \$37,894 CC: \$238,571

8-13-94 Completion
CP - 150#. TIH w/retrieving head, 2-3/8" x 4' sub, HD packer, SN & 153 jts 2-7/8" tbg. Tag sand @ 4723' KB. Circ down to BP @ 4833', pull up to 4756' & set packer. Made 20 swab runs, recovered 120 bbls of fluid, 100% wtr, trace oil, good gas. No sand on last 3 runs, fluid level stable @ 2300' last 4 runs. Release packer, tag sand @ 4807' KB, circ dow to 4833', release BP @ TOOH w/tbg & tools. TIH w/production tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 jt 2-7/8" EUE J-55 8RD 6.5#	31.10'	4887.17'
1 perf sub 2-7/8" x 3'	3.40'	4856.07'
1 Seat Nipple	1.10'	4852.67'
4 jt 2-7/8" EUE J-55 8RD 6.5#	121.21'	4851.57'
1 tbg anchor 2-7/8" x 5-1/2"	2.35'	4730.36'
154 jts 2-7/8" EUE J-55 8RD 6.5#	4718.01'	4728.01'
KB	10.00'	

ND BOP, set tbg anchor w/2" tension. ND 5M well head, NU 3M well head. SWIFN. Had trouble getting tbg anchor set, load to recover 655 BW.
DC: \$3,028 CC: \$241,599

DAILY OPERATING REPORT

BALCRON FEDERAL #41-19Y

Location: NE NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

- 8-3-94 TD: 4,942' (703') Day 9
Formation: Green Zone
MW 8.5 VIS 26
Present Operation: Drilling
Drill, survey, clean & paint on rig.
DC: \$10,331 CC: \$92,105
- 8-4-94 TD: 5,550' (608') Day 10
Formation: Green River
MW 8.5 VIS 27
Present Operation: TOOH for logs.
Drill, clean & paint, circ for logs, TOH for logs.
DC: \$9,734 CC: \$101,839
- 8-5-94 TD: 5,550' (0') Day 11
Formation: Green River
Present Operation: RDMO.
Finish TOH, RU Halliburton & log well. TIH w/collars & drill pipe.
LD drill pipe & collars. Change pipe rams in BOP & test to 2000# -
OK. Run 5-1/2" csg & cmt by Western as follows:
Guide Shoe .60'
1 jt 5-1/2", 15.5#, Shoe Jt 44.52'
Float Collar 1.00'
128 jts 5-1/2", 15.5#, J-55 5488.92'
5535.04'
Landing Jt 9.00'
5-1/2" csg set @ 5544.04' KB
PBTD @ 5497.92' KB
Cmt by Western w/365 sxs Super "G", 2% gel, 2#/sx Hi-Seal2. Tail
w/270 sxs 50-50 POZ & 2% gel, 1/4#/sx Cello-Seal & 2#/sx Hi-Seal2.
Plug down @ 2:30 a.m. 8-5-94. (20 centralizers).
DC: \$65,689 CC: \$167,528
- 8-8-94 Completion
Grade location, set rig anchors, set tank. MIRU Cannon Well
Service rig #2. NU well head & BOP. TIH w/4-3/4" bit, 5-1/2" csg
scraper, & 179 jts 2-7/8" tbg. Circ hole clean w/125 bbls 2% KCL
wtr. TOOH w/tbg & tools. RU Schlumberger to run CBL from PBTD to
200' above cmt top, cmt top @ 1140' KB. RU Schlumberger to perf
4784'-4800' (4 SPF). RD Schlumberger. TIH w/RBP, retrieving head,
2-7/8" x 4' sub, HD packer, 2-7/8" SN, & 110 jts 2-7/8" tbg.
SWIFN.
DC: \$27,902 CC: \$195,430

DAILY OPERATING REPORT

BALCRON FEDERAL #41-19Y

Location: NE NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

- 7-27-94 TD: 711' (431') Day 2
Formation: Uintah
MW air & mist
Present Operation: Repair broken drums.
WOC, install well head, NU BOP, test BOP & manifold to 2000# - OK.
Test csg to 1500# - OK. Drill cmt, change on head rubber, drill,
survey, & repair rig.
DC: \$6,738 CC: \$31,876
- 7-28-94 Day #3
Repair rig.
- 7-29-94 Day #4
Repair rig, back to drilling @ 6:45 p.m.
- 7-30-94 TD: 1,402' (691') Day 5
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, clean & paint.
DC: \$9,989 CC: \$41,865
- 7-31-94 TD: 2,700' (1,298') Day 6
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey, clean & paint on rig. Hole making wtr, 30-40
gal/min.
DC: \$17,131 CC: \$58,996
- 8-1-94 TD: 3,710' (1,010') Day 7
Formation: Green River
MW air & mist
Present Operation: TOOH.
Drill, survey, clean & paint on rig. Blow hole, circ w/fluid.
Start TOOH for bit. Hole making wtr 30-40 gal/min.
DC: \$14,709 CC: \$73,705
- 8-2-94 TD: 4,239' (529') Day 8
Formation: Yellow Zone
MW 8.5 VIS 27
Present Operation: Drilling
Finish trip, PU 3 drill collars, TIH, drill, survey, clean & paint.
Work on pit pump. Hole taking fluid now approximately 400 bbls.
DC: \$8,069 CC: \$81,774

DAILY OPERATING REPORT

BALCRON FEDERAL #41-19Y

Location: NE NE Section 19, T9S, R18E

Uintah County, Utah

---TIGHT HOLE---

660' FNL, 660' FEL

PTD: 5,550' Formation: Green River

8 Mile Flat Prospect

Elevations: 5129.9' GL

Contractor: Union Drilling Rig #17

Operator: Balcron/EREC

Spud: 7-25-94 @ 1 p.m.

Casing: 8-5/8", 24#, J-55 @ 264.30' KB

5-1/2", 15.5#, J-55 @ 5544.04' KB

Tubing: 2-7/8", 6.5#, J-55 @ 4887.17' KB

7-19-94 Start location.

7-20-94 Work on location

7-21-94 Build road, work on location.

7-22-94 Finish location, install pit liner.

7-23-94 MIRU.

DC: \$13,713

CC: \$13,713

7-26-94 TD: 280' (280') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC.

Finish RU, drill rat hole, drill & set conductor. NU air head, drill surface hole, TOH, ND air head. Run 2 jts csg & could not get through bridge. LD csg & RIH w/drill collars. Drill through bridge & TOH. Run 6 jts csg as follows:

Guide Shoe .60'

1 jt 8-5/8", 24#, Shoe Jt 41.40'

Insert Float -----

5 jts 8-5/8", 24#, J-55 212.30'

254.30'

Landing jt 10.00'

Set at KB (10') 264.30' KB

Cmt by Western w/175 sxs Class "G" w/2% CCL & 1/4#/sx Celoflake.

Good returns, 7 bbls cmt back to pit. Plug down @ 5:45 a.m.

DC: \$11,425

CC: \$25,138



GEOLOGIC AND DRILLING REPORT

43-047-32504

BALCRON OIL

FEDERAL NO. 41-19Y

NENE SECTION 19-T9S-R18E

UINTAH COUNTY, UTAH

CONFIDENTIAL

Discovery
Energy Inc.

GEOLOGIC AND DRILLING REPORT

43-047-32504

BALCRON OIL

FEDERAL NO. 41-19Y

NENE SECTION 19-T9S-R18E

UINTAH COUNTY, UTAH

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

MICROFICHE

Table of Contents

FEDERAL NO. 41-19Y

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Show Report-----	5
Formation Data-----	6
Sample Description-----	7
Strip Log-----	Pocket

Prepared by:

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

Well Summary

OPERATOR: Balcron Oil
LEASE AND WELL NAME: Federal No. 41-19Y
LOCATION: NENE Section 19-T9S-R18E
Uintah County, Utah
ELEVATION: 5130 Ground, 5140 K.B.
SPUD DATE: July 25, 1994 @ 2:00 PM
COMPLETION DATE: Ran 5 1/2" Casing on 8-4-94
CASING POINT, DATE: April 4, 1994
TOTAL DEPTH: 5550' Driller Depth, 5550' Logger Depth
WELL STATUS: Awaiting Completion as an Oil Well
DRILLING CONTRACTOR: Union Drilling Company
RIG NO.: 17
HOLE SIZE: Surface; 12 1/4" to 280' Main Hole; 7 7/8" to 5550'
SURFACE CASING: 6 Joints 8 5/8", 24#, J-55 @ 264.30 K.B. w/175 sx
Class "G" +2% CaCl + 1/4#/sk Cello Flake
MUD PROGRAM: Air and Mist to 3711'
Fresh water and Chemical to 5550'
LOGS: Haliburton Logging Services: DLL/MCGRD, SDL/DSN
CORES: None
DRILL STEM TESTS: None
SAMPLE QUALITY: Good
SAMPLE DISPOSITION: Utah Sample Library, Salt Lake City
PRODUCTION CASING: 5 1/2", 15# @ Total Depth
DRILLING EQUIPMENT: BLOW OUT PREVENTER:
RIG: Draw Works Cabot-Franks Rocket Make Schaeffer, Model 10" - 3000#
Mast Make Cabot Height 87' Type Hydraulic Dbl Ram
Power Caterpillar 343 Diesel Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: No. 20, Length 596'
Thread 4"H-90, ID 2 1/2", OD 6"
PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

DAILY DEPTH AT 6:00 A.M.

Federal 41-19Y

<u>DATE</u>	<u>PENETRATION</u>		<u>TIME DISTRIBUTION</u>				<u>REMARKS</u>
	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>DRILLING</u>	<u>REPAIRS</u>	<u>OTHER</u>	<u>DAY WORK</u>	
7/19-22/94	-	-	-	-	-	-	Build Road & Location
7/23/94	-	-	-	-	16	-	Move In & Rig Up
7/24/94	-	-	-	-	-	-	Shut Down
7/25/94	-	-	-	-	-	-	Spud @ 2:00 PM
7/26/94	280	280	10	-	14	-	Run & Cmt 8 5/8" Csg
7/27/94	711	431	6 1/2	2	15 1/2	-	WOC; Nipple Up
7/28-29/94	711	-	-	24	-	-	WO Drawworks
7/30/94	1402	691	10 1/2	12 3/4	3/4	-	WO Drawworks
7/31/94	2700	1298	21 3/4	-	2 1/4	-	-
8/1/94	3710	1010	18 1/2	-	5 1/2	-	Load Hole w/Water
8/2/94	4239	529	18 1/2	1 1/2	4	-	Trip f/Bit #3
8/3/94	4942	703	22 1/2	-	1 1/2	-	-
8/4/94	5550	608	19 3/4	-	4 1/4	-	Hoist f/Logs
8/5/94	5550	-	-	-	24	24	Log w/Haliburton
							Lay Down D/P & D/C
							Run & Cmt 5 1/2" Csg
							Rig Down
							Rig Released @ 6:00 AM

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 128 Hours
 Days on Location----- 10 Days
 Rig Repair----- 40 1/4 Hours
 Day Work----- 24 Hours

Mud Check

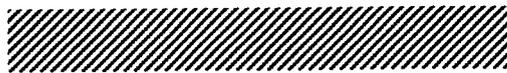
Federal No. 41-19Y

<u>DATE</u>	<u>DEPTH</u>	<u>WT</u>	<u>VIS</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>SALT</u>	<u>SOLIDS</u>
7-26-94	230					Drill w/Air and Mist	120 Psi	1800 CFM
7-27-94	711						130 Psi	1800 CFM
7-28-94	711							
7-29-94	711							
7-30-94	1402					200 Psi		1800 CFM
7-31-94	2700					260 Psi		1800 CFM
8-1-94	3710					280 Psi		1800 CFM
8-2-94	4239	8.5	27	-	-	-	6800	1.3% KCL
8-3-94	4942	8.5	26	-	-	-	6200	1.2% KCL
8-4-94	5550	8.5	27	-	-	-	6200	1.1% KCL

Mud Additives

KCL	50 sx	Lime	25 sx
Sawdust	3 sx	Gel	12 sx
T-700 Inhibitor	2 Bbl	Cedar Fiber	30 sx

Bit Record



Federal No. 41-19Y

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	12 1/4"	IR	F.B.	open	280	280	10	5-10	40	Air	120	1°
2	7 7/8"	STC	F-47A	open	3710	3430	57 1/4	38	60	Air	200	1 1/2°
3	7 7/8"	HTC	ATJ44	3-12	5550	1840	60 3/4	45	65	55	900	2 3/4°

Deviation Record

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
278	1°	3020	1 1/2°
1000	3/4°	3896	2 1/4°
2000	2°	4609	2 3/4°
2510	1 1/4°		

Show Report



Federal 41-19Y

NO	DEPTH	DRILL RATE, Min/Ft			TOTAL GAS Units			CHROMATOGRAPH ppm			
		From - To	Before	During	After	Before	Peak	After	C1	C2	C3
1	2700-2750	1.25	0.75	0.75	35	670	700	670	-	-	-
2	4494-4500	2.0	1.25	2.25	150	1450	225	1450	-	-	-
3	4790-4800	2.25	1.0	2.25	340	1725	500	1650	.75	-	-

REMARKS

1. Sandstone - light gray, very fine to fine grained, silty, angular to sub-rounded, mostly loose grains, clay filled, no visible porosity, scattered heavy asphaltic oil stain, few fragments have slow strong streaming cut, blobs of brown asphaltic oil on samples and accumulating on pits.
2. Sandstone - clear, light gray, very fine grained, silty, angular, calcareous, poor porosity, scattered dark brown oil stain and fluorescence, faint quick streaming cut.
3. Sandstone - clear, brown, very fine to fine grained, angular, calcareous, poor to fair porosity, brown oil saturation, dark yellow fluorescence, quick strong streaming cut, shaker screen plugged with heavy oil, oil accumulating on pits.

Formation Data



Federal No. 41-19Y

Log Tops

<u>ELEVATIONS</u>	<u>5130 GL</u>	<u>5140 K.B.</u>	<u>STRUCTURAL RELATIONSHIP</u>	
<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>THICKNESS</u>	<u>HIGH/LOW</u>
<u>TERTIARY</u>				
Uinta	Surface	+5130	1180	30' High
Green River	1190	+3950	873	38' High
Horseshoe Bench SS	2063	+3077	1503	119' High
2nd Garden Gulch	3566	+1574	260	145' High
Y-2 Sandstone	3826	+1314	338	180' High
Yellow Marker	4164	+976	162	154' High
Douglas Creek	4326	+814	233	158' High
2nd Douglas Creek	4559	+581	36	152' High
G-1 Sandstone	4595	+545	93	167' High
Green Marker	4688	+452	92	162' High
G-3 Sandstone	4780	+360	336	155' High
Carbonate Marker	5116	+24	34	182' High
B-1 Sandstone	5150	-10	364	202' High
Uteland Butte Ls	5514	-374	36+	182' High
TOTAL DEPTH	5550'			

REFERENCE WELL :

Jacobs Drilling, Inc.
Jacobs, Hiko-Bell, 8 Mile Flat No. 18-1
NWNW - Section 18-T9S-R18E
(1 1/2 Miles Northwest)

Sample

Descriptions

Balcron Oil
Monument Butte Federal No. 41-19Y
NENE Section 19-T9S-R18E
Uintah County, Utah

Samples caught from blooie line. Lagged; Sample quality good; 50 foot sample intervals; samples begin at 1300'.

LOG TOP, GREEN RIVER FM. 1190' (+3950')

1300 - 1350	Marl - tan, buff, light gray, blocky, firm, petroliferous.
1350 - 1400	No change.
1400 - 1450	Marl - tan, brown, firm, blocky, petroliferous.
1450 - 1500	As above; Shale - pale gray, calcareous, hard, blocky; Quartz in clear, sharp, broken fragments.
1500 - 1550	As above; Clay - white, soft.
1550 - 1600	No change.
1600 - 1650	Marl - brown, tan, firm, blocky, petroliferous; some Quartz and Clay - as above.
1650 - 1700	Marl - as above; Trace of Quartz.
1700 - 1900	Marl - as above.
1900 - 1950	Marl - grayish brown, tan, brown, firm, blocky, petroliferous.
1950 - 2000	Marl - tan to dark brown, firm, blocky, petroliferous, light brown crude oil covering sample; some Limestone - cream, buff, tan, micritic to fragmental.

2000 - 2050 Marl - dark brown, grayish brown, firm, blocky, petroliferous, much brown crude oil covering samples.

LOG TOP, HORSESHOE BENCH SANDSTONE 2063' (+3077')

2050 - 2100 Marl - tan, brown, firm, blocky, petroliferous; some Shale - light gray, firm, fissile to blocky, calcareous; Sand grains - clear, very fine to silty, angular to sub-rounded.

2100 - 2150 Marl - light grayish brown, tan, blocky, firm, slightly petroliferous; Sand to Silt grains - as above.

2150 - 2200 As above; trace of Limestone - white, micritic.

2200 - 2250 Marl - tan, brown, firm, blocky, petroliferous; some Limestone - buff, tan, micritic; Clay - white.

2250 - 2300 Marl - dark brown, brown, firm, blocky, petroliferous.

2300 - 2550 No change.

2550 - 2600 Marl - as above; Limestone - tan, brown, micritic, argillaceous.

2600 - 2650 Marl - tan to dark brown, hard, blocky, petroliferous.

2650 - 2700 Shale - dark greenish gray, hard, blocky, calcareous, gritty to silty; Sandstone - light gray, very fine grained, silty, calcareous, angular, tight scattered yellow fluorescence and streaming cut.

2700 - 2750 Sandstone - light gray, very fine to fine grained, silty, angular to sub-rounded, mostly loose grains, clay filled, no visible porosity, asphalt staining, few fragments have slow, strong, streaming cut; Blobs of dark brown asphalt on sample and pits; Shale - light gray, hard, blocky, calcareous, gritty.

2750 - 2800 Shale - light gray, greenish gray, calcareous, hard, blocky to fissile; Limestone - tan, brown, micritic; some Sandstone - as before.

2800 - 2850 No change.

2850 - 2900 Sandstone - clear, light gray, very fine grained, angular, calcareous, hard, tight; Limestone - tan, micritic; Shale - light gray, firm, blocky, calcareous.

2900 - 2950 Shale - as above; some Sandstone - as above.

- 2950 - 3000 Marl - tan, brown, firm, blocky, petroliferous.
- 3000 - 3050 Marl - as above; Limestone - tan, brown, hard, micritic;
Shale - light gray, hard, blocky, calcareous; Siltstone - white,
sandy, hard, limey.
- 3050 - 3100 Siltstone - as above.
- 3100 - 3150 Shale - light gray, hard, blocky; Marl - brown, firm, blocky,
petroliferous; Limestone - buff, tan, hard, micritic.
- 3150 - 3200 Limestone - as above; some Marl & Shale - as above.
- 3200 - 3250 Shale - light gray, blocky, hard, calcareous; some Limestone
and Marl.
- 3250 - 3300 Shale and Limestone - as above; some Marl.
- 3300 - 3350 Shale - as above; some Marl and Limestone.
- 3350 - 3400 Shale - as above; Sandstone - light gray, very fine grained, silty,
(mostly loose grains), angular, no visible show.
- 3400 - 3450 Marl - tan, brown, firm, blocky, petroliferous.
- 3450 - 3500 Shale - light to medium gray, gritty, hard, calcareous, blocky;
Marl - as above.
- 3500 - 3550 Marl and Shale - as above; Limestone - buff, tan, micritic,
argillaceous; few Sand grains as in 3350 - 3400'.

LOG TOP, SECOND GARDEN GULCH 3566' (+1574')

- 3550 - 3600 Sandstone - mostly loose grains, white to clear, very fine to fine
grained, angular, calcareous, some clay filling, tight, no show.

Begin 10 Foot Samples.

- 3600 - 3610 Limestone - cream, buff, tan, micritic; some Marl - brown, firm,
blocky, petroliferous.
- 3610 - 3620 No change.
- 3620 - 3630 As above; Shale - light gray, firm, blocky, calcareous.

- 3630 - 3640 As above; Sandstone - white, light gray, very fine grained, silty, angular, calcareous, clay-filled, tight.
- 3640 - 3650 Siltstone - light gray, sandy, calcareous; some Shale and Limestone - as above.
- 3650 - 3660 Siltstone - as above, grades to silty sandstone; Shale - medium gray, gritty, calcareous, firm, blocky; some Limestone.
- 3660 - 3670 Sandstone - clear, light gray, very fine grained, silty, angular, calcareous, mostly loose grains, poor visible porosity, no show; Shale - as above.
- 3670 - 3680 Siltstone - light gray, sandy, calcareous; Sandstone and Shale - as above.
- 3680 - 3690 As above; Limestone - cream, buff, micritic.
- 3690 - 3700 Siltstone and Shale - as above; some Limestone - as above.
- 3700 - 3710 Shale - light to medium gray, gritty, calcareous, hard, blocky; Limestone - buff, tan, micritic; some sandy Siltstone.
- 3710 - 3720 No sample.
- 3720 - 3730 Shale - medium gray, greenish gray, gritty, hard, blocky, calcareous; Marl - tan, brown, blocky, firm, petroliferous; some Limestone - cream, buff, micritic; Siltstone - light gray, sandy, calcareous.
- 3730 - 3740 No change.
- 3740 - 3750 Limestone - as above; some Shale and Marl - as above.
- 3750 - 3760 Marl - tan, brown, firm, blocky, petroliferous; Shale - as above; some Limestone - as above.
- 3760 - 3770 Marl - buff, tan, firm, blocky, petroliferous; Shale - light gray, greenish gray, hard, blocky, calcareous; Claystone - white, sandy. (Blobs of brown tar on sample and pits).
- 3770 - 3780 Marl and Claystone - as above; Shale - light gray, greenish gray, lavender, hard, blocky, calcareous.
- 3780 - 3790 No change.

3790 - 3800 Marl - as above; some Shale and Claystone - as above; (Tar Blobs).

3800 - 3810 Marl - brown, tan, buff, firm, blocky, petroliferous; Shale - medium gray, greenish gray, hard, blocky, calcareous; some Limestone - buff, tan, micritic.

3810 - 3820 No change.

LOG TOP, Y-2 SANDSTONE 3826' (+1314')

3820 - 3830 No change.

3830 - 3840 Marl - as above; some Shale - as above; Limestone - buff, micritic.

3840 - 3850 No sample.

3850 - 3860 Marl and Shale - as above; some Claystone - white; Some Limestone - buff to tan, micritic to fragmental. (Tar Blobs on sample and pits)

3860 - 3900 No change.

3900 - 3910 No change.

3910 - 3920 Marl - buff, tan, brown, firm, blocky, petroliferous; some Claystone, Limestone and Shale.

3920 - 3930 Marl - as above; Claystone - white, soft, sandy; Shale - light gray, hard, blocky, calcareous; Limestone - buff, tan, micritic.

3930 - 3940 No change.

3940 - 3950 Increase in Gray Shale.

3950 - 3970 No sample.

3970 - 3980 Marl - as above; some Shale - light gray, firm, gritty, fissile to blocky, calcareous.

3980 - 3990 Shale and Marl - as above; Siltstone - light gray, sandy, calcareous, black asphaltic specks.

3990 - 4000 Increase in Siltstone.

4000 - 4030 No change.

4030 - 4040 Marl - tan, brown, firm, blocky, petroliferous; Shale - medium greenish gray, firm, blocky, calcareous.

4040 - 4050 No change.

4050 - 4060 Marl - as above; some Shale - light gray, firm, fissile, calcareous.

4060 - 4070 No change.

4070 - 4080 As above; Brown asphalt blobs on samples and pits.

4080 - 4090 Marl - as above; some Claystone - white, light gray, partly sandy; (Asphalt blobs)

4090 - 4100 No change.

4100 - 4110 Marl - buff, tan, firm, blocky, petroliferous; trace of Claystone - white; some Shale - light gray, calcareous, hard, blocky.

4110 - 4120 No change.

4120 - 4130 Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, fissile, firm, calcareous.

4130 - 4140 Shale - black to dark brown, fissile, very petroliferous "Oil Shale".

4140 - 4150 Marl - tan, brown, firm, blocky, petroliferous; Shale - light gray, fissile, calcareous; Claystone - light gray, white.

4150 - 4160 Marl - as above; Shale - light gray, fissile, gritty, calcareous.

LOG TOP, YELLOW MARKER 4164' (+976')

4160 - 4170 Marl - brown, tan, buff, firm, blocky, petroliferous; some Shale - black, fissile, very petroliferous "Oil Shale"; Shale - light to medium gray, blocky, firm, calcareous.

4170 - 4180 As above; Limestone - buff, micritic, hard.

4180 - 4190 Marl - as above; Shale - light gray, fissile, firm, calcareous.

4190 - 4200 No change.

- 4200 - 4210 As above; Sandstone - white, very fine grained, silty, angular, clay filled, tight, calcareous.
- 4210 - 4220 No change.
- 4220 - 4230 Marl - tan, brown, firm, blocky, petroliferous; some Shale - light gray, fissile, hard, calcareous; Claystone - white, sandy in part.
- 4230 - 4240 Marl - as above; Shale - light gray, greenish gray, firm, blocky, calcareous; trace of Claystone - white.
- 4240 - 4250 No change.
- 4250 - 4260 No change.
- 4260 - 4270 Marl and Shale - as above; Sandstone -white, clear, very fine grained, silty, angular, calcareous, clay filled, tight, no show.
- 4270 - 4280 No change.
- 4280 - 4290 Marl - tan, brown, firm, blocky, petroliferous; some Shale - medium gray, hard, gritty, blocky, calcareous; Sandstone - as above; Siltstone - light to medium gray, calcareous.
- 4290 - 4310 No change.
- 4310 - 4320 Marl - as above; Shale - light gray, hard, fissile, calcareous; some Sandstone and Siltstone - as above.

LOG TOP, DOUGLAS CREEK 4326' (+814')

- 4320 - 4330 Shale - light to medium gray, hard, fissile to blocky, partly gritty, calcareous; some Marl - as above.
- 4330 - 4340 Marl - tan, brown, firm, blocky, petroliferous; Shale - as above; some Limestone - buff, tan, micritic.
- 4340 - 4350 No change.
- 4350 - 4360 Marl and Shale - as above.
- 4360 - 4390 No change.
- 4390- 4400 As above; some Sandstone - white, clear, very fine grained, silty, angular, calcareous to clay filled, hard, tight.

- 4400 - 4410 Marl - tan, brown, blocky, firm, petroliferous; Limestone - buff, tan, micritic; Claystone - white; Shale - light gray, fissile, calcareous, hard.
- 4410 - 4420 Shale and Limestone - as above; Marl - as above.
- 4420 - 4430 Shale - light to medium gray, dark green, lavender gray, hard, blocky to fissile, calcareous; Marl and Limestone - as above.
- 4430 - 4440 Shale - light to medium gray, greenish gray, hard, fissile to blocky, calcareous; Marl and Limestone - as above.
- 4440 - 4450 As above; some Sandstone - white, light gray, very fine grained, silty, angular, calcareous, clay filled, hard, tight.
- 4450 - 4460 Siltstone - light gray, sandy, calcareous; Shale and Marl - as above.
- 4460 - 4470 Marl - tan, brown, blocky, firm, petroliferous; some Shale - light gray, fissile, hard, calcareous.
- 4470 - 4480 Shale - light to medium gray, dark greenish gray, hard, blocky to fissile, calcareous; Marl - as above; Limestone - buff, tan, micritic.
- 4480 - 4490 No change.
- 4490 - 4500 As above; Sandstone - clear, light gray, very fine grained, silty, angular, calcareous, poor porosity, scattered dark brown oil stain and fluorescence, faint quick streaming cut.
- 4500 - 4510 Sandstone - as above; Marl and Shale - as above.
- 4510 - 4520 Siltstone - light gray, calcareous, locally grades to Sandstone - as above; Limestone - buff, tan, cream, micritic, fragmental; Marl and Shale - as above.
- 4520 - 4530 Marl - dark brown, tan, firm, blocky, petroliferous; Shale - light to medium gray, dark green, hard, blocky to fissile, calcareous; Limestone - as above; trace of Sandstone and Siltstone.
- 4530 - 4540 No change.
- 4540 - 4550 No change.

LOG TOP, SECOND DOUGLAS CREEK 4559' (+581')

- 4550 - 4560 Marl - brown, tan, firm, blocky, petroliferous; Limestone - cream, buff, tan, micritic to fragmental; Sandstone - white, very fine grained, silty, angular, calcareous, clay filled, tight, *no visible show*; Shale - light to medium gray, greenish gray, hard, calcareous, locally pyritic.
- 4560 - 4570 Marl and Limestone - as above; trace of Sandstone; some Shale.
- 4570 - 4580 Marl and Shale - as above; trace of Sandstone.
- 4580 - 4590 Marl and Shale - as above.

LOG TOP, G-1 SANDSTONE 4595' (+545')

- 4590 - 4600 Shale and Marl - as above.
- 4600 - 4610 Marl and Shale - as above; Sandstone - white, light gray, very fine grained, silty, angular, calcareous, clay filled, tight, no show.
- 4610 - 4620 No change.
- 4620 - 4630 Marl and Shale - as above; Siltstone - light gray, calcareous; grades locally to Sandstone - as above.
- 4630 - 4640 Marl - tan, brown, blocky, hard, petroliferous; Shale - light gray, hard, fissile to blocky, calcareous; Siltstone - light gray, white, sandy, calcareous; Claystone - white.
- 4640 - 4650 No change.
- 4650 - 4660 Shale - light gray, fissile to blocky, firm, calcareous; Marl - as above; some sandy Siltstone; some Claystone - white.
- 4660 - 4670 Marl - as above; some Shale - as above.
- 4670 - 4680 Marl - as above.

LOG TOP, GREEN MARKER 4688' (+452')

- 4680 - 4690 No sample.
- 4690 - 4700 Shale - dark brown, fissile, very petroliferous "Oil Shale".

4700 - 4710 Marl - tan, brown, light gray, firm, blocky, petroliferous;
Limestone - cream, tan, micritic.

4710 - 4720 As above; Shale - light gray, fissile, firm, calcareous.

4720 - 4730 As above; Siltstone - light gray, shaley, calcareous.

4730 - 4740 Shale and Marl - as above; some shaley Siltstone - as above.

4740 - 4750 No change.

4750 - 4760 No change.

4760 - 4770 No change.

4770 - 4780 No sample.

LOG TOP, G-3 SANDSTONE 4780' (+360')

4780 - 4790 Marl - buff, tan, brown, blocky, firm, petroliferous; Shale - light gray, greenish gray, fissile to blocky, firm, calcareous, partly gritty.

4790 - 4800 As above; Sandstone - clear, brown, very fine to fine grained, angular, calcareous, poor to fair porosity, brown oil saturation, dark yellow fluorescence, quick strong streaming cut, good show of live oil.

4800 - 4810 Marl - as above; Shale - as above; Siltstone - light gray, white, sandy, calcareous.

4810 - 4820 No change.

4820 - 4840 No change.

4840 - 4850 Marl - as above; some Shale - as above.

4850 - 4860 As above; Limestone - tan, micritic.

4860 - 4870 Shale - light gray, fissile to blocky, hard, calcareous; Marl and Limestone - as above.

4870 - 4880 Marl and Shale - as above.

4880 - 4890 As above; Shale - dark brown, firm, fissile.

4890 - 4900 No change.

4900 - 4910 Shale - light to medium gray, dark brownish gray, fissile; Marl - as before.

4910 - 4920 Shale - as above; Limestone - cream, tan, micritic.

4920 - 4930 Shale - as above; Marl - tan, brown, firm, blocky, petroliferous.

4930 - 4940 Shale - as above; some Marl.

4940 - 4950 Shale - dark brown, firm, blocky to fissile, calcareous, petroliferous.

4950 - 4960 Shale - dark brown, medium grayish brown, blocky to fissile, locally lumpy and gritty, firm to soft, petroliferous appearance.

4960 - 4980 No change.

4980 - 5000 Shale - as above; some Limestone - buff, tan, micritic.

5000 - 5010 Siltstone - light gray, calcareous; Shale - as above; some Limestone - as above; Marl - tan, brown, firm, blocky, petroliferous.

5010 - 5020 Shale - light gray, fissile, firm, calcareous; Marl and Siltstone - as above; Limestone - as above.

5020 - 5030 Limestone and Marl - as above; Shale - light gray, fissile to blocky, calcareous, firm.

5030 - 5040 Shale - dark brownish gray, fissile to blocky, petroliferous.

5040 - 5050 As above; Shale - light to medium gray, fissile to blocky, firm, calcareous.

5050 - 5060 As above; Marl - tan, brown, firm blocky, petroliferous.

5060 - 5070 Shale - dark brown to black, fissile, petroliferous.

5070 - 5080 Shale - as above; trace of Limestone - tan micritic.

5080 - 5090 Shale - medium to dark brown, fissile, petroliferous.

5090 - 5100 No change.

5100 - 5110 No change.

LOG TOP, CARBONATE MARKER 5116' (+24')

5110 - 5120 Marl - tan, brown, light gray, firm, blocky to fissile, petroliferous.

5120 - 5140 No sample.

5140 - 5150 Sandstone - (Mostly loose grains) very fine, silty, angular, clay filled, tight, no show; some Marl - as before.

LOG TOP, B-1 SANDSTONE 5150' (-10')

5150 - 5160 Sand Grains - as above, silt-sized to fine, clear, angular to sub-round, no show.

5160 - 5170 Marl - tan, brown, firm, blocky, petroliferous; Shale - medium gray, blocky, calcareous.

5170 - 5180 No sample.

5180 - 5190 Marl - as before; Shale - medium gray, firm, blocky to fissile, calcareous.

5190 - 5200 Shale - light to medium gray, fissile to blocky, firm, calcareous; Marl - as above.

5200 - 5210 As above; Siltstone - light to medium gray, sandy, shaley.

5210 - 5220 Marl - as above; Shale - light to medium gray, greenish and lavender gray, hard, calcareous, blocky.

5220 - 5230 Siltstone - medium gray, sandy, shaley, calcareous; Marl and Shale - as above.

5230 - 5240 Marl - dark brown, blocky, gritty, petroliferous; Shale - as above; some Sandstone - light gray, tan, very fine grained, silty, shaley, angular, calcareous, tight.

5240 - 5250 No change.

5250 - 5260 Shale - light gray, firm, fissile, calcareous; Marl - tan, brown, firm, blocky, petroliferous.

5260 - 5270 Sandstone - white, light gray, very fine grained, silty, angular, clay filled, calcareous, tight, no show; shale and Marl - as above.

- 5270 - 5280 Sandstone - (mostly loose grains), silt-sized to a few medium, angular, clear, no visible porosity or show.
- 5280 - 5290 Shale - light to medium gray, firm, blocky to fissile, calcareous, hard; some Sandstone - as above; Marl - tan, brown, firm, blocky, petroliferous.
- 5290 - 5300 Marl and Shale - as above.
- 5300 - 5310 No change.
- 5310 - 5320 As above; Sandstone - light gray, very fine grained, silty, angular, calcareous to clay filled, tight, no show.
- 5320 - 5330 No change.
- 5330 - 5340 Shale and Marl - as above; Siltstone - light gray, very sandy, calcareous.
- 5340 - 5350 Marl and Shale - as above.
- 5350 - 5360 Sandstone - (mostly loose grains), white, clear, very fine grained, silty, angular, no visible porosity or show; Marl - dark brown, brown tan, blocky, firm, petroliferous.
- 5360 - 5370 Marl - buff, tan, firm, blocky, petroliferous; Sandstone - as above; Shale - light gray, hard, fissile, calcareous.
- 5370 - 5380 Marl and Shale - as above; Claystone - white; some Sandstone - as above.
- 5380 - 5390 Marl - buff, tan, dark brown; Shale and Claystone - as above; some Sandstone.
- 5390 - 5400 Marl and Shale - as above; Some Claystone.
- 5400 - 5410 As above; Siltstone - light gray, calcareous, locally sandy.
- 5410 - 5420 Sandstone - white, clear, very fine to fine grained, angular, calcareous, partly silty, locally clay filled, no visible show, tight to poor porosity; Marl and Shale - as above.
- 5420 - 5430 Marl and Shale - as above; Sandstone - as above, grades to Siltstone.

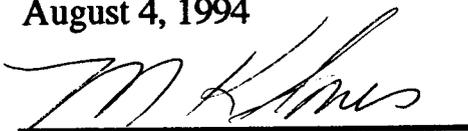
- 5430 - 5440 Marl - buff, tan, brown, firm, blocky, petroliferous; Shale - light gray, fissile to blocky, hard, calcareous.
- 5440 - 5450 Shale and Marl - as above; Marl - dark brown, petroliferous.
- 5450 - 5460 Shale - light to medium gray, gritty in part, calcareous, blocky to fissile; Marl - tan, brown, firm, blocky, petroliferous; Sandstone - light gray, very fine grained, silty, angular, calcareous, shaley, tight.
- 5460 - 5470 Marl - dark brown, brown, tan, blocky, firm, petroliferous; Shale - tight to medium gray, dark green, fissile to blocky, calcareous, hard.
- 5470 - 5480 Marl and Shale - as above.
- 5480 - 5490 As above; Sandstone - white, light gray, very fine grained, silty, angular, calcareous, clay filled to shaley, hard, tight.
- 5490 - 5500 Siltstone - light gray, very sandy, calcareous, hard; Marl and Shale - as above.
- 5500 - 5510 Marl and Shale - as above; some sandy Siltstone.

LOG TOP, UTELAND BUTTE LIMESTONE 5514' (-374')

- 5510 - 5520 No change.
- 5520 - 5530 Limestone - dark grayish brown to black, shaley, brittle.
- 5530 - 5540 No change.
- 5540 - 5550 No change.

Driller's Total Depth 5550'
Logger's Total Depth 5550'

August 4, 1994



M.K. Jones
Petroleum Geologist

GEOLOGIC WELL LOG

OPERATOR: BALCRON OIL

WELL: FEDERAL No. 41-19Y

COUNTY: UINTAH STATE: UTAH

SECTION: 19, TOWNSHIP 9S, RANGE 18E

QTR. SEC. NENE 660' FNL, 660' FEL

KB 5140', GR 5130'

RIG: UNION # 17

TOTAL DEPTH: 5550'

STATUS: AWAITING COMPLETION

SPUD DATE: 7-25-1994 COMP. DATE: UNKNOWN

PERFS: UNKNOWN

IP: UNKNOWN

GEOLOGIST: M.K. Jones

LITHOLOGIC SYMBOLS

POROSITY & SHOW SYMBOLS

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XX	FAIR						
XXX	GOOD						
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●	FAIR						
●	GOOD						
<table border="0"> <tr><td>☀</td><td>POOR</td></tr> <tr><td>☀</td><td>FAIR</td></tr> <tr><td>☀</td><td>GOOD</td></tr> </table>	☀	POOR	☀	FAIR	☀	GOOD	} GAS SHOWS
☀	POOR						
☀	FAIR						
☀	GOOD						

OPERATIONAL SYMBOLS

	CORE
	SIDEWALL CORE
	DST
	CASING SEAT
	PERFORATIONS
	SQUEEZED PERFS

GEOLOGIST: M.K. Jones

FROM: 1000' **TO:** Total Depth

DRILL RATE

Mn/Ft

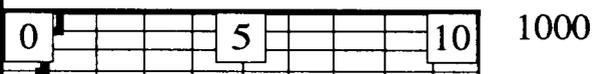


Ft/Hr



P o r o s	S h o w s	C o r e	C s g

TEXT



Bit No. 2
F-47A

1100

NS

GREEN RIVER 1190'

1200

1300

Marl - tn, bf, lt gy, blk, frm, petrol

1400

Marl - tn, brn, frm, blk, petrol

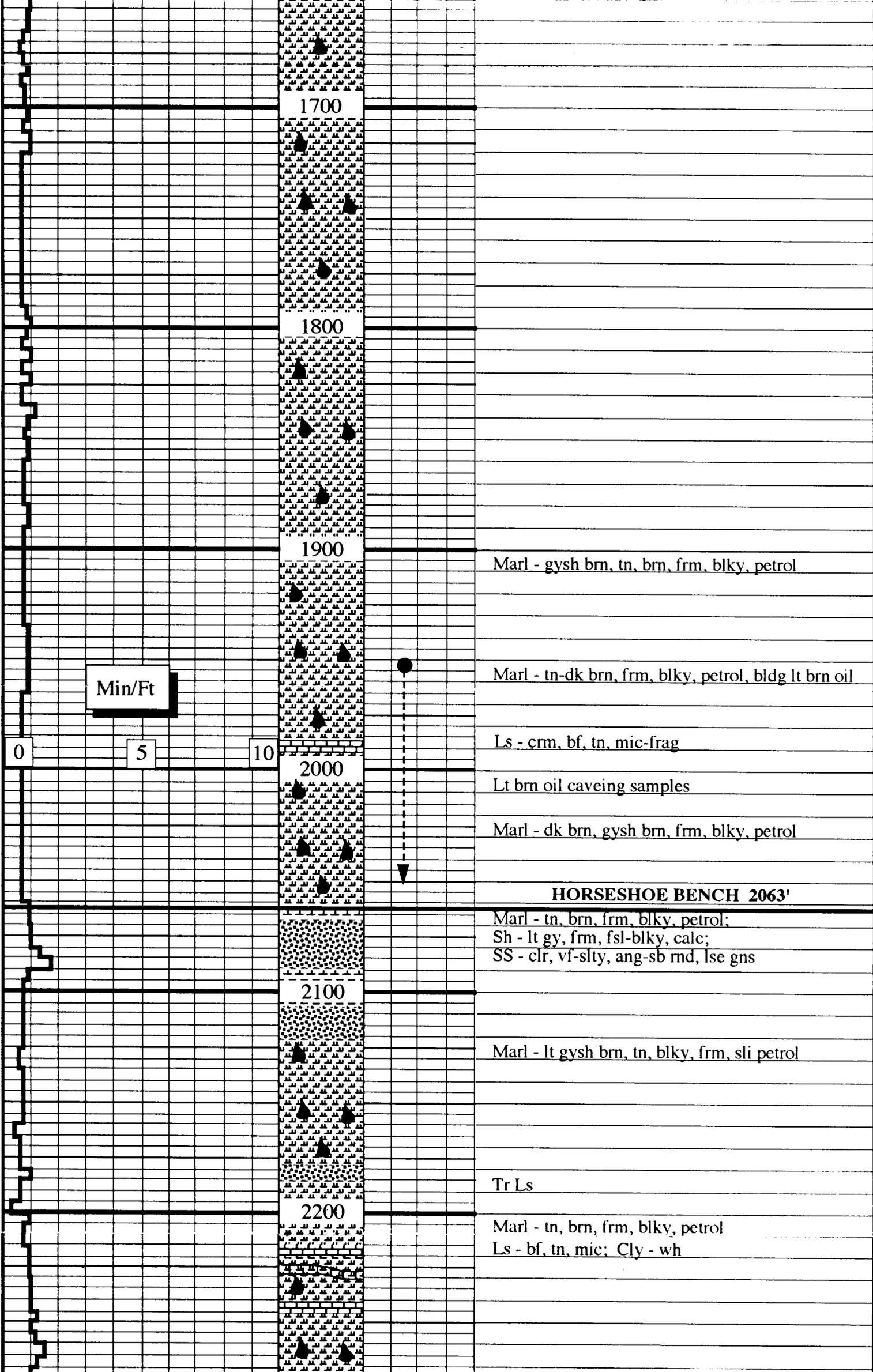
1500

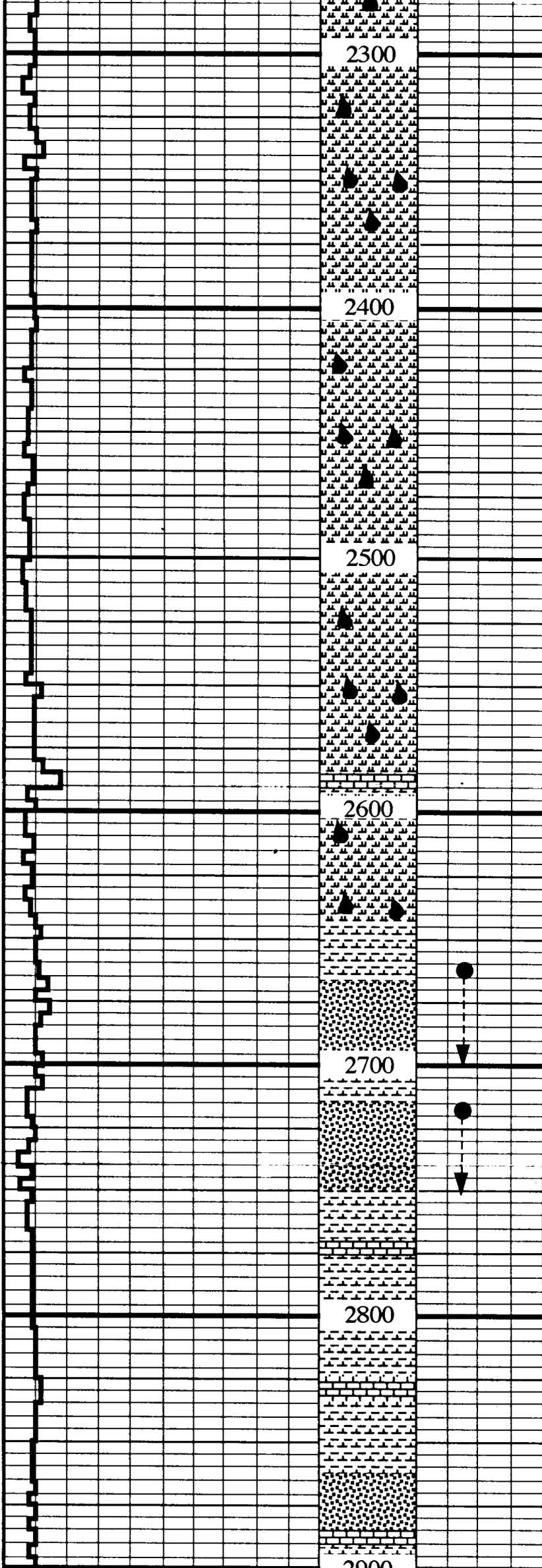
Sh - pl gy, calc, hd, blk;
Qtz - clr, shrp brkn frags

Cly - sft, wh

1600

Marl - brn, tn, frm, blk, petrol





2300

2400

2500

2600

2700

2800

Ls - tn, brn, mic, arg

Marl - tn, dk brn, hd, blk, petrol

Sh - dk gnsh gy, hd, blk, calc, grty-slty

SS - lt gy, vfg, slty, calc, ang, tite, scd yell fluor & strmg ct

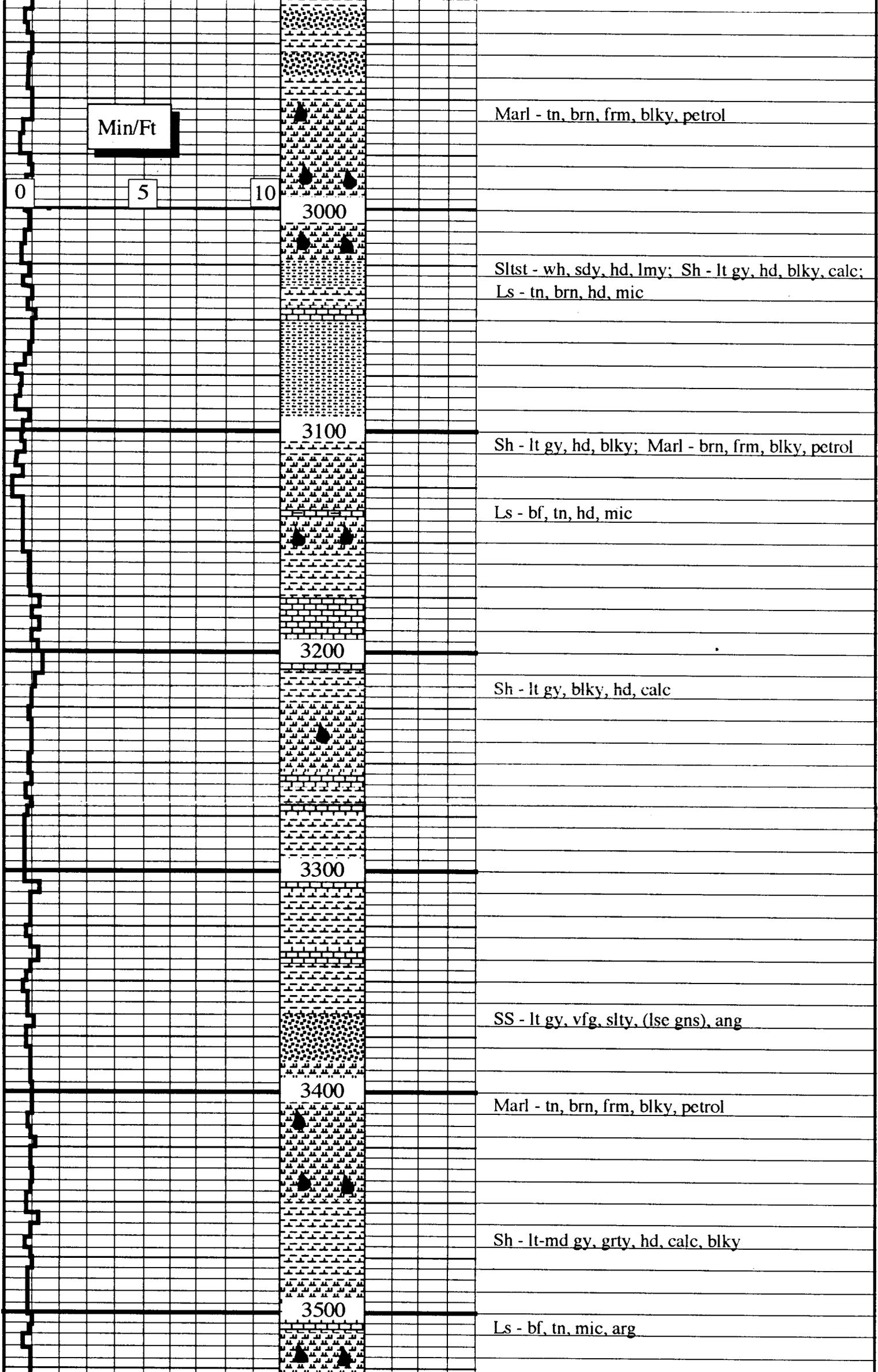
Sh - lt gy, hd, blk, calc, grty;
 SS - lt gy, vf-fg, slty, ang-sb rnd, mstly lsc gns, cly fld, scd hvy asphalt stn, scd slw strmg ct, blobs of dk brn asphalt on sample & pits

Sh - lt gy, gnsh gy, calc, hd, blk-fsl
 Ls - tn, brn, mic

SS - clr, lt gy, vfg, ang, calc, hd, tite

Ls - tn, mic

2900



SS - (lse gns), wh, clr, vf-fg, ang, calc, cly fld tite, NS

2ND GARDEN GULCH 3566'

3600

Depth
Scale
Change

Min/Ft

0 5 10

3600

Ls - crm, bf, tn, mic;
Marl - brn, frm, blk, petrol

Sh - lt gy, frm, blk, calc

SS - wh, lt gy, vfg, slty, ang, calc, cly fld, tite

Sltst - lt gy, sdy, calc

Sh - md gy, grty, calc, frm, blk;
SS - clr, lt gy, vfg, slty, ang, calc, mstly lse gns, pr por, NS

Sltst - lt gy, sdy, calc

Ls - crm, bf, mic

3700

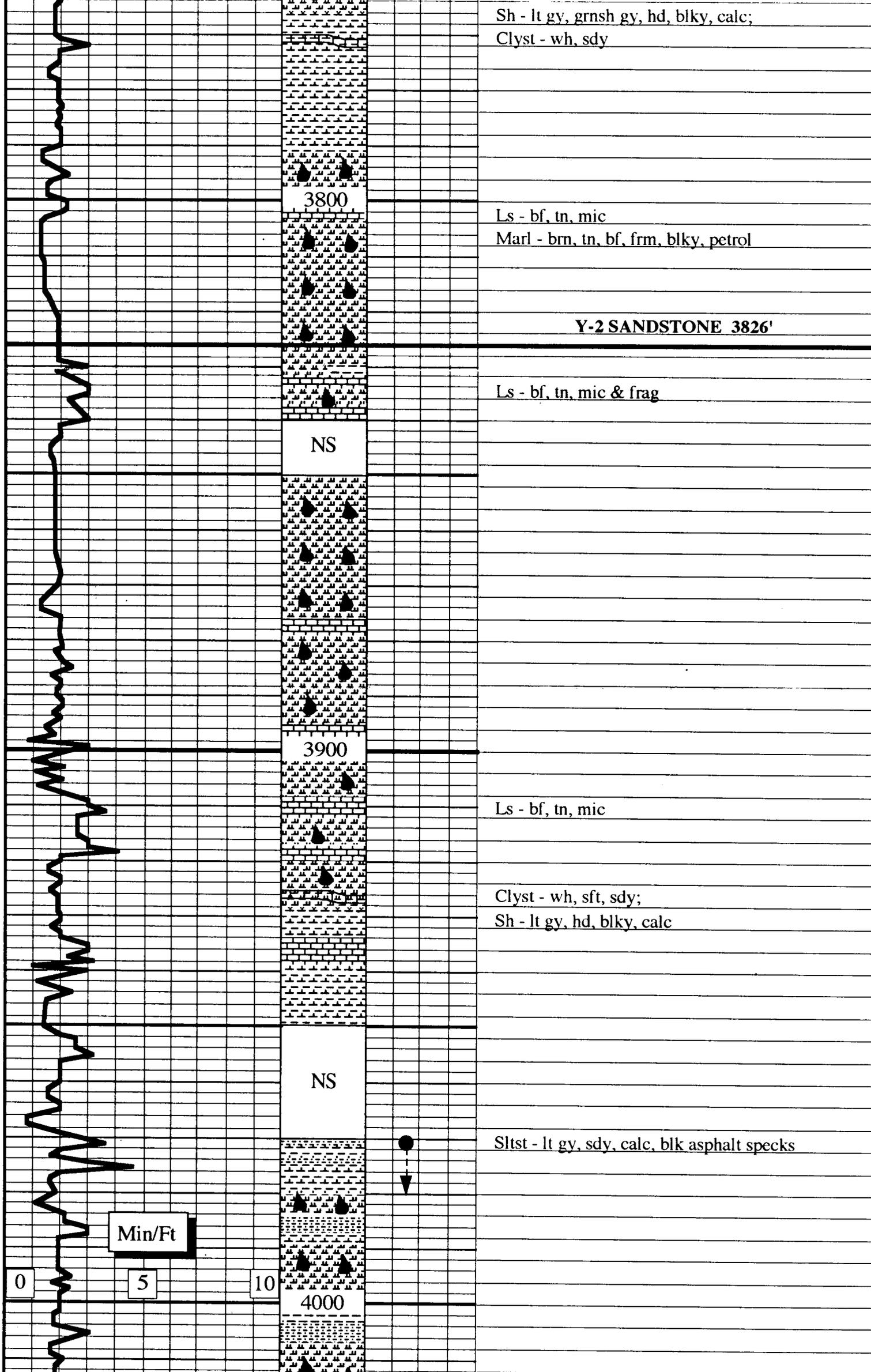
Ls - bf, tn, mic
Sh - lt-md gy, grty, calc, hd, blk

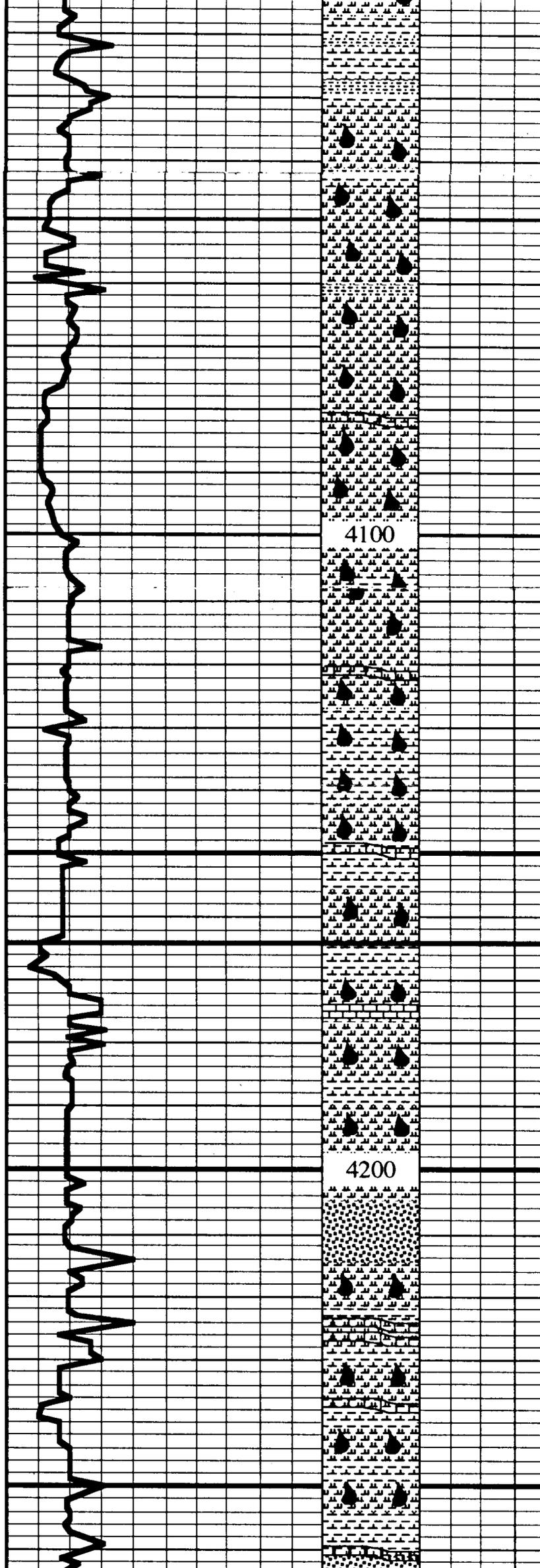
Bit No. 3
ATJ-44

NS

Sh - md gy, grnsh gy, grty, hd, blk, calc;
Marl - tn, brn, blk, petrol; Ls - crm, bf, mic;
Sltst - lt gy, sdy, calc

Marl - tn, brn, frm, blk, petrol





Sh - md gnsh gy, frm, blk, calc
 Marl - tn, brn, frm, blk, petrol

Clystn - wh, lt gy

4100

Marl - bf, tn, frm, blk, petrol
 Sh - lt gy, calc, hd, blk

Marl - tn, brn, frm, blk, petrol;
 Sh - lt gy, fsl, frm, calc

Sh - blk, dk brn, fsl-vy petrol "Oil Shale"

YELLOW MARKER 4164'

"Oil Shale"

Ls - bf, mic, hd

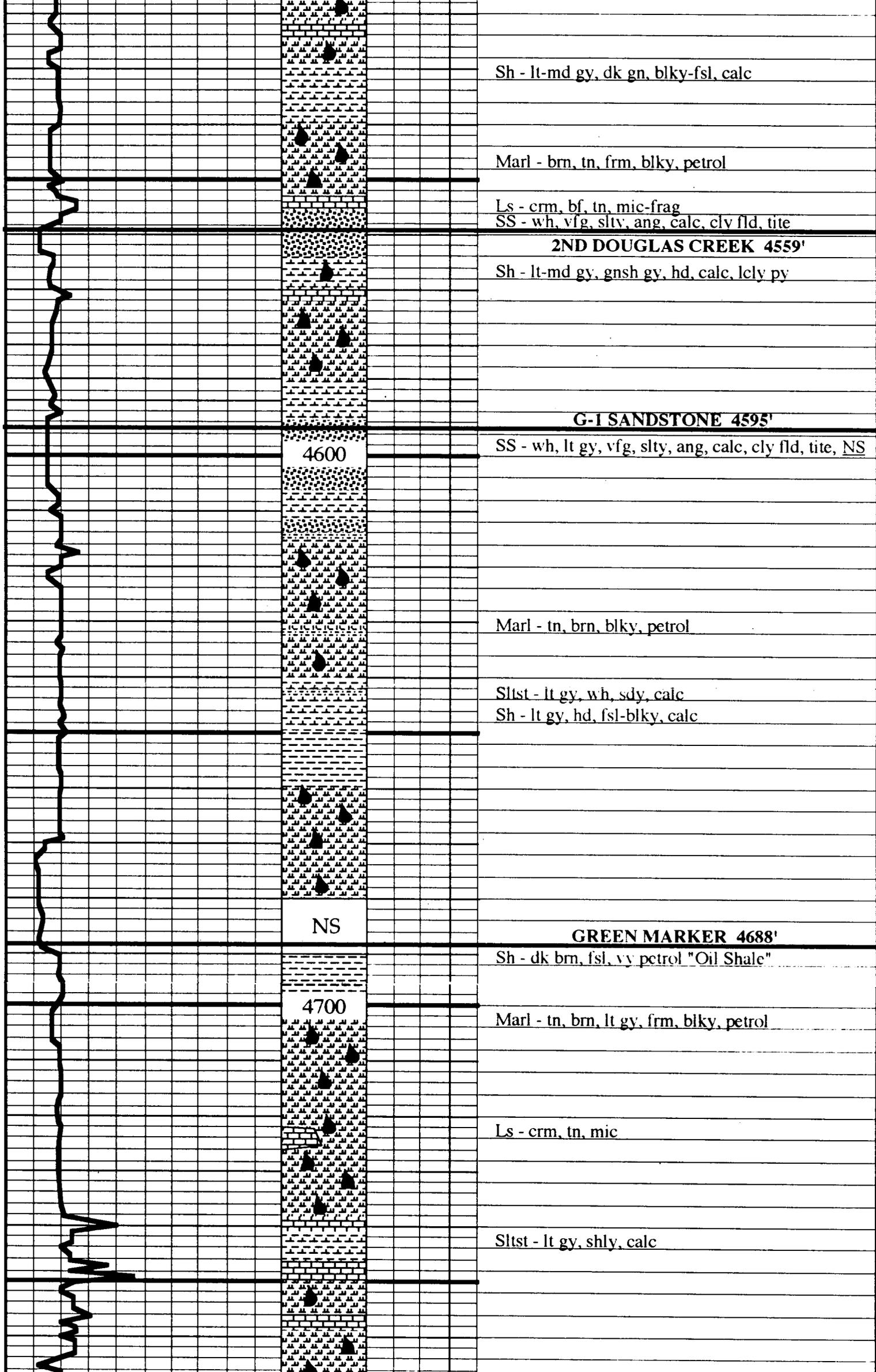
Sh - lt gy, fsl, frm, calc

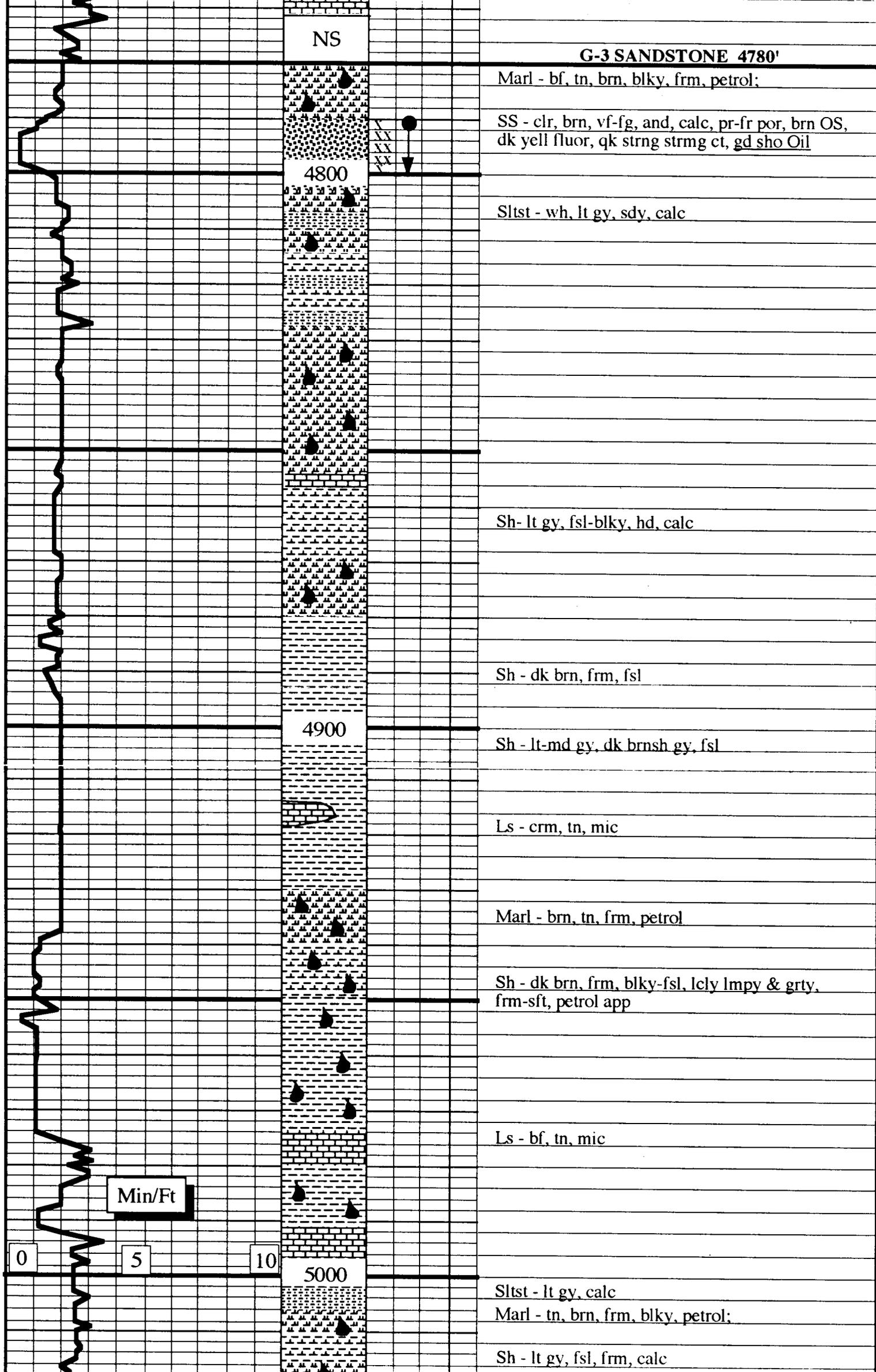
4200

SS - wh, clr, vfg, slty, ang, calc, cly fld, tite, NS

Marl - tn, brn, frm, blk, petrol
 Sh - lt gy, fsl, hd, calc; Clyst - wh, sdy

SS - wh, clr, vfg, slty, ang, calc, cly fld, tite, NS





NS

G-3 SANDSTONE 4780'

Marl - bf, tn, brn, blk, frm, petrol;

SS - clr, brn, vf-fg, and, calc, pr-fr por, brn OS, dk yell fluor, qk strng strmg ct, gd sho Oil

4800

Slst - wh, lt gy, sdy, calc

Sh - lt gy, fsl-blky, hd, calc

Sh - dk brn, frm, fsl

4900

Sh - lt-md gy, dk brnsh gy, fsl

Ls - crm, tn, mic

Marl - brn, tn, frm, petrol

Sh - dk brn, frm, blk-fsl, lclly lmpy & grty, frm-sft, petrol app

Ls - bf, tn, mic

Min/Ft

0

5

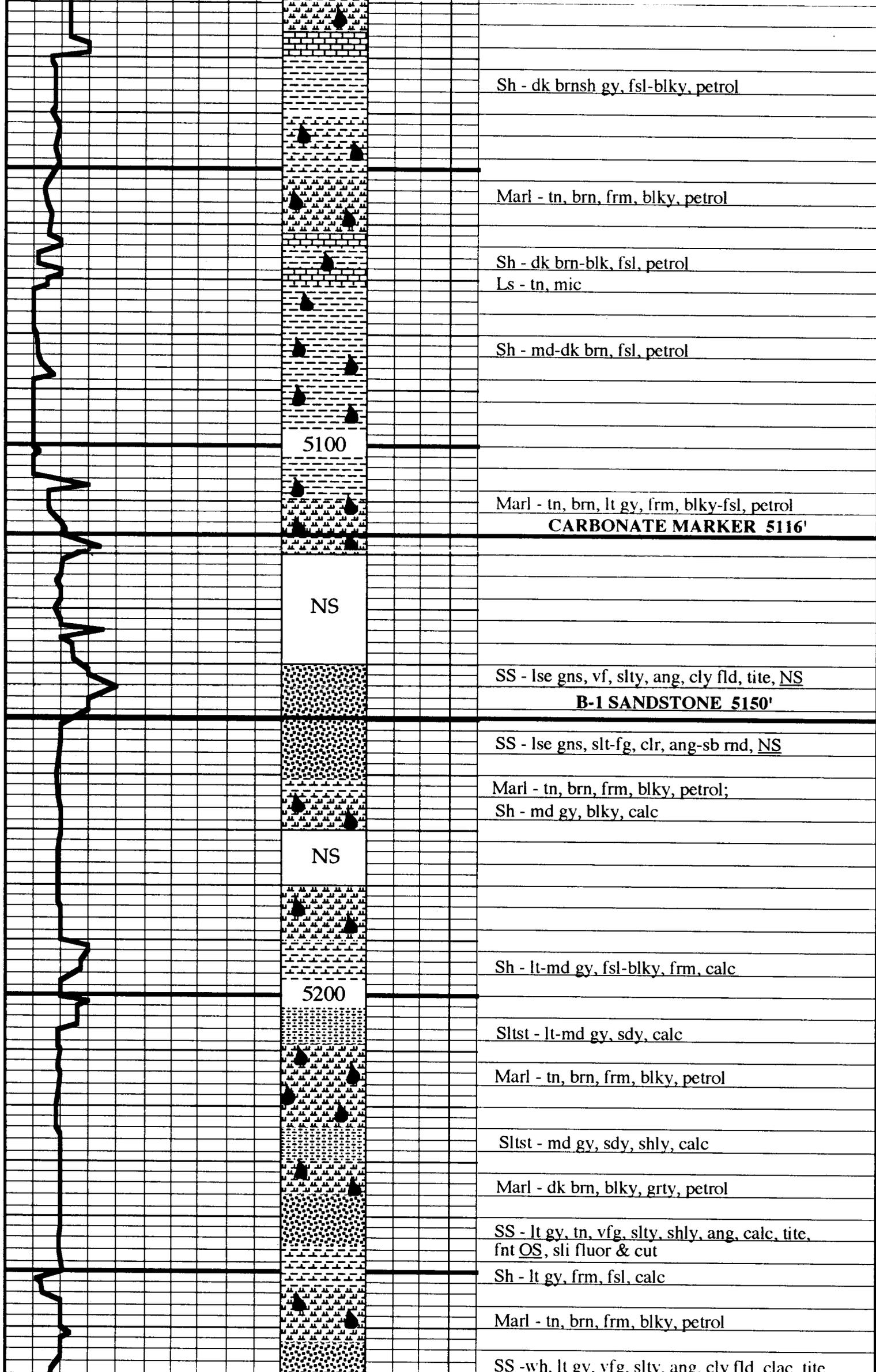
10

5000

Slst - lt gy, calc

Marl - tn, brn, frm, blk, petrol;

Sh - lt gy, fsl, frm, calc



Sh - dk brnsh gy, fsl-blky, petrol

Marl - tn, brn, frm, blky, petrol

Sh - dk brn-blk, fsl, petrol
Ls - tn, mic

Sh - md-dk brn, fsl, petrol

5100

Marl - tn, brn, lt gy, frm, blky-fsl, petrol
CARBONATE MARKER 5116'

NS

SS - lse gns, vf, slty, ang, cly fld, tite, NS
B-1 SANDSTONE 5150'

SS - lse gns, slt-fg, clr, ang-sb rnd, NS

Marl - tn, brn, frm, blky, petrol;
Sh - md gy, blky, calc

NS

Sh - lt-md gy, fsl-blky, frm, calc

5200

Sltst - lt-md gy, sdy, calc

Marl - tn, brn, frm, blky, petrol

Sltst - md gy, sdy, shly, calc

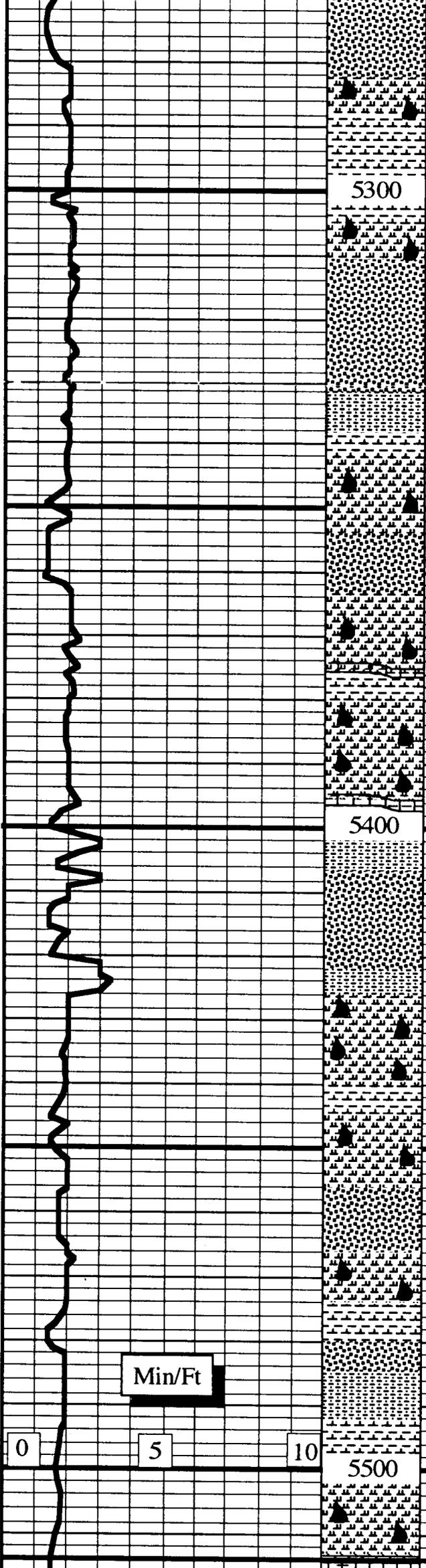
Marl - dk brn, blky, grty, petrol

SS - lt gy, tn, vfg, slty, shly, ang, calc, tite,
fnt OS, sli fluor & cut

Sh - lt gy, frm, fsl, calc

Marl - tn, brn, frm, blky, petrol

SS -wh, lt gy, vfg, slty, ang, cly fld, calc, tite



SS - lse gns, slt-md, clr, ang, NS

5300

SS - lt gy, vfg, slty, ang, calc-cly fld, tite, NS

Slstst - lt gy, vy sdy, calc

SS - lse gns, wh, clr, vfg, slty, ang, no vis por, NS

Marl - bf, tn, frm, blk, petrol

Sh - lt gy, hd, fsl

Clyst - wh

Marl - bf, tn, dk brn

5400

Slstst - lt gy, calc, lclly sdy

SS - wh, clr, vf-fg, ang, calc, prtly slty, lclly cly fld, NS, tite-pr por

Marl - bf, tn, brn, blk, frm, petrol

Sh - lt gy, fsl-blky, hd, calc

Marl - dk brn, petrol

SS - lt gy, vfg, slty, ang, calc, shly, tite

Marl - dk brn, tn, blk, frm, petrol

Sh - lt-md gy, fsl-blky, calc, hd

SS - wh, lt gy, vfg, slty, ang, calc, cly fld-shly
hd, tite

Slstst - lt gy, vy sdy, hd, calc

5500

Min/Ft

0 5 10

UTELAND BUTTE LS 5514'

DRILLER'S TOTAL DEPTH 5550'

LOGGER'S TOTAL DEPTH 5550'

Discovery Energy Inc.



1440 GRAND AVENUE, 59102 (406) 256-2395
P.O. BOX 21194
BILLINGS, MONTANA 59104

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 22 1994

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Belcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

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

NE NE Section 19, T9S, R18E
660' ENL, 660' FEL

5. Lease Designation and Serial No.

U-05635

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #41-19Y

9. API Well No.

43-047-32504

10. Field and Pool, or Exploratory Area

8 Mile Flat North/Green River

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 Diagram
 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 is the Site Security Diagram for this well.

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

Signed Dobbie Schuman

Title Regulatory and Environmental Specialist

Date 9-20-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

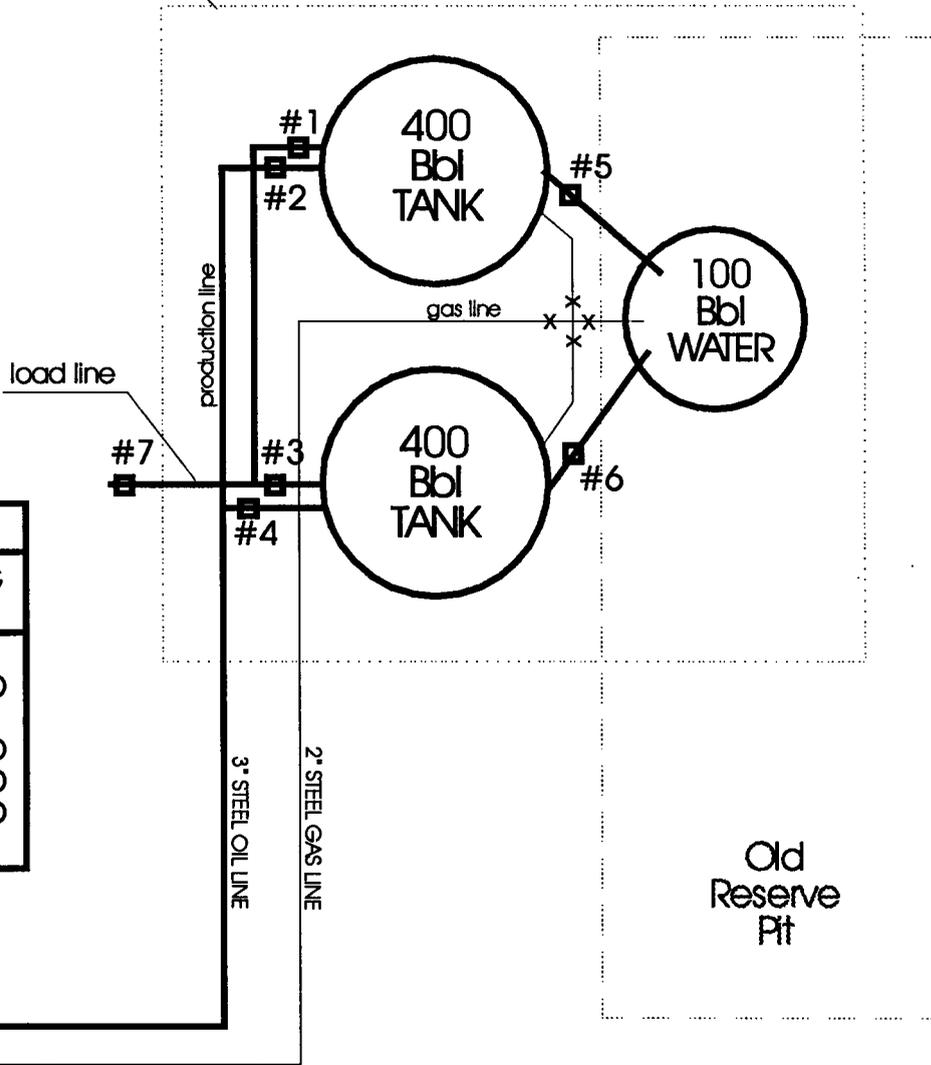
Date _____

Equitable Resources Energy Company
 Balcron Federal 41-19Y
 Production Facility Diagram

Balcron Federal 41-19Y
 NE NE Sec. 19, T9S, R18E
 Uintah County, Utah
 Federal Lease #U-65635
 660' FNL, 660' FEL



Dike



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

Old Reserve Pit

WELL HEAD

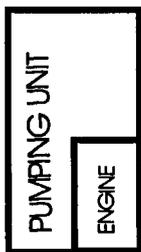


DIAGRAM NOT TO SCALE



EQUITABLE RESOURCES
 ENERGY COMPANY

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **SEP 22 1994**

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. U-05635
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division		6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860		7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE NE Section 19, T9S, R18E 660' ENL, 660' FEL		8. Well Name and No. Balcron Federal #41-19X
		9. API Well No. 43-047-32504
		10. Field and Pool, or Exploratory Area 8 Mile Flat North/Green River
		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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Onshore Order #7</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

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

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

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

Signed Dorrie Schuman Title Regulatory and Environmental Specialist Date 9-20-94

(This space for Federal or State office use)

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
(See other instructions on reverse side)
SEP 22 1994

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

CONFIDENTIAL

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

3. ADDRESS OF OPERATOR
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL, 660' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-047-32504 DATE ISSUED 5-12-94

5. LEASE DESIGNATION AND SERIAL NO. U-05635
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
 7. UNIT AGREEMENT NAME n/a
 8. FARM OR LEASE NAME Balcron Federal
 9. WELL NO. #41-19Y
 10. FIELD AND POOL, OR WILDCAT 8 Mile Flat North/Green River
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NE NE Section 19, T9S, R18E
 12. COUNTY OR PARISH Uintah 13. STATE UT

15. DATE SPUDDED 7-25-94 16. DATE T.D. REACHED 8-4-94 17. DATE COMPL. (Ready to prod.) 8-23-94 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 5129.9' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5550' 21. PLUG, BACK T.D., MD & TVD 5497.92' KB 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY → Sfc - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4784' - 4800' Green River 25. WAS DIRECTIONAL SURVEY MADE No

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4784' - 4800' Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - MSFL - DSN - CBL - GR - OCL *Mud LOG* 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	264.30'	12-1/4"	175 sxs Class "G" + additives	None
5-1/2"	15.5#	5544.04' KB	7-7/8"	365 sxs Super "G" + additives	None
				270 sxs 50-50 POL.	

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"	4887.17' KB	n/a

31. PERFORATION RECORD (Interval, size and number) 4784' - 4800' (4 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4784' - 4800'	2730 gallons 2% KCL wtr. Frac w/107,920# 16/30 mesh sand w/ 32,550 gallons 2% KCL gelled water.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
8-23-94	1-1/2" Insert Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-13-94	24	n/a	→	125	N.M.	0	n/a
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	125	N.M.	0	34	

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

35. LIST OF ATTACHMENTS

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

SIGNED Dobbie Schuman TITLE Regulatory and Environmental Specialist DATE 9-20-94

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Geological report submitted separately.		

38. GEOLOGIC MARKERS

SEP 22 1994

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Federal #41-19Y

API number: 43-047-32504

2. Well Location: QQ NE NE Section 19 Township 9S Range 18E County Uintah

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

Address: P.O. Box 21017

Billings, MT 59104

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		
2500	2700	30 to 40 gallons per minute	Not Analyzed

6. Formation tops: Geological Report submitted separately.

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

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

Date: 9-20-94

Name & Signature: Bobbie Schuman *Bobbie Schuman*

Regulatory and
Title: Environmental Specialist



**EQUITABLE RESOURCES
ENERGY COMPANY**

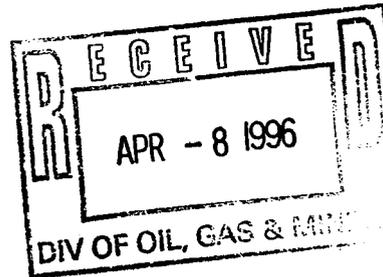
BALCRON OIL DIVISION

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
OO, Sec., T., R., M.: State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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	DP 58-FILE	✓
3	VLD (GHI) 22	✓
4	RJE	✓
5	IE	✓
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 ~~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>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: <u>047-32504</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

- See 1. (Rule R615-8-7) 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).
- 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) Scheer Ins. Co. (Bond Rider In Progress)

- See 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.
- 4/26/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

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

FILING

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

COMMENTS

9/6/04/10 Blm/BIA "Formal approval not necessary"

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ COYOTE FEDERAL 21-5 4304732260 11500 08S 25E 5	GRRV					
✓ COYOTE FEDERAL 13-5 4304732261 11500 08S 25E 5	GRRV					
✓ FEDERAL 22-10Y 4301331395 11501 09S 17E 10	GRRV					
✓ FEDERAL 41-21Y 4301331392 11505 09S 16E 21	GRRV					
✓ FEDERAL 44-14Y 4304732438 11506 09S 17E 14	GRRV					
✓ FEDERAL 21-13Y 91331400 11510 09S 16E 13	GRRV					
✓ FEDERAL 21-9Y 4301331396 11513 09S 16E 9	GRRV					
✓ FEDERAL 21-25Y 4301331394 11530 09S 16E 25	GRRV					
✓ MONUMENT FEDERAL 11-25 4304732455 11625 08S 17E 25	GRRV					
✓ ALLEN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV					
✓ BALCRON FEDERAL 41-19Y 4304732504 11651 09S 18E 19	GRRV					
✓ BALCRON MONUMENT STATE 14-2 4301331425 11656 09S 17E 2	GRRV					
✓ FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV					
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

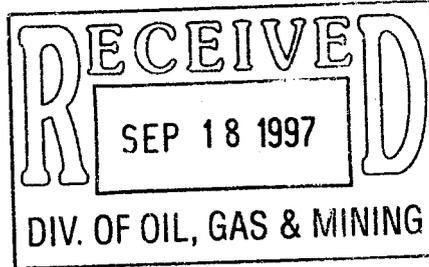
UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32348	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



ERI

Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102



43-047-32504

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

September 3, 1997

Mr. Raymond Arnold
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Dear Mr. Arnold:

RE: Eight Mile Flat /All Wells
Sections 19 and 20, T9S, R18E
Uintah County, Utah
Vented Gas Volume Calculations

In accordance with your request the gas volumes vented since start up of the Eight Mile Flat wells have been recalculated using the following criteria:

- 1) At start up of the Eight Mile Flat wells it was necessary to supplement fuel gas with propane. Therefore the vented gas to oil ratio was assumed to be zero for the first 30 days of production.
- 2) The vented gas to oil ratio from the first GOR test is applied back to the date of 30 day production due to the lack of better data.
- 3) The vented GOR is assumed to increase or decrease linearly between additional GOR tests.

Please refer to the individual daily production spreadsheets for each well and the summary of gas vented for the wells in the Eight Mile Flat Field. If there are any further questions please contact me at our Billings, Montana office (406-259-7860).

Respectfully,

John Zellitti
District Production Engineer

Attachments

cc: Utah Division of Oil, Gas and Mining



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

Summary Of Gas Vented

Eight Mile Flat Field
Sections 19 & 20, T9S, R18E
Uintah County, Utah

Well Name	Date Of First Production	Average Vented GOR (MSCF/STB)	Cum. Oil Production (STBO)	Calculated Gas Vented From Start Up Of Well (MSCF)
Balcron Federal #41-19Y	8/23/94	5.1363	33,114	46,784
Balcron Federal #31-19Y	4/21/95	2.2055	12,638	14,237
Balcron Federal #42-19Y	4/29/95	3.3734	19,865	36,135
Balcron Federal #12-20Y	5/18/95	2.4710	22,114	27,110
Monument Federal #32-19Y	6/19/95	0.3339	5,566	2,320
Balcron Federal #11-20Y	11/24/95	5.1764	15,068	70,226
Balcron Federal #22-20Y	12/7/95	0.0000	1,180	0
Monument Federal #43-19Y	4/30/96	3.1657	5,004	10,872
Total Gas Vented			114,549	207,684

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed (i.e This is a vented GOR and does not include gas used on lease).
The vented GOR is assumed to be zero for the first 30 days of production due to propane usage to suppliment fuel gas.
The vented GOR of the first gas test is applied back to the date of 30 day production and is then assumed to increase or decrease linearly between gas tests.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

Summary Of Gas Tests

Eight Mile Flat Field
 Sections 19 & 20, T9S, R18E
 Uintah County, Utah

Well Name	Date Of First Production	Date Of Gas Test	Orifice (Inches)	Casing Pressure (Psig)	Vented Gas (MSCFPD)	30 Day Average Oil Production (STBOPD)	Vented GOR (MSCF/STB)	
Balcron Federal #41-19Y	8/23/94	9/21/95	1/4	15	39	36.98	1.0546	
		12/23/96	1/8	72	37	9.18	4.0305	
		2/27/97	1/8	80	41	4.91	8.3503	
		3/22/97	1/4	19	46	6.47	7.1097	
								Average GOR:
Balcron Federal #31-19Y	4/21/95	9/20/95	1/8	35	21	21.43	0.9799	
		2/20/97	1/8	30	19	7.93	2.3960	
		3/22/97	1/8	35	21	6.48	3.2407	
								Average GOR:
Balcron Federal #42-19Y	4/29/95	9/19/95	1/4	45	80	47.32	1.6906	
		11/26/96	1/8	73	37	13.43	2.7550	
		2/19/97	1/4	25	55	10.82	5.0832	
		3/22/97	1/4	13	36	9.08	3.9648	
								Average GOR:
Balcron Federal #12-20Y	5/18/95	9/21/95	1/4	16	41	62.86	0.6522	
		11/20/96	1/8	72	37	15.79	2.3433	
		2/19/97	1/8	87	43	12.65	3.3992	
		3/21/97	1/8	82	41	11.75	3.4894	
								Average GOR:
Monument Federal #32-19Y	6/14/95	9/20/95	1/8	0	0	11.91	0.0000	
		11/27/96	1/8	8	8	5.99	1.3356	
		2/20/97	1/8	0	0	4.61	0.0000	
		3/23/97	1/8	0	0	3.55	0.0000	
								Average GOR:
Balcron Federal #11-20Y	11/24/95	11/20/96	1/8	50	90	16.94	5.3129	
		2/19/97	1/4	38	73	15.24	4.7900	
		3/21/97	1/4	36	70	12.90	5.4264	
								Average GOR:
Balcron Federal #22-20Y	12/7/95	Well is not venting gas, uses gas from the #12-22Y for fuel.						
Monument Federal #43-19Y	4/30/96	11/21/96	1/8	63	33	11.74	2.8109	
		2/20/97	1/4	12	24	8.88	2.7027	
		3/23/97	1/4	9	29	7.28	3.9835	
								Average GOR:

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed (i.e This is a vented GOR and does not include gas used on lease).
 The GOR is assumed to increase or decrease linearly between gas tests.



EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION

Payout Calculations

Eight Mile Flat Field
Gas Gathering System

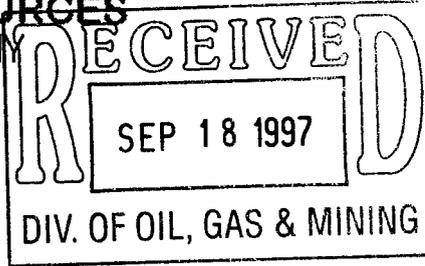
Total estimated cost of gas gathering system from Eight Mile Flat wells to EREC's Monument Butte Gas Plant = \$215,765.00

$$\begin{aligned}
 \text{Payout} &= \frac{\text{Project Cost}}{(\text{Gas Volume})(\text{Sales Price})(\text{NRI}) - \text{Operating Costs}} = \frac{\$215,765.00}{(\text{Gas Volume})((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} \\
 &= \frac{\$215,765.00}{\text{Gas Volume}((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} = \frac{\$215,765.00}{(\text{Gas Volume})((\$0.7375/\text{mscf}))} \\
 &= \frac{\$292,562.70 \text{ (mscf)}}{\text{Gas Volume (mscfpd)}}
 \end{aligned}$$

Gas Volume (mscfpd)	Payout (Days)	Payout (Years)
25	11703	32.06
50	5851	16.03
75	3901	10.69
100	2926	8.02
125	2341	6.41
150	1950	5.34
175	1672	4.58
200	1463	4.01
225	1300	3.56
250	1170	3.21
275	1064	2.91
300	975	2.67
325	900	2.47
350	836	2.29
375	780	2.14
400	731	2.00



**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION



Daily Production History

Balcron Federal #41-19Y
NE NE Sec. 19, T9S, R18E
Uintah County, Utah

Calculation Of Vented Gas

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
08/23/94	0.00	0.00			Start Well			
08/24/94	0.00	114.73		0				
08/25/94	58.37	80.12		58		0.000000	0	0
08/26/94	120.20			179		0.000000	0	0
08/27/94	118.45			297		0.000000	0	0
08/28/94	136.94			434		0.000000	0	0
08/29/94	123.51	25.02		557		0.000000	0	0
08/30/94	111.88			669		0.000000	0	0
08/31/94	105.96			775		0.000000	0	0
09/01/94	131.93			907		0.000000	0	0
09/02/94	128.15	6.67		1,035		0.000000	0	0
09/03/94	86.80			1,122		0.000000	0	0
09/04/94	118.56	11.67		1,241		0.000000	0	0
09/05/94	103.10			1,344		0.000000	0	0
09/06/94	109.80			1,454		0.000000	0	0
09/07/94	127.30	16.60		1,581		0.000000	0	0
09/08/94	91.80			1,673		0.000000	0	0
09/09/94	118.14			1,791		0.000000	0	0
09/10/94	110.19			1,901		0.000000	0	0
09/11/94	0.00			1,901	Down 24 Hrs.	0.000000	0	0
09/12/94	125.24			2,026		0.000000	0	0
09/13/94	125.64			2,152		0.000000	0	0
09/14/94	100.20	8.34		2,252		0.000000	0	0
09/15/94	113.56			2,366		0.000000	0	0
09/16/94	91.92	10.00		2,458		0.000000	0	0
09/17/94	79.50	10.00		2,537		0.000000	0	0
09/18/94	50.64			2,588	Down 12 Hrs.	0.000000	0	0
09/19/94	73.01	4.48		2,661		0.000000	0	0
09/20/94	87.95			2,749		0.000000	0	0
09/21/94	90.83			2,840		0.000000	0	0
09/22/94	113.22			2,953	30 day production	0.000000	0	0
09/23/94	53.29	19.49		3,006	Assume Gas Venting Starts.	1.054600	56	56
09/24/94	3.75		98.38	3,010		1.054600	4	60
09/25/94	104.66		97.86	3,114		1.054600	110	171
09/26/94	83.00		96.68	3,197		1.054600	88	258
09/27/94	75.00		94.62	3,272		1.054600	79	337
09/28/94	90.00		93.50	3,362		1.054600	95	432
09/29/94	75.00		92.27	3,437		1.054600	79	511
09/30/94	100.41		92.09	3,538		1.054600	106	617
10/01/94	105.75		91.21	3,644		1.054600	112	729
10/02/94	71.61	16.65	89.33	3,715		1.054600	76	804
10/03/94	73.26		88.88	3,789		1.054600	77	881
10/04/94	0.00		84.93	3,789	Down	1.054600	0	881
10/05/94	18.22		82.10	3,807		1.054600	19	901
10/06/94	103.26		81.88	3,910		1.054600	109	1009
10/07/94	169.26	6.66	83.28	4,079		1.054600	179	1188
10/08/94	36.82	10.04	81.44	4,116		1.054600	39	1227
10/09/94	162.44		82.92	4,279		1.054600	171	1398
10/10/94	155.82	36.55	84.44	4,434		1.054600	164	1562
10/11/94	92.93	36.51	87.54	4,527		1.054600	98	1660
10/12/94	121.53		87.42	4,649		1.054600	128	1789
10/13/94	136.40		87.77	4,785		1.054600	144	1932
10/14/94	91.60		87.49	4,877		1.054600	97	2029
10/15/94	43.22		85.14	4,920		1.054600	46	2075
10/16/94	113.29	10.01	85.86	5,033		1.054600	119	2194
10/17/94	139.40		87.85	5,173		1.054600	147	2341
10/18/94	118.70		90.12	5,291		1.054600	125	2466
10/19/94	136.55	18.32	92.24	5,428		1.054600	144	2610
10/20/94	71.38	13.27	91.69	5,499		1.054600	75	2686
10/21/94	103.31	6.64	92.10	5,603		1.054600	109	2795
10/22/94	88.39	3.32	91.28	5,691	60 day production	1.054600	93	2888
10/23/94	106.58	16.65	93.05	5,798		1.054600	112	3000
10/24/94	81.59		95.65	5,879		1.054600	86	3086

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
10/25/94	91.02		95.19	5,970		1.054600	96	3182
10/26/94	80.29	5.01	95.10	6,051		1.054600	85	3267
10/27/94	79.45		95.25	6,130		1.054600	84	3351
10/28/94	79.02		94.88	6,209		1.054600	83	3434
10/29/94	84.93		95.21	6,294		1.054600	90	3524
10/30/94	86.59		94.75	6,381		1.054600	91	3615
10/31/94	19.99		91.90	6,401		1.054600	21	3636
11/01/94	111.71		93.23	6,512		1.054600	118	3754
11/02/94	0.00		90.79	6,512	down	1.054600	0	3754
11/03/94	23.24		91.56	6,535		1.054600	25	3778
11/04/94	73.01		93.39	6,608		1.054600	77	3855
11/05/94	114.52		93.77	6,723		1.054600	121	3976
11/06/94	30.87		89.15	6,754		1.054600	33	4009
11/07/94	109.92		91.59	6,864		1.054600	116	4125
11/08/94	136.55		90.73	7,000		1.054600	144	4269
11/09/94	97.94		88.80	7,098		1.054600	103	4372
11/10/94	87.95		88.63	7,186		1.054600	93	4465
11/11/94	66.39		86.79	7,253		1.054600	70	4535
11/12/94	19.92	6.64	82.91	7,273		1.054600	21	4556
11/13/94	0.00		79.86	7,273		1.054600	0	4556
11/14/94	119.06	13.32	82.39	7,392		1.054600	126	4681
11/15/94	0.00		78.61	7,392		1.054600	0	4681
11/16/94	0.00		73.96	7,392		1.054600	0	4681
11/17/94	111.18		73.71	7,503		1.054600	117	4798
11/18/94	130.80		73.52	7,634		1.054600	138	4936
11/19/94	88.25		74.08	7,722		1.054600	93	5029
11/20/94	59.12		72.61	7,781		1.054600	62	5092
11/21/94	135.70		74.19	7,917	90 days Production	1.054600	143	5235
11/22/94	86.30		73.51	8,003		1.054600	91	5326
11/23/94	91.50	9.96	73.84	8,094		1.054600	96	5422
11/24/94	66.62		73.03	8,161		1.054600	70	5493
11/25/94	76.00		72.88	8,237		1.054600	80	5573
11/26/94	68.75		72.53	8,306		1.054600	73	5645
11/27/94	29.99	10.00	70.89	8,336		1.054600	32	5677
11/28/94	68.04		70.33	8,404		1.054600	72	5749
11/29/94	79.07	4.58	70.08	8,483		1.054600	83	5832
11/30/94	78.06		72.02	8,561		1.054600	82	5914
12/01/94	54.95		70.12	8,616		1.054600	58	5972
12/02/94	79.92	6.66	72.79	8,696		1.054600	84	6057
12/03/94	53.30		73.79	8,749		1.054600	56	6113
12/04/94	71.45		73.74	8,821		1.054600	75	6188
12/05/94	79.67		72.58	8,900		1.054600	84	6272
12/06/94	69.69		73.87	8,970		1.054600	73	6346
12/07/94	42.49	6.66	71.62	9,012		1.054600	45	6390
12/08/94	86.81		69.96	9,099		1.054600	92	6482
12/09/94	66.61		68.92	9,166		1.054600	70	6552
12/10/94	79.93		68.65	9,246		1.054600	84	6637
12/11/94	59.95		68.44	9,306		1.054600	63	6700
12/12/94	61.48	6.01	69.82	9,367		1.054600	65	6765
12/13/94	68.03		72.09	9,435		1.054600	72	6836
12/14/94	66.38		70.33	9,502		1.054600	70	6906
12/15/94	46.47		71.88	9,548		1.054600	49	6955
12/16/94	86.63		74.77	9,635		1.054600	91	7047
12/17/94	54.95		72.90	9,690		1.054600	58	7105
12/18/94	63.27		70.65	9,753		1.054600	67	7171
12/19/94	43.71		69.16	9,797		1.054600	46	7218
12/20/94	79.84		69.85	9,876		1.054600	84	7302
12/21/94	63.09		67.43	9,940		1.054600	67	7368
12/22/94	68.04		66.82	10,008		1.054600	72	7440
12/23/94	62.97		65.87	10,071		1.054600	66	7506
12/24/94	61.94		65.72	10,133		1.054600	65	7572
12/25/94	73.28		65.63	10,206		1.054600	77	7649
12/26/94	59.94		65.33	10,266		1.054600	63	7712
12/27/94	69.94		66.66	10,336		1.054600	74	7786
12/28/94	47.04	5.00	65.96	10,383		1.054600	50	7836
12/29/94	60.22		65.34	10,443		1.054600	64	7899
12/30/94	57.64		64.65	10,501		1.054600	61	7960
12/31/94	41.48		64.21	10,542		1.054600	44	8004
01/01/95	70.95		63.91	10,613		1.054600	75	8078
01/02/95	25.87		62.99	10,639		1.054600	27	8106
01/03/95	86.60		63.50	10,725		1.054600	91	8197
01/04/95	63.28		62.95	10,789		1.054600	67	8264
01/05/95	61.61		62.68	10,850		1.054600	65	8329
01/06/95	48.30		62.88	10,899		1.054600	51	8380
01/07/95	54.01		61.78	10,953		1.054600	57	8437
01/08/95	41.51		60.95	10,994		1.054600	44	8480
01/09/95	75.78		60.81	11,070		1.054600	80	8560
01/10/95	64.02		60.94	11,134		1.054600	68	8628

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
01/11/95	47.42	21.58	60.47	11,181		1.054600	50	8678
01/12/95	65.73		60.40	11,247		1.054600	69	8747
01/13/95	67.73		60.44	11,315		1.054600	71	8819
01/14/95	58.82		60.85	11,374		1.054600	62	8881
01/15/95	53.29		59.74	11,427		1.054600	56	8937
01/16/95	61.63		59.97	11,489		1.054600	65	9002
01/17/95	51.09		59.56	11,540		1.054600	54	9056
01/18/95	54.78		59.93	11,594		1.054600	58	9114
01/19/95	58.08		59.20	11,653		1.054600	61	9175
01/20/95	53.10		58.87	11,706		1.054600	56	9231
01/21/95	51.45		58.32	11,757		1.054600	54	9285
01/22/95	13.65		56.67	11,771		1.054600	14	9299
01/23/95	78.29		57.22	11,849		1.054600	83	9382
01/24/95	69.93		57.11	11,919		1.054600	74	9456
01/25/95	58.28		57.05	11,977		1.054600	61	9517
01/26/95	51.63		56.44	12,029		1.054600	54	9572
01/27/95	54.83		56.70	12,084		1.054600	58	9629
01/28/95	59.74		56.68	12,143		1.054600	63	9692
01/29/95	50.62		56.45	12,194		1.054600	53	9746
01/30/95	56.42		56.95	12,251		1.054600	60	9805
01/31/95	51.45		56.30	12,302		1.054600	54	9860
02/01/95	64.59		57.59	12,367		1.054600	68	9928
02/02/95	41.63		56.09	12,408		1.054600	44	9972
02/03/95	84.09		56.78	12,492		1.054600	89	10060
02/04/95	73.27		57.17	12,566		1.054600	77	10138
02/05/95	14.99	13.33	56.06	12,581		1.054600	16	10153
02/06/95	54.80		56.09	12,635		1.054600	58	10211
02/07/95	63.08		56.81	12,698		1.054600	67	10278
02/08/95	71.35		56.66	12,770		1.054600	75	10353
02/09/95	35.77		55.72	12,806		1.054600	38	10391
02/10/95	60.49		56.15	12,866		1.054600	64	10454
02/11/95	48.30		55.57	12,914		1.054600	51	10505
02/12/95	54.95		55.15	12,969		1.054600	58	10563
02/13/95	54.95		55.02	13,024		1.054600	58	10621
02/14/95	51.62		54.96	13,076		1.054600	54	10676
02/15/95	26.67		53.80	13,103		1.054600	28	10704
02/16/95	52.31		53.84	13,155		1.054600	55	10759
02/17/95	34.79	19.89	53.17	13,190		1.054600	37	10796
02/18/95	54.96		53.07	13,245		1.054600	58	10854
02/19/95	66.38		53.51	13,311		1.054600	70	10924
02/20/95	19.91		52.46	13,331		1.054600	21	10945
02/21/95	0.00		52.00	13,331	down	1.054600	0	10945
02/22/95	0.00		49.39	13,331	clutch	1.054600	0	10945
02/23/95	0.00		47.06	13,331		1.054600	0	10945
02/24/95	0.00		45.12	13,331		1.054600	0	10945
02/25/95	64.30	21.58	45.54	13,395		1.054600	68	11013
02/26/95	78.01	13.28	46.31	13,473		1.054600	82	11095
02/27/95	145.09		49.16	13,618		1.054600	153	11248
02/28/95	133.01		51.91	13,751		1.054600	140	11388
03/01/95	79.71		52.68	13,831		1.054600	84	11472
03/02/95	68.03		53.24	13,899		1.054600	72	11544
03/03/95	58.90		53.05	13,958		1.054600	62	11606
03/04/95	59.75		53.65	14,018		1.054600	63	11669
03/05/95	60.38		52.86	14,078		1.054600	64	11733
03/06/95	58.28		52.36	14,136		1.054600	61	11794
03/07/95	19.99		52.53	14,156		1.054600	21	11815
03/08/95	37.80		51.96	14,194		1.054600	40	11855
03/09/95	59.78		51.85	14,254		1.054600	63	11918
03/10/95	9.95		49.80	14,264		1.054600	10	11929
03/11/95	43.15		50.05	14,307		1.054600	46	11974
03/12/95	82.23	19.99	50.77	14,389		1.054600	87	12061
03/13/95	35.69	23.23	50.35	14,425		1.054600	38	12098
03/14/95	64.39		50.67	14,489		1.054600	68	12166
03/15/95	59.96	6.66	50.83	14,549		1.054600	63	12230
03/16/95	51.07		50.82	14,600		1.054600	54	12283
03/17/95	49.78		51.59	14,650		1.054600	52	12336
03/18/95	0.00		49.84	14,650		1.054600	0	12336
03/19/95	79.65	9.96	51.34	14,730		1.054600	84	12420
03/20/95	54.77		51.33	14,785		1.054600	58	12478
03/21/95	99.52		52.44	14,884		1.054600	105	12583
03/22/95	24.97		52.61	14,909		1.054600	26	12609
03/23/95	43.30		54.05	14,952		1.054600	46	12655
03/24/95	53.28		55.82	15,006		1.054600	56	12711
03/25/95	48.30		57.43	15,054		1.054600	51	12762
03/26/95	25.34	11.66	58.28	15,079		1.054600	27	12789
03/27/95	59.78		58.13	15,139		1.054600	63	12852
03/28/95	49.78		57.19	15,189		1.054600	52	12904
03/29/95	48.12		53.96	15,237		1.054600	51	12955

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
03/30/95	59.36		51.50	15,296		1.054600	63	13017
03/31/95	44.81		50.34	15,341		1.054600	47	13065
04/01/95	46.26		49.61	15,387		1.054600	49	13113
04/02/95	47.47		49.23	15,435		1.054600	50	13164
04/03/95	48.29		48.85	15,483		1.054600	51	13214
04/04/95	46.62		48.39	15,530		1.054600	49	13264
04/05/95	46.62		48.00	15,576		1.054600	49	13313
04/06/95	0.00		47.33	15,576	PBU Test	1.054600	0	13313
04/07/95	0.00		46.07	15,576		1.054600	0	13313
04/08/95	0.00		44.08	15,576		1.054600	0	13313
04/09/95	0.00		43.75	15,576		1.054600	0	13313
04/10/95	0.00		42.31	15,576		1.054600	0	13313
04/11/95	0.00		39.57	15,576		1.054600	0	13313
04/12/95	0.00		38.38	15,576		1.054600	0	13313
04/13/95	0.00		36.24	15,576		1.054600	0	13313
04/14/95	108.73		37.86	15,685		1.054600	115	13427
04/15/95	93.25		39.27	15,778		1.054600	98	13526
04/16/95	66.61		39.83	15,845		1.054600	70	13596
04/17/95	73.92		42.29	15,919		1.054600	78	13674
04/18/95	53.10		41.41	15,972		1.054600	56	13730
04/19/95	56.43		41.46	16,028		1.054600	60	13790
04/20/95	46.47		39.69	16,075		1.054600	49	13839
04/21/95	33.19	13.28	39.97	16,108		1.054600	35	13874
04/22/95	52.52		40.28	16,161		1.054600	55	13929
04/23/95	44.97		40.00	16,206		1.054600	47	13976
04/24/95	49.96		40.05	16,256		1.054600	53	14029
04/25/95	48.28		40.82	16,304		1.054600	51	14080
04/26/95	51.63		40.55	16,355		1.054600	54	14134
04/27/95	36.64	18.32	40.11	16,392		1.054600	39	14173
04/28/95	50.03		40.17	16,442		1.054600	53	14226
04/29/95	56.04		40.06	16,498		1.054600	59	14285
04/30/95	53.10		40.34	16,551		1.054600	56	14341
05/01/95	44.80		40.29	16,596		1.054600	47	14388
05/02/95	53.10		40.48	16,649		1.054600	56	14444
05/03/95	43.16	6.64	40.31	16,692		1.054600	46	14490
05/04/95	57.88		40.68	16,750		1.054600	61	14551
05/05/95	43.30		40.57	16,793		1.054600	46	14596
05/06/95	49.96		42.24	16,843		1.054600	53	14649
05/07/95	46.62		43.79	16,890		1.054600	49	14698
05/08/95	53.19		45.56	16,943		1.054600	56	14754
05/09/95	44.97		47.06	16,988		1.054600	47	14802
05/10/95	56.57		48.95	17,045		1.054600	60	14861
05/11/95	54.76		50.77	17,100		1.054600	58	14919
05/12/95	49.79		52.43	17,149		1.054600	53	14972
05/13/95	46.46		53.98	17,196		1.054600	49	15021
05/14/95	49.79		52.02	17,246		1.054600	53	15073
05/15/95	49.12		50.55	17,295		1.054600	52	15125
05/16/95	48.30		49.94	17,343		1.054600	51	15176
05/17/95	48.29		49.08	17,391		1.054600	51	15227
05/18/95	49.95		48.98	17,441		1.054600	53	15280
05/19/95	51.63		48.82	17,493		1.054600	54	15334
05/20/95	43.61		48.72	17,536		1.054600	46	15380
05/21/95	34.04		48.75	17,571		1.054600	36	15416
05/22/95	61.40		49.04	17,632		1.054600	65	15481
05/23/95	49.78		49.21	17,682		1.054600	52	15533
05/24/95	34.85		48.70	17,717		1.054600	37	15570
05/25/95	43.15		48.53	17,760		1.054600	46	15615
05/26/95	52.50		48.56	17,812		1.054600	55	15671
05/27/95	19.99		48.00	17,832		1.054600	21	15692
05/28/95	69.94		48.67	17,902		1.054600	74	15766
05/29/95	49.53		48.45	17,952		1.054600	52	15818
05/30/95	51.62		48.40	18,003		1.054600	54	15872
05/31/95	27.32	13.28	47.82	18,031		1.054600	29	15901
06/01/95	46.53		47.60	18,077		1.054600	49	15950
06/02/95	42.92		47.59	18,120		1.054600	45	15995
06/03/95	41.49		47.05	18,162		1.054600	44	16039
06/04/95	43.14		47.04	18,205		1.054600	45	16085
06/05/95	43.14		46.81	18,248		1.054600	45	16130
06/06/95	48.13		46.86	18,296		1.054600	51	16181
06/07/95	37.11		46.33	18,333		1.054600	39	16220
06/08/95	41.64		46.22	18,375		1.054600	44	16264
06/09/95	49.96		46.00	18,425		1.054600	53	16317
06/10/95	41.63		45.56	18,466		1.054600	44	16361
06/11/95	26.64		44.79	18,493		1.054600	28	16389
06/12/95	62.44		45.32	18,555		1.054600	66	16454
06/13/95	0.00		43.66	18,555	Hot Oil	1.054600	0	16454
06/14/95	49.97		43.69	18,605		1.054600	53	16507
06/15/95	63.89		44.21	18,669		1.054600	67	16575

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
06/16/95	43.26		44.04	18,712		1.054600	46	16620
06/17/95	51.44		44.09	18,764		1.054600	54	16674
06/18/95	49.78		44.03	18,814		1.054600	52	16727
06/19/95	38.17		43.85	18,852		1.054600	40	16767
06/20/95	44.81		44.21	18,897		1.054600	47	16814
06/21/95	15.40		42.67	18,912		1.054600	16	16831
06/22/95	53.30		42.79	18,965		1.054600	56	16887
06/23/95	44.96		43.13	19,010		1.054600	47	16934
06/24/95	43.67		43.14	19,054		1.054600	46	16980
06/25/95	38.50		42.68	19,093		1.054600	41	17021
06/26/95	26.65		42.90	19,119		1.054600	28	17049
06/27/95	38.88		41.86	19,158		1.054600	41	17090
06/28/95	61.45		42.26	19,219		1.054600	65	17155
06/29/95	39.83		41.87	19,259		1.054600	42	17197
06/30/95	35.92		42.16	19,295		1.054600	38	17235
07/01/95	45.61		42.12	19,341		1.054600	48	17283
07/02/95	37.37		41.94	19,378		1.054600	39	17322
07/03/95	51.45		42.27	19,430		1.054600	54	17377
07/04/95	37.08		42.07	19,467		1.054600	39	17416
07/05/95	13.33		41.08	19,480		1.054600	14	17430
07/06/95	63.28		41.58	19,543		1.054600	67	17496
07/07/95	61.61		42.40	19,605		1.054600	65	17561
07/08/95	44.55		42.49	19,650		1.054600	47	17608
07/09/95	31.64	10.00	41.88	19,681		1.054600	33	17642
07/10/95	44.48	3.33	41.98	19,726		1.054600	47	17689
07/11/95	41.57		42.48	19,767		1.054600	44	17732
07/12/95	45.25		41.90	19,812		1.054600	48	17780
07/13/95	44.81		43.40	19,857		1.054600	47	17827
07/14/95	36.50		42.95	19,894		1.054600	38	17866
07/15/95	36.51		42.04	19,930		1.054600	39	17904
07/16/95	48.13		42.20	19,978		1.054600	51	17955
07/17/95	31.53	3.32	41.53	20,010		1.054600	33	17988
07/18/95	44.97		41.37	20,055		1.054600	47	18036
07/19/95	41.63		41.49	20,097		1.054600	44	18080
07/20/95	43.30		41.44	20,140		1.054600	46	18125
07/21/95	38.29		42.20	20,178		1.054600	40	18166
07/22/95	41.64		41.81	20,220		1.054600	44	18210
07/23/95	33.31		41.42	20,253		1.054600	35	18245
07/24/95	42.38		41.38	20,295		1.054600	45	18290
07/25/95	36.54		41.32	20,332		1.054600	39	18328
07/26/95	39.83		41.76	20,372		1.054600	42	18370
07/27/95	41.48		41.84	20,413		1.054600	44	18414
07/28/95	45.24		41.30	20,459		1.054600	48	18462
07/29/95	33.19		41.08	20,492		1.054600	35	18497
07/30/95	21.57		40.60	20,513		1.054600	23	18519
07/31/95	51.88		40.81	20,565		1.054600	55	18574
08/01/95	24.98		40.40	20,590		1.054600	26	18600
08/02/95	39.96		40.02	20,630		1.054600	42	18643
08/03/95	41.63		40.17	20,672		1.054600	44	18686
08/04/95	49.95		41.39	20,722		1.054600	53	18739
08/05/95	0.00	36.64	39.28	20,722		1.054600	0	18739
08/06/95	42.05		38.63	20,764		1.054600	44	18783
08/07/95	39.08		38.44	20,803		1.054600	41	18825
08/08/95	33.21		38.50	20,836		1.054600	35	18860
08/09/95	49.80		38.67	20,886		1.054600	53	18912
08/10/95	38.17		38.56	20,924		1.054600	40	18952
08/11/95	0.00		37.05	20,924		1.054600	0	18952
08/12/95	58.07		37.49	20,982		1.054600	61	19014
08/13/95	39.83		37.61	21,022		1.054600	42	19056
08/14/95	41.27		37.76	21,063		1.054600	44	19099
08/15/95	39.12		37.46	21,102		1.054600	41	19140
08/16/95	43.30		37.86	21,146		1.054600	46	19186
08/17/95	38.30		37.63	21,184		1.054600	40	19227
08/18/95	24.97		37.08	21,209		1.054600	26	19253
08/19/95	0.00		35.63	21,209	down clutch	1.054600	0	19253
08/20/95	74.94	8.33	36.86	21,284		1.054600	79	19332
08/21/95	10.80		35.83	21,295		1.054600	11	19343
08/22/95	69.72		37.04	21,364		1.054600	74	19417
08/23/95	41.48		37.01	21,406		1.054600	44	19461
08/24/95	40.65		37.15	21,446		1.054600	43	19503
08/25/95	36.51		37.04	21,483		1.054600	39	19542
08/26/95	31.53	8.30	36.71	21,515		1.054600	33	19575
08/27/95	44.56		36.68	21,559		1.054600	47	19622
08/28/95	39.90		36.91	21,599		1.054600	42	19664
08/29/95	21.65		36.91	21,621		1.054600	23	19687
08/30/95	49.95		36.85	21,671		1.054600	53	19740
08/31/95	41.63		37.40	21,712		1.054600	44	19784
09/01/95	33.31	14.99	37.18	21,746		1.054600	35	19819

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
09/02/95	36.35		37.00	21,782		1.054600	38	19857
09/03/95	34.88		36.50	21,817		1.054600	37	19894
09/04/95	46.07		38.04	21,863		1.054600	49	19943
09/05/95	39.82		37.96	21,903		1.054600	42	19985
09/06/95	36.51		37.88	21,939		1.054600	39	20023
09/07/95	34.85		37.93	21,974		1.054600	37	20060
09/08/95	33.19		37.38	22,007		1.054600	35	20095
09/09/95	0.00		36.11	22,007		1.054600	0	20095
09/10/95	54.59		37.93	22,062		1.054600	58	20152
09/11/95	39.98		37.32	22,102		1.054600	42	20194
09/12/95	44.95		37.49	22,147		1.054600	47	20242
09/13/95	39.97		37.45	22,187		1.054600	42	20284
09/14/95	32.51		37.23	22,219	r-60.00	1.054600	34	20318
09/15/95	34.97	5.00	36.95	22,254		1.054600	37	20355
09/16/95	49.03		37.31	22,303		1.054600	52	20407
09/17/95	33.22		37.58	22,336		1.054600	35	20442
09/18/95	36.51		38.80	22,373		1.054600	39	20480
09/19/95	37.75		37.56	22,411		1.054600	40	20520
09/20/95	10.62		37.56	22,421		1.054600	11	20531
09/21/95	52.43		36.98	22,474	Gas Tested @ 39 MSCFPD	1.054600	55	20587
09/22/95	31.54	9.95	36.65	22,505	GOR @ 1.0546 MSCFG/STBO	1.061083	33	20620
09/23/95	33.19		36.40	22,538		1.067567	35	20656
09/24/95	30.87		36.21	22,569		1.074050	33	20689
09/25/95	38.31		36.44	22,608		1.080534	41	20730
09/26/95	27.48		35.87	22,635		1.087017	30	20760
09/27/95	8.32		34.82	22,643		1.093501	9	20769
09/28/95	8.33		34.37	22,652		1.099984	9	20778
09/29/95	0.00		32.71	22,652		1.106468	0	20778
09/30/95	78.26		33.93	22,730		1.112951	87	20865
10/01/95	46.62	10.00	34.37	22,777		1.119434	52	20918
10/02/95	56.63		35.05	22,833		1.125918	64	20981
10/03/95	39.47		35.20	22,873		1.132401	45	21026
10/04/95	53.14		35.44	22,926		1.138885	61	21087
10/05/95	44.80		35.60	22,971		1.145368	51	21138
10/06/95	14.94		34.88	22,986		1.151852	17	21155
10/07/95	16.59		34.27	23,002		1.158335	19	21174
10/08/95	36.51		34.38	23,039		1.164819	43	21217
10/09/95	18.25	3.33	34.99	23,057		1.171302	21	21238
10/10/95	36.92		34.40	23,094	r-60	1.177785	43	21282
10/11/95	36.22		34.28	23,130		1.184269	43	21325
10/12/95	0.00		32.78	23,130	down clutch	1.190752	0	21325
10/13/95	0.00		31.45	23,130	start	1.197236	0	21325
10/14/95	75.98		32.90	23,206		1.203719	91	21416
10/15/95	43.30		33.17	23,249		1.210203	52	21468
10/16/95	43.29		32.98	23,293		1.216686	53	21521
10/17/95	34.97		33.04	23,328		1.223169	43	21564
10/18/95	26.65	3.33	32.71	23,354		1.229653	33	21597
10/19/95	44.89		32.95	23,399		1.236136	55	21652
10/20/95	26.97		33.50	23,426		1.242620	34	21686
10/21/95	31.55		32.80	23,458		1.249103	39	21725
10/22/95	39.82		33.08	23,498		1.255587	50	21775
10/23/95	34.85		33.13	23,532		1.262070	44	21819
10/24/95	33.18		33.21	23,566		1.268554	42	21861
10/25/95	29.15		32.90	23,595		1.275037	37	21898
10/26/95	33.31	3.33	33.10	23,628		1.281520	43	21941
10/27/95	35.44		34.00	23,663		1.288004	46	21987
10/28/95	33.31		34.83	23,697		1.294487	43	22030
10/29/95	31.64		35.89	23,728		1.300971	41	22071
10/30/95	29.97		34.28	23,758		1.307454	39	22110
10/31/95	28.92		33.69	23,787		1.313938	38	22148
11/01/95	36.63		33.02	23,824		1.320421	48	22197
11/02/95	29.97		32.71	23,854		1.326905	40	22236
11/03/95	19.99		31.60	23,874	down gas	1.333388	27	22263
11/04/95	16.65		30.66	23,891	r-75.00	1.339871	22	22285
11/05/95	40.15		31.50	23,931		1.346355	54	22339
11/06/95	46.24		32.49	23,977		1.352838	63	22402
11/07/95	38.17		32.55	24,015		1.359322	52	22454
11/08/95	39.82		33.27	24,055		1.365805	54	22508
11/09/95	31.53		33.09	24,086		1.372289	43	22551
11/10/95	33.19		32.98	24,120		1.378772	46	22597
11/11/95	31.53		34.04	24,151		1.385256	44	22641
11/12/95	29.88	4.98	35.03	24,181		1.391739	42	22682
11/13/95	37.94		33.76	24,219		1.398222	53	22735
11/14/95	38.31		33.60	24,257		1.404706	54	22789
11/15/95	29.97		33.15	24,287		1.411189	42	22832
11/16/95	33.30		33.10	24,321		1.417673	47	22879
11/17/95	28.31		33.15	24,349		1.424156	40	22919
11/18/95	28.31		32.60	24,377		1.430640	41	22960

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
11/19/95	29.98		32.70	24,407		1.437123	43	23003
11/20/95	28.31		32.59	24,435		1.443607	41	23044
11/21/95	26.65	1.67	32.15	24,462		1.450090	39	23082
11/22/95	34.04		32.13	24,496		1.456573	50	23132
11/23/95	26.58		31.91	24,523		1.463057	39	23171
11/24/95	33.19		32.04	24,556		1.469540	49	23219
11/25/95	36.51		32.15	24,592		1.476024	54	23273
11/26/95	26.55		31.85	24,619		1.482507	39	23313
11/27/95	28.87		31.70	24,648		1.488991	43	23356
11/28/95	34.86		31.81	24,683		1.495474	52	23408
11/29/95	26.55	6.64	31.70	24,709		1.501958	40	23448
11/30/95	43.72		32.19	24,753		1.508441	66	23514
12/01/95	19.99		31.64	24,773		1.514924	30	23544
12/02/95	36.21		31.84	24,809		1.521408	55	23599
12/03/95	24.97		32.01	24,834		1.527891	38	23637
12/04/95	28.31		32.40	24,862		1.534375	43	23681
12/05/95	31.64		32.11	24,894		1.540858	49	23729
12/06/95	26.64		31.46	24,921		1.547342	41	23771
12/07/95	33.31		31.30	24,954	r-59.94	1.553825	52	23822
12/08/95	39.97		31.30	24,994		1.560308	62	23885
12/09/95	36.18		31.46	25,030		1.566792	57	23941
12/10/95	33.21		31.46	25,063		1.573275	52	23994
12/11/95	36.53	1.66	31.63	25,100		1.579759	58	24051
12/12/95	34.84		31.79	25,135		1.586242	55	24107
12/13/95	32.36		31.61	25,167		1.592726	52	24158
12/14/95	26.55	6.64	31.21	25,194		1.599209	42	24201
12/15/95	33.19		31.32	25,227		1.605693	53	24254
12/16/95	34.85		31.37	25,262		1.612176	56	24310
12/17/95	24.90	8.30	31.26	25,287		1.618659	40	24350
12/18/95	31.23		31.36	25,318		1.625143	51	24401
12/19/95	29.14		31.33	25,347		1.631626	48	24449
12/20/95	33.31		31.50	25,380		1.638110	55	24503
12/21/95	34.97		31.77	25,415		1.644593	58	24561
12/22/95	26.64	5.00	31.53	25,442		1.651077	44	24605
12/23/95	29.97		31.64	25,472		1.657560	50	24654
12/24/95	29.98		31.53	25,502		1.664044	50	24704
12/25/95	29.98		31.31	25,532		1.670527	50	24754
12/26/95	29.98		31.43	25,562		1.677010	50	24805
12/27/95	32.80	6.67	31.56	25,595		1.683494	55	24860
12/28/95	28.65		31.35	25,623		1.689977	48	24908
12/29/95	29.89		31.46	25,653		1.696461	51	24959
12/30/95	31.57		31.06	25,685		1.702944	54	25013
12/31/95	28.20		31.33	25,713		1.709428	48	25061
01/01/96	31.53		31.18	25,744		1.715911	54	25115
01/02/96	28.21		31.28	25,773		1.722395	49	25164
01/03/96	29.88		31.34	25,803		1.728878	52	25215
01/04/96	26.55		31.17	25,829	r-59.95	1.735361	46	25261
01/05/96	36.65	8.30	31.50	25,866		1.741845	64	25325
01/06/96	28.31		31.33	25,894		1.748328	49	25375
01/07/96	34.98		31.17	25,929		1.754812	61	25436
01/08/96	25.80		30.82	25,955	sold tank - 278.86 bbls	1.761295	45	25482
01/09/96	29.98		30.71	25,985		1.767779	53	25535
01/10/96	31.63		30.55	26,016		1.774262	56	25591
01/11/96	29.97	3.34	30.39	26,046		1.780746	53	25644
01/12/96	26.65		30.20	26,073		1.787229	48	25692
01/13/96	31.33		30.36	26,104		1.793712	56	25748
01/14/96	28.31		30.19	26,133		1.800196	51	25799
01/15/96	27.41	6.66	29.95	26,160		1.806679	50	25848
01/16/96	36.54		30.33	26,197	sold tank 278.11 bbls	1.813163	66	25915
01/17/96	29.89		30.29	26,227		1.819646	54	25969
01/18/96	29.87		30.31	26,256		1.826130	55	26024
01/19/96	31.52		30.25	26,288		1.832613	58	26081
01/20/96	33.19		30.20	26,321		1.839097	61	26142
01/21/96	26.55		30.19	26,348		1.845580	49	26191
01/22/96	29.88		30.19	26,378		1.852063	55	26247
01/23/96	33.19		30.30	26,411		1.858547	62	26308
01/24/96	18.32	9.96	29.91	26,429		1.865030	34	26343
01/25/96	29.98		29.91	26,459		1.871514	56	26399
01/26/96	29.98		29.81	26,489		1.877997	56	26455
01/27/96	43.29		30.30	26,532		1.884481	82	26537
01/28/96	16.66		29.86	26,549		1.890964	32	26568
01/29/96	29.97		29.81	26,579		1.897447	57	26625
01/30/96	28.31		29.81	26,607		1.903931	54	26679
01/31/96	29.97		29.76	26,637		1.910414	57	26736
02/01/96	29.98		29.82	26,667		1.916898	57	26794
02/02/96	0.00		28.82	26,667	r-38.30	1.923381	0	26794
02/03/96	0.00		27.94	26,667	down oil filter	1.929865	0	26794
02/04/96	0.00		26.72	26,667	sold 275.14bbls	1.936348	0	26794

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
02/05/96	0.00		25.77	26,667		1.942832	0	26794
02/06/96	0.00		24.61	26,667		1.949315	0	26794
02/07/96	56.64		25.63	26,724	r-21.65	1.955798	111	26904
02/08/96	94.26	10.00	27.78	26,818		1.962282	185	27089
02/09/96	43.46		28.17	26,862		1.968765	86	27175
02/10/96	36.51		28.39	26,898		1.975249	72	27247
02/11/96	36.92		28.73	26,935		1.981732	73	27320
02/12/96	34.85		28.85	26,970		1.988216	69	27389
02/13/96	33.20		29.01	27,003		1.994699	66	27456
02/14/96	31.21	4.98	29.14	27,034		2.001183	62	27518
02/15/96	32.48		29.00	27,067		2.007666	65	27583
02/16/96	31.63		29.06	27,098		2.014149	64	27647
02/17/96	33.31		29.18	27,132		2.020633	67	27714
02/18/96	29.97		29.12	27,162		2.027116	61	27775
02/19/96	28.31		28.96	27,190		2.033600	58	27833
02/20/96	29.97		29.08	27,220		2.040083	61	27894
02/21/96	28.32		29.02	27,248		2.046567	58	27952
02/22/96	24.98	3.33	28.75	27,273		2.053050	51	28003
02/23/96	29.90		29.14	27,303		2.059534	62	28065
02/24/96	31.55		29.19	27,335		2.066017	65	28130
02/25/96	24.84		29.02	27,360		2.072500	51	28181
02/26/96	29.87		28.57	27,389		2.078984	62	28243
02/27/96	23.23		28.79	27,413		2.085467	48	28292
02/28/96	29.87		28.78	27,443		2.091951	62	28354
02/29/96	29.87		28.84	27,472		2.098434	63	28417
03/01/96	24.90		28.67	27,497		2.104918	52	28469
03/02/96	35.68		28.86	27,533		2.111401	75	28545
03/03/96	19.15	11.62	29.50	27,552		2.117885	41	28585
03/04/96	31.64		30.55	27,584		2.124368	67	28653
03/05/96	29.97		31.55	27,614	r-59.95	2.130851	64	28716
03/06/96	34.96		32.72	27,649		2.137335	75	28791
03/07/96	34.14		33.85	27,683		2.143818	73	28864
03/08/96	28.31		32.91	27,711		2.150302	61	28925
03/09/96	31.65		30.82	27,743		2.156785	68	28993
03/10/96	31.56	9.99	30.43	27,774		2.163269	68	29062
03/11/96	23.25		29.98	27,798		2.169752	50	29112
03/12/96	28.23		29.69	27,826		2.176236	61	29174
03/13/96	26.55		29.42	27,852		2.182719	58	29232
03/14/96	26.55		29.20	27,879		2.189202	58	29290
03/15/96	29.05		29.12	27,908		2.195686	64	29353
03/16/96	24.19		28.85	27,932		2.202169	53	29407
03/17/96	33.19		28.90	27,965		2.208653	73	29480
03/18/96	23.23		28.56	27,989		2.215136	51	29531
03/19/96	24.90		28.39	28,013		2.221620	55	29587
03/20/96	19.34	11.62	28.09	28,033		2.228103	43	29630
03/21/96	28.32		28.04	28,061		2.234586	63	29693
03/22/96	24.98		27.93	28,086		2.241070	56	29749
03/23/96	0.00		27.10	28,086	down bad gearbox	2.247553	0	29749
03/24/96	1.25		26.14	28,087	down bad gearbox	2.254037	3	29752
03/25/96	0.00		25.09	28,087	down bad gearbox	2.260520	0	29752
03/26/96	0.00		24.26	28,087	down bad gearbox	2.267004	0	29752
03/27/96	0.00		23.27	28,087	down bad gearbox	2.273487	0	29752
03/28/96	0.00		22.49	28,087	down bad gearbox	2.279971	0	29752
03/29/96	0.00		21.50	28,087	down bad gearbox	2.286454	0	29752
03/30/96	63.28		22.61	28,151		2.292937	145	29897
03/31/96	71.60		24.17	28,222		2.299421	165	30062
04/01/96	41.63		24.36	28,264		2.305904	96	30158
04/02/96	0.00		23.73	28,264	r-29.97	2.312388	0	30158
04/03/96	18.32		23.28	28,282	r-29.98	2.318871	42	30200
04/04/96	67.71		24.54	28,350		2.325355	157	30358
04/05/96	34.87		24.54	28,385		2.331838	81	30439
04/06/96	59.32		25.38	28,444		2.338322	139	30578
04/07/96	6.64		24.65	28,451		2.344805	16	30593
04/08/96	28.21		24.54	28,479		2.351288	66	30660
04/09/96	26.55		24.37	28,506		2.357772	63	30722
04/10/96	23.24		24.37	28,529		2.364255	55	30777
04/11/96	28.21		24.37	28,557		2.370739	67	30844
04/12/96	16.67	9.96	24.04	28,574		2.377222	40	30884
04/13/96	29.56		24.14	28,603		2.383706	70	30954
04/14/96	23.32		23.95	28,627		2.390189	56	31010
04/15/96	28.31		24.09	28,655		2.396673	68	31078
04/16/96	21.65		23.70	28,676		2.403156	52	31130
04/17/96	30.37		23.94	28,707		2.409639	73	31203
04/18/96	24.97		23.94	28,732		2.416123	60	31263
04/19/96	24.98		24.13	28,757		2.422606	61	31324
04/20/96	21.65		23.91	28,778		2.429090	53	31376
04/21/96	24.97		23.91	28,803		2.435573	61	31437
04/22/96	21.66		24.63	28,825		2.442057	53	31490

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
04/23/96	21.65		25.31	28,847		2.448540	53	31543
04/24/96	19.51	8.33	25.96	28,866		2.455024	48	31591
04/25/96	21.59		26.68	28,888		2.461507	53	31644
04/26/96	19.93		27.35	28,908		2.467990	49	31693
04/27/96	23.23		28.12	28,931		2.474474	57	31751
04/28/96	26.15		28.99	28,957		2.480957	65	31816
04/29/96	24.89		27.71	28,982		2.487441	62	31878
04/30/96	21.58		26.04	29,004		2.493924	54	31931
05/01/96	24.89		25.49	29,028		2.500408	62	31994
05/02/96	21.57		26.21	29,050		2.506891	54	32048
05/03/96	23.24		26.37	29,073		2.513375	58	32106
05/04/96	21.57		24.83	29,095		2.519858	54	32160
05/05/96	19.92		24.33	29,115		2.526341	50	32211
05/06/96	19.57	3.33	23.01	29,134		2.532825	50	32260
05/07/96	23.32		23.56	29,158		2.539308	59	32320
05/08/96	23.32		23.40	29,181		2.545792	59	32379
05/09/96	21.65		23.24	29,203		2.552275	55	32434
05/10/96	21.64		23.18	29,224		2.558759	55	32490
05/11/96	21.65		22.97	29,246		2.565242	56	32545
05/12/96	21.65		23.13	29,268		2.571725	56	32601
05/13/96	0.00		22.15	29,268	r-21.65	2.578209	0	32601
05/14/96	3.33		21.48	29,271	r-38.30	2.584692	9	32609
05/15/96	58.28		22.48	29,329		2.591176	151	32760
05/16/96	31.64	3.33	22.81	29,361		2.597659	82	32843
05/17/96	24.99		22.63	29,386		2.604143	65	32908
05/18/96	23.25	2.50	22.58	29,409		2.610626	61	32968
05/19/96	23.24		22.52	29,432		2.617110	61	33029
05/20/96	24.91		22.63	29,457		2.623593	65	33094
05/21/96	18.25		22.40	29,475		2.630076	48	33142
05/22/96	24.89		22.51	29,500		2.636560	66	33208
05/23/96	19.50		22.44	29,520		2.643043	52	33260
05/24/96	21.58		22.51	29,541		2.649527	57	33317
05/25/96	19.91		22.45	29,561		2.656010	53	33370
05/26/96	21.57		22.51	29,583		2.662494	57	33427
05/27/96	19.92		22.40	29,603		2.668977	53	33480
05/28/96	21.57		22.24	29,624		2.675461	58	33538
05/29/96	11.62	21.65	21.80	29,636		2.681944	31	33569
05/30/96	21.65		21.80	29,658		2.688427	58	33627
05/31/96	21.65		21.70	29,679		2.694911	58	33686
06/01/96	21.66		21.70	29,701		2.701394	59	33744
06/02/96	31.65		21.98	29,733		2.707878	86	33830
06/03/96	20.30		21.94	29,753		2.714361	55	33885
06/04/96	19.98		21.94	29,773		2.720845	54	33939
06/05/96	0.00		21.29	29,773	R-43.30	2.727328	0	33939
06/06/96	43.29		21.95	29,816	R-16.65	2.733812	118	34058
06/07/96	28.31		22.12	29,845		2.740295	78	34135
06/08/96	16.65	6.66	21.95	29,861		2.746778	46	34181
06/09/96	22.40		21.98	29,884		2.753262	62	34243
06/10/96	19.91		21.92	29,903		2.759745	55	34298
06/11/96	18.26		21.81	29,922		2.766229	51	34348
06/12/96	21.57		22.52	29,943		2.772712	60	34408
06/13/96	29.50		23.40	29,973		2.779196	82	34490
06/14/96	11.62	4.98	21.84	29,984		2.785679	32	34522
06/15/96	21.66		21.51	30,006		2.792163	60	34583
06/16/96	21.64		21.40	30,028		2.798646	61	34643
06/17/96	18.32		21.23	30,046		2.805129	51	34695
06/18/96	16.65		21.01	30,063		2.811613	47	34742
06/19/96	21.64		20.90	30,084		2.818096	61	34803
06/20/96	18.32		20.91	30,103		2.824580	52	34854
06/21/96	18.32		20.69	30,121		2.831063	52	34906
06/22/96	18.31		20.65	30,139		2.837547	52	34958
06/23/96	11.66	6.66	20.32	30,151		2.844030	33	34991
06/24/96	16.19		20.19	30,167		2.850514	46	35037
06/25/96	21.59		20.19	30,189		2.856997	62	35099
06/26/96	18.26		20.14	30,207		2.863480	52	35151
06/27/96	16.59		19.97	30,224		2.869964	48	35199
06/28/96	18.25		20.19	30,242		2.876447	52	35252
06/29/96	18.26		20.08	30,260		2.882931	53	35304
06/30/96	14.93		19.86	30,275		2.889414	43	35347
07/01/96	19.91		19.80	30,295		2.895898	58	35405
07/02/96	0.00		18.74	30,295	r-44.80	2.902381	0	35405
07/03/96	33.19	6.64	19.17	30,328	r-14.93	2.908864	97	35502
07/04/96	23.73		19.30	30,352		2.915348	69	35571
07/05/96	21.65		20.02	30,374		2.921831	63	35634
07/06/96	18.32		19.19	30,392		2.928315	54	35688
07/07/96	25.37		19.09	30,417		2.934798	74	35762
07/08/96	16.66		19.09	30,434		2.941282	49	35811
07/09/96	16.65		18.90	30,451		2.947765	49	35860

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
07/10/96	18.31		18.84	30,469		2.954249	54	35914
07/11/96	19.78		18.90	30,489		2.960732	59	35973
07/12/96	8.33	6.66	18.45	30,497		2.967215	25	35998
07/13/96	6.66		17.69	30,504		2.973699	20	36017
07/14/96	30.76		18.33	30,534		2.980182	92	36109
07/15/96	14.93		18.11	30,549		2.986666	45	36154
07/16/96	19.92		18.05	30,569		2.993149	60	36213
07/17/96	11.61		17.83	30,581		2.999633	35	36248
07/18/96	16.59		17.82	30,597		3.006116	50	36298
07/19/96	14.94		17.60	30,612		3.012600	45	36343
07/20/96	18.25		17.60	30,631		3.019083	55	36398
07/21/96	6.64	6.64	17.21	30,637		3.025566	20	36418
07/22/96	17.07		17.17	30,654		3.032050	52	36470
07/23/96	15.82		17.31	30,670		3.038533	48	36518
07/24/96	14.99		17.27	30,685		3.045017	46	36564
07/25/96	16.66		17.10	30,702		3.051500	51	36614
07/26/96	14.99		16.99	30,717		3.057984	46	36660
07/27/96	16.65		16.99	30,733		3.064467	51	36711
07/28/96	8.32		16.66	30,742		3.070951	26	36737
07/29/96	23.32		16.83	30,765		3.077434	72	36809
07/30/96	16.65		16.89	30,782		3.083917	51	36860
07/31/96	13.32		16.67	30,795		3.090401	41	36901
08/01/96	9.99	4.99	17.00	30,805		3.096884	31	36932
08/02/96	13.32		16.34	30,818		3.103368	41	36973
08/03/96	9.57		15.87	30,828		3.109851	30	37003
08/04/96	23.25		15.92	30,851		3.116335	72	37076
08/05/96	18.27		15.92	30,869		3.122818	57	37133
08/06/96	11.62		15.46	30,881		3.129302	36	37169
08/07/96	3.29		15.02	30,884		3.135785	10	37179
08/08/96	16.60		15.01	30,901		3.142268	52	37231
08/09/96	13.27		14.85	30,914		3.148752	42	37273
08/10/96	13.28		14.63	30,927		3.155235	42	37315
08/11/96	13.27		14.79	30,941		3.161719	42	37357
08/12/96	24.89		15.40	30,966		3.168202	79	37436
08/13/96	4.98		14.54	30,971		3.174686	16	37452
08/14/96	14.94		14.54	30,986		3.181169	48	37499
08/15/96	0.00		13.88	30,986	R-39.82	3.187653	0	37499
08/16/96	29.86		14.49	31,015	R-19.92	3.194136	95	37595
08/17/96	18.26	4.98	14.54	31,034		3.200619	58	37653
08/18/96	25.82		14.91	31,059		3.207103	83	37736
08/19/96	11.66		14.69	31,071		3.213586	37	37773
08/20/96	19.98		15.13	31,091		3.220070	64	37838
08/21/96	16.66		15.12	31,108		3.226553	54	37892
08/22/96	11.65		14.98	31,119		3.233037	38	37929
08/23/96	16.23		15.02	31,136		3.239520	53	37982
08/24/96	14.98		14.96	31,151		3.246003	49	38030
08/25/96	11.66		14.85	31,162		3.252487	38	38068
08/26/96	13.32		14.74	31,176		3.258970	43	38112
08/27/96	16.65		15.02	31,192		3.265454	54	38166
08/28/96	8.33		14.52	31,201		3.271937	27	38193
08/29/96	16.65		14.52	31,217		3.278421	55	38248
08/30/96	9.99	5.00	14.41	31,227		3.284904	33	38281
08/31/96	13.70		14.53	31,241		3.291388	45	38326
09/01/96	11.63		14.48	31,253		3.297871	38	38364
09/02/96	13.28		14.60	31,266		3.304354	44	38408
09/03/96	13.28		14.27	31,279		3.310838	44	38452
09/04/96	14.93		14.16	31,294		3.317321	50	38502
09/05/96	11.62		14.16	31,306		3.323805	39	38540
09/06/96	11.62		14.43	31,317		3.330288	39	38579
09/07/96	11.62		14.27	31,329		3.336772	39	38618
09/08/96	13.27		14.27	31,342		3.343255	44	38662
09/09/96	13.28		14.27	31,355		3.349739	44	38707
09/10/96	9.95		14.16	31,365		3.356222	33	38740
09/11/96	66.15		15.53	31,432	drain treater/transfer oil to production	3.362705	222	38962
09/12/96	6.64	4.97	15.59	31,438		3.369189	22	38985
09/13/96	13.33		15.53	31,452		3.375672	45	39030
09/14/96	11.66		15.92	31,463		3.382156	39	39069
09/15/96	16.65		15.48	31,480		3.388639	56	39126
09/16/96	8.32		15.15	31,488		3.395123	28	39154
09/17/96	15.81		14.82	31,504		3.401606	54	39208
09/18/96	11.66		14.82	31,516	Hot oiled 59.95 bbls	3.408090	40	39247
09/19/96	0.00		14.15	31,516	r-41.63	3.414573	0	39247
09/20/96	26.64		14.48	31,542	r-18.32	3.421056	91	39338
09/21/96	18.32		14.71	31,561		3.427540	63	39401
09/22/96	9.99	6.66	14.50	31,571		3.434023	34	39436
09/23/96	21.17		14.70	31,592		3.440507	73	39508
09/24/96	8.31		14.59	31,600		3.446990	29	39537
09/25/96	17.85		14.74	31,618		3.453474	62	39599

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
09/26/96	14.95		14.69	31,633		3.459957	52	39650
09/27/96	13.28		14.85	31,646		3.466441	46	39696
09/28/96	11.61		14.68	31,658		3.472924	40	39737
09/29/96	13.28		14.79	31,671		3.479407	46	39783
09/30/96	11.61		14.72	31,683		3.485891	40	39823
10/01/96	13.28		14.78	31,696		3.492374	46	39870
10/02/96	8.30		14.61	31,704		3.498858	29	39899
10/03/96	9.95		14.50	31,714		3.505341	35	39934
10/04/96	13.28		14.45	31,727		3.511825	47	39980
10/05/96	9.95		14.39	31,737		3.518308	35	40015
10/06/96	13.28		14.45	31,751		3.524792	47	40062
10/07/96	3.32	9.95	14.17	31,754		3.531275	12	40074
10/08/96	14.89		14.22	31,769		3.537758	53	40127
10/09/96	11.66		14.17	31,781		3.544242	41	40168
10/10/96	5.00		14.00	31,786		3.550725	18	40186
10/11/96	13.32		12.24	31,799		3.557209	47	40233
10/12/96	11.66		12.41	31,811		3.563692	42	40275
10/13/96	11.66		12.36	31,822		3.570176	42	40316
10/14/96	19.14		12.60	31,841		3.576659	68	40385
10/15/96	11.65		12.44	31,853		3.583142	42	40426
10/16/96	5.00		12.33	31,858		3.589626	18	40444
10/17/96	9.99		12.13	31,868	Hot oiled 59.95 bbls	3.596109	36	40480
10/18/96	0.00		11.74	31,868	r-43.30	3.602593	0	40480
10/19/96	18.32		12.36	31,886	r-16.65	3.609076	66	40546
10/20/96	18.31		12.08	31,905		3.615560	66	40613
10/21/96	14.99		11.97	31,920		3.622043	54	40667
10/22/96	3.30	13.32	11.74	31,923		3.628527	12	40679
10/23/96	9.99		11.37	31,933		3.635010	36	40715
10/24/96	14.12		11.56	31,947		3.641493	51	40767
10/25/96	9.97		11.30	31,957		3.647977	36	40803
10/26/96	13.28		11.25	31,970		3.654460	49	40852
10/27/96	13.29		11.25	31,984		3.660944	49	40900
10/28/96	8.30		11.14	31,992		3.667427	30	40931
10/29/96	9.96		11.03	32,002		3.673911	37	40967
10/30/96	9.96		10.97	32,012		3.680394	37	41004
10/31/96	13.27		10.97	32,025		3.686878	49	41053
11/01/96	8.30		10.97	32,033		3.693361	31	41083
11/02/96	9.95		10.97	32,043		3.699844	37	41120
11/03/96	8.30		10.80	32,052		3.706328	31	41151
11/04/96	13.27		10.92	32,065		3.712811	49	41200
11/05/96	8.30		10.75	32,073		3.719295	31	41231
11/06/96	9.96		10.97	32,083		3.725778	37	41268
11/07/96	13.27		10.92	32,096		3.732262	50	41318
11/08/96	8.30		10.80	32,105		3.738745	31	41349
11/09/96	8.30		10.91	32,113		3.745229	31	41380
11/10/96	13.27		10.91	32,126		3.751712	50	41430
11/11/96	8.30		10.80	32,135		3.758195	31	41461
11/12/96	8.30		10.69	32,143		3.764679	31	41492
11/13/96	8.30		10.33	32,151		3.771162	31	41523
11/14/96	9.95		10.27	32,161	Hot oiled 59.94 bbls	3.777646	38	41561
11/15/96	0.00		10.10	32,161	r-34.85	3.784129	0	41561
11/16/96	11.62		10.16	32,173	r-24.89	3.790613	44	41605
11/17/96	18.26		10.77	32,191		3.797096	69	41674
11/18/96	0.00	13.28	10.16	32,191		3.803580	0	41674
11/19/96	9.96		9.88	32,201		3.810063	38	41712
11/20/96	11.24		9.75	32,212		3.816546	43	41755
11/21/96	13.33		10.09	32,226		3.823030	51	41806
11/22/96	11.65		10.14	32,237		3.829513	45	41851
11/23/96	8.33		9.95	32,246		3.835997	32	41883
11/24/96	13.32		10.06	32,259		3.842480	51	41934
11/25/96	11.66		10.01	32,270		3.848964	45	41979
11/26/96	9.99		9.90	32,280		3.855447	39	42017
11/27/96	9.99		9.95	32,290		3.861931	39	42056
11/28/96	9.99		9.95	32,300		3.868414	39	42095
11/29/96	6.66		9.84	32,307		3.874897	26	42120
11/30/96	10.00		9.74	32,317		3.881381	39	42159
12/01/96	13.32		9.90	32,330		3.887864	52	42211
12/02/96	4.99		9.74	32,335		3.894348	19	42230
12/03/96	0.00		9.46	32,335	bad power band	3.900831	0	42230
12/04/96	0.00		9.02	32,335		3.907315	0	42230
12/05/96	0.00		8.74	32,335		3.913798	0	42230
12/06/96	38.31		9.69	32,374		3.920281	150	42381
12/07/96	13.32		9.69	32,387		3.926765	52	42433
12/08/96	9.99		9.75	32,397		3.933248	39	42472
12/09/96	13.32		9.91	32,410		3.939732	52	42525
12/10/96	0.00		9.47	32,410	down oil filter leak	3.946215	0	42525
12/11/96	0.00		9.19	32,410		3.952699	0	42525
12/12/96	24.98		9.75	32,435		3.959182	99	42624

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
12/13/96	10.00		9.81	32,445	Hot oiled 59.96 bbls	3.965666	40	42663
12/14/96	0.00		9.47	32,445	r-34.97	3.972149	0	42663
12/15/96	0.00	6.66	9.47	32,445	r-29.99	3.978632	0	42663
12/16/96	9.99		9.42	32,455		3.985116	40	42703
12/17/96	11.66		9.20	32,467		3.991599	47	42750
12/18/96	5.00	4.99	9.37	32,472		3.998083	20	42770
12/19/96	6.63		9.26	32,479		4.004566	27	42796
12/20/96	6.64		9.10	32,485		4.011050	27	42823
12/21/96	16.59		9.21	32,502		4.017533	67	42889
12/22/96	14.11		9.29	32,516		4.024017	57	42946
12/23/96	4.98		9.18	32,521	Gas Tested @ 37 MSCFPD	4.030500	20	42966
12/24/96	8.29		9.01	32,529	GOR @ 4.0305 MSCFG/STBO	4.095952	34	43000
12/25/96	9.96		8.96	32,539		4.161403	41	43042
12/26/96	4.98		8.79	32,544		4.226855	21	43063
12/27/96	6.64		8.68	32,551		4.292306	29	43091
12/28/96	8.29		8.62	32,559		4.357758	36	43127
12/29/96	11.62		8.79	32,571		4.423209	51	43179
12/30/96	4.98		8.62	32,576		4.488661	22	43201
12/31/96	9.95		8.51	32,586		4.554112	45	43246
01/01/97	1.66		8.40	32,587		4.619564	8	43254
01/02/97	9.96		8.73	32,597		4.685015	47	43301
01/03/97	6.66		8.95	32,604		4.750467	32	43332
01/04/97	6.64		9.17	32,611		4.815918	32	43364
01/05/97	6.64		8.12	32,617		4.881370	32	43397
01/06/97	6.63		7.89	32,624		4.946821	33	43430
01/07/97	6.64		7.78	32,630		5.012273	33	43463
01/08/97	8.30		7.61	32,639		5.077724	42	43505
01/09/97	6.64		7.84	32,645		5.143176	34	43539
01/10/97	3.32	11.62	7.95	32,649		5.208627	17	43556
01/11/97	7.49		7.36	32,656		5.274079	40	43596
01/12/97	10.00		7.36	32,666		5.339530	53	43649
01/13/97	1.66		7.42	32,668		5.404982	9	43658
01/14/97	6.66		7.64	32,675		5.470433	36	43695
01/15/97	6.67		7.53	32,681		5.535885	37	43732
01/16/97	4.99		7.31	32,686	Hot oiled 59.97 bbls	5.601336	28	43760
01/17/97	0.00		7.14	32,686	r-59.97	5.666788	0	43760
01/18/97	24.99		7.75	32,711		5.732239	143	43903
01/19/97	16.65		8.09	32,728		5.797691	97	43999
01/20/97	9.99		7.87	32,738		5.863142	59	44058
01/21/97	16.65		7.95	32,755		5.928594	99	44157
01/22/97	9.99		8.12	32,764		5.994045	60	44217
01/23/97	6.66		8.06	32,771		6.059497	40	44257
01/24/97	8.33		8.01	32,779		6.124948	51	44308
01/25/97	9.99		8.18	32,789		6.190400	62	44370
01/26/97	6.66		8.18	32,796		6.255852	42	44411
01/27/97	11.65		8.29	32,808		6.321303	74	44485
01/28/97	6.66		8.12	32,814		6.386755	43	44528
01/29/97	6.66		8.18	32,821		6.452206	43	44571
01/30/97	6.66		8.07	32,828		6.517658	43	44614
01/31/97	6.67		8.24	32,834		6.583109	44	44658
02/01/97	9.99		8.24	32,844		6.648561	66	44724
02/02/97	4.99		8.18	32,849		6.714012	34	44758
02/03/97	6.66		8.18	32,856		6.779464	45	44803
02/04/97	10.00		8.30	32,866		6.844915	68	44871
02/05/97	6.66		8.30	32,873		6.910367	46	44917
02/06/97	6.66		8.30	32,879		6.975818	46	44964
02/07/97	3.33		8.13	32,883		7.041270	23	44987
02/08/97	3.33		8.02	32,886		7.106721	24	45011
02/09/97	1.67	3.32	7.97	32,888		7.172173	12	45023
02/10/97	3.33		7.83	32,891		7.237624	24	45047
02/11/97	2.07		7.56	32,893		7.303076	15	45062
02/12/97	3.32		7.62	32,896		7.368527	24	45087
02/13/97	8.27		7.67	32,905	R-11.63 H2O	7.433979	61	45148
02/14/97	0.00		7.45	32,905		7.499430	0	45148
02/15/97	0.00		7.28	32,905		7.564882	0	45148
02/16/97	0.00		7.28	32,905		7.630333	0	45148
02/17/97	0.00		6.45	32,905		7.695785	0	45148
02/18/97	2.08		5.96	32,907		7.761236	16	45164
02/19/97	0.00		5.63	32,907		7.826688	0	45164
02/20/97	0.00		5.08	32,907		7.892139	0	45164
02/21/97	0.00		4.74	32,907		7.957591	0	45164
02/22/97	0.00		4.52	32,907	R-23.25 H2O	8.023042	0	45164
02/23/97	18.27		4.85	32,925	R-56.44 H2O	8.088494	148	45312
02/24/97	14.94		5.02	32,940	R-4.99 H2O	8.153945	122	45434
02/25/97	3.33		4.91	32,943		8.219397	27	45461
02/26/97	13.28		4.96	32,957	R-8.30 H2O	8.284848	110	45571
02/27/97	4.98		4.91	32,962	Gas Tested @ 41 MSCFPD	8.350300	42	45613
02/28/97	11.62		5.07	32,973	GOR @ 8.3503 MSCFG/STBO	8.296361	96	45709

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
03/01/97	9.95		5.18	32,983	R-3.31 H2O	8.242422	82	45791
03/02/97	3.32		5.07	32,986		8.188483	27	45819
03/03/97	4.98		4.90	32,991		23 8.134543	41	45859
03/04/97	3.32		4.85	32,995		8.080604	27	45886
03/05/97	3.32		4.73	32,998		8.026665	27	45912
03/06/97	9.95		4.73	33,008		7.972726	79	45992
03/07/97	3.32		4.62	33,011		7.918787	26	46018
03/08/97	6.64		4.62	33,018		7.864848	52	46070
03/09/97	9.95		4.84	33,028		7.810909	78	46148
03/10/97	6.64		4.95	33,035		7.756970	52	46200
03/11/97	6.64		5.12	33,041		7.703030	51	46251
03/12/97	0.00		5.01	33,041		7.649091	0	46251
03/13/97	11.62		5.32	33,053		7.595152	88	46339
03/14/97	1.65		5.27	33,055		7.541213	12	46351
03/15/97	4.98		5.16	33,059		7.487274	37	46389
03/16/97	3.32		5.27	33,063		7.433335	25	46413
03/17/97	3.32		5.38	33,066		7.379396	24	46438
03/18/97	11.62	9.95	5.77	33,078		7.325457	85	46523
03/19/97	0.00		5.77	33,078		7.271517	0	46523
03/20/97	6.63		5.92	33,084		7.217578	48	46571
03/21/97	11.62		6.31	33,096		7.163639	83	46654
03/22/97	4.98		6.47	33,101	Gas Tested @ 46 MSCFPD	7.109700	35	46689
03/23/97	1.66		6.53	33,103	GOR @ 7.1097 MSCFG/STBO	7.109700	12	46701
03/24/97	11.62		6.92	33,114		7.109700	83	46784
03/25/97								
03/26/97								
03/27/97								
03/28/97								
03/29/97								
03/30/97								
03/31/97								

Note: The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed (i.e This is a vented GOR and does not include gas used on lease).
The vented GOR is assumed to be zero for the first 30 days of production due to propane usage to suppliment fuel gas.
The vented GOR of the first gas test is applied back to the date of 30 day production and is then assumed to increase or decrease linearly between gas tests.

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

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

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

County:

State:

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 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

INLAND

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



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.

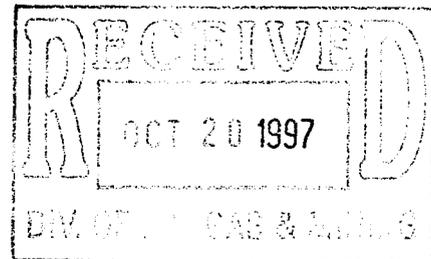
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:
3162.3
UT08438

December 5, 1997

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

43-047-32504
Re: Well No. Balcron Federal 41-19Y
NENE, Sec. 19, T9S, R18E
Lease U-65635
Uintah County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

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



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

OPERATOR CHANGE WORKSHEET

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

Routing	
1-LEC ✓	6-JEP ✓
2-GEH ✓	7-KAS ✓
3-DTS <i>OTS</i> ✓	8-SI ✓
4-VLD ✓	9-FHE ✓
5-JRB ✓	

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

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

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

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-047-32504</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Yec 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)*
- Yec 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: _____
- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-9-97)*
- Yec 6. Cardex file has been updated for each well listed above. *(12-10-97)*
- Yec 7. Well file labels have been updated for each well listed above. *(12-10-97)*
- Yec 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. *(12-9-97)*
- Yec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1.6.98.

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

971209 BLM / Vernal Aprv 12-4-97.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-65635

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
SHEEP WASH

8. Well Name and No.
BALCRON FED 41-19Y

9. API Well No.
43-047-32504

10. Field and Pool, or Exploratory Area
PARIETTE DRAW

11. County or Parish, State
DUCHESNE COUNTY, UT

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
660 FNL 660 FEL NE/NE Section 19, T9S R18E

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

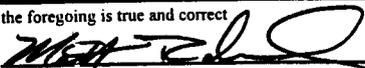
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back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

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

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

Subject well had recompletion procedure initiated in the Green River formation on 9/25/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Three new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP5 sands @ 5411-5415', CP4 sands @ 5353-5360', CP3 sands @ 5271-5277' (4 JSPF) fraced down 2 7/8 N-80 tubing w/ 39,896# 20/40 sand in 329 Bbls Viking I-25 fluid. Stage #2: CP1 sands @ 5151-5181' (2 JSPF) fraced down 2 7/8 N-80 tubing w/ 47,626# 20/40 sand in 477 Bbls Viking I-25 fluid. Stage #3: C sands @ 4496-4503' (4 JSPF) fraced down 5 1/2 15.5 casing w/ 50,953# 20/40 sand in 354 Bbls Viking I-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA and production tubing were run and anchored in well w/ tubing anchor @ 5318', pump seat nipple @ 5353', and end of tubing @ 5415'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 10/4/03.

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

Signed  Title Production Clerk Date 10/6/2003
Matthew Richmond

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

RECEIVED

OCT 08 2003

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-65635

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BALCRON FEDERAL 41-19Y

9. API Well No.
43-047-32504

10. Field and Pool, or Exploratory Area
PARIETTE DRAW

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0660 FNL 0660 FEL NE/NE Section 19, T09S R18E

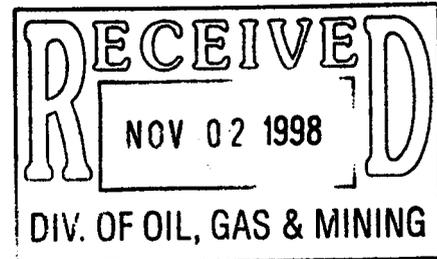
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



14. I hereby certify that the foregoing is true and correct
 Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 10/30/98

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:
CC: UTAH DOGM

Inland Production Company Site Facility Diagram

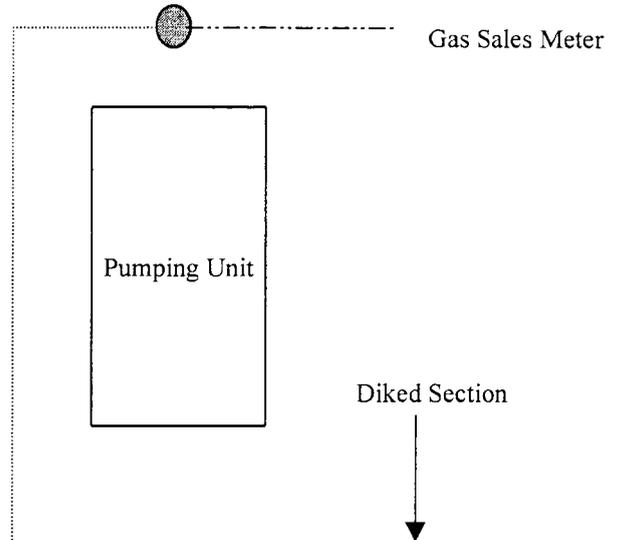
Federal 41-19Y

NE/NE Sec. 19, T9S, 18E

Uintah County

May 12, 1998

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



Production Phase:

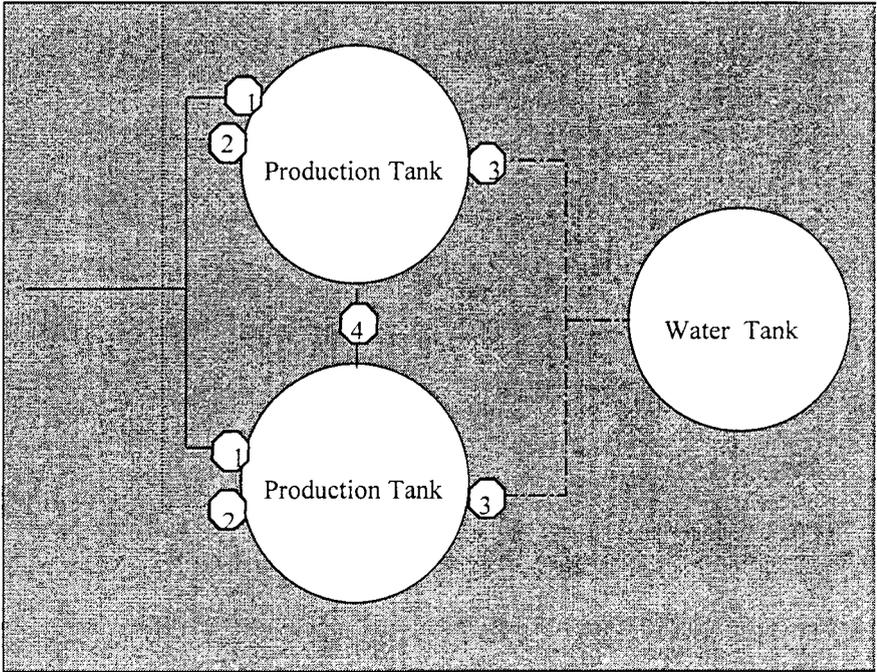
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

Draining Phase:

- 1) Valve 3 open



Emulsion Line
Load Line	_____
Water Line	- - - - -
Gas Sales	- · - · - ·



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

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

NEWFIELD



September 15, 2009

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

RE: Re-completion
Balcron Federal 41-19Y-9-18
Sec.19, T9S, R18E
API #4304732504

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in black ink, appearing to read "Jerri Park".

Jerri Park
Production Tech

RECEIVED

SEP 17 2009

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-65635

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
BALCRON FED 41-19Y

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732504

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: 660 FNL 660 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 19, T9S, R18E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 08/11/2009	<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	

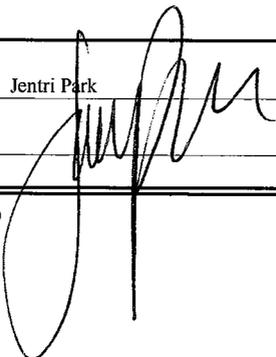
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production. The following perforations were added in the Green River Formation:

- D2 4408'-4414' 3 JSPF 18 holes
- D2 4389'-4391' 3 JSPF 6 holes
- D1 4340'-4343' 3 JSPF 9 holes

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 09/15/2009

(This space for State use only)

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SEP 17 2009
DIV. OF OIL, GAS & MINING