

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
U-020309D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
COYOTE BASIN

8. FARM OR LEASE NAME

9. WELL NO.  
COYOTE BASIN  
32-6

10. FIELD AND POOL, OR WILDCAT  
FIELD COYOTE BASIN

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SEC. 6, T8S, R25E, S.L.

12. COUNTY OR PARISH | 13. STATE  
UINTAH | 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

2. NAME OF OPERATOR  
MAXUS EXPLORATION CORPORATION

3. ADDRESS OF OPERATOR  
P.O. BOX 1669, VERNAL, UTAH 84078 DIVISION OF  
OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal Mining Act suriace)  
1900' FNL 2200' FEL, SECTION 12, T8S, R24E, S.L.M.  
At proposed prod. zone  
4800'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
35 MILES SOUTHEAST OF VERNAL, UTAH

16. NO. OF ACRES IN LEASE  
240

17. NO. OF ACRES ASSIGNED TO THIS WELL  
80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
3000' ±

19. PROPOSED DEPTH  
4800' *Wanted*

20. ROTARY OR CABLE TOOLS  
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5596' GR.

22. APPROX. DATE WORK WILL START\*  
A.S.A.P.

REC'D DEC 22 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	K-55 24#	0-250'	CEMENT TO SURFACE 200 SACKS CIR. FROM T.D. TO 300'
7 7/8"	5 1/2"	K-55 10.50#	0-4800'	

SEE 10 POINT DRILLING COMPLIANCE PROGRAM

ATTACHMENTS:

- 10 POINT COMPLIANCE PROGRAM
- EXHIBIT 'A' - BOP & AUXILIARY EQUIPMENT
- CERTIFIED SURVEY PLAT
- 13 POINT SURFACE USE PLAN
- CUT SHEET
- TOPO MAP 'A'
- TOPO MAP 'B'

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 Russ Lurie TITLE DISTRICT SUPERINTENDENT DATE 12/18/87

(This space for Federal or State office use)

PERMIT NO. 43 047-31835 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ DATE 1-2-88 DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

WELL SPACING: General 129-1  
9-13-67

\*See Instructions On Reverse Side

T8S, R25E, S.L.B.&M.

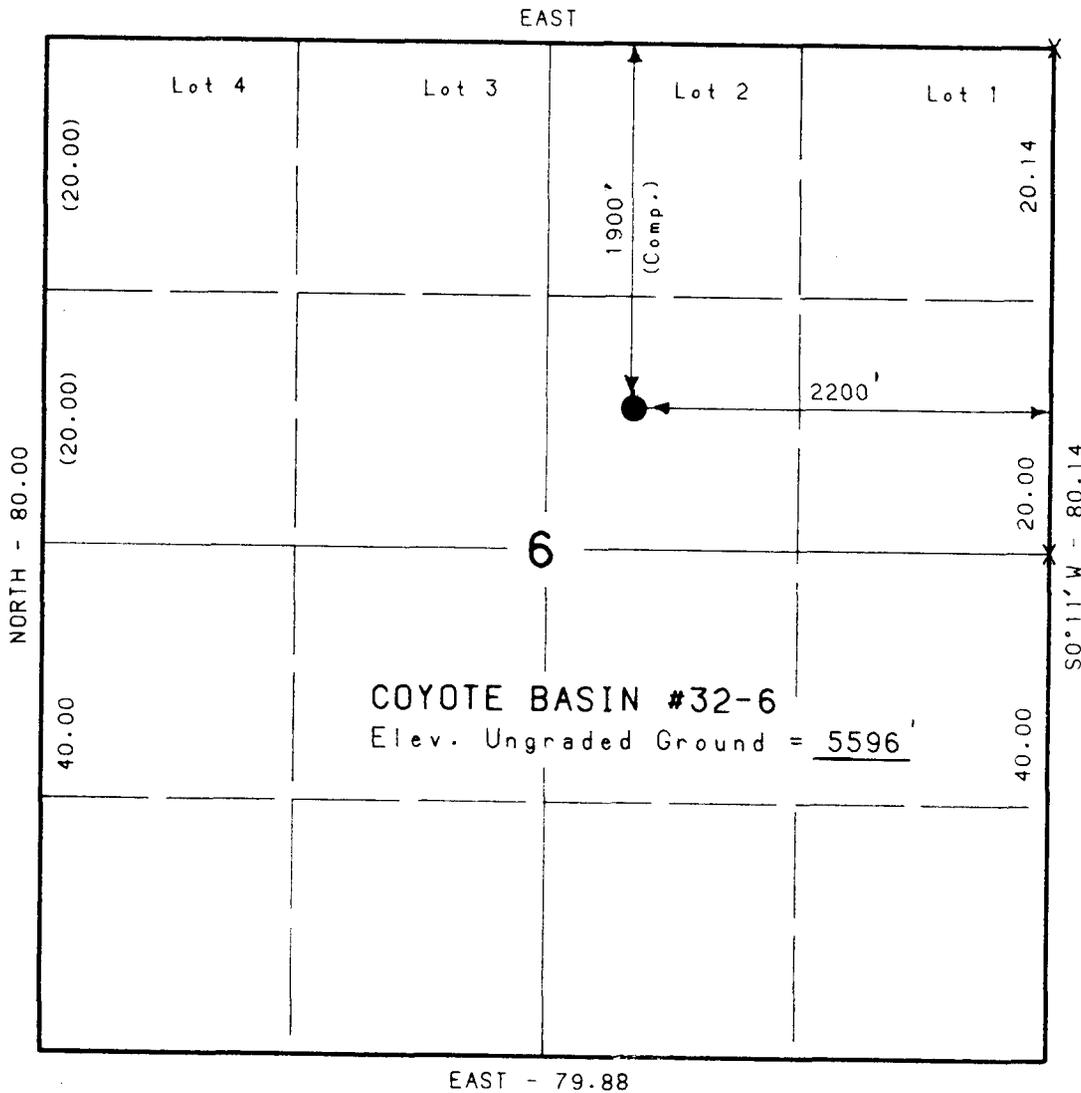
PROJECT

MAXUS EXPLORATION

Well location, COYOTE BASIN #32-6, located as shown in the SW1/4 NE1/4 of Section 6, T8S, R25E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NE CORNER OF SECTION 6, T8S, R25E, S.L.B.&M. TAKEN FROM THE DINOSAUR NW QUADRANGEL, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5630 FEET



DATE: \_\_\_\_\_  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 3137  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12-8-87
PARTY D.A. G.M. J.R.S.	REFERENCES GLO
WEATHER COLD STORM	FILE US BUREAU OF LAND SURVEY

X = SECTION CORNERS LOCATED (Brass Caps)

MAXUS EXPLORATION CORPORATION

COYOTE BASIN #32-6

SECTION 6, T8S, R25E, S.L.B.& M.

10 POINT DRILLING PROGRAM

1. GEOLOGICAL NAME OF SURFACE FORMATION

(A) Surface formation is the Green River formation of the lower Eocene.

2. ESTIMATED FORMATION TOPS

Top Green	1949'
Top Oil Shale	2069'
Base Oil Shale	3349'
Douglas Creek	4013'
Wasatch Tongue	4455'
Upper Sand	4494'
Middle Sand	4516'
Lower Sand	4535'
Wasatch Formation	4700'
T.D.	4800'

3. ESTIMATED DEPTHS OF WATER, OIL, GAS OR MINERALS

- (A) Oil: Oil is anticipated in the Lower Green River Formation.  
(B) Gas: None  
(C) Water: Surface water to + 250'

4. PROPOSED CASING PROGRAM

<u>Size</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Condition</u>	<u>Depth Set</u>
8 5/8"	K-55	24#	New	250'
5 1/2"	K-55	10.50	New or Old	4800'

5. PRESSURE CONTROL EQUIPMENT

- (A) Refer to Diagram A  
(B) Minimum pressure ratings on any and all B.O.P. or related control equipment will be 3000#/in.  
(C) B.O.P. stack will be pressure tested to 300#/in prior to drilling out of surface casing. The stack will then be check on each trip to insure workability.

6. DRILLING FLUIDS

Fresh water will be used as a drilling fluid on the surface casing. A chemical Gel Mud may be used in areas of problem.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper and Lower Kelly Cock
- (B) Floats will be used as needed
- (C) One full open stabbing valve on float at all times

8. EVALUATION PROCEDURES

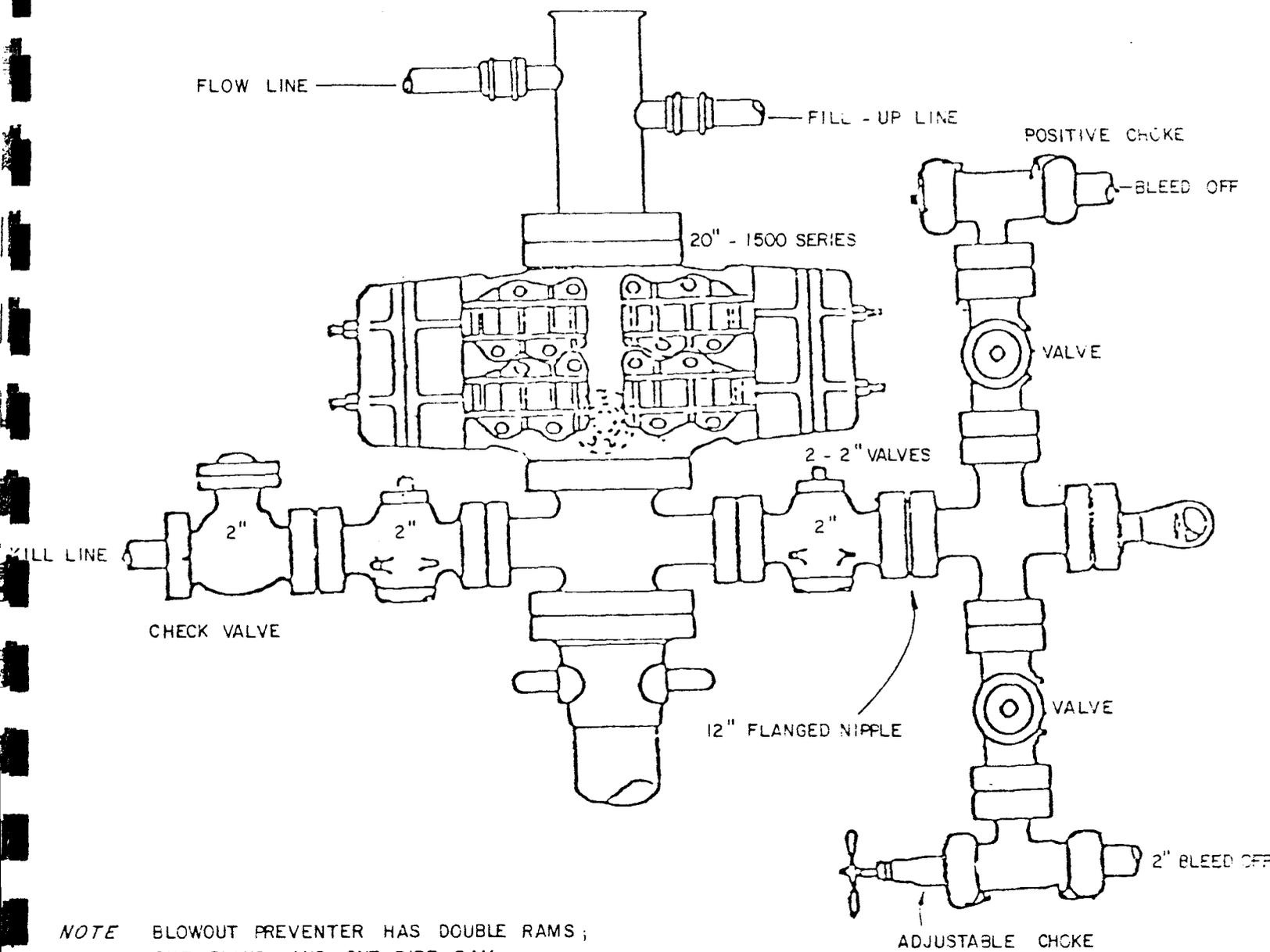
- (A) Drill stem tests: As determined by on-sight geologist possible D.S.T. in lower sand areas.
- (B) Coring: None
- (C) Logging: Dual Induction - SFL w/limear correlation from surface to T.D. FDC-CNL from surface to T.D.

9. ABNORMAL DRILLING CONDITIONS

- (A) Abnormal Pressure: None
- (B) Abnormal Temperatures: None
- (C) Hydrogen Sulfide: None

10. ANTICIPATED STARTING DATE AND DURATION

We anticipate commencing operations by four weeks or A.S.A.P. The anticipated duration drilling and completion operations is approximately eight weeks.



NOTE BLOWOUT PREVENTER HAS DOUBLE RAMS ;  
 ONE BLIND AND ONE PIPE RAM.

DIAGRAM "A" - B.O.P.

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL  
FOR  
MAXUS EXPLORATION  
COYOTE BASIN #32-6  
LEASE NO. U-020309D  
LOCATED IN THE SW 1/4 NE 1/4  
SECTION 6, T8S, R21E, S.L.B. & M.  
UINTAH COUNTY, UTAH

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads

- A. See attached Topographic Map for approximate wellsite location and lengths of road to be reconstructed and new-built. Topo Maps "A" & "B".
- B. Coyote Basin #32-6 is located approximately 35 miles Southeasterly of Vernal, in the SW 1/4 NE 1/4 Section 6, T8S, R25E, S.L.B.& M. Uintah County, Utah. Proceed easterly from Vernal, Utah along U.S. Highway 40 - 24 miles to the junction of this highway and Utah State Highway; proceed Southerly along Utah State Highway 45 - 10.9 miles more or less to the junction of this highway and an existing improved road to the West; proceed Westerly along this road 0.1 miles to its junction with the proposed access road (to be discussed in Item # 2).
- C. Access road is shown in pink and labeled on Topo Map "B".
- D. The highway mentioned in the foregoing paragraph are bituminous surfaced roads to the point where the road exits to the West; thereafter the road is constructed with existing materials and gravels. The highways are maintained by Utah State road crews. All other roads are maintained by county crews.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to sandy-clay shale material.

The access road will be improved to allow temporary usage during drilling operations with an additional 900' + of new road built from the improved road to the wellsite. The access road will be maintained to the standards required by the BLM during drilling operations. However, if the well proves to be commercial it will be upgraded to an all-season road and maintained to the existing BLM standards.

2. Planned Access Roads -- describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing: (see below and Topo Map "B")

- A. Length - Approximately 900' of new road
- B. Width - 30 foot right-of-way with 18 foot running surface maximum, if a producer.
- C. Maximum grades - 1 1/2%
- D. Turnouts - None needed

E. Drainage design - borrow ditches

F. Access road surface ownership - Federal

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 feet right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or 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.

3. Location of Existing Wells -- describe the following and provide a map or plat of all wells within a one mile radius of the proposed well location showing and identifying existing: (see Exhibit II):
- A. Water wells
  - B. Abandoned wells
  - C. Temporarily abandoned wells
  - D. Disposal wells
  - E. Drilling wells
  - F. Producing wells
  - G. Shut-in wells
  - H. Injection wells

This location is located within the Coyote Basin Oil Field, therefore, there are producing wells within a one-mile radius. See Topographic Map "B" for the approximate location of these wells relative to the location site. There are also three abandoned wells within a one mile radius of this location site.

There are no known water wells, injection wells or observation wells for other purposes within a one-mile radius of this location site.

4. Location of Existing and/or Proposed Facilities

- A. On well pad, if the well is successfully completed for production, all lines will be installed above ground and insulated along the appropriate perimeters of the location.
- B. Off well pad facilities are not anticipated at this time, since the battery will be self-sustaining. If further facilities are required, Maxus Exploration will apply for approval of subsequent off well pad operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed per sundry notice if a producer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupation Safety and Health Act) will be excluded.

5. Location and Type of Water Supply

- A. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description from Bonanza, Utah a private sources.

In the event that this sources is not used, an alternate source will be found and all necessary arrangements will be made with the proper authorities.

- B. Water for this well will be hauled by truck over the existing roads and the proposed access road approximately 11 miles from Bonanza, Utah. See Topographic Map "A" and "B". Note: Bonanza lies off the bottom edge of Topographic Map "B". However as stated above water will be hauled along the existing highway.

- C. If water well is to be drilled on lease, so state. No

6. Source of Construction Materials

Construction materials will be native soil and gravel deposits from location and access road.

\* A minerals material application is required.

7. Methods for Handling Waste Disposal

- A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:

- (1) Cuttings: will be left in reserve pit.
- (2) Sewage: will be contained in Porta Potty.
- (3) Garbage (trash) and other waste material: Contained in wire basket and hauled to sanitary landfill.
- (4) Salts: Contained in lined pit
- (5) Chemicals: Contained in lined pit.

- B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations. It will be hauled by truck from the location to one of the following disposal facilities:

LaPoint Recycle and Storage Section 12, T5S, R19E Uintah County, Utah	MC & MC Pits Section 27, T1N, R2W Duchesne County, Utah	Hanson Disposal Section 7, T3S, R3W Duchesne County, Utah
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\*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On B.L.M. administered lands:

The reserve pit shall not be lined. Unless needed to conserve water and drilling fluids.

\* If the pit is lined it shall be constructed so as not to leak, break, or allow discharge.

8. Ancillary Facilities

- A. Identify all proposed camps and airstrips on a map as to their location, and area required, and construction methods. (Camp center and airstrip centerlines to be staked on the ground).

X Camp facilities or airstrips will not be required.

9. Well Site Layout -- provide a plat (not less than 1" = 50') showing:  
See Exhibit "B"

- A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc. (Approval as used in this section means field approval of location.)
- C. Rig orientation, parking areas, and access roads, etc.

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the: Northern side  
of the location.

The stockpiled topsoil will be stored between location points 1 and 8

Access to the well pad will be from the: South between points 7 & 8

10. Plans for Restoration of Surface

A. Provide a restoration program upon completion of operations, including:

- (1) Backfilling, leveling, recontouring, and waste disposal; segregation of topsoil from cut materials as needed.
- (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
- (3) Proposed timetable for commencement and completion of rehabilitation operations 90 days after completion of operations.

B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within six months from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BIA. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15th until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the BIA for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. Surface Ownership: Federal (B.L.M.)

Provide the surface ownership (Federal, Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora, and fauna.
- B. Other surface-use activities and surface ownership of all involved lands.
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites.

This area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 16 miles to the South of the location site.

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

The geologic structure of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

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

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels 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".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B")

Coyote Basin 32-6 is located approximately 500' Southeast and 1400' North of non-perennial drainages which run to the South and West eventually emptying into the White River.

The terrain in the vicinity of the location slopes from the North through the location site to the South at approximately a 1.5% grade.

The vegetation in the immediate area surrounding the location site consists of sagebrush and sparse grasses.

All lands involved under this action are under B.L.M. jurisdiction.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. See attached archaeological report.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

MAXUS EXPLORATION CORPORATION  
Coyote Basin #32-6  
Section 6, T8S, R25E, S.L.B. & M.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM Bookcliff Resource Area at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Jim Diani.

No construction or drilling activities shall be conducted between May 15 and June 20 to protect Pronghorn Antelope during the bedding period.

13. Lessee's or Operators Representative and Certification

Representative

Name: Maxus Exploration Corporation

Russell Ivie

Address: 100 South 251 East

Vernal, Utah 84078

Phone No. (801) 789-5270

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

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 currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Maxus Exploration Corporation 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.

\_\_\_\_\_

Date

\_\_\_\_\_

Name and Title

Onsite Date: December 16, 1987

Participants on Joint Inspection

Keith Chapman - B.L.M.

Russell Ivie - Maxus Exploration

Harley Jackson - Trikon Kent

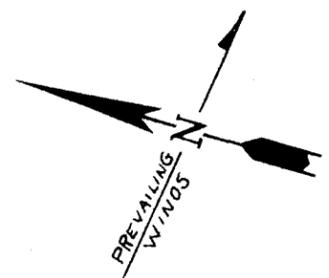
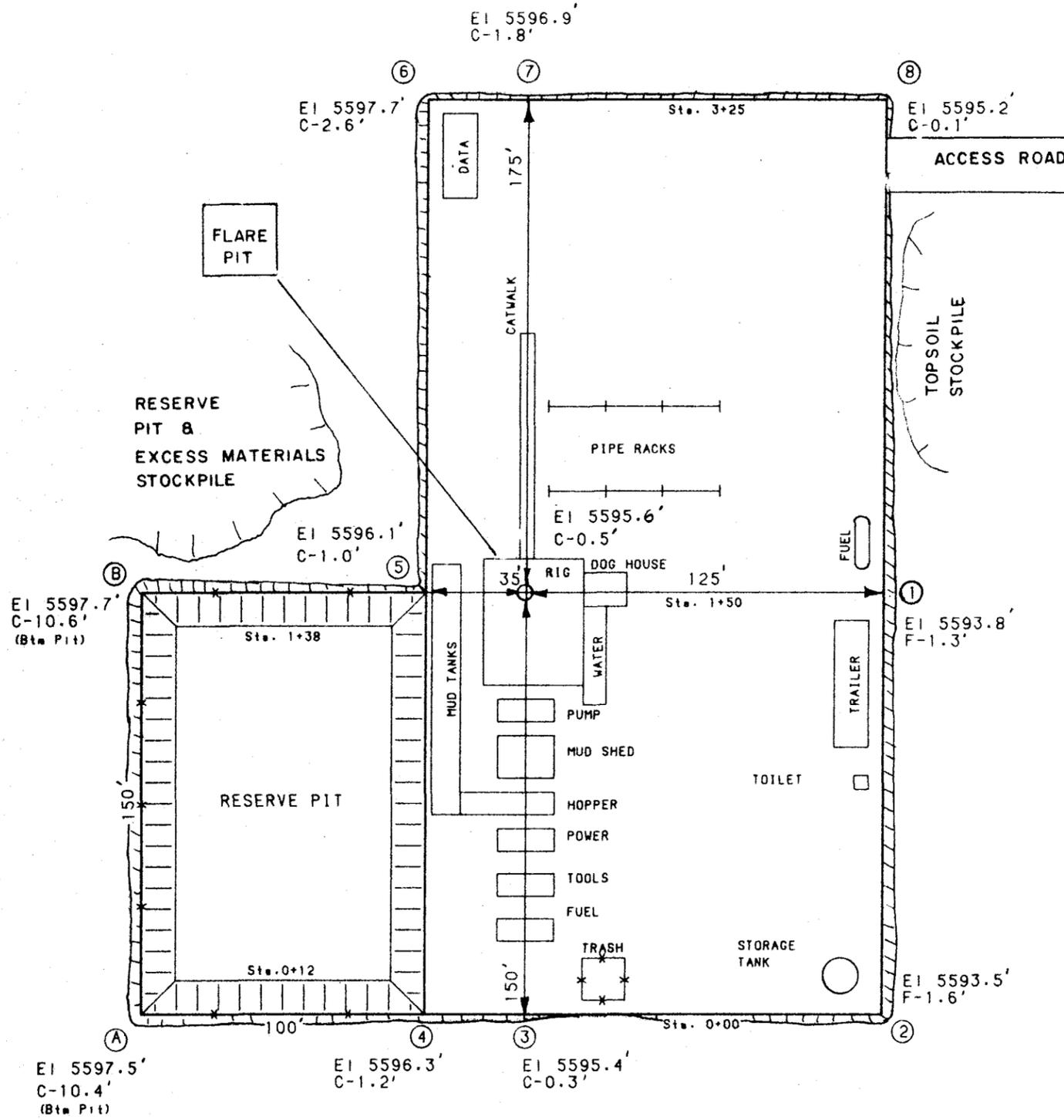
Furlin Behunin - Trikon Kent

John Slaugh - UELS

MAXUS EXPLORATION

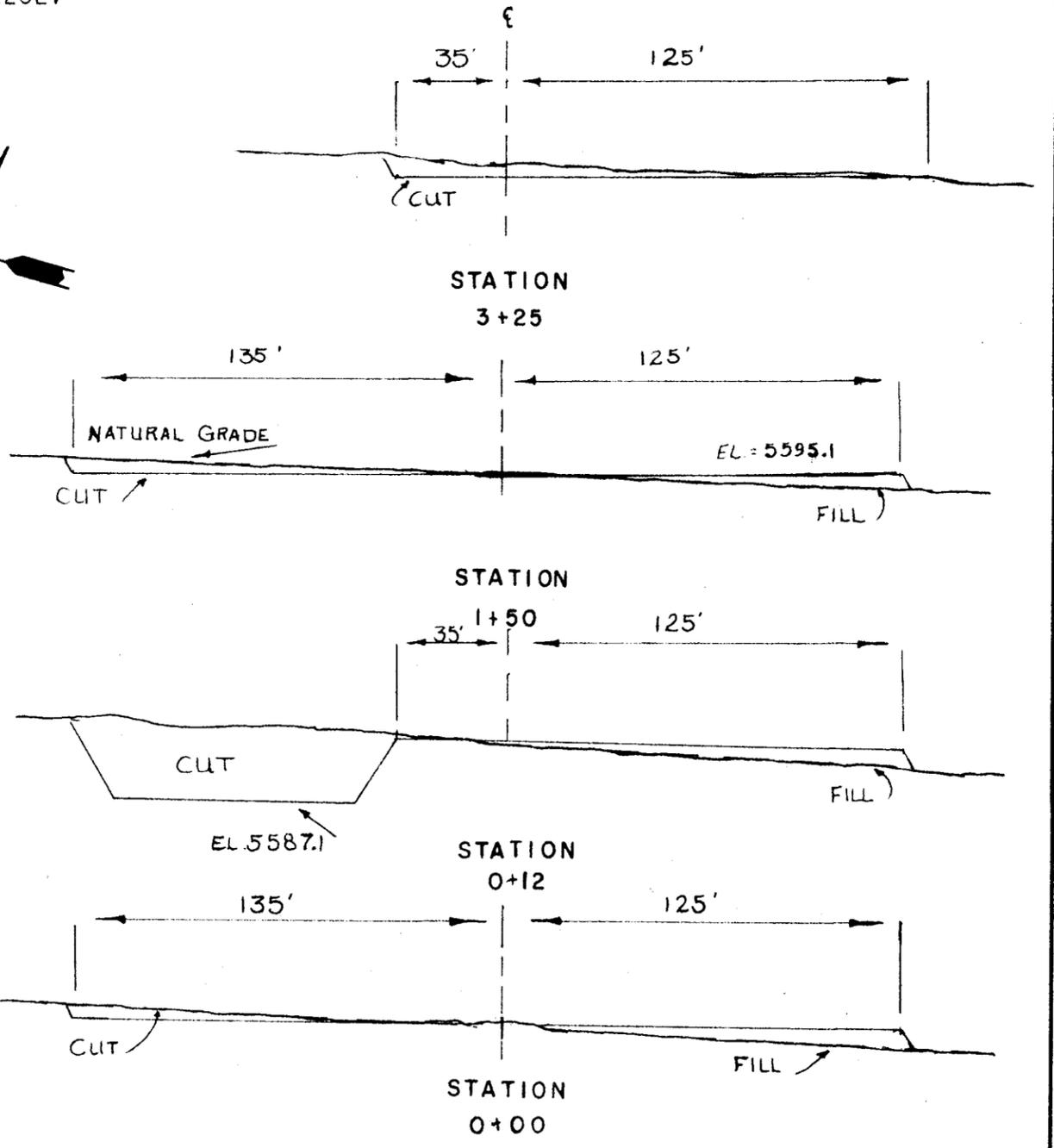
COYOTE BASIN #32-6

SECTION 6, T8S, R25E,  
S.L.B.&M.



SCALE: 1" = 50'  
DATE: 12/8/87

X-Section Scale  
1" = 50'



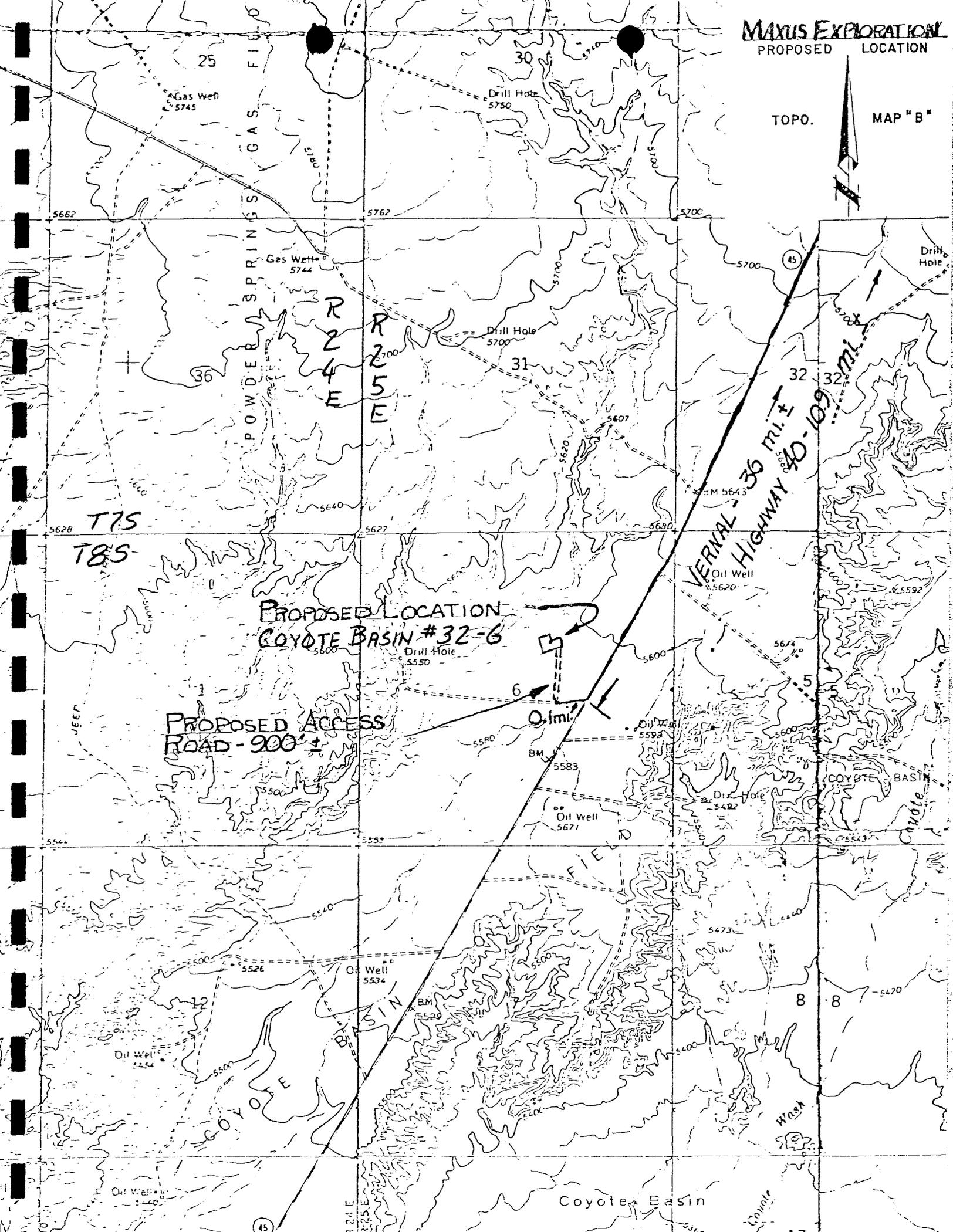
APPROXIMATE YARDAGES

CUT		EXCESS MATERIAL AFTER	
(6) Topsoil Stripping	= 1,250 Cu. Yds.	20% COMPACTION	= 4,687 Cu. Yds.
Pit Volume (Below Grade)	= 3,598 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,049 Cu. Yds.
Remaining Location	= 1,245 Cu. Yds.	EXCESS UNBALANCE (After Rehabilitation)	= 1,638 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 6,093 CU. YDS</b>		
<b>FILL</b>	<b>= 1,125 CU. YDS</b>		



TOPO.

MAP "B"



25

30

Gas Well 5745

Drill Hole 5750

5667

5762

5700

Gas Well 5744

Drill Hole 5700

5700

POWDER SPRINGS GAS FIELD  
R 24 E  
R 25 E

31

45

Drill Hole

36

VERNAL HIGHWAY 36 mi. ±  
40-109 mi.

T75  
T85

5627

5690

PROPOSED LOCATION  
COYOTE BASIN #32-6

Drill Hole 5550

Oil Well 5620

5592

PROPOSED ACCESS  
ROAD - 900'

0.1 mi.

BM 5583

Oil Well 5671

Drill Hole 5492

COYOTE BASIN

5544

5558

12

COYOTE BASIN

BM 5520

Oil Well 5454

Oil Well 5534

5473

8

8

5470

Oil Well 5440

Coyote Basin

Coyote Wash

45

Cultural Resources Inventory Report  
ON  
Proposed Federal Well Coyote Basin #32-6,  
in Uintah County, Utah,  
for  
Maxus Exploration

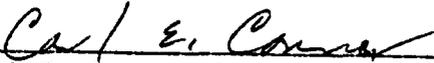
GRI Project No. 8744

8 December 1987

Prepared by

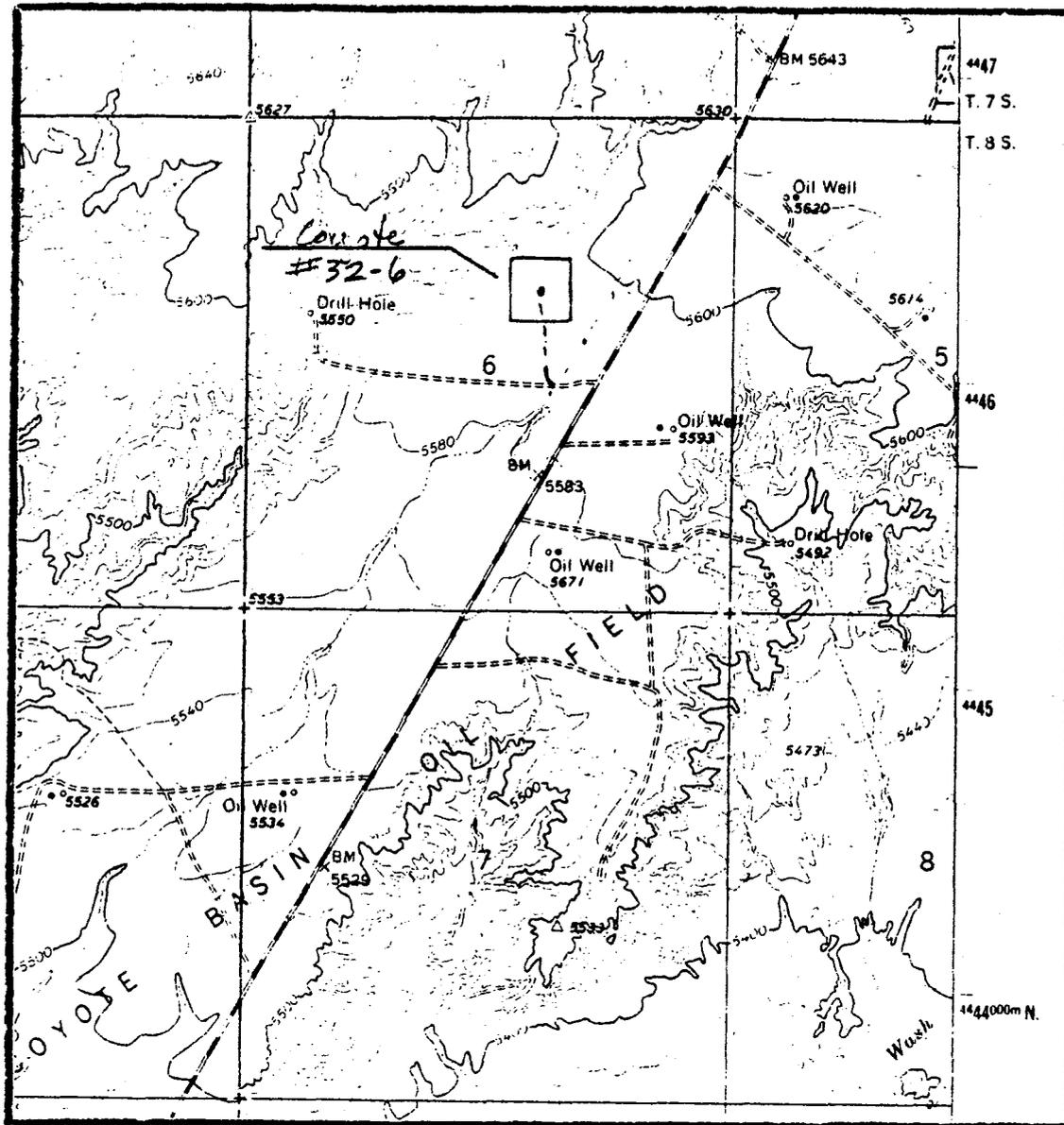
Grand River Institute  
P.O. Box 3543  
Grand Junction, Colorado 81502

Utah BLM Antiquities Permit No. 87-UT-54939  
Project Authorization No. U-87-GB-779b

  
\_\_\_\_\_  
Carl E. Conner, Project Archaeologist

Submitted to

The Bureau of Land Management  
Vernal District Office  
P.O. Box F  
Vernal, Utah 84078



Dinosaur NW Quadrangle  
 Utah--Uintah County  
 1968  
 USGS 7.5' series (topographic)  
 Scale 1:24000  
 Contour interval 20 feet

T. 8S., R. 25E.

Cultural resources inventory of a federal well location Coyote #32-6 and related 0.15 mile new access in Uintah County, Utah, for Maxus of Vernal. Area surveyed for cultural resources is highlighted. CGRI 8744, 12/8/871.



010813

OPERATOR Mapus Exploration DATE 12-30-87

WELL NAME Coyote Basin 32-6

SEC SW NE 6 T 85 R 25E COUNTY Wintah

43-047-31835  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well in W/2 NE 1/4 of Sec. 6 (Drilling Unit 17)  
Need water permit

APPROVAL LETTER:

SPACING:  R615-2-3

UNIT

R615-3-2

129-1 9-13-67  
CAUSE NO. & DATE  
Drilling Unit 17

R615-3-3

STIPULATIONS:

1- Water

\* 3-9-89 Spacing chg. from Cause No. 129-1 to  
R615-3-3 (exception location). see letter dated March 9.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 7, 1988

Maxus Exploration Corporation  
P. O. Box 1669  
Vernal, Utah 84078

Gentlemen:

Re: Coyote Basin 32-6 - SW NE Sec. 6, T. 8S, R. 25E - Uintah County  
1900' FNL, 2200' FEL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 129-1 dated September 13, 1967, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

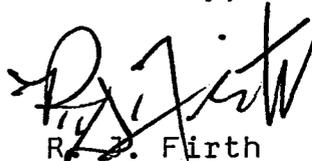
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2  
Maxus Exploration Corporation  
Coyote Basin 32-6  
January 7, 1988

5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31835.

Sincerely,



R. Z. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson

DOGMA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

2. NAME OF OPERATOR  
 MAXUS EXPLORATION CORPORATION

RECEIVED  
 JAN 11 1988

5. LEASE DESIGNATION AND SERIAL NO.  
 U-020309D *Dr. 1.*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 011209

7. UNIT AGREEMENT NAME  
 COYOTE BASIN

8. FARM OR LEASE NAME

9. WELL NO.  
 32-6

10. FIELD AND POOL, OR WILDCAT  
 FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SEC. 6, T8S, R25E, S.L.M.

12. COUNTY OR PARISH  
 UINTAH

13. STATE  
 UTAH

16. NO. OF ACRES IN LEASE  
 240

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 3000' ±

19. PROPOSED DEPTH  
 4800'

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. APPROX. DATE WORK WILL START\*  
 A.S.A.P.

3. ADDRESS OF OPERATOR  
 P.O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At surface  
 1900' FNL 2200' FEL, SECTION 6, T8S, R25E, S.L.M.  
 At proposed prod. zone  
 4800'

DIVISION OF  
 OIL GAS & MINING

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 35 MILES SOUTHEAST OF VERNAL, UTAH 43-047-31835

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 570'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5596' GR.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	K-55 24#	0-250'	CEMENT TO SURFACE 200 SACKS
7 7/8"	5 1/2"	K-55 18.50#	0-4800'	CIR. FROM T.D. TO 300'

SEE 10 POINT DRILLING COMPLIANCE PROGRAM

ATTACHMENTS:

- 10 POINT COMPLIANCE PROGRAM
- EXHIBIT 'A' - BOP & AUXILIARY EQUIPMENT
- CERTIFIED SURVEY PLAT
- 13 POINT SURFACE USE PLAN
- CUT SHEET
- TOPO MAP 'A'
- TOPO MAP 'B'

DEC 1987

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 *Russ Lurie* TITLE DISTRICT SUPERINTENDENT DATE 12/18/87

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 ASSISTANT DISTRICT  
 MANAGER MINERALS  
 APPROVED BY *Quinn* TITLE \_\_\_\_\_ DATE 1-5-88  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Maxus Exploration Corporation Well No. 32-6  
Location SW $\frac{1}{4}$ NE $\frac{1}{4}$  Sec. 6 T8S R25E Lease No. U-020309-D

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 Order No. 1, 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.

A. DRILLING PROGRAM

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

All fresh 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.

Report ALL water shows and water-bearing sands to Wayne Svejnoha 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.

2. Pressure Control Equipment

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

An annular bag-type BOP shall be utilized. The ram-type preventers shall be tested to 2,000 psi, and the annular preventer shall be tested to 1,500 psi.

3. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the drilling fluid 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.

If the 5½" casing is run and cemented in place, a cement bond log (CBL) shall be run and copies submitted 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 authorized officer (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 spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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.

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 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

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 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 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.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

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 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.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

7. Other Information

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease 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 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 the API standards for liquid hydrocarbons and the AGA standard 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 work-over 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."

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.

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).

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

Craig M. Hansen Assistant District Manager for Minerals	(801) 247-2318
Gerald E. Kenczka Petroleum Engineer	(801) 781-1190
R. Allen McKee Petroleum Engineer	(801) 781-1368

Revised October 1, 1985

Date NOS Received 12/08/87

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator Maxus Exploration Corporation  
Well Name & Number Coyote Basin 32-6  
Lease Number U-020309-D  
Location SW ¼ NE ¼ Sec. 6 T. 8 S. R. 25 E.  
Surface Ownership Federal

B. THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Well Site Layout

The stockpiled reserve pit materials will be stored east of the reserve pit.

2. Plans for Restoration of Surface

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

3. Additional Surface Stipulations for BLM, BIA, FS, DWR, or Private Surface Lands:

The operator or his contractor shall contact the BLM Office at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact Jim Piani of the Bookcliffs Resource Area.

The operator is given notice that the area has been identified as crucial pronghorn antelope habitat. Modifications may be required to this surface use plan to protect the pronghorn during the kidding period of May 15 to June 20.

The operator shall avoid the kidding period in scheduling construction and drilling activities.



WELL PROGNOSIS

COYOTE BASIN 32-6

Page 1 of 2

MAXUS EXPLORATION COMPANY  
370 17th Street, Suite 2900  
Denver, Colorado 80202

030911

RECORDED  
MAR 07 1988

REPRESENTATIVES: MARTY SMITHEY  
Office: (303) 575-0293  
Home: (303) 623-2064

STAN WHITE  
(303) 575-0251  
(303) 791-2196

DIVISION OF  
OIL, GAS & MINING

WELL NAME: COYOTE BASIN 32-6

Dr.  
43-047-31835

ELEVATION: GR: 5596'  
KB: 5608' (est.)  
DRILLING RIG: --

LOCATION: SWNE Sec 6-8S-25E  
1950' FNL, 2200' FWL  
Uintah County, UT

FORMATION TOPS:	FORMATION	DEPTH KB	DEPTH SUBSEA	OIL	GAS
respective Pay Zones	Uintah	Surf.	--		
indicated as follows:	Top Green River	1949	3659	*	
possible *	Top Oil Shale	2069	3539	*	
probable **	Base Oil Shale	3349	2259		
most Likely ***	Green River "B"	3635	1973		
	Top Douglas Creek	4013	1595		*
	Top Shale Marker	4395	1213		
	Wasatch Tongue Mark.	4455	1153		
	Base Carbonate Mark	4477	1131		
	5 sand	4477	1131		
	4 sand	4509	1099		
	3u sand	4537	1071	**	
	3m sand	4551	1057	***	
	3l sand	4580	1028	**	
	2 sand	4601	1007		
	Y Marker	4622	986		
	Top Wasatch	4700	908		
	TD	4800	808		

SAMPLES: 30' sample surf. to TD  
10' sample 3800' to TD

ELECTRIC LOGS: Dual Induction Guard Log w/GR&SP (TD-surf. casing); Spectral Density/  
Dual Spaced Neutron/GR/Cal (TD-3800'); Full Wave Sonic w/Digitized Waveforms  
(TD-3800')

TESTS: two-over 3 sand 4535-4595 (approx.)

CORES: one 60' conventional core 4535-4595 (approx.)

LOGGING UNIT: one-man unit - 1000' to TD

LOGGING PROGRAM:

DISTRIBUTION OF DATA:

	E-Logs Field	E-Logs Final	E-Logs Telecopy	Mud Log Daily	Mud Log Final	E-Logs Film	E-Logs Sepia	Final Report	Dst's	Core Rpts.	Samples Dry Cut	LIS Tapes
MAXUS EXPLORATION COMPANY 70 17th St #2900 Denver CO 80202 ATTN: Marty Smithey	2	2	1	1	2	1	-	2	2	2		1
MAXUS EXPLORATION COMPANY P.O. Box 2530 Billings WY 82644	1	1		1	1			1	1	1		
MAXUS EXPLORATION COMPANY Drawer E Bernal, UT 84078	1	1		1	1			1	1	1		

WELL NAME COYOTE BASIN 32-6

DATE: 02/26/88 PAGE 2 OF 2

E-LOGS FIELD  
 E-LOGS FINAL  
 E-LOGS TELECOPY  
 MUD LOG DAILY  
 MUD LOG FINAL  
 E-LOGS FILM  
 FINAL SEPIA  
 DST  
 CORE REPORTS  
 SAMPLES DRY CUT

LIS Tapes

DISTRIBUTION OF DATA:

BLM  
 170 S. 500 E  
 Vernal, UT 84078

1 1 1 1 1 1 1 1 1

Utah Division of Oil, Gas & Mining  
 3 Triad Center, #350  
 355 W. North Temple  
 Salt Lake City, UT 84180-1203

1 1 1 1 1 1 1 1 1

Apache Corporation  
 1700 Lincoln Street, Suite 1900  
 Denver, CO 80203  
 ATTN: Dick Brunner  
  
 (W) (303) 837-5472  
 (H) (303) 985-7038  
 Telecopy (303) 837-5685

3 3 1\* 1 2 1 2 2 2

\*probable pay zones only

Roselind Oil & Gas  
 P.O. Box 404  
 Tyler, TX 75710  
 ATTN: Ken Allen

1 1 1 1 1 1 1 1 1

(W) (801) 722-5081  
 (H) (801) 722-9966

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS MANNER  
(Other instructions on reverse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

6. LEASE DESIGNATION AND SERIAL NO.

U-020309D

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

031107

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

COYOTE BASIN

9. WELL NO.

32-6

10. FIELD AND POOL, OR WILDCAT

COYOTE BASIN FIELD

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

SEC. 6 T8S R25E

12. COUNTY OR PARISH 13. STATE

UTINTAH

UTAH

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

1900' FNL & 2200' FEL

14. PERMIT NO.

43-047-31835

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

5596' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

DATE & TIME SPUDED: March 6, 1988, 11:30 A.M.

SPUDED BY: Leon Ross Drilling  
ROTARY RIG: OLSEN DRILLING RIG #7  
MI & RU:

Drilled 12 1/4" hole to 275'. Ran 7 jts 8 5/8" K-55 24# casing to 289.90' KB, cement to surface with 180 sx Class "G" w/2% Calc 1/4# gal cello flake.

CALLED REPORT OF SPUD TO JERRY KENCZKA WITH THE VERNAL BLM AND TO ARLENE WITH THE STATE OF UTAH 3-7-88 9:00 A.M.

APPLICATION NO. T63096 TO APPROPRIATE WATER, DALBO, INC.

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

SIGNED

*Russ Ivie*  
RUSS IVIE

TITLE

DISTRICT SUPERINTENDENT

DATE

3-7-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NOSLES  
MAXUS

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by JB  
Fee Rec. 30.00  
Receipt # 2384B  
Microfilmed \_\_\_\_\_  
Roll # \_\_\_\_\_

## APPLICATION TO APPROPRIATE WATER

040408

For the purpose of acquiring the right to use a portion of appropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 13, Chapter 3 of the Utah Code Annotated 1953, as amended.

RECEIVED  
MAR 28 1988

RECEIVED  
MAR 03 1988

DIVISION OF  
OIL, GAS & MINING

WATER RIGHTS  
SALT LAKE

27

WATER USER CLAIM NO. 49 - 1444

APPLICATION NO. T63096

1. PRIORITY OF RIGHT: February 29, 1988

FILING DATE: February 29, 1988

2. OWNER INFORMATION

Name: Dalbo Inc.  
Address: P.O. Box 1168, Vernal, UT 84078  
The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 4.0 acre feet (Ac. Ft.)

4. SOURCE: White River DRAINAGE: SE Uinta Basin

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) N. 400 feet, W. 1850 feet, from the E $\frac{1}{4}$  Corner of Section 2,  
Township 10 S, Range 24 E, SLB&M

Description of Diverting Works: Pump from river

COMMON DESCRIPTION:

5. NATURE AND PERIOD OF USE

Oil Exploration From March 12 to February 28.

Dr.  
43-047-31835

6. PURPOSE AND EXTENT OF USE

Oil Exploration: Oil well drilling and completion of Cayote Basin #32-6 Oil Well.

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
8 S 25 E 6	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

EXPLANATORY

Land leased for oil well drilling.

\*\*\*\*\*

The applicant hereby acknowledges he/they are a citizen(s) of the United States or Intends to become such a citizen.

\*\*\*\*\*

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

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

*Ken Rice (Dalbo)*  
Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

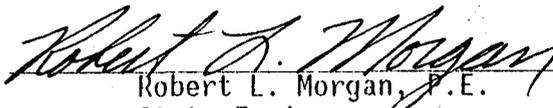
WATER RIGHT NUMBER: 49 - 1444

APPLICATION NO. T63096

1. February 29, 1988    Application received by TNB.
  2. March 21, 1988    Application designated for APPROVAL by RWL and KLJ.
  3. Comments:
- 

Conditions:

This application is hereby APPROVED, dated March 25, 1988, subject to prior rights and this application will expire on March 25, 1989.

  
Robert L. Morgan, P.E.  
State Engineer

RECEIVED  
APR 18 1988

DIVISION OF  
OIL, GAS & MINING

MAXUS EXPLORATION COMPANY

COYOTE BASIN 32-6

1950' FNL, 2200' FWL  
SWNE Sec. 6, T8S, R25E  
Uintah County, Utah

Charles S. Chapman  
Charles S. Chapman  
Geologist

WELL DATA

OPERATOR: Maxus Exploration Company  
WELL NAME: Coyote Basin 32-6  
LOCATION: 1950' FNL, 2200' FWL  
SWNE Sec. 6, T8S, R25E  
Uintah Co., Utah  
FIELD: Coyote Basin  
ELEVATION: G.L. 5596', K.B. 5609.8'  
OBJECTIVE: The 3 sands of the lower Douglas Creek member of the  
Green River Formation.  
SPUD DATE: March 26, 1988  
COMPLETED: April 10, 1988  
STATUS: Ran production casing April 12, 1988.  
CONTRACTOR: Olsen/Winrock Drilling Co. Rig no. 7  
MUD LOGGING: Chapman Exploration Services, Charles S. Chapman  
ELECTRIC LOGS: Dresser Atlas

DAILY REPORTS

Date: 3/29/88

Operation: Drilling

Depth @ 6:00 am: 2186

Footage (24 Hours): 164'

Midnight Depth: 2134'

Penetration Rate: 7.5-17 ft./hr., 3.5-8.0 min./ft.

Rotary Data: 90 RPM, 8/10K WOB, 500 PP, 60 SPM.

Mud Data: Drilling with water. MW 8.3, Vis 26, ph 10.0, Cl<sup>-</sup> 200, Ca 280.

Surveys: 1/4° @ 360, 1/2° @ 500, 1/4° @ 663, 1/4° @ 817, 1/4° @ 1095  
1/4° @ 1300, 1/2° @ 1550, 1/4° @ 1800, 2° @ 1957, 2 1/4° @ 1989  
2 1/4° @ 2019, 3 1/4° @ 2070, 3 3/4° @ 2100, 3° @ 2133.

Formation Tops: Green River Oil Shale @ 2060'.

General Lithology: Shale, light-dark brown, gray, light green, dull red brown, sandy-silty, calcareous, carbonaceous and micaceous in part, sub-blocky, firm-hard.

Background Gas: 0-3 units C1.

Connection Gas: 0-3 units C1.

Remarks: Mud logging unit rigged-up and logging from 2000', 4/28/88. Started gradually losing drilling fluid at 1940', lost 500 barrels in 24 hours. Lost returns temporarily at 2127, lost 100 barrels drilling fluid. Drill hole becoming drastically deviated at 1957', weight on the bit reduced from 38K to 10k and rpm's increased from 70 to 90-95 to counteract tendency of drill bit to walk up dip.

Shows:

2060-2090 Shale, brown-dark brown, dark gray, calcareous, silty, carbonaceous and micaceous in part, pyritic, fissile- sub-blocky, firm-hard, with trace dull yellow fluorescence, slow streaming cut, no gas or drilling break indicated.

Date: 4/30/88

Operation: Drilling.

Depth @ 6:00 am: 2376

Footage (24 Hours): 190.

Midnighth Depth: 2313.

Penetration Rate: 11-19 ft./hr., 3.2-5.4 min./ft.

Rotary Data: 90 RPM, 10/12K WOB, 500 PP, 60 SPM.

Mud Data: MW 8.3, Vis 26, ph 9.0, Cl<sup>-</sup> 200, Ca 100.

Surveys: 2° @ 2193, 3 1/4° @ 2256, 4° @ 2282, 3 3/4° @ 2317

General Lithology: Shale, buff, light brown-tan, minor dark brown, very calcareous, carbonaceous and micaceous in part, fissile-sub-blocky, soft-firm, with dull brown fluorescence, no cut.

Background Gas: 4-5 units C1.

Connection Gas: 4-5 units C1.

Remarks: Tripped for new bit no. 2 at 2313. Dull bit no. 1, 7 7/8", R.B.I., C-3, in @ 289 out @ 2313, made 2024' in 79 hours.

Date: 4/31/88

Operation: Drilling.

Depth @ 6:00 am: 2554'.

Footage (24 Hours): 178'.

Midnight Depth: 2530'.

Penetration Rate: 3-7 ft./hr., 10.5-18 min./ft.

Rotary Data: 90 RPM, 8/6K WOB, 550 PP, 60 SPM.

Mud Data: MW 8.3, Vis 26, pH 9.5, Cl<sup>-</sup> 200, Ca 120.

Surveys: 3 1/2° @ 2420, 4 1/2° @ 2482, 4 1/2° @ 2513, 4° @ 2543.

General Lithology: Shale, light-dark brown, purple, light green, variable colored, slightly-very calcareous, micaceous and pyritic in part, carbonaceous and laminated in part, fissile-sub-blocky, soft-firm. with trace Sandstone, white, light gray, very fine grained, subrounded, calcareous cement, well sorted, unconsolidated.

Background Gas: 0-3 units C1.

Connection Gas: 0-3 units C1.

Remarks: Still fighting deviation, with no oil or gas shows.

Date: 4/1/88

Operation: Drilling.

Depth @ 6:00 am: 2790'.

Footage (24 Hours): 236'.

Midnight Depth: 2728'.

Penetration Rate: 13 ft./hr., 4.0-4.6 min./ft.

Rotary Data: 90 RPM, 14/16k WOB, 550 PP, 60 SPM.

Mud Data: MW 8.3, Vis 26, PH 9.5, Cl<sup>-</sup> 200, Ca 200

Surveys: 3 3/4° @ 2570, 3 1/2° @ 2605, 3 1/2° @ 2700, 2 1/2° @ 2750.

General Lithology: Shale, light-dark brown, tan, buff, slightly-very calcareous, carbonaceous and laminated in part, micaceous and pyritic in part, fissile-sub-blocky, soft-firm, with trace amounts dull yellow fluorescence, with fair fast streaming cut, also some samples with greasy luster.

Background Gas: 4-12 units C1.

Connection Gas: 10-12 units C1.

Survey Gas: 30-45 units C1.

Remarks: Lost circulation at 2752', lost 500 barrels drilling fluid.

Shows:

2600-2810 Shale, (oil shale), light-dark brown, tan, buff, slightly-very calcareous, carbonaceous and laminated in part, micaceous, and pyritic in part, greasy luster in part, fissile-sub-blocky, soft-firm, with trace to abundant dull yellow fluorescence, fair fast streaming cut, with trace amounts Sandstone, with brown oil stain, very fine grained, subrounded, unconsolidated, with dull yellow fluorescence, weak fast streaming cut.

Drill Rate: Before: 5-10 During: 3.2-8.2 After: 4.0-4.5

Gas: Before: 2-3 u C1 During: 5-12u C1, After: 6-12u C1.

Date: 4/2/88

Operation: Drilling

Depth @ 6:00 am: 3190'.

Footage (24 Hours): 400'.

Midnight Depth: 3024'.

Penetration Rate: 25-100 ft./hr., 0.6-2.4 min./ft.

Rotary Data: 70/80 RPM, 28/30 WOB, 550 PP, 60 SPM.

Mud Data: MW 8.3, Vis 26, pH 9.5, Cl<sup>-</sup> 200, Ca 80

Surveys: 2 1/2<sup>o</sup> @ 2820, 2 1/4 @ 2907, 2<sup>o</sup> @ 3000, 2<sup>o</sup> @ 3090

General Lithology: 20% Sandstone, white, clear, very fine grained, well sorted, subangular, calcareous cement, loosely consolidated-unconsolidated. 80% Shale, light-dark brown, cream-tan, gray, red brown, slightly-very calcareous, organic & carbonaceous, in part, laminated & pyritic in part, fissile-subblocky, firm, also minor silty, with trace dull yellow fluorescence, no cut.

Background Gas: 2-52 units C1.

Connection Gas: 5-50 units C1.

Survey Gas: 21-51 units C1.

Trip Gas: 100 units C1 @ 2820'.

Remarks: Tripped for plugged bit and drill pipe at 2820'.

No oil or gas shows.

Date: 4/3/88

Operation: Drilling

Depth @ 6:00 am: 3886 '.

Footage (24 Hours): 696'

Midnight Depth: 3660

Penetration Rate: 38-50 ft./hr., 1.2-1.6 min./ft.

Rotary Data: 80 RPM, 40K WOB, 600 PP, 60 SPM

Mud Data: MW 8.3, Vis 26, pH 10.5, Cl<sup>-</sup> 200, Ca 280

Surveys: 2° @ 3230, 2° @ 3350, 2° @ 3467, 1 3/4° @ 3649, 1 3/4° @ 3866

Formation Tops: Base of Oil @ 3350', Green River "B" @ 3620'.

General Lithology: Shale, gray-dark gray, gray green, light brown,  
minor dark brown, calcareous, silty, pyritic in  
part, micaceous in part, fissile, firm.

Background Gas: 2-35 units C1.

Connection Gas: 28-45 units C1.

Survey Gas: 58-350 units C1 @ 3659

Remarks: Still losing circulation gradually during drilling.

No oil or gas shows.

Date: 4/4/88

Operation: Circulating bottoms-up at 4530' core point.

Depth @ 6:00 am: 4530'.

Footage (24 Hours): 644'.

Midnight Depth: 4137'.

Penetration Rate: 17 ft./hr., 3.0-5.2 min./ft.

Rotary Data: 75 RPM, 40/44K WOB, 575 PP, 60 SPM.

Mud Data: MW 8.3, Vis 26, pH 9.5, Cl<sup>-</sup> 200, Ca 80

Formation Tops: Douglas Creek @ 4000', Shale Marker @ 4380,  
Wasatch Tongue @ 4430', Base Carbonate @ 4470'.

General Lithology: Shale, gray, gray green, red brown, maroon, slightly calcareous, silty, sandy in part, fissile-subblocky, soft-firm, with minor amounts of Sandstone, light gray, white, very fine grained, subrounded, well sorted, slightly calcareous cement, loosely consolidated-unconsolidated and minor amounts Limestone, cream-white, crypto-crystalline, fossiliferous (oolitic & ostracodal) chalky, subblocky, firm.

Background Gas: 0-37 units C1.

Connection Gas: 25-51 units C1.

Trip Gas: 425 units C1 @ 4174'.

Remarks: Lost Circulation at 4174', short Tripped to build mud volume, regained circulation and reamed 80' to bottom of hole. Started mudding up at 4450' to begin coring at 4530'. Background gas fell off to 0-3units C1, do to high viscosity and mud weight.

Shows:

4200-4280 Trace-10% Sandstone, white, light gray, clear, very fine grained, subrounded, well sorted, calcareous cement, consolidated, with trace bright yellow fluorescence, weak-poor fast streaming cut.

Drill Rate: Before: 1.6-2.0 During: 0.8-1.6 After: 2.0  
Gas: Before: 10u C1 During: 10-25u C1 After: 6-18u C1.

4430-4480 20-50% Limestone, white-cream, gray, cryptocrystalline, chalky, oolitic and ostracodal, subblocky, firm-hard, with trace dull yellow fluorescence, none-poor fast streaming cut.

Drill Rate: Before: 1.4 During: 1.2-5.6 After: 2.6-3.2  
Gas: Before: 23u C1 During: 8-37u C1 After: 6-7u C1.

Date: 4/5/88

Operation: Conditioning drill hole to core at 4530'.

Depth @ 6:00 am: 4530'.

Footage (24 Hours): 0

Midnight Depth: 4530'.

Mud Data: MW 8.4, Vis 52, WL 10.0, pH 9.5, SOL 0.5, Cl<sup>-</sup> 200, Ca 60, LCM 32  
MW 8.5, Vis 45, WL 10.2, pH 9.0, SOL 1.3, Cl<sup>-</sup> 200, Ca 60, LCM 18

Surveys: 1 1/2<sup>0</sup> @ 4530'.

Remarks: Dull Bit no. 2, 7 7/8", Vare1, V557, in @ 2313, out @ 4530,  
made 2217' in 109 1/4 hours.

Tripped in the hole with core bit, hit bridge at 2220',  
lost circulation and got stuck, jarred free, tripped out  
of hole, 7 stands, mixed and pumped 300 bbls 5% LCM pill  
with no returns.

Tripped out of hole, layed down core barrel.

Picked up bit tripped in hole to 1017, pumped 300 bbls 20%  
LCM, with no returns.

Built up mud volume and pumped 250 bbls 30% LCM, with no  
returns.

Tripped into casing, built up mud volume, pumped 150 bbls  
30% LCM down backside, got returns, built up mud volume.

Tripped in hole, wash and reamed bridge at 2220', circulated.

Tripped in hole, wash and reamed at 4226', lost returns,  
tripped out hole 9 stands, pumped 30% LCM pill, got returns,  
lost 250 bbls mud, mixed and built volume at 3262'.

Lost 1250 bbls mud last 24 hours

Date: 4/6/88

Operation: Coring, from 4547'.

Depth @ 6:00 am: 4553'

Footage (24 Hours): 23'.

Midnight Depth: 4547'.

Penetration Rate: 2-3.5 ft./hr., 13.4-26.8 min./ft.

Rotary Data: 56 RPM, 15K WOB, 800 PP, 36 SPM

Mud Data: MW 8.5, Vis 41, WL 10.0, pH 9.5, Cl<sup>-</sup> 200, Ca 60, SOL 1.3, ICM 6

General Lithology: Shale, light green-green, red brown, maroon, mottled maroon and yellow brown, non-slightly calcareous, sandy and silty, blocky, firm, with traces of Sandstone, white, light gray, very fine grained, subrounded, slightly calcareous cement, loosely consolidated.

Background Gas: 2-3 units C1.

Connection Gas: 2-3 units C1.

Remarks: Background gases suppressed do to high viscosity and mud weight, and also slow drilling rate. Drilled another 17' with conventional bit and started coring at 4547'.

Date: 4/7/88

Operation: Conditioning hole for Dst no. 1, at 4603'.

Depth @ 6:00 am: 4603'.

Footage (24 Hours): 50'.

Midnight Depth: 4577'.

Penetration Rate: 18 ft./hr., 5.0-14.2 min./ft.

Rotary Data: 70 RPM, 45K WOB, 600 PP, 60 SPM.

Mud Data: MW 8.6, Vis 40, WL 10.0, pH 10.0, Cl<sup>-</sup> 250, Ca 60, SOL 2.0, LCM 9

General Lithology: 50% Sandstone, white, light gray, fine grained, subrounded-well rounded, well sorted, slightly calcareous cement, loosely consolidated-unconsolidated, with apparent visible porosity, minor dull-bright yellow fluorescence, weak-good fast streaming cut, and Shale, gray-dark gray, minor green, red brown, slightly-very calcareous, silty and sandy in part, fissile-subblocky, firm.

Background Gas: 2-10 units C1.

Connection Gas: 10 units C1.

Trip Gas: None evident.

Remarks: Finished coring from 4547' to 4577', recovered 30' of core, predominately Shale, grading to Shaley Sandstone, with 6" of clean Sandstone at the base. Tripped out of the hole, and went back in with with conventional bit to drill to 4603' and run Dst no. 1 from 4542 to 4603'.

Shows:

4577-4600 Predominately Shale, with trace amounts Sandstone, white, light gray, fine grained, minor medium grained, subrounded-well rounded, slightly calcareous cement, well sorted, loosely consolidated-unconsolidated, with trace dull-bright yellow fluorescence, fair fast streaming cut. no drill break or gas increase evident.

4600-4603 50% Sandstone, white, light gray, fine grained, minor amounts medium grained, subrounded-well rounded, well sorted, slightly calcareous cement, loosely consolidated-unconsolidated, with minor amounts dull-bright yellow fluorescence, weak-good fast streaming cut, and apparent visible porosity.  
Drill rate starting to break at 4595' from 4.6 min./ft to 4.2 min./ft. No gas increase evident.

Date: 4/8/88

Operation: Tripping out of hole with Dst tools.

Depth @ 6:00 am: 4603'

Footage (24 Hours): 0.

Midnight Depth: 4603'.

Mud Data: MW 8.5, Vis 45, WL 7.6, pH 10.0, Cl<sup>-</sup> 250, Ca 60, SOL 1.2, LCM 8

Remarks: Packers failed on DST no.1, from 4542' to 4603'=61', but recovered 1480' of drilling fluid in pipe.

Date: 4/9/88

Operation: Tripping out of hole with tools from Dst no. 2.

Depth @ 6:00 am: 4603'.

Footage (24 Hours): 0'.

Midnight Depth: 4603'.

Mud Data: MW 8.5, Vis 50, WL 7.4, pH 10.5, Cl<sup>-</sup> 250, Ca 60, SOL 1.3, LCM 5

Remarks: Packers failed on Dst no. 2, from 4559 to 4603' = 44'.

Date: 4/10/88

Operation: Drilling

Depth @ 6:00 am: 4760'.

Footage (24 Hours): 157'.

Midnight Depth: 4724'.

Penetration Rate: 6-10 ft./hr., 3.2-9.8 min./ft.

Rotary Data: 65 RPM, 45K WOB, 550 PP, 60 SPM.

Mud Data: MW 8.5<sup>+</sup>, Vis 49, WL 7.6, pH 10.5, Cl<sup>-</sup> 250, Ca 60, SOL 123, LCM 5

Formation Tops: Wasatch @ 4660'.

General Lithology: 10% Sandstone, white, light gray, very fine-fine grained, subrounded-well rounded, moderate sorting, calcareous cement, consolidated, tight, and 80% Shale, gray-dark gray, dark brown, calcareous-very calcareous, silty and micaceous in part, fissile-subblocky, firm-hard, and 10% Limestone, cream-light brown, gray, cryptocrystalline, oolitic and ostracodal, chalky, firm-hard.

Background Gas: 0-2 units C1.

Connection Gas: 0-2 units C1.

Remarks; Reached total depth of 4790' at 0830 hours, 4/10/88, circulated bottoms up, short tripped, tripped back to bottom to condition hole to run E-Logs. Tripped out of hole to run E-Logs. Logging tools hit bridge at 4030', came back out of hole. Tripped back into hole with drill pipe and wash and reamed through tight zone, then circulated and conditioned hole for E-Logs.

Shows:

4603-4610 70% Sandstone, white, light gray, fine grained, with minor medium grain, subrounded-well rounded, well sorted, slightly calcareous cement, loosely consolidated-unconsolidated, with visible porosity, minor dull-bright yellow fluorescence, weak-good fast streaming cut.

Drill Rate: Before: 4.2 During: 2.4-4.2 After: 5.8

Continuation of Sandstone developing at 4600', no evident increase in background gas.

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR MAXUS EXPLORATION COMPANY

ADDRESS P. O. BOX 1669

VERNAL, UTAH 84078

**RECORDED**  
OPERATOR CODE  
PHONE NO. 801-89-5270  
**APR - 1 1988**

*10865*

**DIVISION OF  
OIL, GAS & MINING**

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ASSIGNMENT.

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	10865	43-047-31835	COYOTE BASIN 32-6	SE/NE	6	8S	25E	UINTAH	3-6-88	
COMMENTS: <i>Federal Lease. Not in Unit. Proposed Zone: WSTC. Assign new Entity As Requested by operator DTS 4-21-88</i>											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

- ACTION CODES:
- 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)
- (SEE INSTRUCTIONS ON BACK OF FORM)

*Russ Lurie*  
SIGNATURE  
DISTRICT SUPERINTENDENT 3-25-88  
TITLE DATE

REPORT NO.  
112501

PAGE NO. 1

TEST DATE:  
09-MAY-88

# STAR<sup>TM</sup>

## A Schlumberger Transient Analysis Report Of A Schlumberger Drillstem Test



<b>Company: MAXUS EXPLORATION</b>	<b>Well: COYOTE BASIN FEDERAL #32-6</b>																																				
<b>TEST IDENTIFICATION</b> Test Type ..... MFE CH DST Test No. .... 1 (REVISED REPORT) Formation ..... GREEN RIVER Test Interval (ft) ... 4604 - 4615 Reference Depth ..... KELLY BUSHING	<b>WELL LOCATION</b> Field ..... County ..... <u>UINTAH</u> State ..... <u>UTAH</u> Sec/Twn/Rng ..... <u>S6 T8S R25W</u> Elevation (ft) .....																																				
<b>HOLE CONDITIONS</b> Total Depth (MD/TUD)(ft) . 4750 / 4750 Hole Size (in) ..... Casing/Liner I.D. (in) ... Perf'd Interv./Nt Pay(ft). 11 / 7 Shot Density/Diameter(in). 4 SPF	<b>MUD PROPERTIES</b> Mud Type ..... KCL Mud Weight (lb/gal) ..... 8.4 Mud Resistivity (ohm.m) .. 0.33 @ 68 DEG. F. Filtrate Resistiv.(ohm.m). Filtrate Chlorides (ppm) . 21000																																				
<b>INITIAL TEST CONDITIONS</b> Initial Hydrostatic (psi). 1330 Gas Cushion Type ..... NONE Surface Pressure (psi) ... -- Liquid Cushion Type ..... NONE Cushion Length (ft) ..... --	<b>TEST STRING CONFIGURATION</b> Pipe Length (ft)/I.D.(in). 4525 / 1.995 Collar Length ft/I.D.(in). N/A Packer Depths (ft) ..... 4569 Bottomhole Choke Size(in). 1/2 Gauge Depth (ft)/Type .... 4567 / MECHANICAL																																				
<b>NET PIPE RECOVERY</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Properties</th> </tr> </thead> <tbody> <tr> <td>775 FT.</td> <td>WATER</td> <td>RW=.65@68DEG/10K PPM</td> </tr> <tr> <td>103.2 BBLs.</td> <td>WATER</td> <td>SWABBING RECOVERY</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Volume	Fluid Type	Properties	775 FT.	WATER	RW=.65@68DEG/10K PPM	103.2 BBLs.	WATER	SWABBING RECOVERY							<b>NET SAMPLE CHAMBER RECOVERY</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Properties</th> </tr> </thead> <tbody> <tr> <td>0.0113 SCF</td> <td>GAS</td> <td> </td> </tr> <tr> <td>1200 CC</td> <td>WATER</td> <td>0.65 @ 68 DEG. F.</td> </tr> <tr> <td> </td> <td> </td> <td>10000 PPM CL.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td>Press. 63</td> <td>GOR:</td> <td>GLR: 1.50</td> </tr> </tbody> </table>	Volume	Fluid Type	Properties	0.0113 SCF	GAS		1200 CC	WATER	0.65 @ 68 DEG. F.			10000 PPM CL.							Press. 63	GOR:	GLR: 1.50
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<b>VALIDATION RESULTS</b> Model of Behavior ..... HETEROGENEOUS Fluid Type Used ..... TOTAL LIQUID Reservoir Pressure (psi) . 1241.6 Transmissivity (md.ft/cp) 100.531 Permeability (md) ..... 7.813 Skin Factor/Damage Ratio . -1.931 Storativity Ratio ..... 1.86E-3 Interporosity Flow Coeff.. 3.328E-4 Distance to Anomaly (ft). Investigation Radius (ft). 363 Potentiometric Surf. (ft).	<b>ROCK/FLUID/WELLBORE PROPERTIES</b> Oil Density (deg. API) ... Basic Solids (%) ..... Gas Gravity ..... Water Cut (%) ..... 100 Viscosity (cp) ..... 0.544 Tot. Compress. (1/psi) ... 5.606E-6 Porosity (%) ..... 20 Reservoir Temperature (F). 127 Form.Vol.Factor (bbl/STB). 1.011																																				

**PRODUCTION RATE DURING TEST: 168 BLPD Q-LAST**

**COMMENTS:**

THE SHUT-IN PRESSURE DATA WAS ANALYZED USING SEMI-LOG AND LOG-LOG ANALYSIS TECHNIQUES TO DETERMINE RESERVOIR PARAMETERS OF P\*, KH/U, AND SKIN. ANALYSIS OF THE SHUT-IN DATA INDICATES THE PRESENCE OF A HETEROGENEOUS SYSTEM, POSSIBLY DUAL-POROSITY OR LAYERED SYSTEM, WITH WELLBORE STORAGE AND SKIN AT EARLY TIME, TRANSITIONAL DATA, AND INFINITE-ACTING RADIAL FLOW REGIME DATA AT LATER TIME. THE DATA WAS MODEL-VERIFIED(TM) TO CONFIRM THE ACCURACY OF THE RESERVOIR MODEL CHOSEN AND THE ANALYSIS RESULTS, WITH GOOD AGREEMENT BETWEEN THE THEORETICAL MODEL RESPONSE AND THE ACTUAL DATA. SEE ANALYSIS PLOTS IN THE APPENDIX OF THIS REPORT.

THIS REPORT IS REVISED TO CORRECT THE NET THICKNESS TO 7 FT. (PREVIOUSLY REPORTED AT 11 FT.)

SEQUENCE OF EVENTS

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (HRS.)	BHP (PSIA)	WHP (PSIG)
1	09-MAY	1106	SET PACKER	-0.044	1330	
2		1107	OPENED TOOL - GAS METER	0.000	55.47	
		1108				2.0
		1110				3.0
		1112				3.5
		1117				3.5
		1122				3.0
		1127				2.5
		1132				1.5
		1137				1.25
		1142				0.5
		1147	87 CU.FT. AIR TOTAL THRU GAS METER			SLT. BLOW
		1207	RIG UP TO SWAB			NO BLOW
3		1232	SWABBING - FLUID @ 2400'	1.418	855.43	
		1256	SWABBING - FLUID @ 4000'			
		1306	CLOSED AT SURFACE			
		1312	OPENED AT SURF.-ON VACUUM			
		1316	OPEN THRU GAS METER			SLT. BLOW
		1404	SWABBING - FLUID @ 2800'			
		1439	OPEN THRU GAS METER			SLT. BLOW
		1529	SWABBING - FLUID @ 2700'			
		1540	SWABBING - FLUID @ 4200'			
		1622	SWABBING - FLUID @ 3400'			
		1637	SWABBING - FLUID @ 4300'			
		1650	OPEN THRU GAS METER			
		1731	SWABBING - FLUID @ 3200'			
			128 CF AIR TOTAL THRU GAS METER TO THIS POINT.			
		1747	SWABBING - FLUID @ 4300'			
		1847	SWABBING - FLUID @ 3300'			
			continued on next page...			

SEQUENCE OF EVENTS

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (HRS.)	BHP (PSIA)	WHP (PSIG)
	09-MAY	1903	SWABBING - FLUID @ 4200'			
4		1910	CLOSED AT SURFACE	8.074	64.96	
		1915	OFF LOCATION			
	10-MAY	0630	ON LOCATION			10.5
5		0705	OPENED ON SURFACE	19.976	1196.49	10.5
		0720	SWABBING - FLUID @ 1800'			
		0730	SWABBING - FLUID @ 3800'			
		0826	SWABBING - FLUID @ 3000'			
		0836	SWABBING - FLUID AT 4100'			
		0931	SWABBING - FLUID @ 3200'			
		0945	SWABBING - FLUID @ 4100'			
		1034	SWABBING - FLUID AT 3300'			
		1049	SWABBING - FLUID AT 4200'			
		1103	SWABBING - FLUID AT 4400'			
		1202	SWABBING - FLUID AT 3200'			
		1220	SWABBING - FLUID AT 4450'			
		1310	SWABBING - FLUID AT 3300'			
		1332	SWABBING - FLUID AT 4000'			
		1402	SWABBING - FLUID AT 3400'			
		1419	SWABBING - FLUID AT 4200'			
		1503	SWABBING - FLUID AT 3500'			
		1508	SWABBING - FLUID AT 4300'			
		1610	SWABBING - FLUID AT 3400'			
		1616	SWABBING - FLUID AT 4300'			
		1702	SWABBING - FLUID AT 3400'			
		1712	SWABBING - FLUID AT 4400'			
		1802	SWABBING - FLUID AT 3400'			
6		1806	CLOSED ON SURFACE	30.351	57.17	
		1830	OFF LOCATION			
	11-MAY	0630	ON LOCATION			7.0
7		0646	OPENED ON SURFACE	43.657	1106.55	7.0
			continued on next page...			

REPORT NO.  
112501

PAGE NO. 4

SEQUENCE OF EVENTS

Schlumberger

EVENT NO.	DATE	TIME (HR:MIN)	DESCRIPTION	ELAPSED TIME (HRS.)	BHP (PSIA)	WHP (PSIG)
	11-MAY	0705	SWABBING - FLUID AT 2000'			
		0800	SWABBING - FLUID AT 3000'			
		0900	SWABBING - FLUID AT 3000'			
8		0923	CLOSED FOR SHUT-IN	46.182	91.45	
			TOTAL FLUID RECOVERED			
			FROM SWABBING WAS			
			103.2 BBLs. WATER, 1 BBL.			
			OIL.			
9	12-MAY	0653	FINISHED SHUT-IN	67.741	1177.51	
10		0654	PULLED PACKER LOOSE	67.796	1999.42	

# BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 112501

COMPANY : MAXUS EXPLORATION

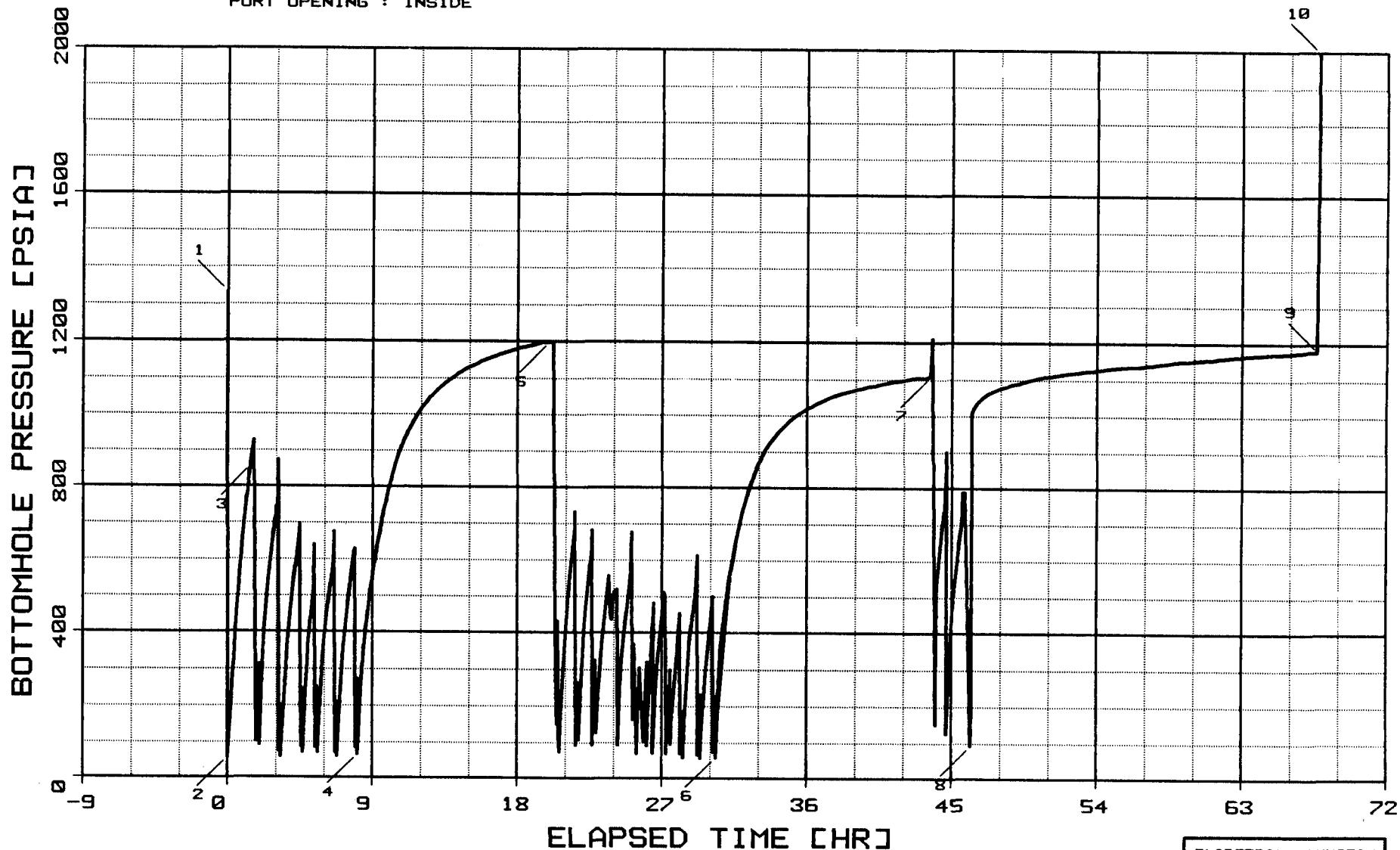
INSTRUMENT NO. 11315

WELL : COYOTE BASIN 32-6

DEPTH : 4567 FT

CAPACITY : 2800 PSI

PORT OPENING : INSIDE



\*\*\*\*\*  
 \* WELL TEST DATA PRINTOUT \*  
 \*\*\*\*\*

FIELD REPORT # : 112501  
 COMPANY : MAXUS EXPLORATION  
 WELL : COYOTE BASIN 32-6

INSTRUMENT # : 11315  
 CAPACITY [PSI] : 2800.  
 DEPTH [FT] : 4567.0  
 PORT OPENING : INSIDE  
 TEMPERATURE [DEG F] : 127.0

LABEL POINT INFORMATION  
 \*\*\*\*\*

#	TIME OF DAY HH:MM:SS	DATE DD-MM	EXPLANATION	ELAPSED TIME, HR	BOT HOLE PRESSURE PSIA
1	11: 4:23	9-MY	HYDROSTATIC MUD	-0.044	1330.19
2	11: 7: 0	9-MY	START FLOW	0.000	55.47
3	12:32: 6	9-MY	SWABBING	1.418	855.43
4	19:11:26	9-MY	CLOSED ON SURFACE	8.074	64.96
5	7: 5:34	10-MY	OPENED ON SURFACE	19.976	1196.49
6	17:28: 2	10-MY	CLOSED ON SURFACE	30.351	57.17
7	6:46:27	11-MY	OPENED ON SURFACE	43.657	1106.55
8	9:17:55	11-MY	END FLOW & START SHUT-IN	46.182	91.45
9	6:51:26	12-MY	END SHUT-IN	67.741	1177.51
10	6:54:45	12-MY	HYDROSTATIC MUD	67.796	1999.42

SUMMARY OF FLOW PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, HR	END ELAPSED TIME, HR	DURATION HR	START PRESSURE PSIA	END PRESSURE PSIA
1	0.000	46.182	46.182	55.47	91.45

SUMMARY OF SHUTIN PERIODS  
 \*\*\*\*\*

PERIOD	START ELAPSED TIME, HR	END ELAPSED TIME, HR	DURATION HR	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, HR
1	46.182	67.741	21.559	91.45	1177.51	91.45	46.182

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
11: 7: 0	9-MY	0.000	0.000	55.47
11:13: 0	9-MY	0.100	0.100	118.64
11:19: 0	9-MY	0.200	0.200	189.93
11:25: 0	9-MY	0.300	0.300	269.76
11:31: 0	9-MY	0.400	0.400	343.71
11:37: 0	9-MY	0.500	0.500	416.52
11:43: 0	9-MY	0.600	0.600	481.58
11:49: 0	9-MY	0.700	0.700	542.18
11:55: 0	9-MY	0.800	0.800	599.04
12: 1: 0	9-MY	0.900	0.900	652.17
12: 7: 0	9-MY	1.000	1.000	697.21
12:13: 0	9-MY	1.100	1.100	741.25
12:19: 0	9-MY	1.200	1.200	779.15
12:25: 0	9-MY	1.300	1.300	816.01
12:31: 0	9-MY	1.400	1.400	849.61
12:37: 0	9-MY	1.500	1.500	887.50
12:43: 0	9-MY	1.600	1.600	918.31
12:49: 0	9-MY	1.700	1.700	470.92
12:55: 0	9-MY	1.800	1.800	129.24
13: 1: 0	9-MY	1.900	1.900	227.58
13: 7: 0	9-MY	2.000	2.000	112.30
13:13: 0	9-MY	2.100	2.100	228.76
13:19: 0	9-MY	2.200	2.200	339.25
13:25: 0	9-MY	2.300	2.300	422.77
13:31: 0	9-MY	2.400	2.400	478.87
13:37: 0	9-MY	2.500	2.500	534.34
13:43: 0	9-MY	2.600	2.600	576.79
13:49: 0	9-MY	2.700	2.700	618.66
13:55: 0	9-MY	2.800	2.800	658.10
14: 1: 0	9-MY	2.900	2.900	694.07
14: 7: 0	9-MY	3.000	3.000	727.75
14:13: 0	9-MY	3.100	3.100	762.14
14:19: 0	9-MY	3.200	3.200	97.16
14:25: 0	9-MY	3.300	3.300	197.59
14:31: 0	9-MY	3.400	3.400	122.68
14:37: 0	9-MY	3.500	3.500	194.34
14:43: 0	9-MY	3.600	3.600	270.10
14:49: 0	9-MY	3.700	3.700	352.60
14:55: 0	9-MY	3.800	3.800	405.49
15: 1: 0	9-MY	3.900	3.900	455.90
15: 7: 0	9-MY	4.000	4.000	499.07
15:13: 0	9-MY	4.100	4.100	539.60
15:19: 0	9-MY	4.200	4.200	576.58
15:25: 0	9-MY	4.300	4.300	614.38
15:31: 0	9-MY	4.400	4.400	652.45
15:37: 0	9-MY	4.500	4.500	458.92
15:43: 0	9-MY	4.600	4.600	121.85
15:49: 0	9-MY	4.700	4.700	93.21
15:55: 0	9-MY	4.800	4.800	190.79

## TEST PHASE : FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
*****	*****	*****	*****	*****
16: 1: 0	9-MY	4.900	4.900	281.85
16: 7: 0	9-MY	5.000	5.000	363.47
16:13: 0	9-MY	5.100	5.100	416.86
16:19: 0	9-MY	5.200	5.200	455.99
16:25: 0	9-MY	5.300	5.300	499.52
16:31: 0	9-MY	5.400	5.400	447.35
16:37: 0	9-MY	5.500	5.500	180.88
16:43: 0	9-MY	5.600	5.600	71.08
16:49: 0	9-MY	5.700	5.700	155.85
16:55: 0	9-MY	5.800	5.800	247.18
17: 1: 0	9-MY	5.900	5.900	329.51
17: 7: 0	9-MY	6.000	6.000	383.97
17:13: 0	9-MY	6.100	6.100	424.03
17:19: 0	9-MY	6.200	6.200	463.56
17:25: 0	9-MY	6.300	6.300	499.02
17:31: 0	9-MY	6.400	6.400	534.48
17:37: 0	9-MY	6.500	6.500	573.01
17:43: 0	9-MY	6.600	6.600	666.87
17:49: 0	9-MY	6.700	6.700	101.68
17:55: 0	9-MY	6.800	6.800	105.20
18: 1: 0	9-MY	6.900	6.900	136.62
18: 7: 0	9-MY	7.000	7.000	225.11
18:13: 0	9-MY	7.100	7.100	309.06
18:19: 0	9-MY	7.200	7.200	370.66
18:25: 0	9-MY	7.300	7.300	410.98
18:31: 0	9-MY	7.400	7.400	451.31
18:37: 0	9-MY	7.500	7.500	489.86
18:43: 0	9-MY	7.600	7.600	527.32
18:49: 0	9-MY	7.700	7.700	563.98
18:55: 0	9-MY	7.800	7.800	600.43
19: 1: 0	9-MY	7.900	7.900	438.97
19: 7: 0	9-MY	8.000	8.000	165.82
19:13: 0	9-MY	8.100	8.100	83.19
19:19: 0	9-MY	8.200	8.200	165.23
19:25: 0	9-MY	8.300	8.300	252.32
19:31: 0	9-MY	8.400	8.400	324.08
19:37: 0	9-MY	8.500	8.500	373.08
19:43: 0	9-MY	8.600	8.600	411.86
19:49: 0	9-MY	8.700	8.700	451.60
19:55: 0	9-MY	8.800	8.800	487.96
20: 1: 0	9-MY	8.900	8.900	522.32
20: 7: 0	9-MY	9.000	9.000	552.63
20:13: 0	9-MY	9.100	9.100	582.69
20:19: 0	9-MY	9.200	9.200	613.18
20:25: 0	9-MY	9.300	9.300	640.74
20:31: 0	9-MY	9.400	9.400	665.53
20:37: 0	9-MY	9.500	9.500	689.87
20:43: 0	9-MY	9.600	9.600	713.85
20:49: 0	9-MY	9.700	9.700	736.40

## TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
*****	*****	*****	*****	*****
20:55: 0	9-MY	9.800	9.800	756.61
21: 1: 0	9-MY	9.900	9.900	775.15
21: 7: 0	9-MY	10.000	10.000	793.77
21:13: 0	9-MY	10.100	10.100	811.30
21:19: 0	9-MY	10.200	10.200	827.56
21:25: 0	9-MY	10.300	10.300	843.05
21:31: 0	9-MY	10.400	10.400	857.49
21:37: 0	9-MY	10.500	10.500	871.38
21:43: 0	9-MY	10.600	10.600	884.75
21:49: 0	9-MY	10.700	10.700	896.89
21:55: 0	9-MY	10.800	10.800	908.87
22: 1: 0	9-MY	10.900	10.900	920.68
22: 7: 0	9-MY	11.000	11.000	931.67
22:13: 0	9-MY	11.100	11.100	940.75
22:19: 0	9-MY	11.200	11.200	949.60
22:25: 0	9-MY	11.300	11.300	959.38
22:31: 0	9-MY	11.400	11.400	968.36
22:37: 0	9-MY	11.500	11.500	976.21
22:43: 0	9-MY	11.600	11.600	983.88
22:49: 0	9-MY	11.700	11.700	991.38
22:55: 0	9-MY	11.800	11.800	998.23
23: 1: 0	9-MY	11.900	11.900	1004.78
23: 7: 0	9-MY	12.000	12.000	1011.35
23:13: 0	9-MY	12.100	12.100	1017.96
23:19: 0	9-MY	12.200	12.200	1024.20
23:25: 0	9-MY	12.300	12.300	1029.57
23:31: 0	9-MY	12.400	12.400	1035.07
23:37: 0	9-MY	12.500	12.500	1040.79
23:43: 0	9-MY	12.600	12.600	1046.24
23:49: 0	9-MY	12.700	12.700	1050.75
23:55: 0	9-MY	12.800	12.800	1055.27
0: 1: 0	10-MY	12.900	12.900	1059.88
0: 7: 0	10-MY	13.000	13.000	1064.49
0:13: 0	10-MY	13.100	13.100	1068.87
0:19: 0	10-MY	13.200	13.200	1072.87
0:25: 0	10-MY	13.300	13.300	1076.77
0:31: 0	10-MY	13.400	13.400	1080.26
0:37: 0	10-MY	13.500	13.500	1083.76
0:43: 0	10-MY	13.600	13.600	1087.34
0:49: 0	10-MY	13.700	13.700	1090.99
0:55: 0	10-MY	13.800	13.800	1094.63
1: 1: 0	10-MY	13.900	13.900	1097.90
1: 7: 0	10-MY	14.000	14.000	1100.95
1:13: 0	10-MY	14.100	14.100	1104.01
1:19: 0	10-MY	14.200	14.200	1107.17
1:25: 0	10-MY	14.300	14.300	1110.27
1:31: 0	10-MY	14.400	14.400	1112.96
1:37: 0	10-MY	14.500	14.500	1115.66
1:43: 0	10-MY	14.600	14.600	1118.33

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
1:49: 0	10-MY	14.700	14.700	1120.69
1:55: 0	10-MY	14.800	14.800	1123.05
2: 1: 0	10-MY	14.900	14.900	1125.41
2: 7: 0	10-MY	15.000	15.000	1127.70
2:13: 0	10-MY	15.100	15.100	1129.98
2:19: 0	10-MY	15.200	15.200	1132.14
2:25: 0	10-MY	15.300	15.300	1133.86
2:31: 0	10-MY	15.400	15.400	1135.57
2:37: 0	10-MY	15.500	15.500	1137.29
2:43: 0	10-MY	15.600	15.600	1140.11
2:49: 0	10-MY	15.700	15.700	1142.86
2:55: 0	10-MY	15.800	15.800	1144.62
3: 1: 0	10-MY	15.900	15.900	1146.55
3: 7: 0	10-MY	16.000	16.000	1148.50
3:13: 0	10-MY	16.100	16.100	1150.45
3:19: 0	10-MY	16.200	16.200	1152.22
3:25: 0	10-MY	16.300	16.300	1153.52
3:31: 0	10-MY	16.400	16.400	1154.83
3:37: 0	10-MY	16.500	16.500	1156.39
3:43: 0	10-MY	16.600	16.600	1157.94
3:49: 0	10-MY	16.700	16.700	1160.03
3:55: 0	10-MY	16.800	16.800	1162.06
4: 1: 0	10-MY	16.900	16.900	1163.48
4: 7: 0	10-MY	17.000	17.000	1164.90
4:13: 0	10-MY	17.100	17.100	1166.51
4:19: 0	10-MY	17.200	17.200	1167.89
4:25: 0	10-MY	17.300	17.300	1168.93
4:31: 0	10-MY	17.400	17.400	1169.97
4:37: 0	10-MY	17.500	17.500	1171.65
4:43: 0	10-MY	17.600	17.600	1173.34
4:49: 0	10-MY	17.700	17.700	1174.64
4:55: 0	10-MY	17.800	17.800	1175.89
5: 1: 0	10-MY	17.900	17.900	1177.13
5: 7: 0	10-MY	18.000	18.000	1178.51
5:13: 0	10-MY	18.100	18.100	1180.28
5:19: 0	10-MY	18.200	18.200	1181.89
5:25: 0	10-MY	18.300	18.300	1182.63
5:31: 0	10-MY	18.400	18.400	1183.37
5:37: 0	10-MY	18.500	18.500	1184.22
5:43: 0	10-MY	18.600	18.600	1185.17
5:49: 0	10-MY	18.700	18.700	1186.14
5:55: 0	10-MY	18.800	18.800	1187.20
6: 1: 0	10-MY	18.900	18.900	1188.25
6: 7: 0	10-MY	19.000	19.000	1189.37
6:13: 0	10-MY	19.100	19.100	1190.51
6:19: 0	10-MY	19.200	19.200	1191.66
6:25: 0	10-MY	19.300	19.300	1192.88
6:31: 0	10-MY	19.400	19.400	1194.24
6:37: 0	10-MY	19.500	19.500	1195.60

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MM	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
*****	*****	*****	*****	*****
6:43: 0	10-MY	19.600	19.600	1196.49
6:49: 0	10-MY	19.700	19.700	1196.49
6:55: 0	10-MY	19.800	19.800	1196.49
7: 1: 0	10-MY	19.900	19.900	1196.49
7: 7: 0	10-MY	20.000	20.000	1196.49
7:13: 0	10-MY	20.100	20.100	1196.49
7:19: 0	10-MY	20.200	20.200	1196.49
7:25: 0	10-MY	20.300	20.300	802.76
7:31: 0	10-MY	20.400	20.400	286.94
7:37: 0	10-MY	20.500	20.500	244.19
7:43: 0	10-MY	20.600	20.600	102.90
7:49: 0	10-MY	20.700	20.700	142.51
7:55: 0	10-MY	20.800	20.800	239.55
8: 1: 0	10-MY	20.900	20.900	325.96
8: 7: 0	10-MY	21.000	21.000	390.56
8:13: 0	10-MY	21.100	21.100	455.17
8:19: 0	10-MY	21.200	21.200	514.78
8:25: 0	10-MY	21.300	21.300	567.78
8:31: 0	10-MY	21.400	21.400	611.34
8:37: 0	10-MY	21.500	21.500	654.65
8:43: 0	10-MY	21.600	21.600	593.67
8:49: 0	10-MY	21.700	21.700	177.03
8:55: 0	10-MY	21.800	21.800	193.53
9: 1: 0	10-MY	21.900	21.900	174.94
9: 7: 0	10-MY	22.000	22.000	277.32
9:13: 0	10-MY	22.100	22.100	366.33
9:19: 0	10-MY	22.200	22.200	430.19
9:25: 0	10-MY	22.300	22.300	482.73
9:31: 0	10-MY	22.400	22.400	527.59
9:37: 0	10-MY	22.500	22.500	569.16
9:43: 0	10-MY	22.600	22.600	615.11
9:49: 0	10-MY	22.700	22.700	120.75
9:55: 0	10-MY	22.800	22.800	251.18
10: 1: 0	10-MY	22.900	22.900	171.65
10: 7: 0	10-MY	23.000	23.000	189.40
10:13: 0	10-MY	23.100	23.100	264.80
10:19: 0	10-MY	23.200	23.200	330.72
10:25: 0	10-MY	23.300	23.300	382.33
10:31: 0	10-MY	23.400	23.400	428.38
10:37: 0	10-MY	23.500	23.500	469.65
10:43: 0	10-MY	23.600	23.600	513.64
10:49: 0	10-MY	23.700	23.700	551.58
10:55: 0	10-MY	23.800	23.800	447.79
11: 1: 0	10-MY	23.900	23.900	457.13
11: 7: 0	10-MY	24.000	24.000	499.16
11:13: 0	10-MY	24.100	24.100	513.53
11:19: 0	10-MY	24.200	24.200	517.25
11:25: 0	10-MY	24.300	24.300	137.86
11:31: 0	10-MY	24.400	24.400	256.34

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
11:37: 0	10-MY	24.500	24.500	325.95
11:43: 0	10-MY	24.600	24.600	373.56
11:49: 0	10-MY	24.700	24.700	418.06
11:55: 0	10-MY	24.800	24.800	460.49
12: 1: 0	10-MY	24.900	24.900	498.11
12: 7: 0	10-MY	25.000	25.000	538.57
12:13: 0	10-MY	25.100	25.100	643.30
12:19: 0	10-MY	25.200	25.200	244.30
12:25: 0	10-MY	25.300	25.300	292.91
12:31: 0	10-MY	25.400	25.400	121.17
12:37: 0	10-MY	25.500	25.500	161.50
12:43: 0	10-MY	25.600	25.600	288.22
12:49: 0	10-MY	25.700	25.700	230.47
12:55: 0	10-MY	25.800	25.800	148.75
13: 1: 0	10-MY	25.900	25.900	145.09
13: 7: 0	10-MY	26.000	26.000	250.72
13:13: 0	10-MY	26.100	26.100	105.86
13:19: 0	10-MY	26.200	26.200	221.64
13:25: 0	10-MY	26.300	26.300	322.45
13:31: 0	10-MY	26.400	26.400	402.96
13:37: 0	10-MY	26.500	26.500	122.86
13:43: 0	10-MY	26.600	26.600	223.47
13:49: 0	10-MY	26.700	26.700	305.15
13:55: 0	10-MY	26.800	26.800	359.87
14: 1: 0	10-MY	26.900	26.900	405.52
14: 7: 0	10-MY	27.000	27.000	448.98
14:13: 0	10-MY	27.100	27.100	490.81
14:19: 0	10-MY	27.200	27.200	497.44
14:25: 0	10-MY	27.300	27.300	111.64
14:31: 0	10-MY	27.400	27.400	190.60
14:37: 0	10-MY	27.500	27.500	251.26
14:43: 0	10-MY	27.600	27.600	158.48
14:49: 0	10-MY	27.700	27.700	217.42
14:55: 0	10-MY	27.800	27.800	276.36
15: 1: 0	10-MY	27.900	27.900	335.29
15: 7: 0	10-MY	28.000	28.000	394.23
15:13: 0	10-MY	28.100	28.100	442.69
15:19: 0	10-MY	28.200	28.200	108.54
15:25: 0	10-MY	28.300	28.300	179.65
15:31: 0	10-MY	28.400	28.400	133.19
15:37: 0	10-MY	28.500	28.500	222.86
15:43: 0	10-MY	28.600	28.600	301.22
15:49: 0	10-MY	28.700	28.700	363.42
15:55: 0	10-MY	28.800	28.800	401.16
16: 1: 0	10-MY	28.900	28.900	437.30
16: 7: 0	10-MY	29.000	29.000	470.07
16:13: 0	10-MY	29.100	29.100	516.23
16:19: 0	10-MY	29.200	29.200	611.25
16:25: 0	10-MY	29.300	29.300	135.31

## TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
16:31: 0	10-MY	29.400	29.400	64.33
16:37: 0	10-MY	29.500	29.500	147.24
16:43: 0	10-MY	29.600	29.600	218.72
16:49: 0	10-MY	29.700	29.700	289.76
16:55: 0	10-MY	29.800	29.800	337.09
17: 1: 0	10-MY	29.900	29.900	384.42
17: 7: 0	10-MY	30.000	30.000	431.75
17:13: 0	10-MY	30.100	30.100	479.09
17:19: 0	10-MY	30.200	30.200	80.45
17:25: 0	10-MY	30.300	30.300	181.96
17:31: 0	10-MY	30.400	30.400	98.79
17:37: 0	10-MY	30.500	30.500	189.21
17:43: 0	10-MY	30.600	30.600	282.82
17:49: 0	10-MY	30.700	30.700	342.41
17:55: 0	10-MY	30.800	30.800	391.65
18: 1: 0	10-MY	30.900	30.900	433.51
18: 7: 0	10-MY	31.000	31.000	474.97
18:13: 0	10-MY	31.100	31.100	510.42
18:19: 0	10-MY	31.200	31.200	550.98
18:25: 0	10-MY	31.300	31.300	578.52
18:31: 0	10-MY	31.400	31.400	604.24
18:37: 0	10-MY	31.500	31.500	629.96
18:43: 0	10-MY	31.600	31.600	653.63
18:49: 0	10-MY	31.700	31.700	673.68
18:55: 0	10-MY	31.800	31.800	693.73
19: 1: 0	10-MY	31.900	31.900	713.77
19: 7: 0	10-MY	32.000	32.000	733.55
19:13: 0	10-MY	32.100	32.100	749.93
19:19: 0	10-MY	32.200	32.200	766.32
19:25: 0	10-MY	32.300	32.300	782.05
19:31: 0	10-MY	32.400	32.400	795.38
19:37: 0	10-MY	32.500	32.500	808.71
19:43: 0	10-MY	32.600	32.600	822.04
19:49: 0	10-MY	32.700	32.700	833.88
19:55: 0	10-MY	32.800	32.800	845.10
20: 1: 0	10-MY	32.900	32.900	856.31
20: 7: 0	10-MY	33.000	33.000	866.53
20:13: 0	10-MY	33.100	33.100	875.21
20:19: 0	10-MY	33.200	33.200	883.90
20:25: 0	10-MY	33.300	33.300	892.59
20:31: 0	10-MY	33.400	33.400	900.58
20:37: 0	10-MY	33.500	33.500	908.11
20:43: 0	10-MY	33.600	33.600	915.63
20:49: 0	10-MY	33.700	33.700	923.15
20:55: 0	10-MY	33.800	33.800	929.06
21: 1: 0	10-MY	33.900	33.900	934.67
21: 7: 0	10-MY	34.000	34.000	940.29
21:13: 0	10-MY	34.100	34.100	945.91
21:19: 0	10-MY	34.200	34.200	951.26

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
21:25: 0	10-MY	34.300	34.300	956.02
21:31: 0	10-MY	34.400	34.400	960.78
21:37: 0	10-MY	34.500	34.500	965.55
21:43: 0	10-MY	34.600	34.600	970.31
21:49: 0	10-MY	34.700	34.700	975.07
21:55: 0	10-MY	34.800	34.800	979.79
22: 1: 0	10-MY	34.900	34.900	983.47
22: 7: 0	10-MY	35.000	35.000	987.16
22:13: 0	10-MY	35.100	35.100	990.85
22:19: 0	10-MY	35.200	35.200	994.16
22:25: 0	10-MY	35.300	35.300	997.10
22:31: 0	10-MY	35.400	35.400	1000.04
22:37: 0	10-MY	35.500	35.500	1002.99
22:43: 0	10-MY	35.600	35.600	1005.86
22:49: 0	10-MY	35.700	35.700	1008.72
22:55: 0	10-MY	35.800	35.800	1011.58
23: 1: 0	10-MY	35.900	35.900	1014.33
23: 7: 0	10-MY	36.000	36.000	1016.72
23:13: 0	10-MY	36.100	36.100	1019.11
23:19: 0	10-MY	36.200	36.200	1021.50
23:25: 0	10-MY	36.300	36.300	1023.78
23:31: 0	10-MY	36.400	36.400	1026.02
23:37: 0	10-MY	36.500	36.500	1028.27
23:43: 0	10-MY	36.600	36.600	1030.51
23:49: 0	10-MY	36.700	36.700	1032.89
23:55: 0	10-MY	36.800	36.800	1035.28
0: 1: 0	11-MY	36.900	36.900	1037.55
0: 7: 0	11-MY	37.000	37.000	1039.66
0:13: 0	11-MY	37.100	37.100	1041.77
0:19: 0	11-MY	37.200	37.200	1043.81
0:25: 0	11-MY	37.300	37.300	1045.66
0:31: 0	11-MY	37.400	37.400	1047.52
0:37: 0	11-MY	37.500	37.500	1049.37
0:43: 0	11-MY	37.600	37.600	1050.89
0:49: 0	11-MY	37.700	37.700	1052.35
0:55: 0	11-MY	37.800	37.800	1053.81
1: 1: 0	11-MY	37.900	37.900	1055.29
1: 7: 0	11-MY	38.000	38.000	1056.79
1:13: 0	11-MY	38.100	38.100	1058.29
1:19: 0	11-MY	38.200	38.200	1059.79
1:25: 0	11-MY	38.300	38.300	1061.12
1:31: 0	11-MY	38.400	38.400	1062.10
1:37: 0	11-MY	38.500	38.500	1063.09
1:43: 0	11-MY	38.600	38.600	1064.07
1:49: 0	11-MY	38.700	38.700	1065.05
1:55: 0	11-MY	38.800	38.800	1066.21
2: 1: 0	11-MY	38.900	38.900	1067.43
2: 7: 0	11-MY	39.000	39.000	1068.75
2:13: 0	11-MY	39.100	39.100	1070.32

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
2:19: 0	11-MY	39.200	39.200	1071.28
2:25: 0	11-MY	39.300	39.300	1072.20
2:31: 0	11-MY	39.400	39.400	1073.11
2:37: 0	11-MY	39.500	39.500	1074.13
2:43: 0	11-MY	39.600	39.600	1075.54
2:49: 0	11-MY	39.700	39.700	1076.94
2:55: 0	11-MY	39.800	39.800	1078.35
3: 1: 0	11-MY	39.900	39.900	1079.11
3: 7: 0	11-MY	40.000	40.000	1079.79
3:13: 0	11-MY	40.100	40.100	1080.47
3:19: 0	11-MY	40.200	40.200	1081.15
3:25: 0	11-MY	40.300	40.300	1082.15
3:31: 0	11-MY	40.400	40.400	1083.18
3:37: 0	11-MY	40.500	40.500	1084.20
3:43: 0	11-MY	40.600	40.600	1085.23
3:49: 0	11-MY	40.700	40.700	1086.23
3:55: 0	11-MY	40.800	40.800	1087.22
4: 1: 0	11-MY	40.900	40.900	1088.20
4: 7: 0	11-MY	41.000	41.000	1089.23
4:13: 0	11-MY	41.100	41.100	1090.33
4:19: 0	11-MY	41.200	41.200	1091.43
4:25: 0	11-MY	41.300	41.300	1092.53
4:31: 0	11-MY	41.400	41.400	1093.37
4:37: 0	11-MY	41.500	41.500	1093.93
4:43: 0	11-MY	41.600	41.600	1094.49
4:49: 0	11-MY	41.700	41.700	1095.05
4:55: 0	11-MY	41.800	41.800	1095.62
5: 1: 0	11-MY	41.900	41.900	1096.18
5: 7: 0	11-MY	42.000	42.000	1096.74
5:13: 0	11-MY	42.100	42.100	1097.50
5:19: 0	11-MY	42.200	42.200	1098.35
5:25: 0	11-MY	42.300	42.300	1099.20
5:31: 0	11-MY	42.400	42.400	1100.05
5:37: 0	11-MY	42.500	42.500	1100.91
5:43: 0	11-MY	42.600	42.600	1101.68
5:49: 0	11-MY	42.700	42.700	1102.30
5:55: 0	11-MY	42.800	42.800	1102.93
6: 1: 0	11-MY	42.900	42.900	1103.43
6: 7: 0	11-MY	43.000	43.000	1103.43
6:13: 0	11-MY	43.100	43.100	1103.43
6:19: 0	11-MY	43.200	43.200	1103.43
6:25: 0	11-MY	43.300	43.300	1103.43
6:31: 0	11-MY	43.400	43.400	1103.59
6:37: 0	11-MY	43.500	43.500	1104.74
6:43: 0	11-MY	43.600	43.600	1105.89
6:49: 0	11-MY	43.700	43.700	1145.81
6:55: 0	11-MY	43.800	43.800	1068.74
7: 1: 0	11-MY	43.900	43.900	617.52
7: 7: 0	11-MY	44.000	44.000	166.30

TEST PHASE : FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MM	*****	*****	*****
7:13: 0	11-MY	44.100	44.100	541.91
7:19: 0	11-MY	44.200	44.200	598.35
7:25: 0	11-MY	44.300	44.300	646.43
7:31: 0	11-MY	44.400	44.400	685.58
7:37: 0	11-MY	44.500	44.500	723.17
7:43: 0	11-MY	44.600	44.600	809.17
7:49: 0	11-MY	44.700	44.700	144.03
7:55: 0	11-MY	44.800	44.800	258.99
8: 1: 0	11-MY	44.900	44.900	365.79
8: 7: 0	11-MY	45.000	45.000	434.09
8:13: 0	11-MY	45.100	45.100	490.27
8:19: 0	11-MY	45.200	45.200	537.19
8:25: 0	11-MY	45.300	45.300	580.62
8:31: 0	11-MY	45.400	45.400	621.41
8:37: 0	11-MY	45.500	45.500	660.44
8:43: 0	11-MY	45.600	45.600	700.82
8:49: 0	11-MY	45.700	45.700	788.15
8:55: 0	11-MY	45.800	45.800	788.15
9: 1: 0	11-MY	45.900	45.900	614.44
9: 7: 0	11-MY	46.000	46.000	428.98
9:13: 0	11-MY	46.100	46.100	243.52
9:17:55	11-MY	46.182	46.182	91.45

TEST PHASE : SHUTIN PERIOD # 1

FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
9:17:55	11-MY	46.182	0.000	91.45	0.00	
9:18:31	11-MY	46.192	0.010	113.89	22.44	3.665
9:19: 7	11-MY	46.202	0.020	136.34	44.89	3.364
9:19:43	11-MY	46.212	0.030	158.78	67.33	3.188
9:20:19	11-MY	46.222	0.040	181.23	89.78	3.063
9:20:55	11-MY	46.232	0.050	643.44	551.99	2.966
9:21:31	11-MY	46.242	0.060	1003.16	911.71	2.887
9:22: 7	11-MY	46.252	0.070	1005.44	913.99	2.820
9:22:43	11-MY	46.262	0.080	1007.72	916.27	2.762
9:23:19	11-MY	46.272	0.090	1009.69	918.24	2.711
9:23:55	11-MY	46.282	0.100	1010.79	919.34	2.665
9:25: 7	11-MY	46.302	0.120	1013.00	921.55	2.586
9:26:19	11-MY	46.322	0.140	1015.22	923.77	2.520
9:27:31	11-MY	46.342	0.160	1017.43	925.98	2.462
9:28:43	11-MY	46.362	0.180	1019.64	928.19	2.411
9:29:55	11-MY	46.382	0.200	1021.80	930.35	2.365

TEST PHASE : SHUTIN PERIOD # 1  
 FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
*****	*****	*****	*****	*****	*****	*****
9:31: 7	11-MY	46.402	0.220	1023.20	931.75	2.324
9:32:19	11-MY	46.422	0.240	1024.59	933.14	2.287
9:33:31	11-MY	46.442	0.260	1025.99	934.54	2.252
9:34:43	11-MY	46.462	0.280	1027.39	935.94	2.220
9:35:55	11-MY	46.482	0.300	1028.78	937.33	2.190
9:37: 7	11-MY	46.502	0.320	1030.18	938.73	2.162
9:38:19	11-MY	46.522	0.340	1031.57	940.12	2.136
9:39:31	11-MY	46.542	0.360	1032.95	941.50	2.112
9:40:43	11-MY	46.562	0.380	1033.91	942.46	2.088
9:41:55	11-MY	46.582	0.400	1034.88	943.43	2.066
9:43: 7	11-MY	46.602	0.420	1035.84	944.39	2.045
9:44:19	11-MY	46.622	0.440	1036.80	945.35	2.025
9:45:31	11-MY	46.642	0.460	1037.77	946.32	2.006
9:46:43	11-MY	46.662	0.480	1038.73	947.28	1.988
9:47:55	11-MY	46.682	0.500	1039.69	948.24	1.970
9:53:55	11-MY	46.782	0.600	1044.30	952.85	1.892
9:59:55	11-MY	46.882	0.700	1048.88	957.43	1.826
10: 5:55	11-MY	46.982	0.800	1052.28	960.83	1.769
10:11:55	11-MY	47.082	0.900	1055.13	963.68	1.719
10:17:55	11-MY	47.182	1.000	1057.94	966.49	1.674
10:23:55	11-MY	47.282	1.100	1060.30	968.85	1.633
10:29:55	11-MY	47.382	1.200	1062.67	971.22	1.596
10:35:55	11-MY	47.482	1.300	1064.67	973.22	1.563
10:41:55	11-MY	47.582	1.400	1066.52	975.07	1.531
10:47:55	11-MY	47.682	1.500	1068.39	976.94	1.502
10:53:55	11-MY	47.782	1.600	1070.39	978.94	1.475
10:59:55	11-MY	47.882	1.700	1072.39	980.94	1.450
11: 5:55	11-MY	47.982	1.800	1073.98	982.53	1.426
11:11:55	11-MY	48.082	1.900	1075.24	983.79	1.403
11:17:55	11-MY	48.182	2.000	1076.51	985.06	1.382
11:23:55	11-MY	48.282	2.100	1077.90	986.45	1.362
11:29:55	11-MY	48.382	2.200	1079.74	988.29	1.342
11:35:55	11-MY	48.482	2.300	1081.52	990.07	1.324
11:41:55	11-MY	48.582	2.400	1083.11	991.66	1.306
11:47:55	11-MY	48.682	2.500	1084.71	993.26	1.289
11:53:55	11-MY	48.782	2.600	1085.77	994.32	1.273
11:59:55	11-MY	48.882	2.700	1086.37	994.92	1.258
12: 5:55	11-MY	48.982	2.800	1086.97	995.52	1.243
12:11:55	11-MY	49.082	2.900	1087.56	996.11	1.229
12:17:55	11-MY	49.182	3.000	1088.21	996.76	1.215
12:23:55	11-MY	49.282	3.100	1090.31	998.86	1.201
12:29:55	11-MY	49.382	3.200	1092.40	1000.95	1.188
12:35:55	11-MY	49.482	3.300	1093.70	1002.25	1.176
12:41:55	11-MY	49.582	3.400	1094.94	1003.49	1.164
12:47:55	11-MY	49.682	3.500	1096.18	1004.73	1.152
12:53:55	11-MY	49.782	3.600	1097.38	1005.93	1.141
12:59:55	11-MY	49.882	3.700	1098.54	1007.09	1.130
13: 5:55	11-MY	49.982	3.800	1099.75	1008.30	1.119

TEST PHASE : SHUTIN PERIOD # 1  
 FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MM	*****	*****	*****	*****	*****
13:11:55	11-MY	50.082	3.900	1101.12	1009.67	1.109
13:17:55	11-MY	50.182	4.000	1102.34	1010.89	1.098
13:23:55	11-MY	50.282	4.100	1103.08	1011.63	1.089
13:29:55	11-MY	50.382	4.200	1103.83	1012.38	1.079
13:35:55	11-MY	50.482	4.300	1104.61	1013.16	1.070
13:41:55	11-MY	50.582	4.400	1105.44	1013.99	1.061
13:47:55	11-MY	50.682	4.500	1106.26	1014.81	1.052
13:53:55	11-MY	50.782	4.600	1107.03	1015.58	1.043
13:59:55	11-MY	50.882	4.700	1107.50	1016.05	1.034
14: 5:55	11-MY	50.982	4.800	1107.96	1016.51	1.026
14:11:55	11-MY	51.082	4.900	1108.43	1016.98	1.018
14:17:55	11-MY	51.182	5.000	1109.12	1017.67	1.010
14:23:55	11-MY	51.282	5.100	1110.05	1018.60	1.002
14:29:55	11-MY	51.382	5.200	1110.99	1019.54	0.995
14:35:55	11-MY	51.482	5.300	1111.92	1020.47	0.987
14:41:55	11-MY	51.582	5.400	1112.57	1021.12	0.980
14:47:55	11-MY	51.682	5.500	1113.21	1021.76	0.973
14:53:55	11-MY	51.782	5.600	1113.84	1022.39	0.966
14:59:55	11-MY	51.882	5.700	1114.48	1023.03	0.959
15: 5:55	11-MY	51.982	5.800	1115.11	1023.66	0.952
15:11:55	11-MY	52.082	5.900	1115.73	1024.28	0.946
15:17:55	11-MY	52.182	6.000	1116.36	1024.91	0.939
15:23:55	11-MY	52.282	6.100	1116.94	1025.49	0.933
15:29:55	11-MY	52.382	6.200	1117.52	1026.07	0.927
15:35:55	11-MY	52.482	6.300	1118.11	1026.66	0.921
15:41:55	11-MY	52.582	6.400	1118.51	1027.06	0.915
15:47:55	11-MY	52.682	6.500	1118.90	1027.45	0.909
15:53:55	11-MY	52.782	6.600	1119.29	1027.84	0.903
15:59:55	11-MY	52.882	6.700	1119.87	1028.42	0.897
16: 5:55	11-MY	52.982	6.800	1120.56	1029.11	0.892
16:11:55	11-MY	53.082	6.900	1121.26	1029.81	0.886
16:17:55	11-MY	53.182	7.000	1121.85	1030.40	0.881
16:23:55	11-MY	53.282	7.100	1122.35	1030.90	0.875
16:29:55	11-MY	53.382	7.200	1122.86	1031.41	0.870
16:35:55	11-MY	53.482	7.300	1123.12	1031.67	0.865
16:41:55	11-MY	53.582	7.400	1123.12	1031.67	0.860
16:47:55	11-MY	53.682	7.500	1123.12	1031.67	0.855
16:53:55	11-MY	53.782	7.600	1123.36	1031.91	0.850
16:59:55	11-MY	53.882	7.700	1124.08	1032.63	0.845
17: 5:55	11-MY	53.982	7.800	1124.79	1033.34	0.840
17:11:55	11-MY	54.082	7.900	1125.54	1034.09	0.835
17:17:55	11-MY	54.182	8.000	1126.37	1034.92	0.831
17:23:55	11-MY	54.282	8.100	1127.20	1035.75	0.826
17:29:55	11-MY	54.382	8.200	1127.87	1036.42	0.822
17:35:55	11-MY	54.482	8.300	1128.35	1036.90	0.817
17:41:55	11-MY	54.582	8.400	1128.83	1037.38	0.813
17:47:55	11-MY	54.682	8.500	1129.30	1037.85	0.808
17:53:55	11-MY	54.782	8.600	1129.67	1038.22	0.804

TEST PHASE : SHUTIN PERIOD # 1  
 FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
*****	*****	*****	*****	*****	*****	*****
17:59:55	11-MY	54.882	8.700	1130.03	1038.58	0.800
18: 5:55	11-MY	54.982	8.800	1130.39	1038.94	0.796
18:11:55	11-MY	55.082	8.900	1130.85	1039.40	0.792
18:17:55	11-MY	55.182	9.000	1131.35	1039.90	0.788
18:23:55	11-MY	55.282	9.100	1131.84	1040.39	0.784
18:29:55	11-MY	55.382	9.200	1132.44	1040.99	0.780
18:35:55	11-MY	55.482	9.300	1133.11	1041.66	0.776
18:41:55	11-MY	55.582	9.400	1133.78	1042.33	0.772
18:47:55	11-MY	55.682	9.500	1134.35	1042.90	0.768
18:53:55	11-MY	55.782	9.600	1134.57	1043.12	0.764
18:59:55	11-MY	55.882	9.700	1134.79	1043.34	0.761
19: 5:55	11-MY	55.982	9.800	1135.01	1043.56	0.757
19:11:55	11-MY	56.082	9.900	1135.23	1043.78	0.753
19:17:55	11-MY	56.182	10.000	1135.37	1043.92	0.750
19:23:55	11-MY	56.282	10.100	1135.47	1044.02	0.746
19:29:55	11-MY	56.382	10.200	1135.58	1044.13	0.743
19:35:55	11-MY	56.482	10.300	1135.68	1044.23	0.739
19:41:55	11-MY	56.582	10.400	1135.88	1044.43	0.736
19:47:55	11-MY	56.682	10.500	1136.19	1044.74	0.732
19:53:55	11-MY	56.782	10.600	1136.50	1045.05	0.729
19:59:55	11-MY	56.882	10.700	1136.95	1045.50	0.726
20: 5:55	11-MY	56.982	10.800	1137.72	1046.27	0.722
20:11:55	11-MY	57.082	10.900	1138.50	1047.05	0.719
20:17:55	11-MY	57.182	11.000	1139.04	1047.59	0.716
20:23:55	11-MY	57.282	11.100	1139.41	1047.96	0.713
20:29:55	11-MY	57.382	11.200	1139.78	1048.33	0.710
20:35:55	11-MY	57.482	11.300	1140.26	1048.81	0.706
20:41:55	11-MY	57.582	11.400	1140.75	1049.30	0.703
20:47:55	11-MY	57.682	11.500	1141.23	1049.78	0.700
20:53:55	11-MY	57.782	11.600	1141.79	1050.34	0.697
20:59:55	11-MY	57.882	11.700	1142.38	1050.93	0.694
21: 5:55	11-MY	57.982	11.800	1142.97	1051.52	0.691
21:11:55	11-MY	58.082	11.900	1143.40	1051.95	0.688
21:17:55	11-MY	58.182	12.000	1143.79	1052.34	0.686
21:23:55	11-MY	58.282	12.100	1144.19	1052.74	0.683
21:29:55	11-MY	58.382	12.200	1144.69	1053.24	0.680
21:35:55	11-MY	58.482	12.300	1145.78	1054.33	0.677
21:41:55	11-MY	58.582	12.400	1146.87	1055.42	0.674
21:47:55	11-MY	58.682	12.500	1147.73	1056.28	0.672
21:53:55	11-MY	58.782	12.600	1148.48	1057.03	0.669
21:59:55	11-MY	58.882	12.700	1149.18	1057.73	0.666
22: 5:55	11-MY	58.982	12.800	1149.22	1057.77	0.664
22:11:55	11-MY	59.082	12.900	1149.26	1057.81	0.661
22:17:55	11-MY	59.182	13.000	1149.30	1057.85	0.658
22:23:55	11-MY	59.282	13.100	1149.42	1057.97	0.656
22:29:55	11-MY	59.382	13.200	1149.60	1058.15	0.653
22:35:55	11-MY	59.482	13.300	1149.78	1058.33	0.651
22:41:55	11-MY	59.582	13.400	1150.00	1058.55	0.648

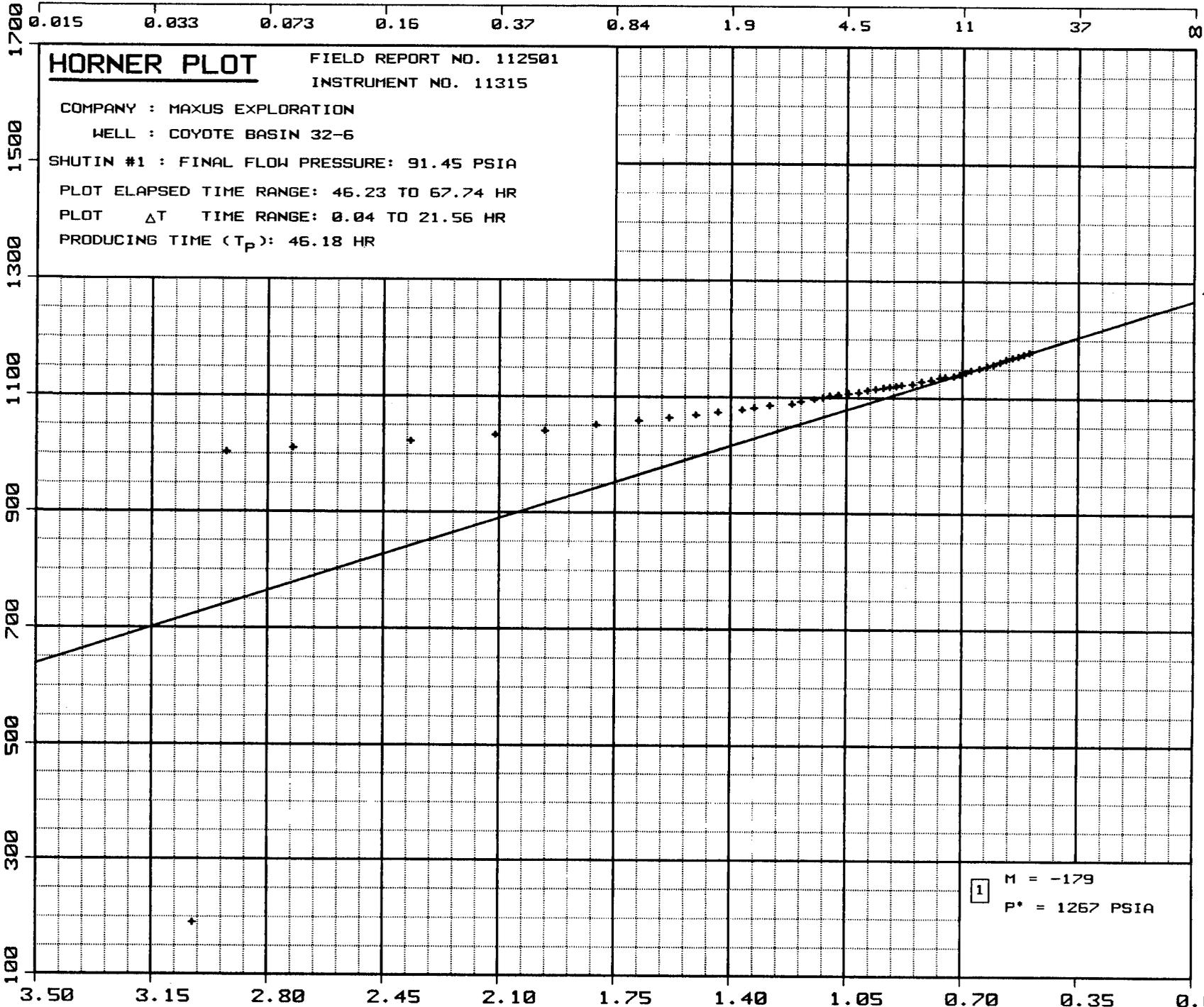
TEST PHASE : SHUTIN PERIOD # 1  
 FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
*****	*****	*****	*****	*****	*****	*****
22:47:55	11-MY	59.682	13.500	1150.29	1058.84	0.646
22:53:55	11-MY	59.782	13.600	1150.57	1059.12	0.643
22:59:55	11-MY	59.882	13.700	1150.93	1059.48	0.641
23: 5:55	11-MY	59.982	13.800	1151.38	1059.93	0.638
23:11:55	11-MY	60.082	13.900	1151.84	1060.39	0.636
23:17:55	11-MY	60.182	14.000	1152.33	1060.88	0.633
23:23:55	11-MY	60.282	14.100	1152.92	1061.47	0.631
23:29:55	11-MY	60.382	14.200	1153.51	1062.06	0.629
23:35:55	11-MY	60.482	14.300	1154.05	1062.60	0.626
23:41:55	11-MY	60.582	14.400	1154.30	1062.85	0.624
23:47:55	11-MY	60.682	14.500	1154.54	1063.09	0.622
23:53:55	11-MY	60.782	14.600	1154.79	1063.34	0.619
23:59:55	11-MY	60.882	14.700	1154.96	1063.51	0.617
0: 5:55	12-MY	60.982	14.800	1155.10	1063.65	0.615
0:11:55	12-MY	61.082	14.900	1155.24	1063.79	0.613
0:17:55	12-MY	61.182	15.000	1155.76	1064.31	0.611
0:23:55	12-MY	61.282	15.100	1156.36	1064.91	0.608
0:29:55	12-MY	61.382	15.200	1157.04	1065.59	0.606
0:35:55	12-MY	61.482	15.300	1157.79	1066.34	0.604
0:41:55	12-MY	61.582	15.400	1158.53	1067.08	0.602
0:47:55	12-MY	61.682	15.500	1158.86	1067.41	0.600
0:53:55	12-MY	61.782	15.600	1159.19	1067.74	0.598
0:59:55	12-MY	61.882	15.700	1159.62	1068.17	0.596
1: 5:55	12-MY	61.982	15.800	1160.06	1068.61	0.594
1:11:55	12-MY	62.082	15.900	1160.46	1069.01	0.592
1:17:55	12-MY	62.182	16.000	1160.77	1069.32	0.590
1:23:55	12-MY	62.282	16.100	1161.08	1069.63	0.588
1:29:55	12-MY	62.382	16.200	1161.63	1070.18	0.586
1:35:55	12-MY	62.482	16.300	1162.36	1070.91	0.584
1:41:55	12-MY	62.582	16.400	1163.08	1071.63	0.582
1:47:55	12-MY	62.682	16.500	1163.45	1072.00	0.580
1:53:55	12-MY	62.782	16.600	1163.76	1072.31	0.578
1:59:55	12-MY	62.882	16.700	1164.06	1072.61	0.576
2: 5:55	12-MY	62.982	16.800	1164.35	1072.90	0.574
2:11:55	12-MY	63.082	16.900	1164.75	1073.30	0.572
2:17:55	12-MY	63.182	17.000	1165.22	1073.77	0.570
2:23:55	12-MY	63.282	17.100	1165.69	1074.24	0.568
2:29:55	12-MY	63.382	17.200	1165.70	1074.25	0.566
2:35:55	12-MY	63.482	17.300	1165.64	1074.19	0.565
2:41:55	12-MY	63.582	17.400	1165.78	1074.33	0.563
2:47:55	12-MY	63.682	17.500	1166.13	1074.68	0.561
2:53:55	12-MY	63.782	17.600	1166.51	1075.06	0.559
2:59:55	12-MY	63.882	17.700	1167.11	1075.66	0.557
3: 5:55	12-MY	63.982	17.800	1167.71	1076.26	0.556
3:11:55	12-MY	64.082	17.900	1168.08	1076.63	0.554
3:17:55	12-MY	64.182	18.000	1168.35	1076.90	0.552
3:23:55	12-MY	64.282	18.100	1168.63	1077.18	0.550
3:29:55	12-MY	64.382	18.200	1169.02	1077.57	0.549

TEST PHASE : SHUTIN PERIOD # 1  
 FINAL FLOW PRESSURE [PSIA] = 91.45  
 PRODUCING TIME [HR] = 46.182

TIME OF DAY	DATE	ELAPSED TIME, HR	DELTA TIME, HR	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
*****	*****	*****	*****	*****	*****	*****
3:35:55	12-MY	64.482	18.300	1169.49	1078.04	0.547
3:41:55	12-MY	64.582	18.400	1169.96	1078.51	0.545
3:47:55	12-MY	64.682	18.500	1170.31	1078.86	0.544
3:53:55	12-MY	64.782	18.600	1170.40	1078.95	0.542
3:59:55	12-MY	64.882	18.700	1170.48	1079.03	0.540
4: 5:55	12-MY	64.982	18.800	1170.56	1079.11	0.539
4:11:55	12-MY	65.082	18.900	1170.69	1079.24	0.537
4:17:55	12-MY	65.182	19.000	1170.83	1079.38	0.535
4:23:55	12-MY	65.282	19.100	1171.03	1079.58	0.534
4:29:55	12-MY	65.382	19.200	1171.24	1079.79	0.532
4:35:55	12-MY	65.482	19.300	1171.83	1080.38	0.531
4:41:55	12-MY	65.582	19.400	1172.51	1081.06	0.529
4:47:55	12-MY	65.682	19.500	1172.99	1081.54	0.527
4:53:55	12-MY	65.782	19.600	1173.03	1081.58	0.526
4:59:55	12-MY	65.882	19.700	1173.07	1081.62	0.524
5: 5:55	12-MY	65.982	19.800	1173.12	1081.67	0.523
5:11:55	12-MY	66.082	19.900	1173.43	1081.98	0.521
5:17:55	12-MY	66.182	20.000	1173.79	1082.34	0.520
5:23:55	12-MY	66.282	20.100	1174.13	1082.68	0.518
5:29:55	12-MY	66.382	20.200	1174.47	1083.02	0.517
5:35:55	12-MY	66.482	20.300	1174.81	1083.36	0.515
5:41:55	12-MY	66.582	20.400	1174.98	1083.53	0.514
5:47:55	12-MY	66.682	20.500	1175.30	1083.85	0.512
5:53:55	12-MY	66.782	20.600	1175.91	1084.46	0.511
5:59:55	12-MY	66.882	20.700	1176.31	1084.86	0.509
6: 5:55	12-MY	66.982	20.800	1176.62	1085.17	0.508
6:11:55	12-MY	67.082	20.900	1176.93	1085.48	0.506
6:17:55	12-MY	67.182	21.000	1177.24	1085.79	0.505
6:23:55	12-MY	67.282	21.100	1177.51	1086.06	0.504
6:29:55	12-MY	67.382	21.200	1177.51	1086.06	0.502
6:35:55	12-MY	67.482	21.300	1177.51	1086.06	0.501
6:41:55	12-MY	67.582	21.400	1177.51	1086.06	0.499
6:47:55	12-MY	67.682	21.500	1177.51	1086.06	0.498
6:51:26	12-MY	67.741	21.559	1177.51	1086.06	0.497

$\Delta T$  (HR)



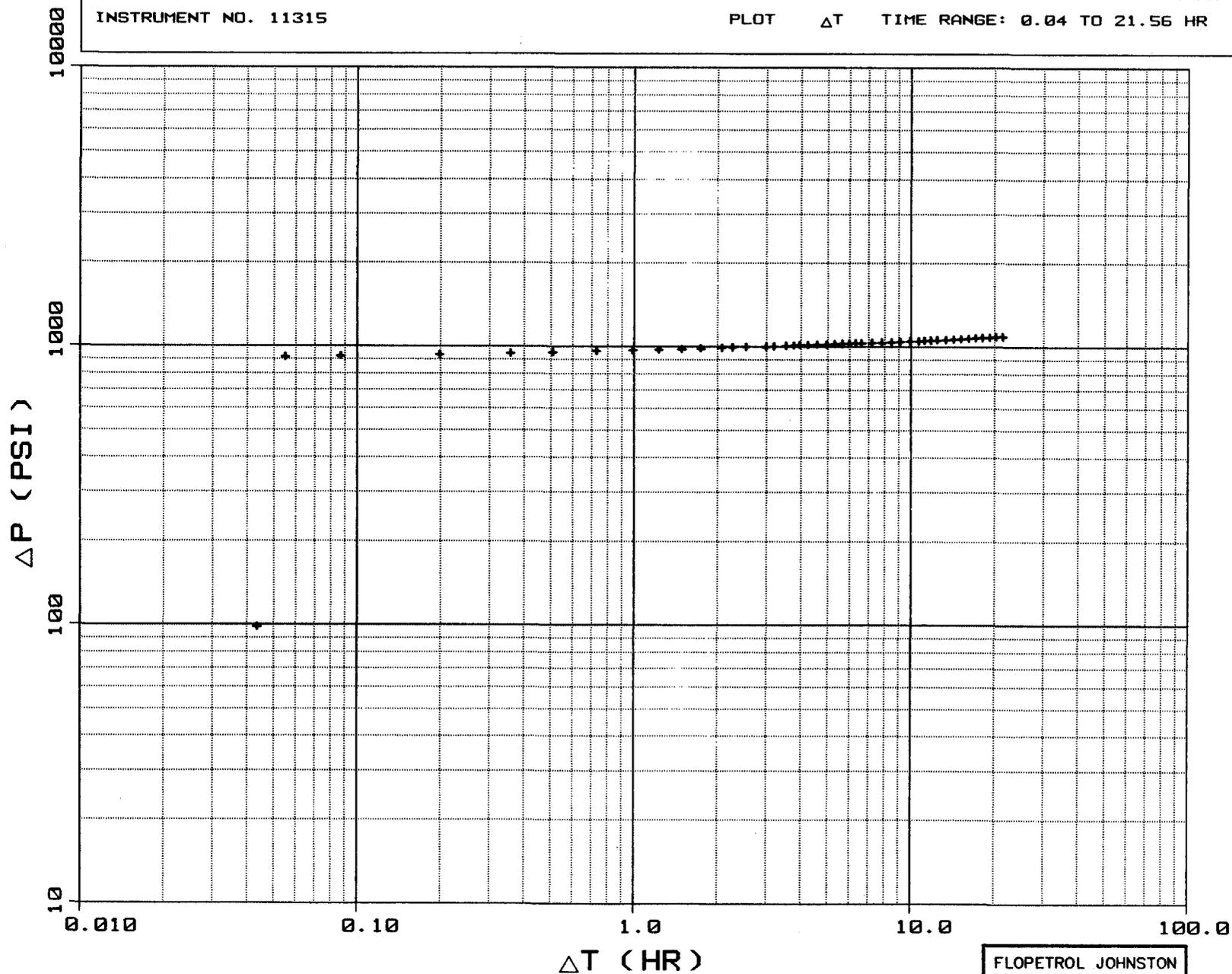
LOG  $\left[ \frac{T_p + \Delta T}{\Delta T} \right]$

FLOPETROL JOHNSTON  
Schlumberger

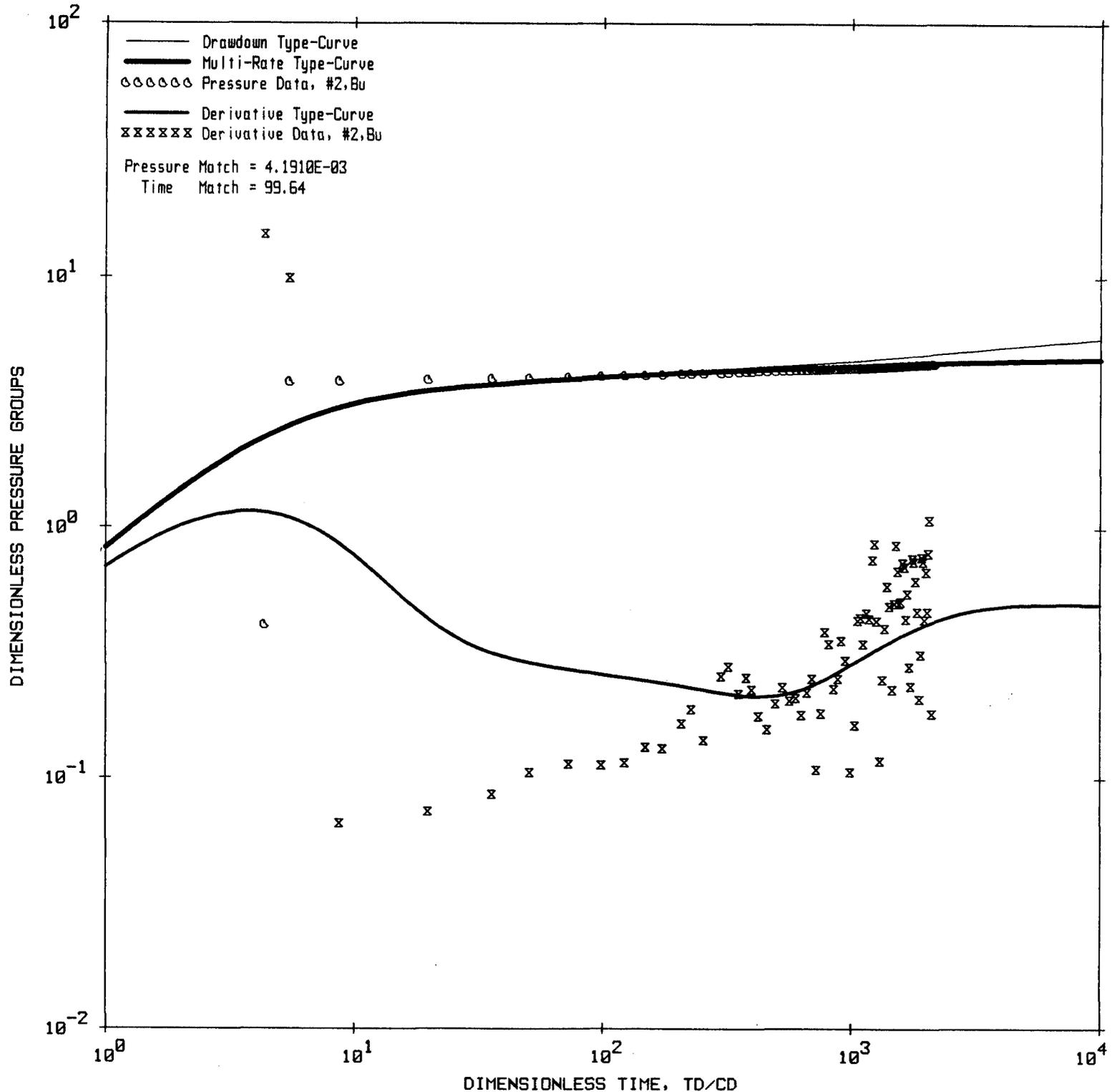
# LOG LOG PLOT

COMPANY : MAXUS EXPLORATION  
WELL : COYOTE BASIN 32-6  
FIELD REPORT NO. 112501  
INSTRUMENT NO. 11315

SHUTIN #1 :  
FINAL FLOW PRESSURE (PWF): 91.45 PSIA  
PLOT ELAPSED TIME RANGE: 46.23 TO 67.74 HR  
PLOT  $\Delta T$  TIME RANGE: 0.04 TO 21.56 HR

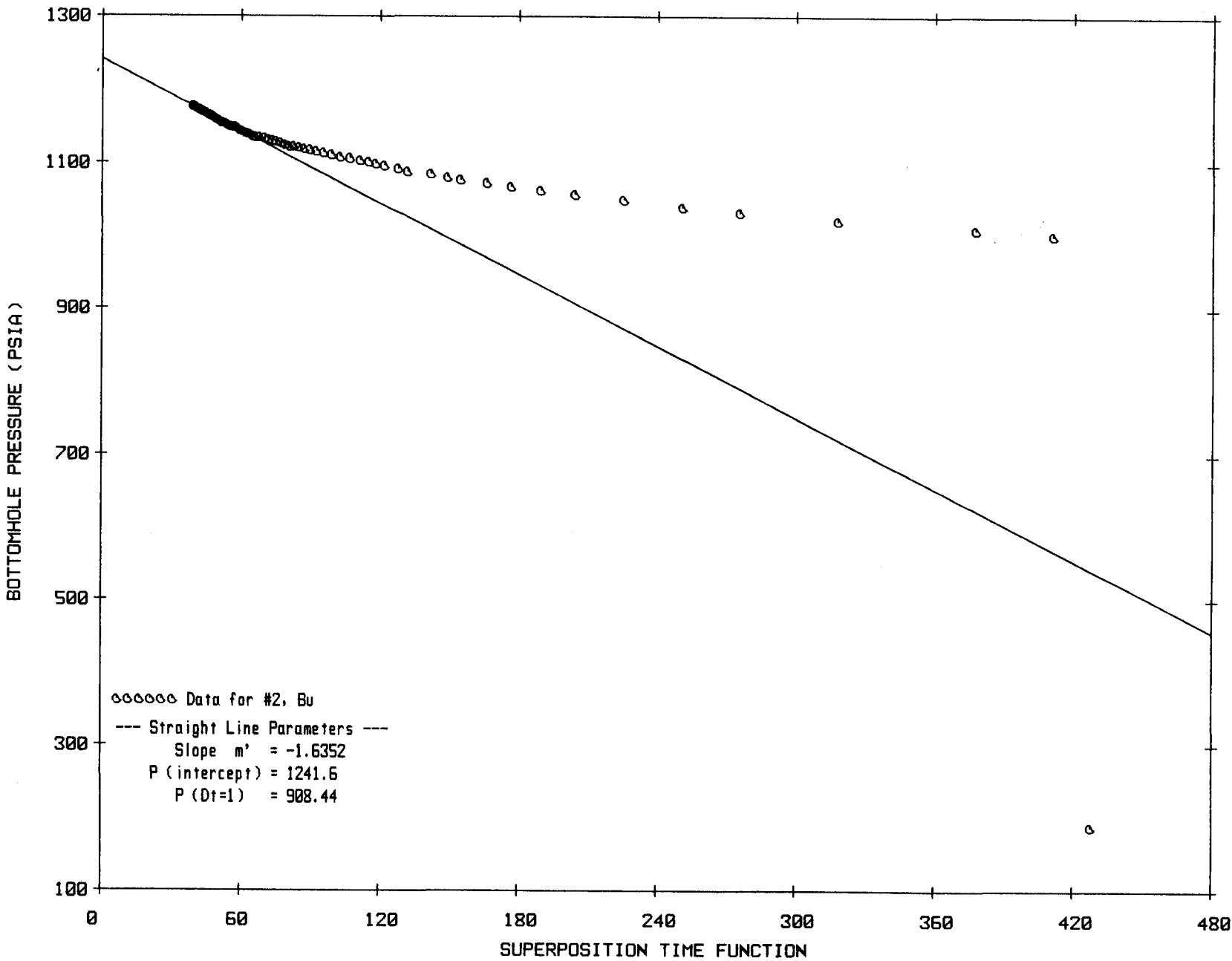


DIMENSIONLESS MULTI-RATE  
PLOT : LOG-LOG MATCH FOR  
#2, Bu



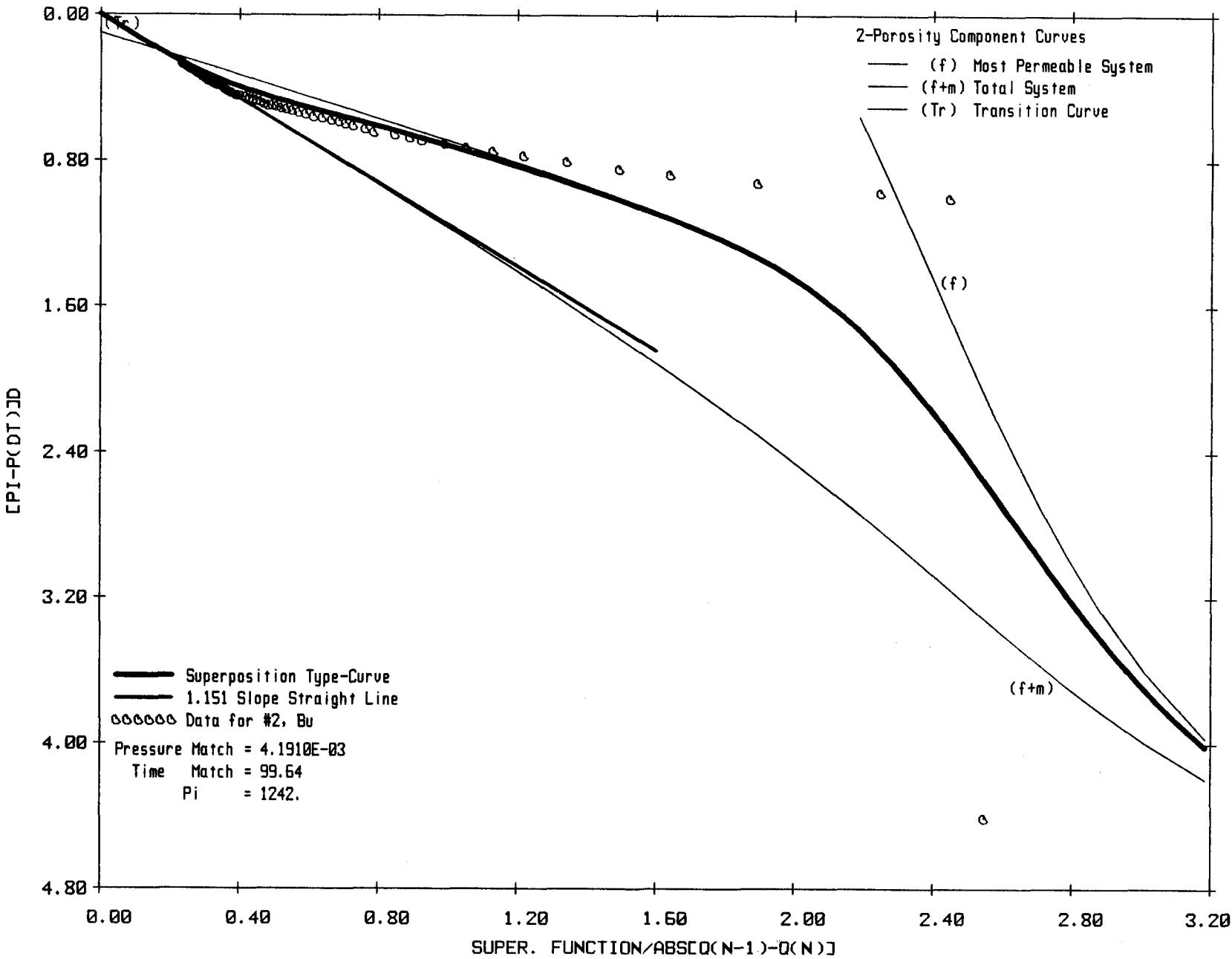
TYPE-CURVE : WELLBORE STORAGE & SKIN (2-POROSITY;SLABS)  
 $CD * E(2S) = 4.46E+00$  ;  $OMEGA = 1.86E-03$  ;  $LAMBDA * E(-2S) = 3.33E-04$

INFINITE-ACTING RADIAL FLOW  
ANALYSIS: SUPERPOSITION PLOT  
FOR #2, Bu



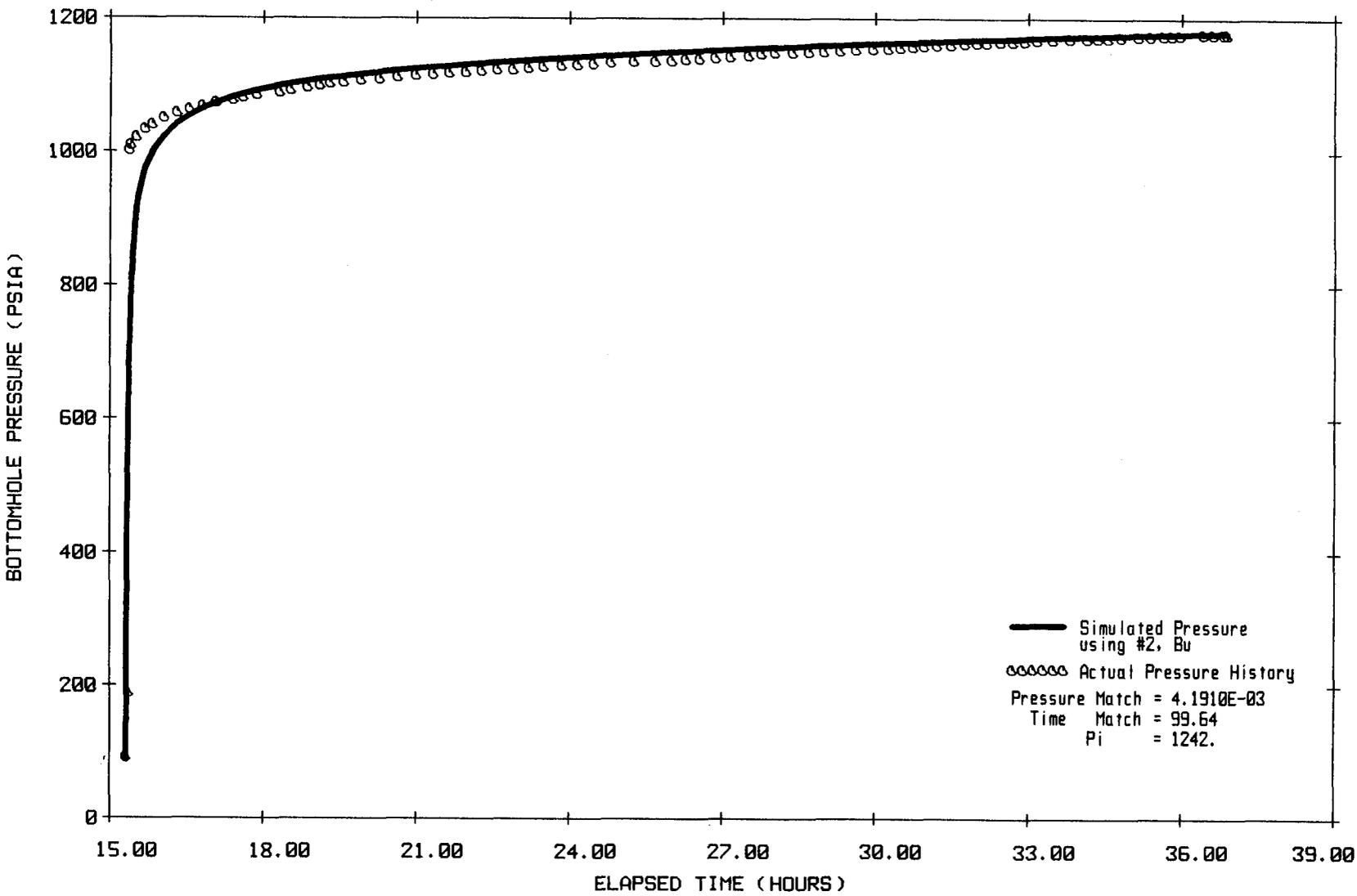
PWF = 91.45 PSIA  
SUPERPOSITION FOR FLOW PERIOD # 2, Bu

DIMENSIONLESS SUPERPOSITION  
PLOT FOR  
#2, Bu



TYPE-CURVE : WELLBORE STORAGE & SKIN (2-POROSITY; SLABS)  
 $CD * E(2S) = 4.46E+00$  ;  $OMEGA = 1.86E-03$  ;  $LAMBDA * E(-2S) = 3.33E-04$

PRESSURE HISTORY MATCH  
SIMULATION



— Simulated Pressure using #2, Bu  
- - - - - Actual Pressure History  
Pressure Match = 4.1910E-03  
Time Match = 99.64  
Pi = 1242.

TYPE-CURVE : WELLBORE STORAGE & SKIN (2-POROSITY;SLABS)  
PRESSURE HISTORY MATCH (SIMULATION)

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 OIL AND GAS INSPECTION RECORD

OPERATOR Maxus Exploration LEASE \_\_\_\_\_  
 WELL NO. Coyote Basin 32-6 API 43-047-31835  
 SEC. 6 T. 8S R. 25E CONTRACTOR \_\_\_\_\_  
 COUNTY SWNE Uintah FIELD \_\_\_\_\_

DRILLING/COMPLETION/WORKOVER:

<input type="checkbox"/> APD	<input type="checkbox"/> WELL SIGN	<input type="checkbox"/> HOUSEKEEPING	<input type="checkbox"/> BCPE
<input type="checkbox"/> SAFETY	<input type="checkbox"/> POLL. CONTROL	<input type="checkbox"/> SURFACE USE	<input type="checkbox"/> PITS
<input type="checkbox"/> OPERATIONS	<input type="checkbox"/> OTHER		

SHUT-IN Y / TA \_\_\_\_\_ :  
 WELL SIGN  HOUSEKEEPING  EQUIPMENT\*  SAFETY  
 OTHER

ABANDONED:  
 MARKER  HOUSEKEEPING  REHAB.  OTHER

PRODUCTION:  
 WELL SIGN  HOUSEKEEPING  EQUIPMENT\*  FACILITIES\*  
 METERING\*  POLL. CONTROL  PITS  DISPOSAL  
 SECURITY  SAFETY  OTHER

GAS DISPOSITION:  
 VENTED/FLARED  SOLD  LEASE USE

LEGEND: Y - YES OR SATISFACTORY  
 N - NO OR UNSATISFACTORY  
 NA - NOT APPLICABLE

\*FACILITIES INSPECTED: location, well head, reserve pit, pad for battery?

REMARKS: SOW - pit fenced on 4 sides & dry.

ACTION: \_\_\_\_\_

INSPECTOR: Carol Kubly 11<sup>th</sup> DATE 17 Aug 88

RECEIVED JUN 13 1988

DISTRIBUTION FOR TECHNICAL REPORTS

COMPANY MAXUS EXPLORATION	DIVISION OF OIL, GAS & MINING	WELL COYOTE BASIN FEDERAL	NO. 32-6
CUSTOMER SAME	FIELD		
COUNTY UINTAH	STATE UTAH		
<input type="checkbox"/> THIS TEST ONLY		<input checked="" type="checkbox"/> ALL TESTS ON THIS WELL	
FJ/S HAS BEEN REQUESTED TO FURNISH THE FOLLOWING COMPANIES WITH TECHNICAL REPORTS AS SHOWN AT LEFT			

X

MAXUS EXPLORATION  
 370 17TH STREET, SUITE 2900  
 DENVER, CO 80202  
 ATTN: MARTY SMITHEY

2

UTAH DIVISION OF OIL, GAS & MINING  
 3 TRIAD CENTER, #350  
 355 W. NORTH TEMPLE  
 SALT LAKE CITY, UT 84180-1203

1

X

MAXUS EXPLORATION CO.  
 P. O. BOX 2530  
 MILLS, WY 82644

1

APACHE CORPORATION  
 1700 LINCOLN ST., SUITE 1900  
 DENVER, CO 80203  
 ATTN: DICK BRUNNER

2

X

MAXUS EXPLORATION CO.  
 DRAWER E  
 VERNAL, UT 84078

1

ROSELIND OIL & GAS  
 P. O. BOX 404  
 TYLER, TX 75710  
 ATTN: KEN ALLEN

1

X

BLM  
 170 S. 500 E  
 VERNAL, UT 84078

1

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-745	
MICROFILM	
2 FILE	

X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL  GAS WELL  OTHER

NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1900' FNL & 2200' FEL

RECEIVED  
FEB 25 1989

DIVISION OF  
OIL, GAS & MINING

PERMIT NO.

43-047-31835

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5596' GR

5. LEASE DESIGNATION AND SERIAL NO.

U020309D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

COYOTE BASIN

9. WELL NO.

32-6

10. FIELD AND POOL, OR WILDCAT

COYOTE BASIN

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA

SEC. 6, T8S, R25E

12. COUNTY OR PARISH 18. STATE

UINTAH

UTAH

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

NOTICE OF INTENTION TO:

TEST WELL SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

SITE SECURITY DIAGRAM

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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.)\*

MAXUS EXPLORATION COMPANY respectfully submits the enclosed site facility diagram and well completion report for the Coyote Basin #32-6 well.

The site security plan for this well will be on file in our Vernal Office for your inspection at your convenience.

I hereby certify that the foregoing is true and correct

SIGNED

*Jim Hendricks*  
Jim Hendricks

TITLE District Engineer

DATE

12-16-88

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED

FEB 23 1989

DIVISION OF  
OIL, GAS & MINING

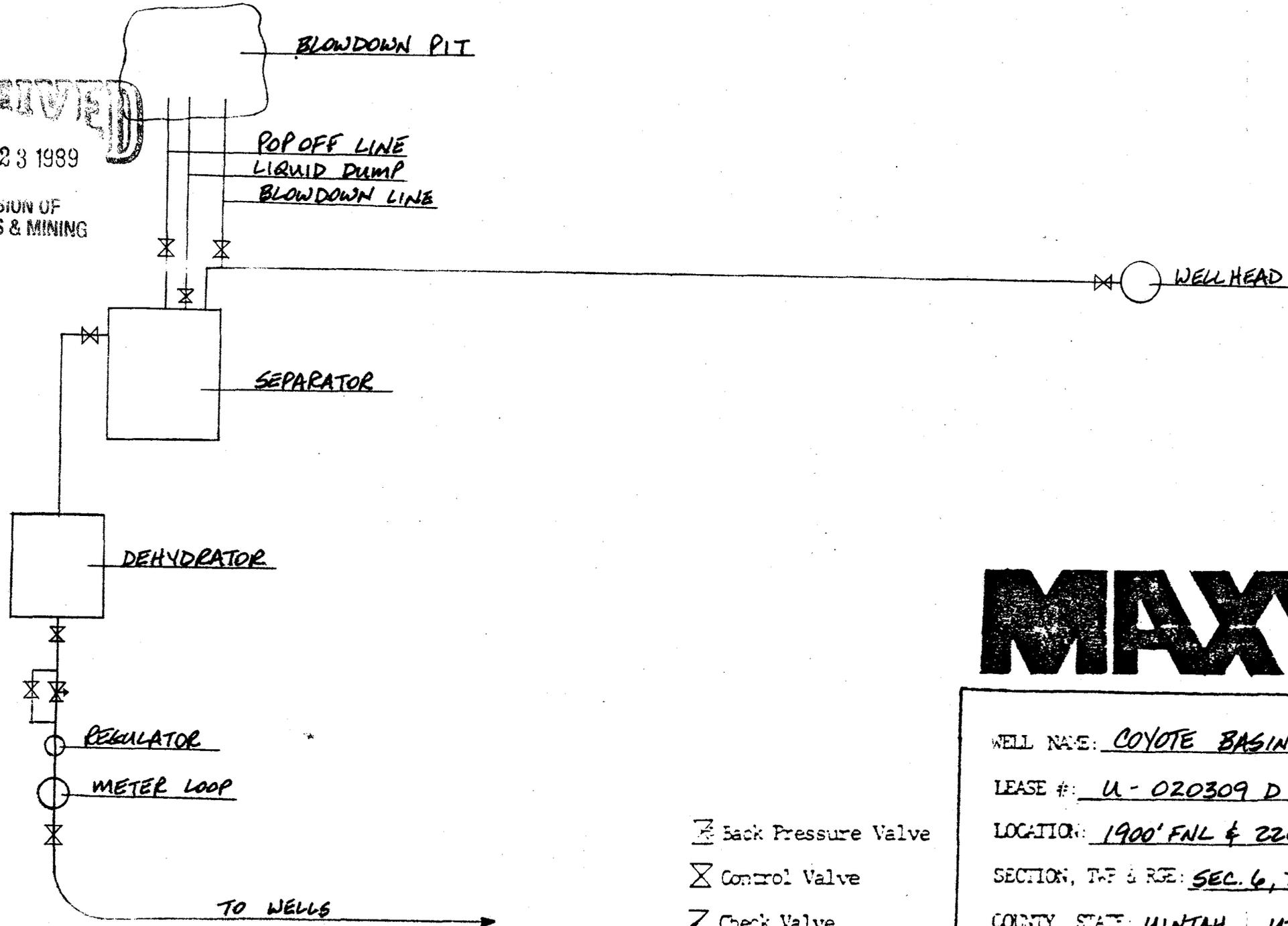


DIAGRAM NOT TO SCALE

# MAXUS

WELL NAME: COYOTE BASIN 32-6

LEASE #: U - 020309 D

LOCATION: 1900' FNL & 2200' FEL

SECTION, T&P & RGE: SEC. 6, T8S, R25E

COUNTY, STATE: UINTAH UTAH

Z Back Pressure Valve

X Control Valve

Z Check Valve

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

A. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

B. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP EN  PLUG BACK

C. NAME OF OPERATOR  
MAXUS EXPLORATION COMPANY

D. ADDRESS OF OPERATOR  
P. O. BOX 1669, VERNAL, UTAH 84078

E. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1900' FNL & 2200' FEL SW/NE OIL, GAS & MINING  
At top prod interval reported below SAME  
At total depth SAME

RECEIVED  
FEB 23 1989  
DIVISION OF

5. LEASE DESIGNATION AND SERIAL NO.  
U-020309D  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
COYOTE BASIN  
9. WELL NO.  
32-6  
10. FIELD AND POOL, OR WILDCAT  
COYOTE BASIN  
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SEC. 6, T8S, R25E

14. PERMIT NO. 43-047-31835 DATE ISSUED 1-7-88  
12. COUNTY OR PARISH UINTAH 13. STATE UTAH

15. DATE SPUNDED 3-6-88 16. DATE T.D. REACHED 4-14-88 17. DATE COMPL. (Ready to prod.) 5-16-88  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5596' GR 19. ELEV. CASINGHEAD 5596'

20. TOTAL DEPTH, MD & TVD 4790' 21. PLUG, BACK T.D., MD & TVD 4750' 22. IF MULTIPLE COMPL., HOW MANY\* N/A  
23. INTERVALS DRILLED BY ROTARY TOOLS 0-4790 CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)\*  
4434-4440' Wasatch 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL/VDL - GR/CNL - DIL 27. WAS WELL CORED YES

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#	290'	12 1/4"	180 SX	-0-
5 1/2"	15.5#	4793'	7 7/8"	310 SX	-0-

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A	N/A	N/A	N/A	N/A	2 3/8"	4365'	4497'

31. PERFORATION RECORD (Interval, size and number)

4434-4440'	24 holes (open)
4582-4588'	24 holes (closed)
4604-4615'	44 holes (closed)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4434-4440'	2000 gal 15% HCL + additives
4583-4588'	210 gal 7% HCL

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
	FLOWING	SHUT-IN

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
5/23/88	24	8/64"	→	-0-	62.0	3.0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
-0-	300	→	-0-	62.0	3.0	N/A

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

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 Jim Hendricks TITLE District Engineer DATE 12-5-88

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





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 10, 1989

Maxus Exploration Company  
P. O. Box 1669  
Vernal, Utah 84078

Gentlemen:

Re: Coyote Basin 32-6 - SW NE Sec. 6, T. 8S, R. 25E - Uintah County, Utah  
1900' FNL, 2200' FEL - API No. 43-047-31835

Approval to drill the referenced well was granted by the Division on January 7, 1988, in accordance with the Board Order of Cause No. 129-1 dated September 13, 1967. The order provides for establishing 80-acre drilling and spacing units for production of oil from the upper and lower sands in the Douglas Creek member of the Green River formation.

The Well Completion Report dated December 5, 1988, submitted by Maxus for the referenced well indicates that it is a shut in gas well and that the producing interval is the Wasatch formation from 4434 feet to 4440 feet.

Therefore, the Division's previous approval to drill granted in accordance with the Order of Cause No. 129-1 is not applicable. The Division is changing it's records to reflect that the referenced well now complies with the requirements of Rule R615-3-3, Exception to Location and Siting of Wells.

In the event that Maxus desires to produce the well from the Green River formation interval, the approval of the Division is necessary. If we can be of further assistance in this matter, please contact this office.

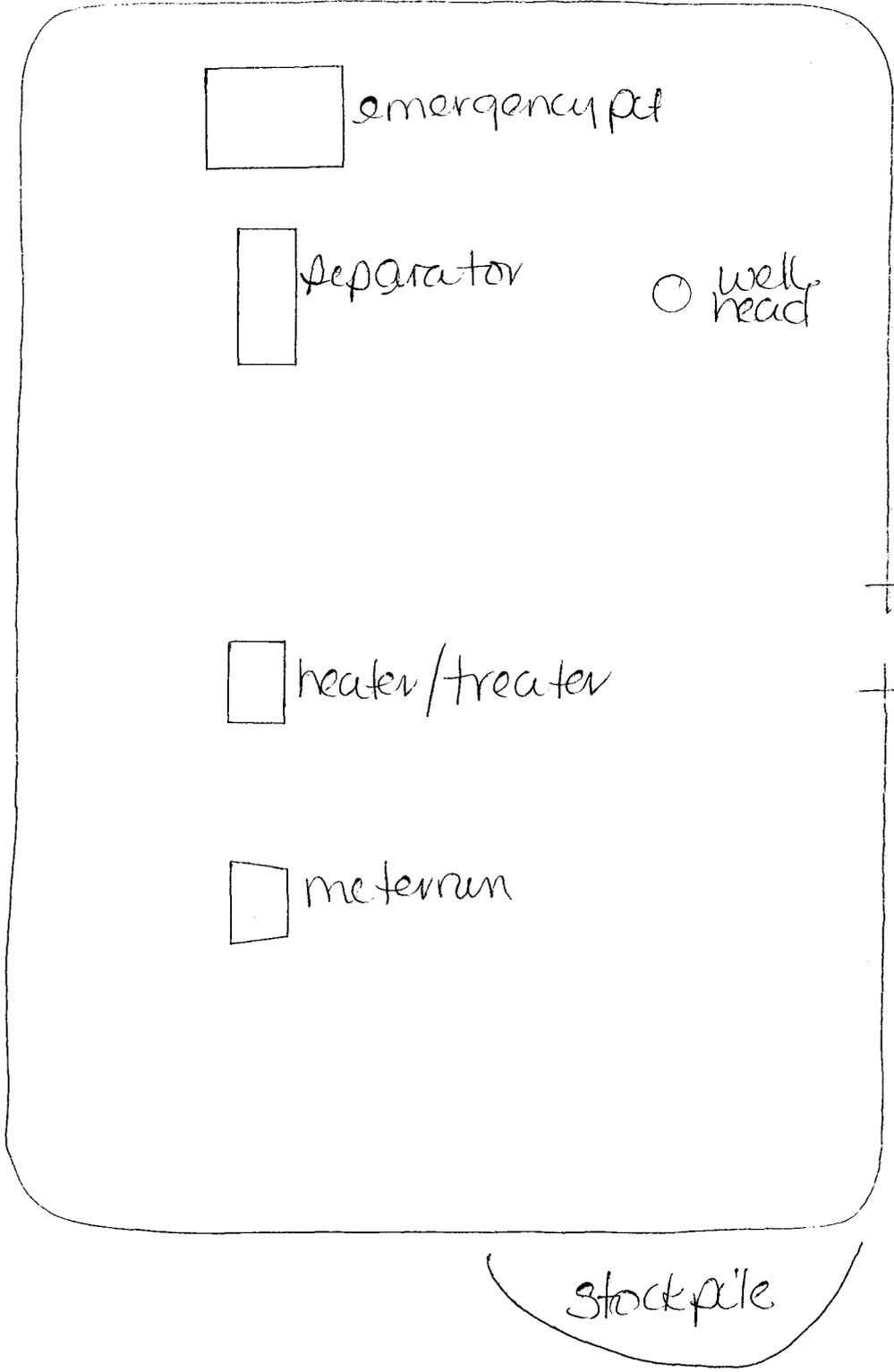
Sincerely,

R. J. Firth

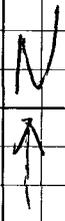
Associate Director, Oil & Gas

lr  
cc: Branch of Fluid Minerals  
D. R. Nielson  
WE14/1

Coyote Basin 32-6 Sec 6, T8 S0, R25E Chubly 3/27/89

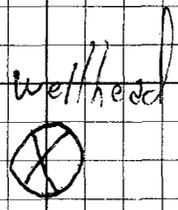


WELLS



Propane tank

Pump Jack

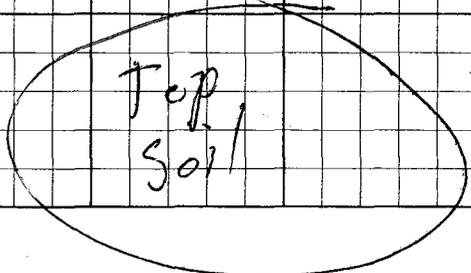


Heated Separator

Dehydrator

Separator  
and  
dehydrator  
not  
hooked up

Access



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

U-020309D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

COYOTE BASIN

9. WELL NO.

32-6

10. FIELD AND POOL, OR WILDCAT

COYOTE BASIN

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

SEC. 6, T8S, R25E

12. COUNTY OR PARISH

UTAH

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different surface.  
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
MAXUS EXPLORATION COMPANY

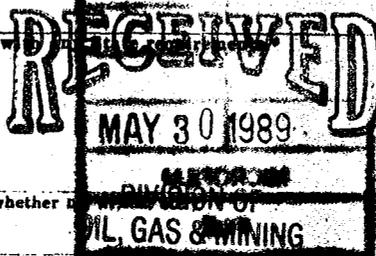
3. ADDRESS OF OPERATOR  
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with BLM Form 3160-5.  
See also space 17 below.)  
At surface

1900' FNL & 2200' FEL SW/NE

14. PERMIT NO.  
43-047-31835

15. ELEVATIONS (Show whether in feet or meters)  
5596' GR



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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) FOR YOUR INFORMATION

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

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

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

MAXUS EXPLORATION COMPANY wishes to inform the BLM that the Coyote Basin 32-6 well has, since completion, been shut-in awaiting a fuel demand from our other wells in the area.

The Coyote Basin 32-6 was completed and tied to our existing wells in the field as a fuel gas supplement, but no gas has been required since it's completion.

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

SIGNED Jim Hendricks  
Jim Hendricks

TITLE Production Engineer

DATE April 3, 1989

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side



# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

RECEIVED

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

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

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil  
P.O. Box 21017  
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all  
your help, Lisha!*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
SEE ATTACHED LIST

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
EQUITABLE RESOURCES ENERGY COMPANY

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.  
See also space 17 below.)  
At surface  
At proposed prod. zone SEE ATTACHED LIST

14. API NO.

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

12. COUNTY

13. STATE

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF  PULL OR ALTER CASING   
 FRACTURE TREAT  MULTIPLE COMPLETE   
 SHOOT OR ACIDIZE  ABANDON   
 REPAIR WELL  CHANGE PLANS   
 (Other) Change of Operator

WATER SHUT-OFF  REPAIRING WELL   
 FRACTURE TREATMENT  ALTERING CASING   
 SHOOTING OR ACIDIZING  ABANDONMENT\*   
 (Other) \_\_\_\_\_  
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START \_\_\_\_\_

DATE OF COMPLETION \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY  
P.O. Box 21017  
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

**RECEIVED**

OCT 09 1991

DIVISION OF  
OIL GAS & MINING

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

SIGNED [Signature] TITLE Attorney-in-Fact

DATE October 8, 1991

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Maxus Exploration Com  
P.O. Box 2530  
Mills, Wyoming 82644  
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF  
OIL GAS & MINING

**MAXUS**

October 7, 1991

State of Utah  
Division of Oil & Gas  
3 Triad Center, Ste. 350  
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus  
Exploration Company Wells

Dear Sir:

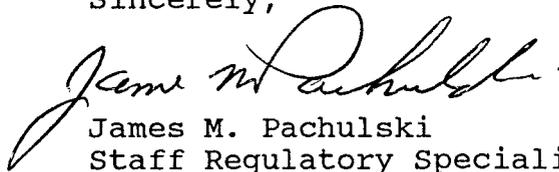
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil  
P.O. Box 21017  
Billings, Montana 59104  
Attn: Bobbie Schuman  
Coordinator of Environmental and Regulatory  
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,

  
James M. Pachulski  
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation  
717 North Harwood Street  
Dallas, Texas 75201  
214 953-2000

11/1/91

**MAXUS**

TO: INTEREST OWNERS                      SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO  
P. O. BOX 21017  
BILLINGS, MT 59104                      PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE~~. I JUST WANTED TO GIVE YOU THEIR NAME AND ADDRESS.

*Nancy Lawrence*

Nancy Lawrence / 214/953-2177  
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF  
OIL GAS & MINING



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• ATTN NANCY LAWRENCE  
MAXUS EXPLORATION COMPANY  
717 N. HARWOOD, STE 2900  
DALLAS TX 75201-

Utah Account No. N0865  
Report Period (Month/Year) 12 / 91  
Amended Report

Well Name API Number    Entity    Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
✓ PARIETTE BENCH FEDERAL #32-6 4304731554 09885 09S 19E 6	GRRV				
✓ PARIETTE BENCH FED #43-6 4304731616 10280 09S 19E 6	GRRV				
✓ ALLEN FEDERAL #31-6 4301331195 10788 09S 17E 6	GRRV				
✓ MAXUS FEDERAL #23-8 4301331196 10800 09S 17E 8	GRRV				
✓ COYOTE BASIN 32-6 4304731835 10865 08S 25E 6	WSTC				
✓ MONMNT BUTTE 1-13 4330702 11068 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-14 4301330703 11069 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-23 4301330646 11070 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-33 4301330735 11071 09S 16E 1	GRRV				
✓ MONMNT BUTTE 1-43 4301330734 11072 09S 16E 1	GRRV				
✓ E. Red Wash 2-5 43-047-20252 1112 8S 25E 5	GRRV		- TA status		
✓ Pariette Bench Unit #4 43-047-15681 99990 9S 19E 7	GRRV		- WDW U-017992	* Btm did not submit approval. Still Maxus. (Req. Transfer of Authority to Inject)	
TOTAL					

Comments (attach separate sheet if necessary) \* Pariette Bench Unit

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 SOUTH 500 EAST  
VERNAL, UTAH 84078



IN REPLY REFER TO:

3162.3  
UT08438

JAN 02 1992

Equitable Resources Energy Company  
Attn: Bobbie Schuman  
P.O. Box 21017  
Billings, Montana 59104

43-047-31835-  
Re: Well No. Coyote Basin 32-6  
SWNE, Sec. 6, T8S, R25E  
Lease U-20309-D  
Uintah County, Utah

Dear Ms. Schuman:

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, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II  
Assistant District Manager for Minerals

cc: Maxus Exploration Company

**RECEIVED**

JAN 06 1992

DIVISION OF  
OIL, GAS & MINING

1- LCR
2- DTS
3- VLC
4- RJF
5- RWM
6- ADA 7-LCR

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: 11-1-91)

(new operator) BALCRON OIL  
 (address) P. O. BOX 21017  
1601 LEWIS AVENUE BUILDING  
BILLINGS, MT 59104  
 phone (406 ) 259-7860  
 account no. N9890 (12-5-91)

FROM (former operator) MAXUS EXPLORATION COMPANY  
 (address) 717 N. HARWOOD, STE 2900  
DALLAS, TX 75201.  
JAMES PACHULSKI (WYO)  
 phone ( 307 ) 266-1882  
 account no. N 0865

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

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-9-91)*
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) If yes, show company file number: dba 097441. *(Owned by Equitable Resources Energy Company # 134640)*
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.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

VERIFICATION (Fee wells only)

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

STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: \_\_\_\_\_ 19\_\_\_\_.

INDEXING

- 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.

REMARKS

- 911007 Btm/Vernal "No documentation as of yet."
- 911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify Diem when approved.
- 111125 Btm/Vernal " "
- 111231 Btm/Vernal " "

920110 Balceron/Bobby Schuman Reg. Transfer of Authority to inject "Parlette Bench Unit #4" and  
 134-35 Sundry for operator change "Mellonck St. 42-11."

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
U-20309-D

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

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME  
n/a

2. NAME OF OPERATOR  
BALCRON OIL

8. FARM OR LEASE NAME  
Coyote Basin

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

9. WELL NO.  
32-6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 1900' FNL, 2200' FEL  
At proposed prod. zone

RECEIVED

APR 29 1992

10. FIELD AND POOL, OR WILDCAT  
Coyote Basin/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SW NE Sec 6, T8S, R25E

14. API NO.  
43-047-31835

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,596' GL

12. COUNTY  
Uintah

13. STATE  
UTAH

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF  PULL OR ALTER CASING   
 FRACTURE TREAT  MULTIPLE COMPLETE   
 SHOOT OR ACIDIZE  ABANDON   
 REPAIR WELL  CHANGE PLANS   
 (Other)  Recompletion

SUBSEQUENT REPORT OF:

WATER SHUT-OFF  REPAIRING WELL   
 FRACTURE TREATMENT  ALTERING CASING   
 SHOOTING OR ACIDIZING  ABANDONMENT\*   
 (Other)   
 (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START \_\_\_\_\_

DATE OF COMPLETION \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

Operator proposes to test this well for water production potential by perforating the 5-1/2" casing @ 3,108'-3,154' KB w/2 SPF. A retrievable bridge plug will be set at 3,170' KB and the well will be swabbed to clean up the shot powder. A 5-1/2" tension packer will be set at 3,100' on 2-3/8" tubing. The well will be acidized w/2000 gal. of 15% Hcl acid and balled off w/150 sinker balls. The well will be swabbed to recover the acid load and to test for water production. The East Red Wash #1 well location in the SW SW Section 4, T8S, R25E was DST tested in this horizon and recovered approximately 1900' of slightly salty sulfur water. If the #32-6 well is capable of producing our required volumes of water, operator will apply for the necessary BLM right-of-way permit to utilize the water production in a proposed waterflood pilot test. Attached is a copy of the #32-6 well cement bond log, a map of the Coyote Basin Field, and the East Red Wash #1 DST data.

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

SIGNED Bobbie Schuman  
Bobbie Schuman  
(This space for Federal or State office use)

Coordinator of Environmental  
and Regulatory

TITLE

APPROVED BY THE STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE: 6-4-92  
BY: [Signature]

Schlumberger

CEMENT BOND LOG /VDL

UTAH COUNTY COYOTE BASIN FIELD LOCATION SW/NE COYOTE BASIN NO.32-6 WELL COMPANY MAXUS EXPLORATION	COMPANY		MAXUS EXPLORATION	
	WELL		COYOTE BASIN NO.32-6	
	FIELD		COYOTE BASIN	
	COUNTY		UINTAH	STATE
LOCATION		SW/NE		Other Services: SDT
		1950' FNL, 2200' FWL		
API SERIAL NO.		SECT.	TWP.	RANGE
		6	8 S	25 E
Permanent Datum		GL	Elev.	5596.0 F
Log Measured From		KB	13.8 F	above Perm. Datum
Drilling Measured From		KB		
				Elev.: K.B.5609.8 F
				D.F.5608.8 F
				G.L.5596.0 F
Date	6-MAY-88			
Run No.	ONE			
Depth Driller	4750.0 F			
Depth Logger (Schl.)	4745.0 F			
Btm. Log Interval	4733.0 F			
Top Log Interval	1850.0 F			
Casing-Driller	8 5/8	289.0 F	5 1/2	4790.0 F
Casing-Logger				
Bit Size	7 7/8			
Type Fluid in Hole	3% KCL WATER			
Dens.	Visc.	8.48 LB/G		
pH	Fid. Loss			
Source of Sample				
Rm @ Meas. Temp.				
Rmf @ Meas. Temp.				
Rmc @ Meas. Temp.				
Source: Rmf		Rmc		
Rm @ BHT			124. DEGF	
H I	Circulation Ended	5-6 @ 13:30		
	Logger on Bottom	5-6 @ 15:25		
Max. Rec. Temp.		124. DEGF		
Equip.	Location	8212	VERNAL	
Recorded By		J. GEBHART		
Witnessed By		MR. RON ZELLER		

The well name, location and borehole reference data were furnished by the customer.

RECEIVED

APR 29 1992

DIVISION OF  
OIL GAS & MINING

*Water Rights  
in Vernal 781-0770*

L.B #32-6

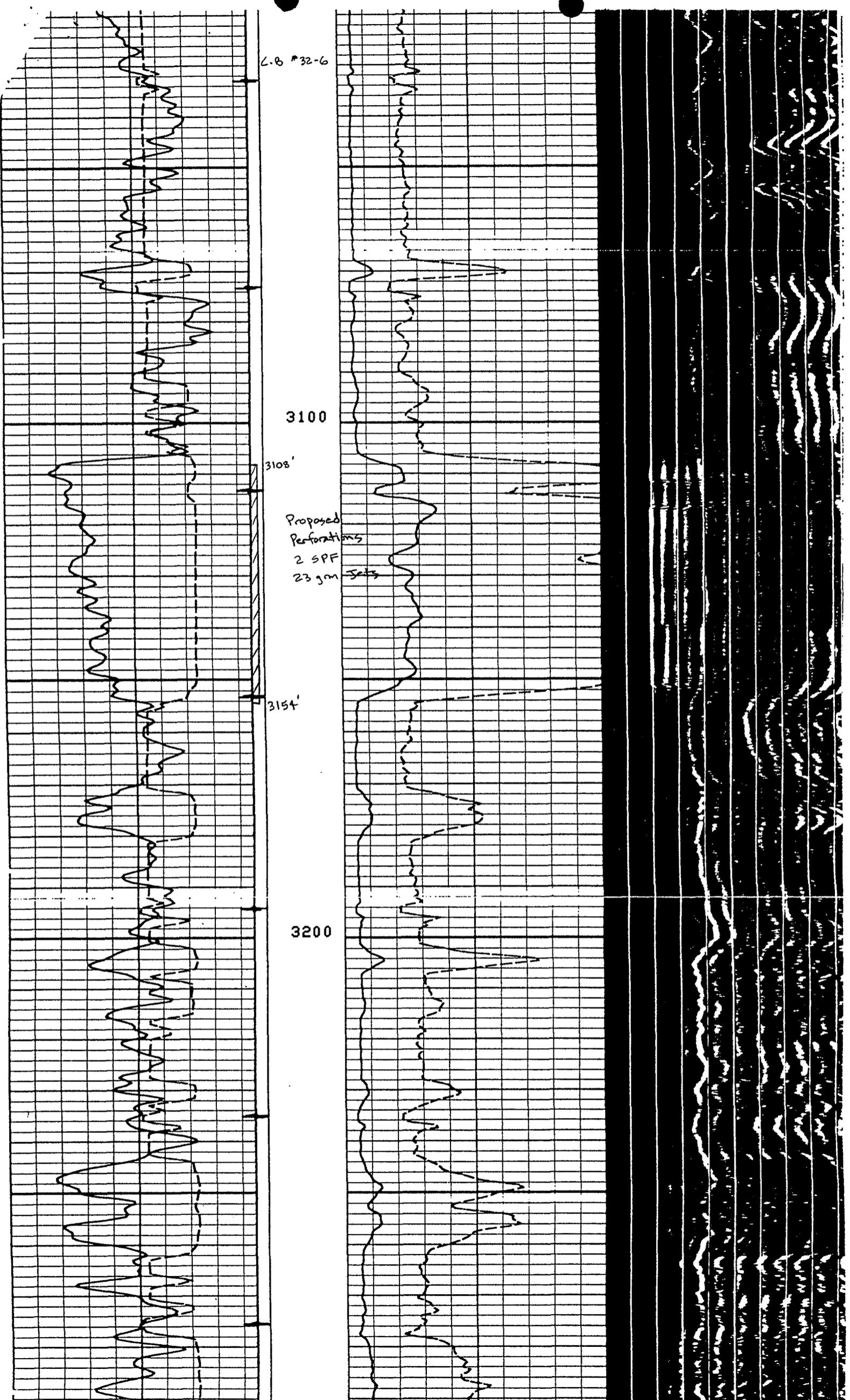
3100

3108'

Proposed  
Perforations  
2 SPF  
23 gm Sets

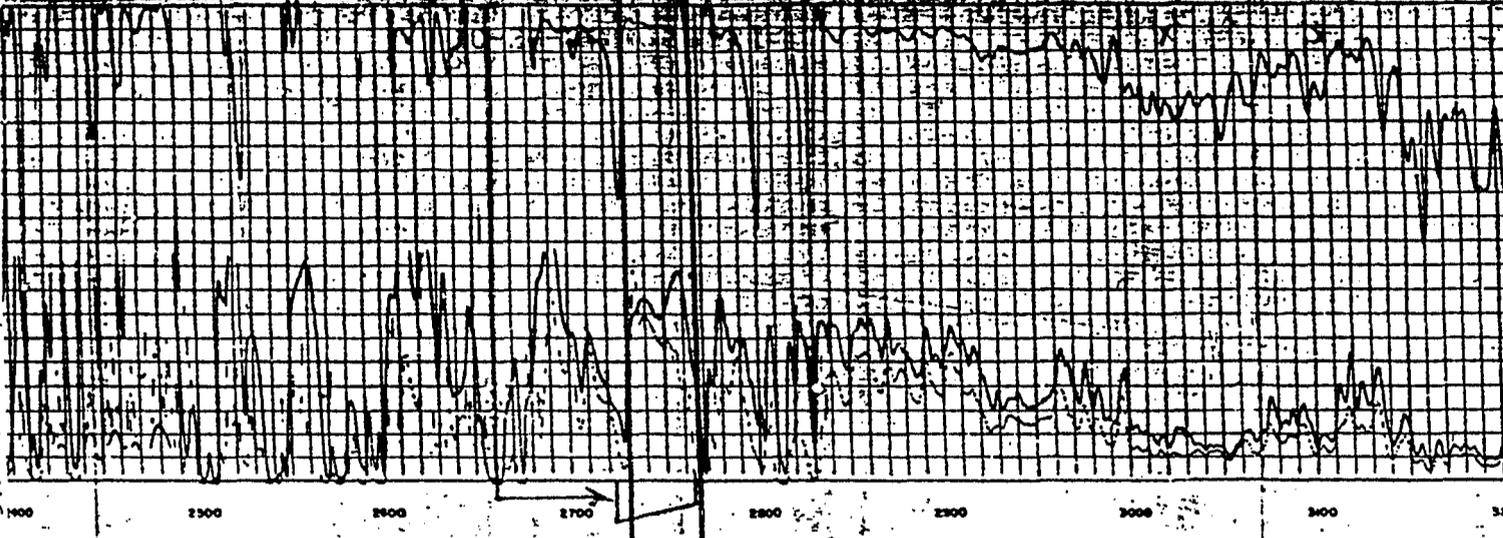
3154'

3200

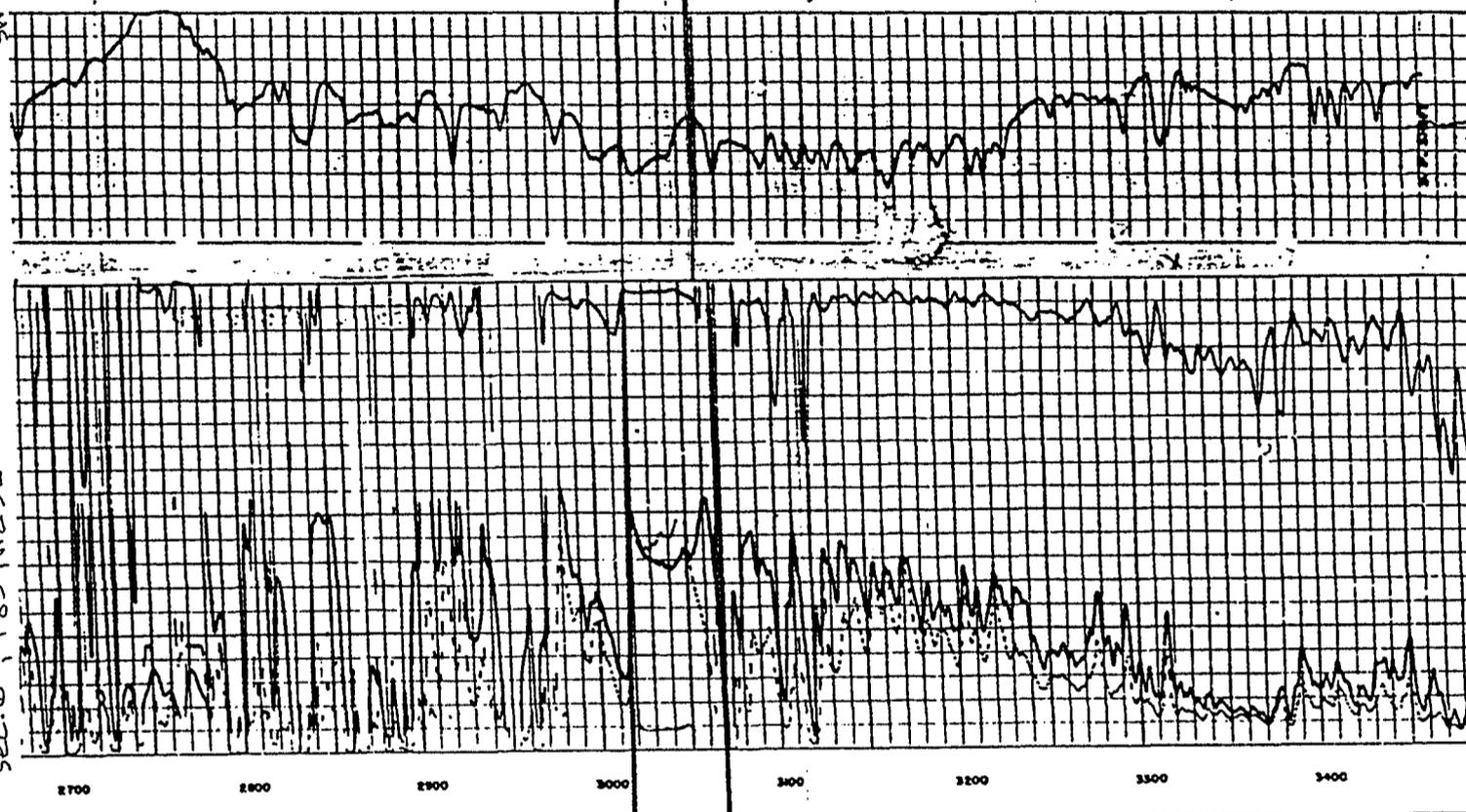


#5 2725-2765  
sl 30 op 45 sl 45 -IF op w/gd blo, decr sli @ end. Rec 180 ft muddy  
sulphur wtr 1755 ft sulphur wtr. HP 1431-1452 FP 272-883 SIP 1001-1002

E.R.W #1  
SW Sec. 4, T8S, R25E



E.R.W #1-6  
NE SE Sec. 6, T8S, R25E



Coyote Basin #32-6  
SW NE Sec. 6, T8S, R25E



State : Utah SL Merid 8S - 25E - 4 s/2 sw sw

County: UINTAH Oper: PAN AMERICAN PETR CORP

Field : WILDCAT Compl: 11/04/1964 W O OIL

Well: EAST RED WASH #1 Last Info: 04/26/1991

Stg: 510 fsl 660 fwl

Oper Address: PO Box 569, Powell WY 82435

Obj: Permit #: 09/18/1964 API: 43-047-1567800  
Elev: 5526RB

Spud: 10/03/1964

WD: 4754

Elev: 5526RB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)  
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

Formation	Depth	Elev	T/S	Formation	Depth	Elev	T/S
Green River	1605	3921	L T	Wasatch	4410	1116	L T

DDC : 30S Vernal (miles from the nearest city)

Notes : (Plugged & abandoned)

<< State Records >>

Casing: 10 3/4 @ 413 w/360

7 @ 4324 w/100

Zone : None

#1 3692- 3772

si op 120 si 60. Rec 10 ft DM. HP 1853-1863 FP 21-27 SIP 219-31

#2 4183- 4227

si 60 op 120 si 60. Rec 915 ft GC 120 ft GC & MCO. HP 2144-2148 FP

55-374 SIP 1378-1157

#3 4692- 4754

Misrun

#4 4692- 4754

si 30 op 45 si 45. IF op w/wk blo incr to fair blo. Rec 230 ft MW 264

ft fresh wtr. HP 2394-2394 FP 20-219 SIP 2009-1933

#5 2725- 2765

si 30 op 45 si 45. IF op w/gd blo, decr sli @ end. Rec 180 ft muddy

sulphur wtr 1755 ft sulphur wtr. HP 1431-1452 FP 272-883 SIP 1001-1002

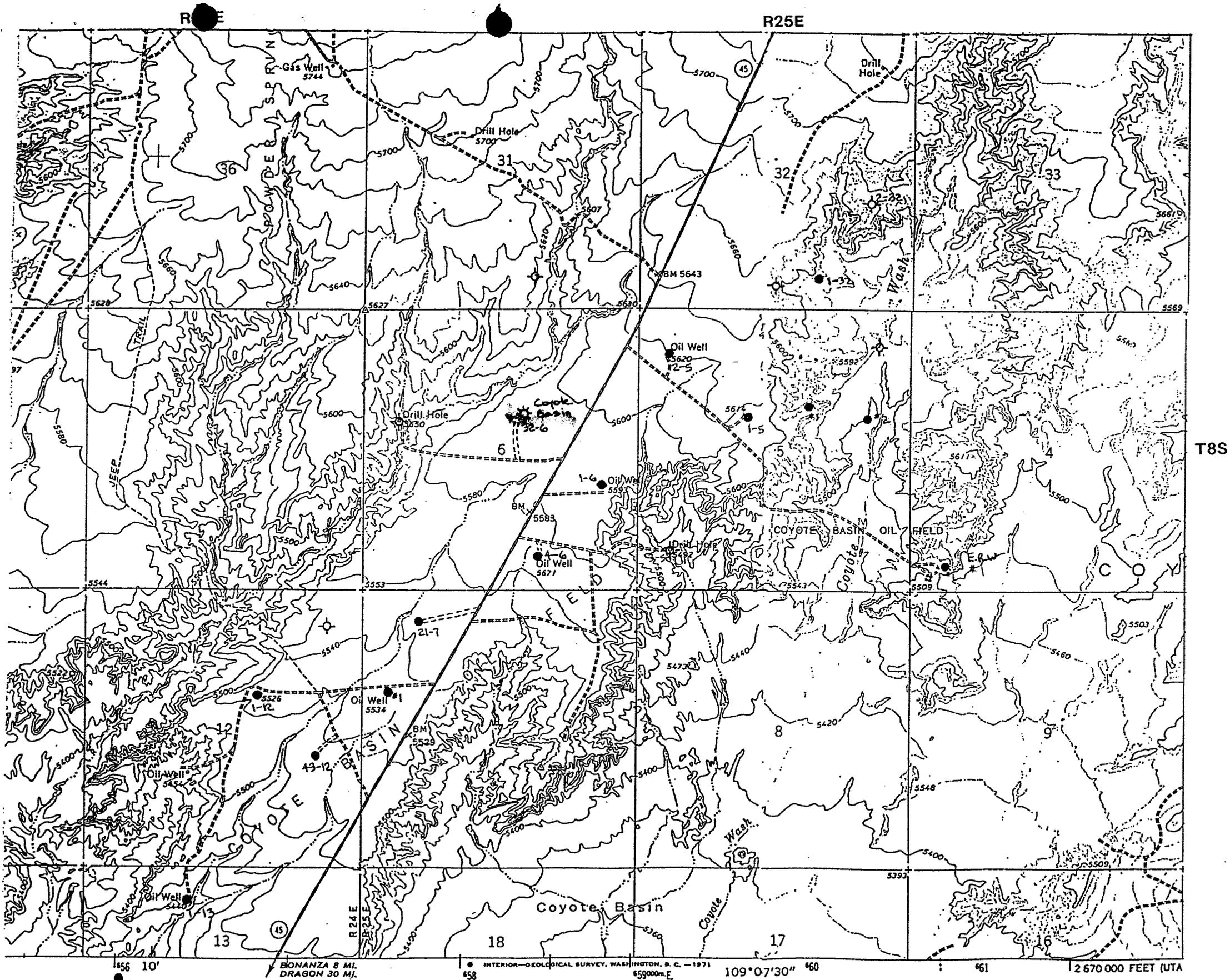
Logs : IES GR-Sonic MLL

Perfs : 4202-4211

w/5 SPF - frac w/500 gal mud 10,000# 20/40 sd 9,000# 10/20 sd

?Zone : 4202-4211

IP : 81 BOPD



**BALCRON OIL  
 COYOTE BASIN PROSPECT  
 UTAH COUNTY, UTAH  
 SCALE 1:24000**



# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

April 28, 1992

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Coyote Basin #32-6  
SW NE Section 6, T8S, R25E  
Uintah County, Utah

Enclosed is our Sundry Notice of Intent to recomplete the referenced well. Our intention is to do this work the week of May 4, 1992.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulator

/rs

Enclosure

OIL AND GAS	
✓	RJP
✓	FEN
	CLD
	CHD
	DTG
2	T45
3	MICROWELL ✓
4	FILE

30

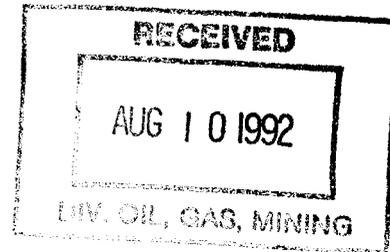
STANDARD OIL COMPANY



# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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



August 7, 1992

--- VIA FEDERAL EXPRESS ---

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

Gentlemen:

RE: Coyote Basin Federal #32-6  
SW NE Section 6, T8S, R25E  
Uintah County, Utah

43-047-31835

Enclosed is a sundry notice along with a copy of our Application to Appropriate Water (Water right #49-1531, Temporary Application #T66259) for appropriation of water from the referenced well. This water will be used in drilling oil wells in the Coyote Basin Field and for a pilot waterflood in the Green River formation in Coyote Basin Field.

We anticipate beginning this appropriation by August 13. As soon as we know on which drilling wells we will be using the water, a sundry notice will be submitted changing the source of water.

If there is anything else we need to do in order to get approval, I would appreciate it if you would give me a call.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosure



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF WATER RIGHTS

Norman H. Barjaeter  
Governor  
Doc C. Hansen  
Executive Director  
Robert L. Morgan  
State Engineer

1636 West North Temple, Suite 220  
Salt Lake City, Utah 84116-3166  
801-538-7240

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 3

To	Bobbie Schuman	From	Judy
Co.	BALCRON OIL	Co.	Water Rights
Dept.		Phone #	
Fax #	406-245-1361	Fax #	538-7315

August 6, 1992

BALCRON OIL  
P. O. Box 21017  
Billings, MT 59104

Dear Applicant:

RE: TEMPORARY APPLICATION  
NUMBER 49-1531 (T66259)

Enclosed is a copy of approved Temporary Application Number 49-1531 (T66259). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire August 6, 1993, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

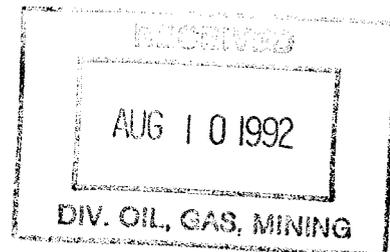
Your contact with this office, should you need it, is with the Regional Engineer, Robert Leake. The telephone number is (801)781-0770.

Sincerely,

*Robert L. Morgan*  
Robert L. Morgan, P.E.  
State Engineer

RLM:jb

Encl.: Copy of Approved Temporary Application



RECEIVED  
AUG 10 1992

RECEIVED  
JUL 23 1992

# FILING FOR WATER IN THE STATE OF UTAH

Rec. by \_\_\_\_\_  
Fee Rec: 73.00  
Receipt # 730921 ✓  
Microfilmed \_\_\_\_\_  
Roll # \_\_\_\_\_

## APPLICATION TO APPROPRIATE WATER

### TEMPORARY

DIVISION OF WATER RIGHTS  
VERNAL, UTAH

SALT LAKE

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

WATER RIGHT NUMBER: 49 - 1531

TEMPORARY APPLICATION NUMBER: T66259

1. OWNERSHIP INFORMATION:

LAND OWNED? No

A. NAME: BALCRON OIL  
ADDRESS: P. O. Box 21017, Billings, MT 59104

B. PRIORITY DATE: July 17, 1992 FILING DATE: July 17, 1992

2. SOURCE INFORMATION:

A. QUANTITY OF WATER: 20.0 acre-feet

B. DIRECT SOURCE: Existing underground water well COUNTY: Uintah

C. POINT OF DIVERSION -- UNDERGROUND:  
(1) S 1900 feet W 2200 feet from NE corner, Section 6, T 8S, R 25E, SLBM  
WELL DIAMETER: inches WELL DEPTH:

3. WATER USE INFORMATION:

OIL EXPLORATION: from Jul 25 to Jul 24. Drilling oil wells and waterflood project in Coyote Basin Field

4. PLACE OF USE: (which includes all or part of the following legal subdivisions:)

BASE TOWN	RANG	SEC	NORTH-EAST ¼				NORTH-WEST ¼				SOUTH-WEST ¼				SOUTH-EAST ¼										
			NE	NW	SW	SE																			
SL	8S	25E	5	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X
			6	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X
			7	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X	■	■	X	X	X	X

5. EXPLANATORY:

Water will be taken from an existing oil well site Coyote Basin Federal #32-6 which produces water. Water will be used in drilling oil wells in the Coyote Basin Field and for a pilot waterflood in the Green River formation also in Coyote Basin Field. Water is not potable. (See attached water analysis). This is BLM land under Federal Lease #U-20309-D.

STATE ENGINEER'S ENDORSEMENT

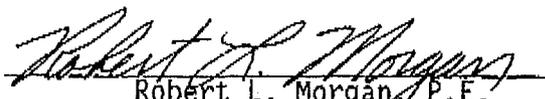
WATER RIGHT NUMBER: 49 - 1531

APPLICATION NO. T66259

1. July 17, 1992      Application received by BMW.
  2. July 23, 1992      Application designated for APPROVAL by RWL and KLJ.
  3. Comments:
- 
- 

## Conditions:

This application is hereby APPROVED, dated August 6, 1992, subject to prior rights and this application will expire on August 6, 1993.

  
Robert L. Morgan, P.E.  
State Engineer

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. U-20309-D
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. UNIT AGREEMENT NAME n/a	
2. NAME OF OPERATOR BALCRON OIL		8. FARM OR LEASE NAME Coyote Basin
3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104		9. WELL NO. #32-6
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1900' FNL, 2200' FEL At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT Coyote Basin/Green River
		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA SW NE Sec. 6, T8S, R25E
14. API NO. 47-047-31835	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,596' GL	12. COUNTY Uintah
		13. STATE Utah

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

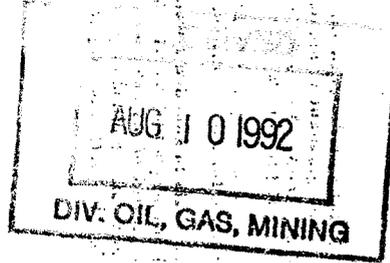
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/> use as water well <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <input type="checkbox"/> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START <u>8/13/92</u>	DATE OF COMPLETION _____

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

\* Must be accompanied by a cement verification report.

Operator plans to use this well as a water well for drilling wells in the Coyote Basin Field (initially) and then for a waterflood (enhanced recovery) project in the Coyote Basin Field.

Attached is a copy of Application for Appropriation #49-1531 (T66259).



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

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE August 7, 1992

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_



BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

RECEIVED

SEP 25 1992

DIVISION  
COAL & OIL

August 7, 1992

--- VIA FEDERAL EXPRESS ---

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

Gentlemen:

RE: Coyote Basin Federal #32-6  
SW NE Section 6, T8S, R25E  
Uintah County, Utah

Enclosed is a sundry notice along with a copy of our Application to Appropriate Water (Water right #49-1531, Temporary Application #T66259) for appropriation of water from the referenced well. This water will be used in drilling oil wells in the Coyote Basin Field and for a pilot waterflood in the Green River formation in Coyote Basin Field.

We anticipate beginning this appropriation by August 13. As soon as we know on which drilling wells we will be using the water, a sundry notice will be submitted changing the source of water.

If there is anything else we need to do in order to get approval, I would appreciate it if you would give me a call.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosure

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-20309-D
2. Name of Operator EQUITABLE RESOURCES ENERGY COMPANY	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) SW NE Section 6, T8S, R25E 1900' FNL, 2200' FEL	8. Well Name and No. Coyote Basin #32-6
	9. API Well No. 47-047-31835
	10. Field and Pool, or Exploratory Area Coyote Basin/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 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>use as water well</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.)\*

Operator plans to use this well as a water well for drilling wells in the Coyote Basin Field (initially) and then for a waterflood (enhanced recovery) project in the Coyote Basin Field.

Attached is a copy of approved Application for Appropriation #49-1531 (T66259).

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

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date August 7, 1992

(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.



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER  
BALCRON OIL  
PO BOX 21017  
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report

Well Name API Number    Entity    Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
COYOTE BASIN 21-7 4304731673 10056 08S 25E 7	WSTC				
PARIETTE BENCH FED #43-6 4304731616 10280 09S 19E 6	GRRV				
ALLEN FEDERAL #31-6 4301331195 10788 09S 17E 6	GRRV				
MAXUS FEDERAL #23-8 4301331196 10800 09S 17E 8	GRRV				
COYOTE BASIN 32-6 4304731835 10865 08S 25E 6	WSTC				
MONMNT BUTTE 1-13 01330702 11068 09S 16E 1	GRRV				
MONMNT BUTTE 1-14 4301330703 11069 09S 16E 1	GRRV				
MONMNT BUTTE 1-23 4301330646 11070 09S 16E 1	GRRV				
MONMNT BUTTE 1-33 4301330735 11071 09S 16E 1	GRRV				
MONMNT BUTTE 1-43 4301330734 11072 09S 16E 1	GRRV				
BALCRON COYOTE FEDERAL 12-5 4304732253 11383 08S 25E 5	GRRV				
BALCRON COYOTE FEDERAL 21-5 4304732260 11384 08S 25E 5	GRRV				
BALCRON COYOTE FEDERAL 31-7 4304732254 11396 08S 25E 7	GRRV				
TOTAL					

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete.    Date \_\_\_\_\_

Authorized signature \_\_\_\_\_    Telephone \_\_\_\_\_



EQUITABLE RESOURCES ENERGY COMPANY,  
BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860  
FAX: (406) 245-1364

March 4, 1993

State of Utah  
Uintah County  
152 East 100 North  
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF  
OIL GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-CLP
2-DPS	8-DEC
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address) <u>PO BOX 21017</u>
	<u>PO BOX 21017</u>	<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>	
	phone ( <u>406</u> ) <u>259-7860</u>	phone ( <u>406</u> ) <u>259-7860</u>
	account no. <u>N 9890</u>	account no. <u>N9890</u>

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

Name: <b>**ALL WELLS**</b>	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: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-93)
- See 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: 134640.
- \* 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- See 6. Cardex file has been updated for each well listed above. (3-19-93)
- See 7. Well file labels have been updated for each well listed above. (3-19-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only) \*930319 Re'd bond rider eff. 3-4-93.

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Balcon Oil, A Division of Equitable Resources Energy Company.
- 2. A copy of this form has been placed in the new and former operators' bond files. \*Upon completion of routing.
- 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

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILED

- 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.

REMARKS

930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Balcon Oil Division".



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

July 13, 1993

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

Dear Benna:

RE: Coyote Basin #32-6  
SW NE Section 6, T8S, R25E  
Uintah County, Utah

Enclosed is our subsequent report of conversion of the referenced well to a water supply well. I apologize for not sending this sooner.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

cc: Utah Division of Oil, Gas and Mining

**RECEIVED**

JUL 15 1993

DIVISION 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 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. <b>U-020309D</b>
2. Name of Operator <b>Equitable Resources Energy Company, Balcron Oil Division</b>	6. If Indian, Allottee or Tribe Name <b>n/a</b>
3. Address and Telephone No. <b>P.O. Box 21017; Billings, MT 59104   (406) 259-7860</b>	7. If Unit or CA, Agreement Designation <b>Coyote Basin</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SW NE Section 6, T8S, R25E 1900' FNL, 2200' FEL</b>	8. Well Name and No. <b>Coyote Basin #32-6</b>
	9. API Well No. <b>43-047-31835</b>
	10. Field and Pool, or Exploratory Area <b>Coyote Basin/Green River</b>
	11. County or Parish, State <b>Uintah County, UTAH</b>

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>conversion to water well</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.)\*

This well was converted to a water supply well in accordance with the attached procedure.

This well has been shut in waiting for the completion and initiation of the proposed Coyote Basin Unit waterflood. The well is circulated down the backside with corrosion and scale chemical once a month to prevent pump problems. See the attached well data sheet and wellbore diagram for further information.

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JUL 13 1993

DIVISION OF  
OIL GAS & MINING

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

Signed *Bobbie Schuman* Title Coordinator of Environmental and Regulatory Affairs Date *July 13, 1993*

(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.

\*See Instruction on Reverse Side

ATTACHMENT TO SUNDRY NOTICE

Coyote Basin Federal #32-6  
Federal Lease #U-020309D  
SW NE Section 6, T8S, R25E  
Coyote Basin Field  
Uintah County, Utah

Equitable Resources Energy Company's Balcron Oil Division recompleted this well on 5-4-92 as a water supply well for the proposed Coyote Basin Unit waterflood. The well was completed using the following procedure:

- 1) RIH w/ 5 1/2" casing scraper to 4398' KB; found no obstructions.
- 2) RIH w/ 5 1/2" CIBP & set @ 4350' KB; pressure test CIBP & casing to 1500 psig, held OK.
- 3) TOOH w/tubing & RU perforators; perforate well from 3108'-3154' KB w/2 spf.
- 4) RIH w/packer & tubing; set packer @ 3102' KB; swab well to clean up debris.
- 5) Acidize perms w/2000 gals 15% HCl acid & 150 ball sealers.
- 6) Swab well to recover acid load & test for water production.
- 7) TOOH w/tubing & packer; RIH w/2.25"x 25.7' tubing pump barrel & tubing.
- 8) RIH w/std. valve, tubing plunger, & rods; hang well on; pressure test pump.

JZ/rs  
7/12/93

**RECEIVED**

JUL 15 1993

DIVISION OF  
OIL GAS & MINING

**BALCRON OIL****WELL REPORT**

WELL NAME: Coyote Basin #32-6  
 FIELD: Coyote Basin  
 FEDERAL LEASE NO.: U-020309D  
 LOCATION: SW NE Sec.6, T8S, R25E  
 COUNTY/STATE: Uintah, Utah  
 WORKING INTEREST: 1.00  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 5-16-88  
 INITIAL PRODUCTION: Completed as a gas well.  
 OIL/GAS PURCHASER: NA  
 PRESENT PROD STATUS: Converted to WSW.  
 ELEVATIONS - GROUND: 5596'  
 TOTAL DEPTH: 4790'KB

DATE: 5-14-93  
 API NO.: 43-047-31835

NET REVENUE INT.: 0.845

SPUD DATE: 3-6-88  
 OIL GRAVITY: N/A  
 BHT: 99 Deg.F

KB: 5609.8'(13.8'KB)  
 PLUG BACK TD: 4750'KB

**SURFACE CASING**

STRING: 1  
 CSG SIZE: 8 5/8"  
 GRADE: K-55  
 WEIGHT: 24 lbs.  
 LENGTH: 276'  
 HOLE SIZE: 12 1/4"  
 DEPTH LANDED: 290'KB  
 CEMENT DATA: 180 sx, Class "G"  
 Cement to surface.

**PRODUCTION CASING**

STRING: 1  
 CSG SIZE: 5 1/2"  
 GRADE: K-55  
 WEIGHT: 15.5 lbs.  
 LENGTH: 4779'  
 HOLE SIZE: 7 7/8"  
 DEPTH LANDED: 4793'KB  
 CEMENT DATA: 210 sx Thicsonopic  
 100 sx Class "H"  
 CEMENT TOP AT: 1st stage @ 3900' from CBL  
 2nd stage @ 2040' from CBL

**TUBING RECORD**

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#  
 NO. OF JOINTS: 104 jts. LENGTH: 3179'  
 TUBING ANCHOR: None  
 Tubing Pump Barrel: 2 7/8" x 25.70'  
 SEATING NIPPLE: 1.10' landed @ 3220'KB  
 MUD ANCHOR: 2 7/8" x 24'  
 STRING LANDED AT: 3244'KB

**PERFORATION RECORD**

4604'- 4615'(11' @ 4 SPF)  
 4582'- 4588'(6' @ 4 SPF)  
 4434'- 4440'(6' @ 4 SPF)  
 PB w/CIBP set @ 4530'KB  
 PB w/CIBP set @ 4350'KB on 5-4-92.  
 3108'- 3154' (46' @ 4 SPF) Water Zone on 5-4-92.

**ACID JOB**

4582'- 4588', Smith Energy on 5-14-88. 200 gal  
 7.5% HCl, avg. 0.5 BPM @ 3009 psig, no fluid entry.  
 ISIP @ 1150 psig, 5 min @ 910 psig, 10 min @ 800  
 psig, 15 min 730 psig.  
 4434'- 4440', Smith Energy on 5-17-92. 2000 gal  
 15% HCl, avg. 8 BPM @ 4000 psig, ISIP @ 1900 psig,  
 15 min @ 1070 psi.  
 3108'- 3154', Acidize w/Western on 5-5-92. 2000  
 gals 15% HCl acid, drop 150 ball sealers, avg.  
 3 BPM @ 1200 psig, max. 4.5 BPM @ 1500 psig, good  
 breakback when balls hit perms, displace w/  
 18 STBW, ISIP @ 500 psig, 5 min @ 300 psig, 10 min  
 @ 200 psig, 15 min @ 200 psig.

**SUCKER ROD RECORD**

1 - 1 1/4" x 22' Polish Rod  
 119 - 7/8" x 25' Rods w/ 2.5" guides  
 6 - 1" x 25' Rods w/ 2.5" guides  
 1 - 3/4" x 2' Pony  
 1 - 2 1/4" x 4' Martin Ring Plunger  
 1 - Standing Valve

PUMP SIZE: 2 1/4" x 25.7' Tubing pump  
 STROKE LENGTH: 120"  
 PUMP SPEED, SPM: 8  
 PUMPING UNIT SIZE: Lufkin C320D-256-120

LOGS: Dual Induction Focused Log Gamma Ray, Cement Bond Log/VDL  
 Frachite Digital Sonic, Computed 4-ARM Diplog, Diplog,  
 Digital sonic-Long Linear Array, Compensated Z-Densilog  
 Compensated Neutron Gamma Ray

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JUL 11 1993

DIVISION OF  
OIL GAS & MINING

COYOTE BASIN #32-6  
SW NE Sec.6,T8S,R25E  
Lease No. U-020309D  
Coyote Basin Field  
Uintah County,Utah

BALCRON OIL  
5-14-93

Wellbore Diagram

SURFACE CASING

8 5/8",K-55,24#  
Length - 276'  
Landed @ 290'KB  
Cemented w/180 sx,Class-G  
Cemented to surface  
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2",K-55,15.5#  
Length - 4779'  
Landed @ 4793'KB  
Hole Size @ 7 7/8"  
Cemented w/210 sx Thicsomopic &  
100 sx Class "H"  
Cement top: 1st Stage-3900' from CBL  
2nd Stage-2040' from CBL

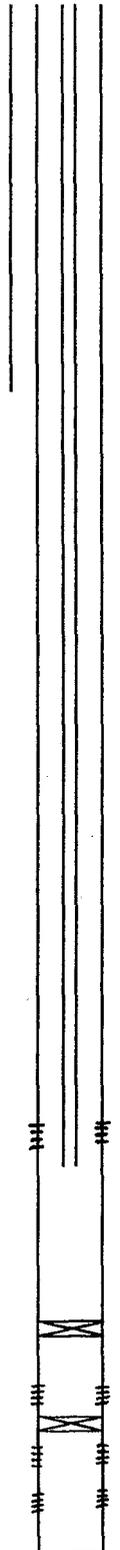
TUBING

2 7/8",J-55,6.5#  
104 jts @ 3179'  
Tog Pump Barrel - 2 7/8"x 25.70'  
S.N. - 1.1' landed @ 3220'KB  
Mud Anchor - 2 7/8"x24'  
String landed @ 3244'KB

SUCKER ROD RECORD

1 - 1 1/4"x 22' Polish Rod  
119 - 7/8"x 25' Rods w/2.5" guides  
6 - 1"x 25' Rods w/2.5" guides  
1 - 3/4"x 2' Pony  
1 - 2 1/4"x 4' Martin Ring Plunger  
1 - Standing Valve

PUMP SIZE: 2 1/4"x 25.7' Tubing pump  
STROKE LENGTH: 120"  
PUMP SPEED, SPM: 8  
PUMPING UNIT SIZE: Lufkin C320D-256-120



ACID JOB

4582'- 4588',Smith Energy on 5-14-88.200 gal  
7.5% HCl,avg,0.5 BPM @ 3009 psig,no fluid entry.  
ISIP @ 1150 psig,5 min @ 910 psig,10 min @ 800  
psig,15 min 730 psig.  
4434'- 4440',Smith Energy on 5-17-92.2000 gal  
15% HCl,avg. 8 BPM @ 4000 psig,ISIP @ 1900 psig,  
15 min @ 1070psi.  
3108'- 3154',Acidize w/Western on 5-5-92,2000  
gals 15% HCl acid,drop 150 ball sealers,avg.  
3 BPM @ 1200 psig,max. 4.5 BPM @ 1500 psig,good  
breakback when balls hit perms,displace w/  
18 STBW,ISIP @ 500 psig,5 min @ 300 psig,10 min  
@ 200 psig,15 min @ 200 psig.

PERFORATION RECORD

4604'- 4615'(11' @ 4 SPF)  
4582'- 4588'(6' @ 4 SPF)  
4434'- 4440'(6' @ 4 SPF)  
PB w/CIBP set @ 4530'KB  
PB w/CIBP set @ 4350'KB on 5-4-92  
3108'- 3154' (46' @ 4 SPF) Water Zone  
Perforated above zone on 5-4-92.

PBTD: 4750'KB  
TD: 4790'KB

RECEIVED

JUL 15 1993

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Balcon Oil  
ADDRESS P.O. Box 21017  
Billings MT 59104

OPERATOR ACCT. NO. H 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
D	11383	11500	4304732253	Coyote Basin 12-5	SWNW	5	85	25E	Unitah		7/1/93
WELL 1 COMMENTS: Coyote Basin Unit											
D	10865	11500	4304731835	Coyote <sup>Basin</sup> 32-6		6	85	25E	Unitah		7/1/93
WELL 2 COMMENTS:											
D	01265	11500	4304731266	Coyote <sup>Basin</sup> 12-13	SWNW	13	85	24E	Unitah		7/1/93
WELL 3 COMMENTS:											
D	11384	11500	4304732260	Coyote <sup>Basin</sup> 21-5	NE NW	5	85	25E	Unitah		
WELL 4 COMMENTS:											
D	10056	11500	4304731673	Coyote <sup>Basin</sup> 21-7	NE NW	7	85	25E	Unitah		
WELL 5 COMMENTS:											

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

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

(3/89)

**RECEIVED**

SEP 20 1993

DIVISION OF  
OIL, GAS & MINING

Dawn Schindler

Signature

Prod. Acct

Title

9-15-93

Date

Phone No. (406) 259-7860

Sep 15, 93 9:30 No. UUS F. UZ

TEL: 801-359-3940

IV OIL GAS & MINING

October 13, 1993

TO: Equitable Resources Energy Well file.

FROM: Jim Thompson, Inspection Staff Supervisor 

RE: Water permit for the Coyote Basin 32-6 well, Section 6,  
T. 8S, R. 25E API 43-047-31835, Uintah County, Utah.

I spoke with the Water Rights office in Vernal regarding the above mentioned well. A water permit No. 49-1538 (T-67068) was issued to Balcron Oil Division in July of this year. Status of this well should be changed to a water supply well.

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 water source well

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)  
 SW-NE Section 6, T8S, R25E  
 1900' FNL, 2200' FEL

5. Lease Designation and Serial No.  
 U-20309-D

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

7. If Unit or CA, Agreement Designation  
 Coyote Basin Unit

8. Well Name and No.  
 Coyote Basin #32-6

9. API Well No.  
 43-047-31835

10. Field and Pool, or Exploratory Area  
 Coyote Basin/Green River

11. County or Parish, State  
 Uintah County, UTAH

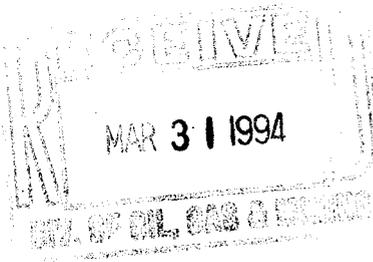
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>1st 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.)\*

The first production of water from this water source well was March 21, 1994.



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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date March 29, 1994

(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.

\*See Instruction on Reverse Side

# UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

Operator: Equitable Lease: State: \_\_\_ Federal:  Indian: \_\_\_ Fee: \_\_\_

Well Name: Coyote Basin 32-6 API Number: 43-041 31835

Section: 6 Township: 8S Range: 25E County: Uintah Field: Coyote Basin

Well Status: \_\_\_\_\_ 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
_____	Oil Storage Tank(s)	_____ BBLs
_____	Water Tank(s)	_____ BBLs
_____	Power Water Tank	_____ BBLs
_____	Condensate Tank(s)	_____ BBLs
<input checked="" type="checkbox"/>	Propane Tank	

REMARKS: Dehydrator and heated separator not hooked up.  
Not in use. Emulsion line goes to well 426X

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

Inspector: David W. Herd Date: 6/3/94

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

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SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other water

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

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

SW NE Section 6, T8S, R25E. 1900' FNL, 2200' FEL

5. Lease Designation and Serial No.

U-20309-D

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Coyote Basin Unit

8. Well Name and No.

Coyote Basin #32-6

9. API Well No.

43-047-31835

10. Field and Pool, or Exploratory Area

Coyote Basin/Green River

11. County or Parish, State

Uintah County, UT

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 diagram</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 is the revised site security diagram for this well.

ORIGINAL: Bureau of Land Management (Vernal, UT)

X COPY: Utah Division of Oil, Gas and Mining

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date August 22, 1995

(This space for Federal or State office use)

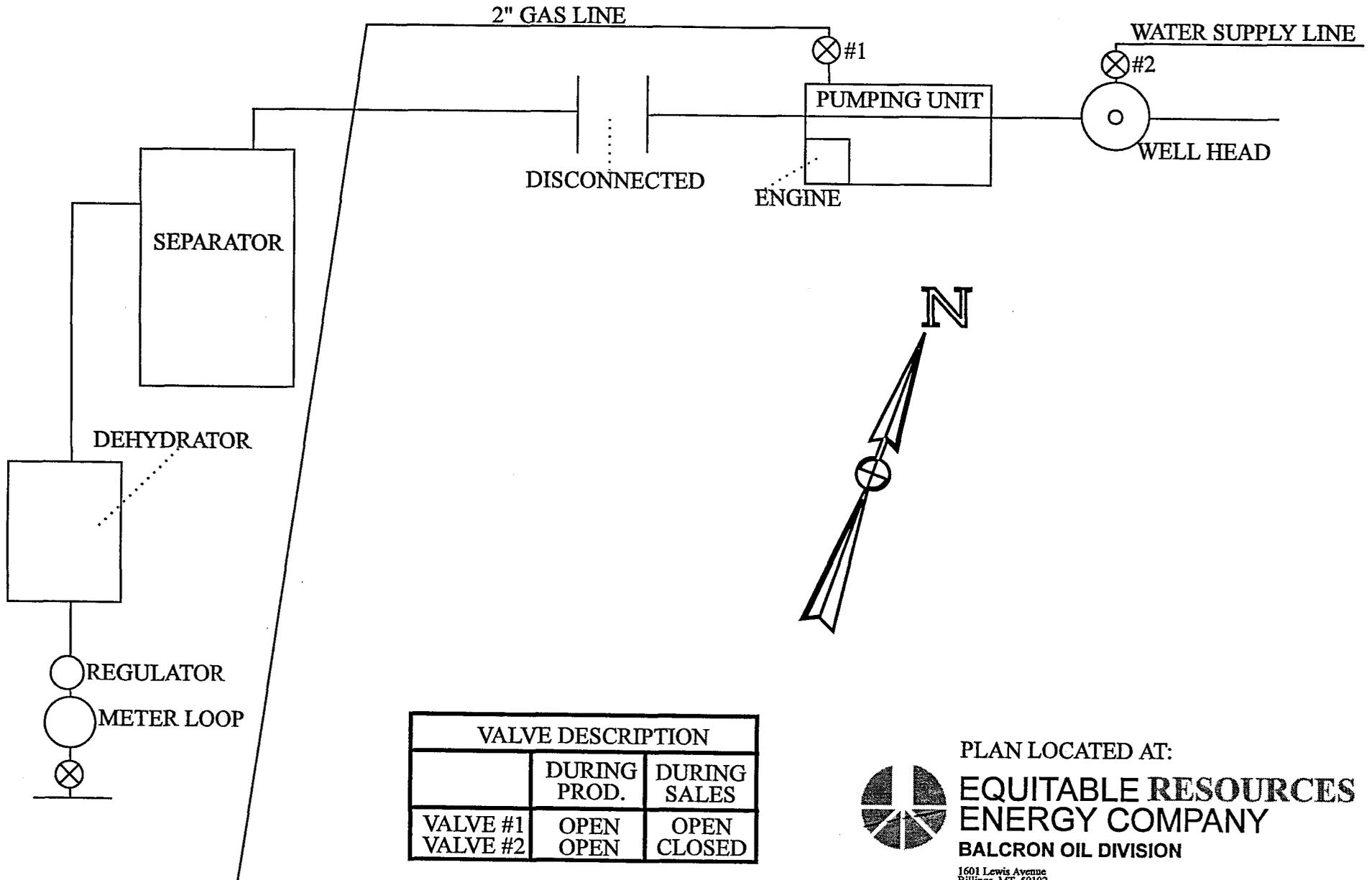
Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

EQUITABLE RESOURCES ENERGY COMPANY  
 COYOTE BASIN 32-6  
 WATER SUPPLY WELL  
 PRODUCTION FACILITY DIAGRAM

COYOTE BASIN 32-6  
 WATER SUPPLY WELL  
 SW NE SEC. 6, T8S, R25E  
 UTAH COUNTY, UTAH  
 FEDERAL LEASE #U-020309 D



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	OPEN
VALVE #2	OPEN	CLOSED

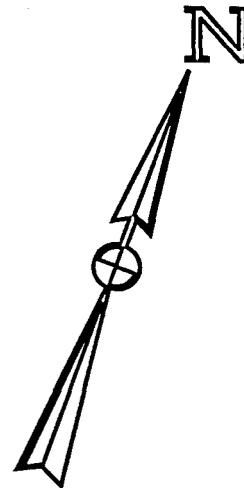


DIAGRAM NOT TO SCALE



PLAN LOCATED AT:

**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 BALCRON OIL DIVISION

1601 Lewis Avenue  
 Billings, MT 59102  
 (406) 259-7860

AUGUST 2, 1995



**EQUITABLE RESOURCES**  
ENERGY COMPANY

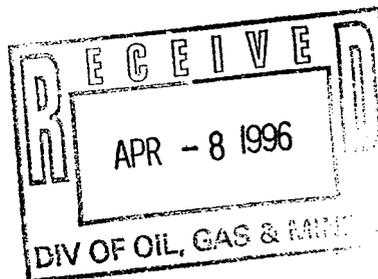
**BALCRON OIL DIVISION**

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

County: See attached list

State: UTAH

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

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

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

Abandon  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Recomplete

Convert to Injection  Reperforate

Fracture Treat or Acidize  Vent or Flare

Multiple Completion  Water Shut-Off

Other \_\_\_\_\_

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

Abandon \*  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Reperforate

Convert to Injection  Vent or Flare

Fracture Treat or Acidize  Water Shut-Off

Other Operator name change

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

(This space for State use only)

UTAH

Boll Weevil Federal #26-13	Undesignated	NW SW	26	8S	16E	Duchesne	UT	OTA	Green River	U-34346	43-013-30770	1980' FSL, 660' FWL	Vernal	
C&O Gov't #1	Monument Butte	NW SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15111	1905' FSL, 660' FWL	Vernal	Jonah
C&O Gov't #2	Monument Butte	NW SE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-15112	1980' FSL, 2080' FEL	Vernal	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Vernal	Jonah
Castle Peak Federal #22-15	Monument Butte	SE NW	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30634	2125' FNL, 2006' FWL	Vernal	Jonah
Castle Peak Federal #24-10A	Monument Butte	SE SW	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30555	660' FSL, 1980' FWL	Vernal	
Castle Peak Federal #24-15	Monument Butte	SE SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30631	720' FSL, 2050' FWL	Vernal	Jonah
Castle Peak Federal #31-15	Monument Butte	NW NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30613	548' FNL, 2062' FEL	Vernal	Jonah
Castle Peak Federal #33-15	Monument Butte	NW SE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30632	2341' FSL, 1790' FEL	Vernal	Jonah
Castle Peak Federal #42-15	Monument Butte	SE NE	15	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30633	1820' FNL, 820' FEL	Vernal	Jonah
Castle Peak Federal #44-10	Monument Butte	SE SE	10	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30630	557' FSL, 667' FEL	Vernal	Jonah
Castle Peak State #43-16	Monument Butte	NE SE	16	9S	16E	Duchesne	UT	Oil	Green River	U-017985	43-013-30594	1820' FSL, 820' FEL	Vernal	Castle Peak
Chorney Federal #1-9	Pariette Bench	SE SW	9	9S	19E	Uintah	UT	OSI	Green River	U-5843	43-047-30070	660' FSL, 1980' FWL	Vernal	
Cobra Federal #42-35	Wildcat	SE NE	35	15S	19W	Millard	UT	PND	Paleozoic	UTU-66504		1600' FNL, 660' FEL	Fillmore	
Coyote Basin #1-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-58226	43-047-20221	1830' FSL, 1980' FWL	Vernal	Coyote Basin
Coyote Basin #32-6	Coyote Basin	SW NE	6	8S	25E	Uintah	UT	WTR	Green River	U-20309-D	43-047-31835	1900' FNL, 2200' FEL	Vernal	Coyote Basin
Coyote Basin Federal #12-13	Coyote Basin	SW NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-31266	2098' FNL, 689' FWL	Vernal	Coyote Basin
Coyote Basin Federal #21-7	Coyote Basin	NE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-31673	591' FNL, 1858' FWL	Vernal	Coyote Basin
Coyote Basin Federal #43-12	Coyote Basin	NE SE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-30943	2140' FSL, 820' FEL	Vernal	Coyote Basin
D. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 865' FWL		Beluga
DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (SI)	Green River	U-44430	43-013-30689		Vernal	Beluga
East Red Wash Federal #1-12	Coyote Basin	SW NE	12	8S	24E	Uintah	UT	Oil	Green River	U-038797	43-047-20207	1980' FNL, 1980' FEL	Vernal	Coyote Basin
East Red Wash Federal #1-13	Coyote Basin	NE NW	13	8S	24E	Uintah	UT	Oil	Green River	U-018073	43-047-20222	660' FNL, 1980' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-5	Coyote Basin	SE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-20174	1989' FNL, 2105' FWL	Vernal	Coyote Basin
East Red Wash Federal #1-6	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	Oil	Green River	U-017439-B	43-047-20208	1980' FSL, 660' FEL	Vernal	Coyote Basin
East Red Wash Federal #2-5	Coyote Basin	NW NW	5	8S	25E	Uintah	UT	OTA	Green River	U-063597-A	43-047-20252	800' FNL, 525' FWL	Vernal	Coyote Basin
East Red Wash Federal #4-6	Coyote Basin	SW SE	6	8S	25E	Uintah	UT	WIW	Green River	U-20309-D	43-047-20261	660' FSL, 1980' FEL	Vernal	Coyote Basin
Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
Federal #1-26	Monument Butte	NE NW	26	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-31953	461' FNL, 1880' FWL	Vernal	
Federal #13-13	Coyote Basin	NW SW	13	8S	24E	Uintah	UT	Oil	Green River	U-67208	43-047-32196	1976' FSL, 598' FWL	Vernal	Coyote Basin
Federal #14-4	Coyote Basin	SW SW	4	8S	25E	Uintah	UT	Oil	Green River	UTU-41376	43-047-15678	510' FSL, 660' FWL	Vernal	Coyote Basin
Federal #2-1	Monument Butte	NE NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-30603	784' FNL, 812' FEL	Vernal	Jonah
Federal #22-25	Monument Butte	SE NW	25	8S	17E	Uintah	UT	Oil	Green River	UTU-67845	43-047-32008	1667' FNL, 1773' FWL	Vernal	
Getty #12-1	Monument Butte	NW NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426	43-013-30889	501' FNL, 2012' FEL	Vernal	Jonah
Getty #7-A	Monument Butte	NE NE	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-30926	761' FNL, 664' FEL	Vernal	Jonah

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEB 7-SJ
2	DES 58-FILE
3	VLG (GILYEA)
4	RJE
5	IFC
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>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	<u>phone (406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	<u>account no. N9890</u>	<u>phone (406) 259-7860</u>
		<u>account no. N9890</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>047-31835</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

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

**ENTITY REVIEW**

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

**BOND VERIFICATION (Fee wells only)**

# 5578314 (\$80,000) Schwab Ins. Co. (Bond Rider In Progress)

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

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

sent to Ed Bouncer - Trust Lands

**FILMING**

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

**FILING**

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

**COMMENTS**

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

RECEIVED  
OCT 10 1997



October 7, 1997

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



RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

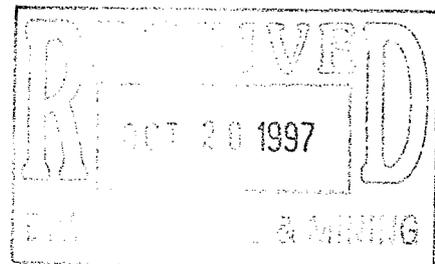
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allocated 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

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

County:

State:

RECEIVED

OCT 13 1997

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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.

Approximate date work will start \_\_\_\_\_

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 16 1997

13.

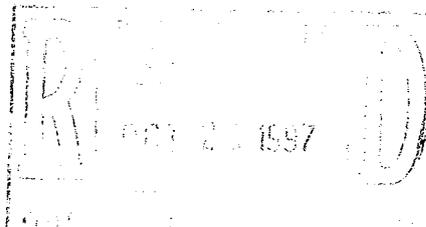
Name & Signature:

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
AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #1-12	NESE 128S 24E	UINTAH	UT	COYOTE BASIN	43-047-20221-00	UTU58226	UTU72085A
✓ COYOTE BASIN #32-6	6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-31835-00	UTU020309D	UTU72085A
COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ COYOTE BASIN FED. #13-7	NWSW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32255-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #12-13	SWNW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-31266-00		UTU72085A
✓ COYOTE BASIN FEDERAL #13-5	NWSW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32261-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #13-13	NWSW 138S 24E	UINTAH	UT	COYOTE BASIN	43-047-32196-00	UTU67208	UTU72085A
✓ COYOTE BASIN FEDERAL #21-7	NENW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31673-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #22-7	SENE 7 9S 25E	UINTAH	UT	COYOTE BASIN	43-047-32256-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #33-5	NWSE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32257-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #43-12	NESE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-30943-00	UTU038797	UTU72085A
✓ COYOTE FEDERAL #12-5	SWNW 5 8S 25E	UNITAH	UT	COYOTE BASIN	43-047-32253-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #21-5	NENW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32260-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #31-7	NWNE 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32254-00	UTU020309D	UTU72085A
EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ EAST RED WASH FED. #1-12	SWNE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-20207-00	UTU038797	UTU72085A
EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH FEDERA #1-13	NENW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-20222-00	UTU018073	UTU72085A
✓ EAST RED WASH FEDERA #1-5	SENE 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20174-00	UTU063597A	UTU72085A
✓ EAST RED WASH FEDERA #1-6	NESE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20208-00	UTU017439B	UTU72085A
✓ FEDERAL #14-4	SWSW 4 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-15678-00	UTU41376	UTU72085A
✓ TXO FEDERAL #2	SENE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31567-00	UTU41376	UTU72085A
✓ TXO FEDERAL #1	SWNE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31406-00	UTU41376	UTU72085A
✓ BALCRON FEDERAL #12-20Y	SWNW 209S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32617-00	UTU64917	
✓ BALCRON FEDERAL #31-19Y	NWNE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32614-00	UTU65635	
✓ BALCRON FEDERAL #32-19Y	SW NE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32615-00	UTU65635	
✓ BALCRON FEDERAL #42-19Y	SENE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32616-00	UTU65635	
✓ BALCRON FEDERAL #31-5Y	NWNE 5 9S 18E	UINTAH	UT	EIGHT MILE FLAT (U)	43-047-32503-00	UTU65970	
✓ BALCRON FEDERAL #11-22Y	NW NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31539-00	UTU66191	
✓ BALCRON FEDERAL #12-22Y	SWNW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31476-00	UTU66191	
✓ BALCRON FEDERAL #22-22Y	SE NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31538-00	UTU76240	
✓ FEDERAL #1-26	NENW 268S 17E	UINTAH	UT	MONUMENT BUTTE (22)	43-047-31953-00	UTU76240	
✓ MONUMENT FEDERAL #13-22Y	NW SW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31583-00	UTU76240	
✓ MONUMENT FEDERAL #23-22-8-17	NESW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31702-00	UTU76240	
✓ MONUMENT FEDERAL ##31-22	NW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31587-00	UTU76240	
✓ MONUMENT FEDERAL #32-22-8-17	SW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31586-00	UTU76240	
✓ MONUMENT FEDERAL #33-22-8-17	NWSE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31588-00	UTU76240	
✓ BALCRON FEDERAL #11-20Y	NW NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32712-00	UTU64917	



**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.*

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 2 / 98

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE BASIN 21-7-8-25 4304731673	11500	08S 25E 7	WSTC			441377	Coyote Basin (CR) Unit	
FEDERAL 13-13 4304732196	11500	08S 24E 13	GRRV			467208	"	
COYOTE FEDERAL 12-5 4304732253	11500	08S 25E 5	GRRV			4063597A	"	
COYOTE FEDERAL 31-7 4304732254	11500	08S 25E 7	GRRV			4020309D	"	
COYOTE FEDERAL 13-7 4304732255	11500	08S 25E 7	GRRV			441377	"	
COYOTE FEDERAL 22-7 4304732256	11500	08S 25E 7	GRRV			441377	"	
COYOTE FEDERAL 33-5 4304732257	11500	08S 25E 5	GRRV			4063597A	"	
COYOTE FEDERAL 21-5 4304732260	11500	08S 25E 5	GRRV			4063597A	"	
COYOTE FEDERAL 13-5 4304732261	11500	08S 25E 5	GRRV			4063597A	"	
MONUMENT FEDERAL 43-10-9-16 4301331723	12065	09S 16E 10	GRRV					
MONUMENT FEDERAL 34-31-8-16 4301331715	12067	08S 16E 31	GRRV					
MONUMENT FEDERAL 33-10-9-16 4301331722	12087	09S 16E 10	GRRV					
Coyote Basin 32-6-8-25 4304731835	11500	8S 25E 6	DBCRK	WSW		4020309D	"	
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



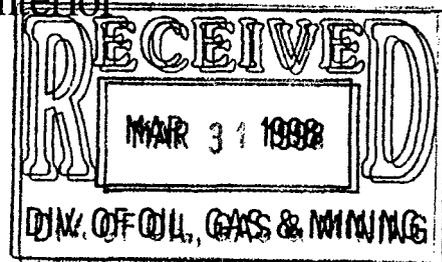
# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155



March 30, 1998

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

Re: Coyote Basin (Green River) Unit  
Uintah County, Utah

Gentlemen:

On March 20, 1998, we received an indenture dated December 10, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Coyote Basin (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 30, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Coyote Basin (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Coyote Basin (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Coyote Basin (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron/Fluid Chron  
U-931:TAThompson:tt:3/30/98

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU72085A								
UTU41376	4304731406	1 COYOTE BASIN FED	SWNE	5	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU41376	4304715678	1 EAST RED WASH	SWSW	4	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU063597A	4304720174	1 EAST RED WASH	SENE	5	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU016271V	4304720245	1 USA-GUINAND	SWNW	7	T 8S	R25E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU58226	4304720221	1-12 COYOTE BASIN	NESW	12	T 8S	R24E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU038797	4304720207	1-12 EAST RED WASH	SWNE	12	T 8S	R24E	POW	EQUITABLE RESOURCES ENERGY CO
UTU018073	4304720222	1-13 E RED WASH FED	NENW	13	T 8S	R24E	POW	EQUITABLE RESOURCES ENERGY CO
UTU017439B	4304720208	1-6 EAST RED WASH	NESE	6	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU018073	4304731266	12-13 FEDERAL	SWNW	13	T 8S	R24E	POW	EQUITABLE RESOURCES ENERGY CO
UTU063597A	4304732253	12-5 BALCRON COYOTE	SWNW	5	T 8S	R25E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU67208	4304732196	13-13	NWSW	13	T 8S	R24E	POW	EQUITABLE RESOURCES ENERGY CO
UTU063597A	4304732261	13-5 BALCRON COYOTE	NWSW	5	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU41377	4304732255	13-7	NWSW	7	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU41376	4304731567	2 COYOTE BASIN FED	SENE	5	T 8S	R25E	TA	EQUITABLE RESOURCES ENERGY CO
UTU063597A	4304720252	2-5 EAST RED WASH	NWNW	5	T 8S	R25E	WIWSI	EQUITABLE RESOURCES ENERGY CO
UTU065397A	4304732260	21-5 BALCRON COYOTE	NENW	5	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU41377	4304731673	21-7 COYOTE BASIN	NENW	7	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU41377	4304732256	22-7	SENE	7	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU020309D	4304732254	31-7 BALCRON COYOTE	NWNE	7	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU020309D	4304731835	32-6 COYOTE BASIN	SWNE	6	T 8S	R25E	WSW	EQUITABLE RESOURCES ENERGY CO
UTU063597A	4304732257	33-5 BALCRON COYOTE	NWSE	5	T 8S	R25E	POW	EQUITABLE RESOURCES ENERGY CO
UTU020309D	4304720261	4-6 EAST RED WASH	SWSE	6	T 8S	R25E	WIW	EQUITABLE RESOURCES ENERGY CO
<del>UTU017439B</del>	<del>4304732258</del>	<del>42-6</del>	<del>SENE</del>	<del>6</del>	<del>T 8S</del>	<del>R25E</del>	<del>ABD</del>	<del>EQUITABLE RESOURCES ENERGY CO</del>
UTU017439B	4304732346	42-6X	SENE	6	T 8S	R25E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU038797	4304730943	43-12 COYOTE BASIN	NESE	12	T 8S	R24E	POW	EQUITABLE RESOURCES ENERGY CO



# OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-GLM ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

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

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&amp;G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(435)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:

**\*COYOTE BASIN (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-047-31835</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

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)*
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)*
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: \_\_\_\_\_
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.
5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(4-3-98) \* UIC Qua Hro Pro & DBase 4-3-98.*
6. **Cardex** file has been updated for each well listed above. *4-9-98*
7. Well **file labels** have been updated for each well listed above. *4-9-98*
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. *(4-3-98)*
9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A Jcc 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 Jcc 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 Jcc 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**

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 4.27.98.

**FILING**

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

**COMMENTS**

980403 BLM/54 Apr. 3-30-98.

Farm 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0114  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

3. Lease Designation and Serial No.

U-020309D

6. If Indian, Allotment or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or C.A. Agreement Designation

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Inland Production Company (303) 292-0900

3. Address and Telephone No.

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

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

SW/NE Section 6-T8S-R25E

1900' FNL and 2200' FEL

8. Well Name and No.

Coyote Basin #32-6-8-2

9. API Well No.

43-047-31835

10. Field and Pool, or Reservoir Area

Monument Butte

11. County or Parish, State

Uintah, Utah

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment  
 Resumption  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other Well Name Change  
 Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

(Note: Report results of multiple completion on Completion or Resumption Report and Log)

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.)

Inland Production Company requests approval to change the well name from Coyote Basin #32-6 to Coyote Basin #32-6-8-25.

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

Signed Debbie Knight

Title Permitting Specialist

Date 3-25-98

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

\*See instruction on Reverse Side

Received Time Mar 4, 10:28AM

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
P&M PETROLEUM MANAGEMENT, LLC *N1570*

3. ADDRESS OF OPERATOR: 518 17TH ST, SUITE 230 DENVER CO ZIP 80202 PHONE NUMBER: 303 260-7129

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/5/2004</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective August 5, 2004, P&M Petroleum Management, LLC will take over operations of the above referenced unit. The previous owner was:

Inland Production Company *N5160*  
1401 17th Street Suite 1000  
Denver, Colorado 80202

Effective August 5, 2004, P&M Petroleum Management, LLC is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT-1005 issued by RLI Insurance Company.

Attached is a list of wells included in the unit.

Seller Name: Gary Alsopbrook

Seller Signature: *Gary Alsopbrook* Title: *Lead Manager*

NAME (PLEASE PRINT) Edward Neibauer TITLE Managing Member

SIGNATURE *[Signature]* DATE *8/5/04*

(This space for State use only)

APPROVED *9/30/04*

RECEIVED

*Earlene Russell*

SEP 20 2004

Division of Oil, Gas and Mining (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

DIV. OF OIL, GAS & MINING

**COYOTE BASIN UNIT**  
**Uintah County, Utah**

**List of Wells**  
**Sorted by API #**

	WELL NAME	API NUMBER	WELL STATUS	TOWNSHIP /RANGE	SECTION	WELL SPOT
1	Federal 14-4	4304715678	PR	8S-25E	4	SWSW
2	East Red Wash 1-5	4304720174	PR	8S-25E	5	SENW
3	East Red Wash Federal 1-12	4304720207	SI	8S-24E	12	SWNE
4	East Red Wash 1-6	4304720208	SI	8S-25E	6	NESE
5	Coyote Basin 1-12	4304720221	SI	8S-24E	12	NESW
6	East Red Wash 1-13	4304720222	SI	8S-24E	13	NENW
7	Amerada Guinand 1	4304720245	INJ/SI	8S-25E	7	SWNW
8	East Red Wash 4-6	4304720261	INJ/SI	8S-25E	6	SWSE
9	Coyote Basin 43-12	4304730943	PR	8S-24E	12	NESE
10	Coyote Basin Federal 12-13	4304731266	PR	8S-24E	13	SWNW
11	TXO Federal 1	4304731406	PR	8S-25E	5	SWNE
12	TXO Federal 2	4304731567	SI	8S-25E	5	SENE
13	Coyote Basin Federal 21-7	4304731673	PR	8S-25E	7	NENW
14	Coyote Basin 32-6	4304731835	SI	8S-25E	6	SWNE
15	Coyote Basin Federal 13-13	4304732196	PR	8S-24E	13	NWSW
16	Coyote Federal 12-5	4304732253	SI	8S-25E	5	SWNW
17	Coyote Basin Federal 31-7	4304732254	PR	8S-25E	7	NWNE
18	Coyote Basin Federal 13-7	4304732255	PR	8S-25E	7	NWSW
19	Coyote Basin Federal 22-7	4304732256	PR	8S-25E	7	SENW
20	Coyote Basin Federal 33-5	4304732257	SI	8S-25E	5	NWSE
21	Coyote Federal 21-5	4304732260	PR	8S-25E	5	NENW
22	Coyote Basin Federal 13-5	4304732261	PR	8S-25E	5	NWSW
23	Coyote Federal 42-6X	4304732346	INJ	8S-25E	6	SENE

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **8/5/2004**

<b>FROM: (Old Operator):</b> N5160-Inland Production Company 1401 17th St, Suite 1000 Denver, CO 80202 Phone: 1-(303) 893-0102	<b>TO: ( New Operator):</b> N1570-P&M Petroleum Management, LLC 518 17th St, Suite 230 Denver, CO 80202 Phone: 1-(303) 260-7129
--	---

**CA No.** Unit: **COYOTE BASIN (GREEN RIVER)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
E RED WASH FED 1-12	12	080S	240E	4304720207	11500	1	OW	S
COYOTE 1-12	12	080S	240E	4304720221	11500	1	OW	S
COYOTE BASIN 43-12-8-24	12	080S	240E	4304730943	11500	1	OW	P
E RED WASH FED 1-13	13	080S	240E	4304720222	11500	1	OW	S
COYOTE BASIN FED 12-13	13	080S	240E	4304731266	11500	1	OW	P
FEDERAL 13-13	13	080S	240E	4304732196	11500	1	OW	P
FEDERAL 14-4	04	080S	250E	4304715678	11500	1	OW	P
E RED WASH 1-5	05	080S	250E	4304720174	11500	1	OW	P
TXO FEDERAL 1	05	080S	250E	4304731406	11500	1	OW	P
TXO FEDERAL 2	05	080S	250E	4304731567	11500	1	OW	TA
COYOTE FEDERAL 12-5	05	080S	250E	4304732253	11500	1	OW	S
COYOTE FEDERAL 33-5	05	080S	250E	4304732257	11500	1	OW	S
COYOTE FEDERAL 21-5	05	080S	250E	4304732260	11500	1	OW	P
COYOTE FEDERAL 13-5	05	080S	250E	4304732261	11500	1	OW	P
E RED WASH FED 1-6	06	080S	250E	4304720208	11500	1	OW	S
COYOTE BASIN 32-6-8-25	06	080S	250E	4304731835	11500	1	WS	A
COYOTE BASIN 21-7-8-25	07	080S	250E	4304731673	11500	1	OW	P
COYOTE FEDERAL 31-7	07	080S	250E	4304732254	11500	1	OW	P
COYOTE FEDERAL 13-7	07	080S	250E	4304732255	11500	1	OW	P
COYOTE FEDERAL 22-7	07	080S	250E	4304732256	11500	1	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/20/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/20/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 9/30/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5587520-0161
- If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: n/a

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 n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: \*\*\*

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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: 9/30/2004

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 9/30/2004

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/30/2004

3. Bond information entered in RBDMS on: n/a

4. Fee/State wells attached to bond in RBDMS on: n/a

5. Injection Projects to new operator in RBDMS on: 9/30/2004

6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT-1005

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

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

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:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

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

**6/1/2009**

**FROM:** (Old Operator):  
N1570-P&M Petroleum Management  
518 17th Street, Suite 1105  
Denver, CO 80202

**TO:** ( New Operator):  
N3580-Advantage Resources, Inc.  
1775 Sherman Street, Suite 1700  
Denver, CO 80203

Phone: 1 (303) 260-7129

Phone: 1 (303) 831-1912

**CA No.**

**Unit:**

**COYOTE BASIN (GRRV)**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
<b>SEE ATTACHED LIST</b>								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/18/2009
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/18/2009
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/28/2009
- Is the new operator registered in the State of Utah:                      Business Number: 1249524-0143
- (R649-9-2)Waste Management Plan has been received on:                      requested 5/28/2009
- Inspections of LA PA state/fee well sites complete on:                      n/a
- Reports current for Production/Disposition & Sundries on:                      ok
- 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 not yet                      BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:                      not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:                      n/a
- Underground Injection Control ("UIC")** approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:                      5/18/2009

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on:                      5/28/2009
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on:                      5/28/2009
- Bond information entered in RBDMS on:                      n/a
- Fee/State wells attached to bond in RBDMS on:                      n/a
- Injection Projects to new operator in RBDMS on:                      5/28/2009
- Receipt of Acceptance of Drilling Procedures for APD/New on:                      n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number:                      B004939
- Indian well(s) covered by Bond Number:                      n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number                      n/a
- The **FORMER** operator has requested a release of liability from their bond on:                      n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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:** per Jerry Calley, P&M, San Juan County wells are plugged, he will submit reports.

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Injectors</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ADVANTAGE RESOURCES, INC. - <u>BLM Bond # 3004939</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1775 Sherman St., # 1700 CITY Denver STATE CO ZIP 80203		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 831-1912		8. WELL NAME and NUMBER:
4. LOCATION OF WELL <u>N3580</u>		9. API NUMBER:
FOOTAGES AT SURFACE:		10. FIELD AND POOL, OR WILDCAT: Coyote Basin
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: <u>Uintah</u>
		STATE: <u>UTAH</u>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>4/1/2009</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

P&M Petroleum Management, LLC N1570  
518 17th Street, Suite 1105  
Denver, CO 80202

Name (Please Print) \_\_\_\_\_ Title Managing Member

Signature Jerry Colley Date 5/14/09  
(303) 260-7129

See Attached Exhibit A for a list of wells in Coyote Basin Field (Field # 570)

NAME (PLEASE PRINT) <u>Brad C. Ackman</u>	TITLE <u>VP</u>
SIGNATURE <u>[Signature]</u>	DATE <u>5/14/09</u>

(This space for State use only)

APPROVED 5128109  
Earlene Russell  
Division of Oil, Gas and Mining (See Instructions on Reverse Side)  
Earlene Russell, Engineering Technician

**RECEIVED**  
**MAY 18 2009**  
DIV. OF OIL, GAS & MINING

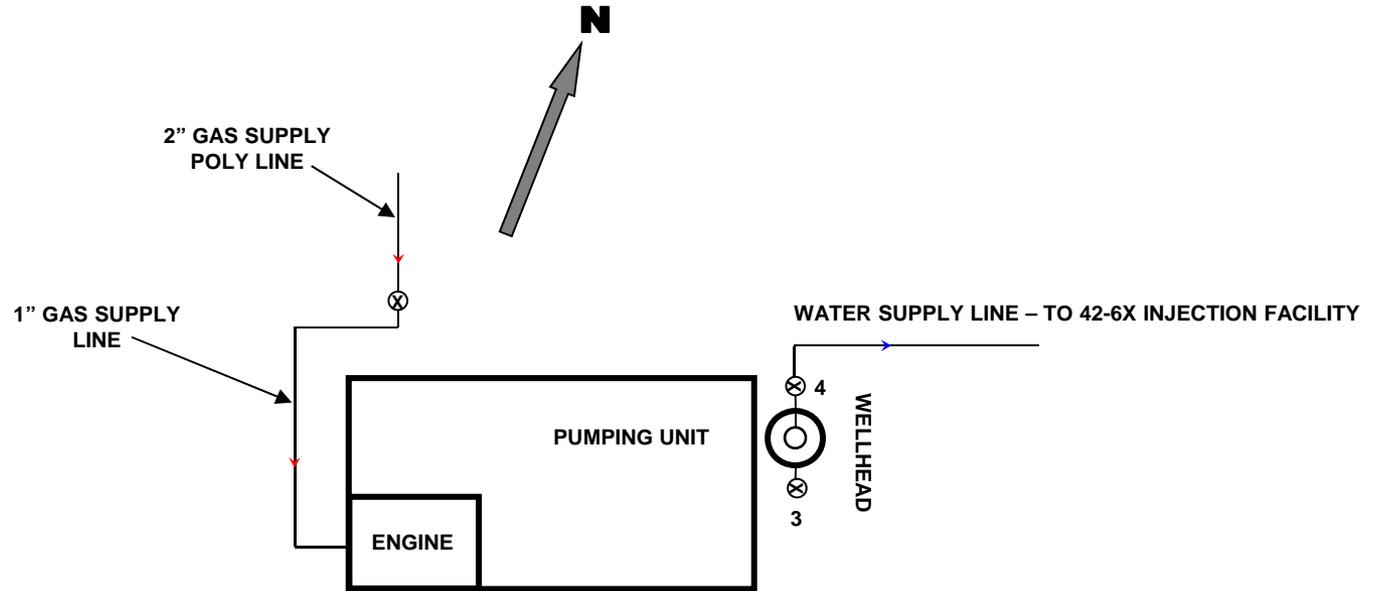
Exhibit A - Current Wells in Coyote Basin Field (570)

FEDERAL 14-4	04	080S	250E	4304715678	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SWSW	GRRV	U-41376	N1570
E RED WASH 1-5	05	080S	250E	4304720174	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SENE	GRRV	U-063597	N1570
E RED WASH FED 1-12	12	080S	240E	4304720207	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SWNE	GRRV	U-038797	N1570
E RED WASH FED 1-6	06	080S	250E	4304720208	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NESE	GRRV	U-017439-B	N1570
COYOTE 1-12	12	080S	240E	4304720221	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NESW	GRRV	U-58226	N1570
E RED WASH FED 1-13	13	080S	240E	4304720222	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NENW	GRRV	U-018073	N1570
AMERADA GUINAND 1	07	080S	250E	4304720245	11500	Federal	WI	A		COYOTE BASIN (GRRV)	SWNW	GRRV	U-016271-V	N1570
EAST RED WASH FED 4-6	06	080S	250E	4304720261	11500	Federal	WI	A		COYOTE BASIN (GRRV)	SWSE	GRRV	U-020309	N1570
COYOTE BASIN 43-12-8-24	12	080S	240E	4304730943	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NESE	WSTC	U-38797	N1570
COYOTE BASIN FED 12-13	13	080S	240E	4304731266	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SWNW	GRRV	U-018073	N1570
TXO FEDERAL 1	05	080S	250E	4304731406	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SWNE	GRRV	U-41376	N1570
TXO FEDERAL 2	05	080S	250E	4304731567	11500	Federal	OW	TA		COYOTE BASIN (GRRV)	SENE	GRRV	U-41376	N1570
COYOTE BASIN 21-7-8-25	07	080S	250E	4304731673	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NENW	WSTC	U-41377	N1570
COYOTE BASIN 32-6-8-25	06	080S	250E	4304731835	11500	Federal	WS	A		COYOTE BASIN (GRRV)	SWNE	DGCRK	U-020309D	N1570
FEDERAL 13-13	13	080S	240E	4304732196	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NWSW	GRRV	U-67208	N1570
COYOTE FEDERAL 12-5	05	080S	250E	4304732253	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SWNW	GRRV	U-063597-A	N1570
COYOTE FEDERAL 31-7	07	080S	250E	4304732254	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NWNE	GRRV	U-020309-D	N1570
COYOTE FEDERAL 13-7	07	080S	250E	4304732255	11500	Federal	OW	P		COYOTE BASIN (GRRV)	NWSW	GRRV	U-41377	N1570
COYOTE FEDERAL 22-7	07	080S	250E	4304732256	11500	Federal	OW	S		COYOTE BASIN (GRRV)	SENE	GRRV	U-41377	N1570
COYOTE FEDERAL 33-5	05	080S	250E	4304732257	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NWSE	GRRV	U-063597A	N1570
COYOTE FEDERAL 21-5	05	080S	250E	4304732260	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NENW	GRRV	U-063597A	N1570
COYOTE FEDERAL 13-5	05	080S	250E	4304732261	11500	Federal	OW	S		COYOTE BASIN (GRRV)	NWSW	GRRV	U-063597A	N1570
COYOTE FED 42-6X	06	080S	250E	4304732346	11500	Federal	WI	A		COYOTE BASIN (GRRV)	SENE	GRRV	U-017439-B	N1570

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-020309D
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> COYOTE BASIN (GRRV)
<b>1. TYPE OF WELL</b> Water Source Well	<b>8. WELL NAME and NUMBER:</b> COYOTE BASIN 32-6-8-25	
<b>2. NAME OF OPERATOR:</b> ADVANTAGE RESOURCES INC	<b>9. API NUMBER:</b> 43047318350000	
<b>3. ADDRESS OF OPERATOR:</b> 1775 Sherman St 1700 , Denver, CO, 80203	<b>PHONE NUMBER:</b> 303 831-1912 Ext	<b>9. FIELD and POOL or WILDCAT:</b> COYOTE BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1900 FNL 2200 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 06 Township: 08.0S Range: 25.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/10/2011	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> DRILLING REPORT Report Date:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER                      OTHER: <input type="text" value="Production Facility Plat"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Updated Production Facility Plat		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brian W. Ackman	<b>PHONE NUMBER</b> 303 831-1912	<b>TITLE</b> VP Exploration
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/15/2011	

# PRODUCTION FACILITY DIAGRAM

COYOTE BASIN #32-6  
 SW NE Sec. 6-8S-25E  
 UINTAH COUNTY, UTAH  
 FEDERAL LEASE: U-020309 D



PLAN LOCATED AT:  
 ADVANTAGE'S  
 DENVER OFFICE &  
 42-6X INJECTION  
 FACILITY

- < = Oil Flow Direction
- < = Gas Flow Direction
- < = Water Flow Direction

VALVE DESCRIPTION		
VALVE #	NO INJECT	DURING INJECT
1	OPEN	CLOSED
2	CLOSED	OPEN
3	CLOSED	CLOSED
4	CLOSED	OPEN

Nov. 15, 2011



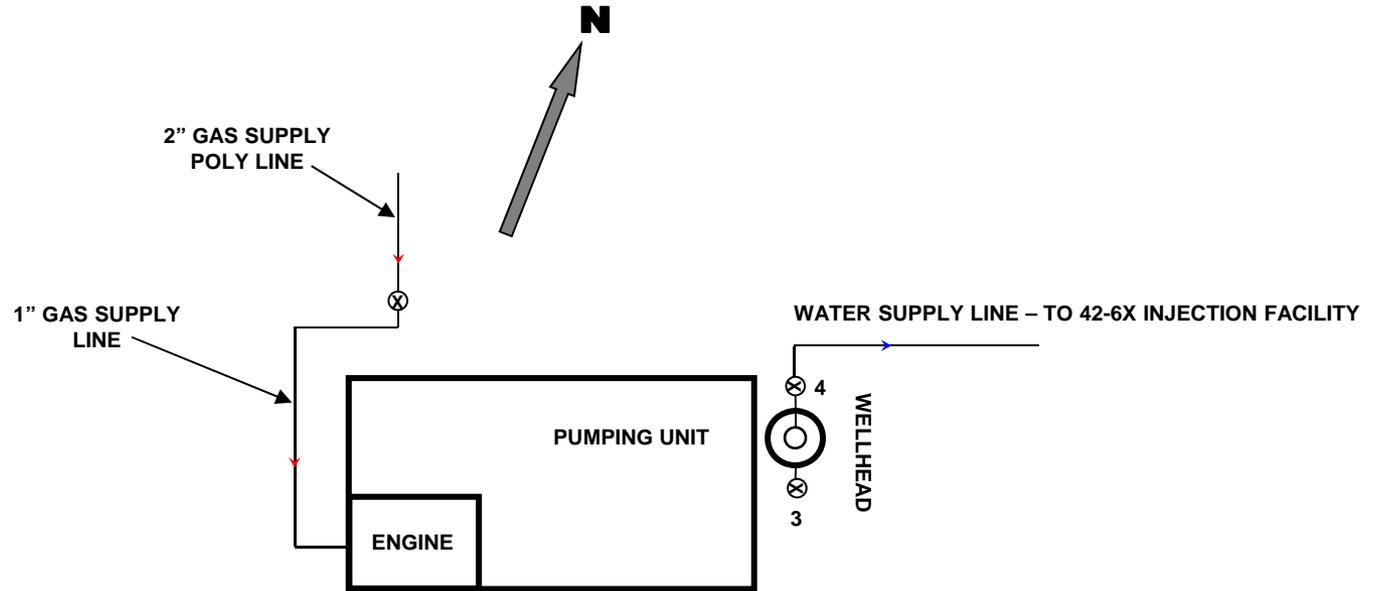
**ADVANTAGE RESOURCES, INC.**

1775 Sherman Street, Suite 1700  
 Denver, CO. 80203  
 303-831-1912  
 December 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-020309D
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> COYOTE BASIN (GRRV)
<b>1. TYPE OF WELL</b> Water Source Well	<b>8. WELL NAME and NUMBER:</b> COYOTE BASIN 32-6-8-25	
<b>2. NAME OF OPERATOR:</b> ADVANTAGE RESOURCES INC	<b>9. API NUMBER:</b> 43047318350000	
<b>3. ADDRESS OF OPERATOR:</b> 1775 Sherman St 1700 , Denver, CO, 80203	<b>PHONE NUMBER:</b> 303 831-1912 Ext	<b>9. FIELD and POOL or WILDCAT:</b> COYOTE BASIN
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1900 FNL 2200 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 06 Township: 08.0S Range: 25.0E Meridian: S	<b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/10/2011	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input type="text" value="Production Facility Plat"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Updated Production Facility Plat		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Brian W. Ackman	<b>PHONE NUMBER</b> 303 831-1912	<b>TITLE</b> VP Exploration
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/15/2011	

# PRODUCTION FACILITY DIAGRAM

COYOTE BASIN #32-6  
 SW NE Sec. 6-8S-25E  
 UINTAH COUNTY, UTAH  
 FEDERAL LEASE: U-020309 D



PLAN LOCATED AT:  
 ADVANTAGE'S  
 DENVER OFFICE &  
 42-6X INJECTION  
 FACILITY

- < = Oil Flow Direction
- < = Gas Flow Direction
- < = Water Flow Direction

VALVE DESCRIPTION		
VALVE #	NO INJECT	DURING INJECT
1	OPEN	CLOSED
2	CLOSED	OPEN
3	CLOSED	CLOSED
4	CLOSED	OPEN

Nov. 15, 2011



**ADVANTAGE RESOURCES, INC.**

1775 Sherman Street, Suite 1700  
 Denver, CO. 80203  
 303-831-1912  
 December 2011

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **8/1/2012**

**FROM:** (Old Operator):  
 N3580- Advantage Resources, Inc.  
 1775 Sherman Street, Suite 1700  
 Denver, CO 80203  
 Phone: 1 (303) 831-1912

**TO:** ( New Operator):  
 N3890- Wold Oil Properties, Inc.  
 139 West 2nd Street, Suite 200  
 Casper, WY 82601  
 Phone: 1 (307) 265-7252

**CA No.** **Unit:** **Coyote Basin (GRRV)**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/24/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/24/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/15/2012
- Is the new operator registered in the State of Utah:            Business Number: 8351065-0143
- (R649-9-2)Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 10/15/2012
- 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 Not Yet BIA
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 10/3/2012

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 10/15/2102
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/15/2012
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/3/2012

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000513
- Indian well(s) covered by Bond Number:
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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:**

Advantage Resources, Inc. (N3580) to Wold Oil Properties, Inc. (N3890)  
Effective

Well Name	Sec	TWP	RNG	API Number	Entity	Lease	Well Type	Well Status
AMERADA GUINAND 1	07	080S	250E	4304720245	11500	Federal	WI	A
EAST RED WASH FED 4-6	06	080S	250E	4304720261	11500	Federal	WI	A
<b>COYOTE BASIN 32-6-8-25</b>	06	080S	250E	4304731835	11500	Federal	WS	A
COYOTE FED 42-6X	06	080S	250E	4304732346	11500	Federal	WI	A
COYOTE BASIN 7-7	07	080S	250E	4304752111		Federal	OW	APD
COYOTE BASIN 11-7	07	080S	250E	4304752112		Federal	OW	APD
COYOTE BASIN 2-13	13	080S	240E	4304752113		Federal	OW	APD
COYOTE BASIN 6-13	13	080S	240E	4304752114		Federal	OW	APD
COYOTE BASIN FED 14-13	13	080S	240E	4304752115		Federal	OW	APD
FEDERAL 14-4	04	080S	250E	4304715678	11500	Federal	OW	P
COYOTE BASIN 43-12-8-24	12	080S	240E	4304730943	11500	Federal	OW	P
COYOTE BASIN FED 12-13	13	080S	240E	4304731266	11500	Federal	OW	P
TXO FEDERAL 1	05	080S	250E	4304731406	11500	Federal	OW	P
COYOTE BASIN 21-7-8-25	07	080S	250E	4304731673	11500	Federal	OW	P
FEDERAL 13-13	13	080S	240E	4304732196	11500	Federal	OW	P
COYOTE FEDERAL 31-7	07	080S	250E	4304732254	11500	Federal	OW	P
COYOTE FEDERAL 13-7	07	080S	250E	4304732255	11500	Federal	OW	P
COYOTE FEDERAL 22-7	07	080S	250E	4304732256	11500	Federal	OW	P
COYOTE FEDERAL 33-5	05	080S	250E	4304732257	11500	Federal	OW	P
COYOTE 1-12	12	080S	240E	4304720221	11500	Federal	OW	PA
E RED WASH 1-5	05	080S	250E	4304720174	11500	Federal	OW	S
E RED WASH FED 1-12	12	080S	240E	4304720207	11500	Federal	OW	S
E RED WASH FED 1-6	06	080S	250E	4304720208	11500	Federal	OW	S
E RED WASH FED 1-13	13	080S	240E	4304720222	11500	Federal	OW	S
COYOTE FEDERAL 21-5	05	080S	250E	4304732260	11500	Federal	OW	S
COYOTE FEDERAL 13-5	05	080S	250E	4304732261	11500	Federal	OW	S
TXO FEDERAL 2	05	080S	250E	4304731567	11500	Federal	OW	TA
COYOTE FEDERAL 12-5	05	080S	250E	4304732253	11500	Federal	OW	TA

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

RECEIVED

SEP 24 2012

FORM 9

DIV. OF OIL, GAS & MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

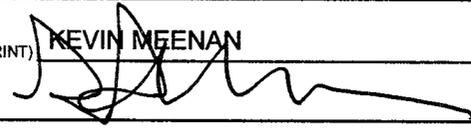
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Exhibit B
2. NAME OF OPERATOR: WOLD OIL PROPERTIES, INC. N3890		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 139 W. 2ND ST, STE 200 CITY CASPER STATE WY ZIP 82601-2462 PHONE NUMBER: (307) 265-7252		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: BOND # <u>UTB 000 513</u> COUNTY: UINTAH		8. WELL NAME and NUMBER: See Exhibit B
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SEE EXH B STATE: UTAH		9. API NUMBER: Exhibit B
		10. FIELD AND POOL, OR WLDCAT: COYOTE BASIN

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/11/2012</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

  
Signature  
Name (Please Print) Brian W. Ackman Title: Sec.  
Date: 9/19/2012  
ADVANTAGE RESOURCES, INC. #N3580  
1775 Sherman St, #1700, Denver, CO 80203  
(303) 831-1912  
N3580

NAME (PLEASE PRINT) <u>KEVIN MEENAN</u>	TITLE <u>CORPORATE SECRETARY</u>
SIGNATURE 	DATE <u>9/18/12</u>

(This space for State use only)

**APPROVED**

OCT 15 2012

DIV. OIL GAS & MINING  
BY: Rachel Medina

### Exhibit B - Wells

<u>Well Name</u>	<u>API Number</u>	<u>Twp</u>	<u>Rng</u>	<u>Sec</u>	<u>Desc</u>	<u>Status</u>	<u>ARI Lease No.</u> 80039-	<u>State/BLM</u> <u>Lease No.</u>
Coyote Basin 43-12-8-24	43 047 30943	8 S	24 E	12	NE SE	P	80039-003-01	UTU 038797
Coyote Basin Fed 12-13	43 047 31266	8 S	24 E	13	SW NW	P	80039-004-01	UTU 018073
Federal 13-13	43 047 32196	8 S	24 E	13	NW SW	P	80039-007-01	UTU 67208
Coyote Federal 21-5	43 047 32260	8 S	25 E	5	NE NW	OGW	80039-009-01	UTU 063597A
E Red Wash 1-5	43 047 20174	8 S	25 E	5	SE NW	OGW	80039-009-01	UTU 063597A
TXO Federal 1	43 047 31406	8 S	25 E	5	SW NE	P	80039-008-01	UTU 41376
Coyote Federal 33-5	43 047 32257	8 S	25 E	5	NW SE	P	80039-009-01	UTU 063597A
Coyote Federal 13-5	43 047 32261	8 S	25 E	5	NW SW	OGW	80039-009-01	UTU 063597A
Coyote Federal 31-7	43 047 32254	8 S	25 E	7	NW NE	SI	80039-013-01	UTU 020309D
Coyote Basin 21-7-8-25	43 047 31673	8 S	25 E	7	NE NW	P	80039-012-01	UTU 41377
Coyote Federal 22-7	43 047 32256	8 S	25 E	7	SE NW	P	80039-012-01	UTU 41377
Coyote Federal 13-7	43 047 32255	8 S	25 E	7	NW SW	P	80039-012-01	UTU 41377
E Red Wash Fed 1-12	43 047 20207	8 S	24 E	12	SW NE	SI	80039-003-01	UTU 038797
Coyote 1-12	43 047 20221	8 S	24 E	12	NE SW	P&A		UTU 58226
E Red Wash Fed 1-13	43 047 20222	8 S	24 E	13	NE NW	SI	80039-004-01	UTU 018073
Federal 14-4	43 047 15678	8 S	25 E	4	SW SW	P	80039-008-01	UTU 41376
Coyote Federal 12-5	43 047 32253	8 S	25 E	5	SW NW	SI	80039-009-01	UTU 063597A
TXO Federal 2	43 047 31567	8 S	25 E	5	SE NE	SI	80039-008-01	UTU 41376
E Red Wash Fed 1-6	43 047 20208	8 S	25 E	6	NE SE	SI	80039-011-01	UTU 017439B
Coyote Fed 42-6X	43 047 32346	8 S	25 E	6	SE NE	Inj	80039-011-01	UTU 017439B
E Redwash 4-6	43 047 20261	8 S	25 E	6	SW SE	Inj	80039-013-01	UTU 020309D
Amerada Guinand 1	43 047 20245	8 S	25 E	7	SW NW	Inj	80039-016-01	UTU 016271V
Coyote Basin 32-6	43 047 31835	8 S	25 E	6	SW NE	Wtr	80039-013-01	UTU 020309D
<b><u>Permitted Wells</u></b>								
Coyote Basin 7-7	43 047 52111	8 S	25 E	7		Permit		UTU 020309D
Coyote Basin 11-7	43 047 52112	8 S	25 E	7		Permit		UTU 41377
Coyote Basin 6-13	43 047 52114	8 S	24 E	13		Permit		UTU 018073
Coyote Basin 2-13	43 047 52113	8 S	24 E	13		Permit		UTU 038797
Coyote Basin Fed 14-13	43 047 52115	8 S	24 E	13		Permit		UTU 67208