

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 22, 1989

RECEIVED
JUN 26 1989

Utah Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

DIVISION OF
OIL, GAS & MINING

Attention: Ronald J. Firth

Re: **CONFIDENTIAL**
Bridle Federal #4
SE/NE Section 34-T6S-R22E
Uintah County, Utah

Gentlemen:

Enclosed for your review and approval are three copies of Federal Form 3160-3, with attachments, as application for permit to drill the referenced well. The federal APD form and its attachments, including a survey plat, drilling plan and surface use plan, provide the information required by R615-8-3.

TXO Production Corp. will obtain an approved temporary water use permit from the Utah Division of Water Rights prior to drilling this well. The Green River is the anticipated water source.

If you have any questions or need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Charles K. Curlee

Charles K. Curlee
Environmental Manager

CKC/gbp

Enclosure

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 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR
 1800 Lincoln Center Bldg. Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1400' FNL, 600' FEL (SE/NE) Section 34-T6S-R22E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 12 miles south of Vernal, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 600'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. (Bridle Fed. #2) approx. 2,290'

19. PROPOSED DEPTH 3550' *Green River*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5043' G.R.

22. APPROX. DATE WORK WILL START*
 July 15, 1989

RECEIVED
JUN 26 1989

5. LEASE DESIGNATION AND SERIAL NO.
 U-47866

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 - - -

7. UNIT AGREEMENT NAME
 - - -

8. FARM OR LEASE NAME
 Bridle Federal

9. WELL NO.
 4

10. FIELD AND POOL, OR WILDCAT
 Horseshoe Bend *Undesignated*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 34-T6S-R22E

12. COUNTY OR PARISH
 Uintah

13. STATE
 UT

DIVISION OF
OIL, GAS & MINING

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"	24#	300'	200 sacks (approx.) to surf.
7 7/8"	4 1/2"	10.5#	3550'	250 sacks

All casing will be new K-55.

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 Gary L. Wurdeman TITLE Dist Drilling & Prod. Mgr. DATE June 14, 1989

(This space for Federal or State office use)

PERMIT NO. 43-047-318166 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

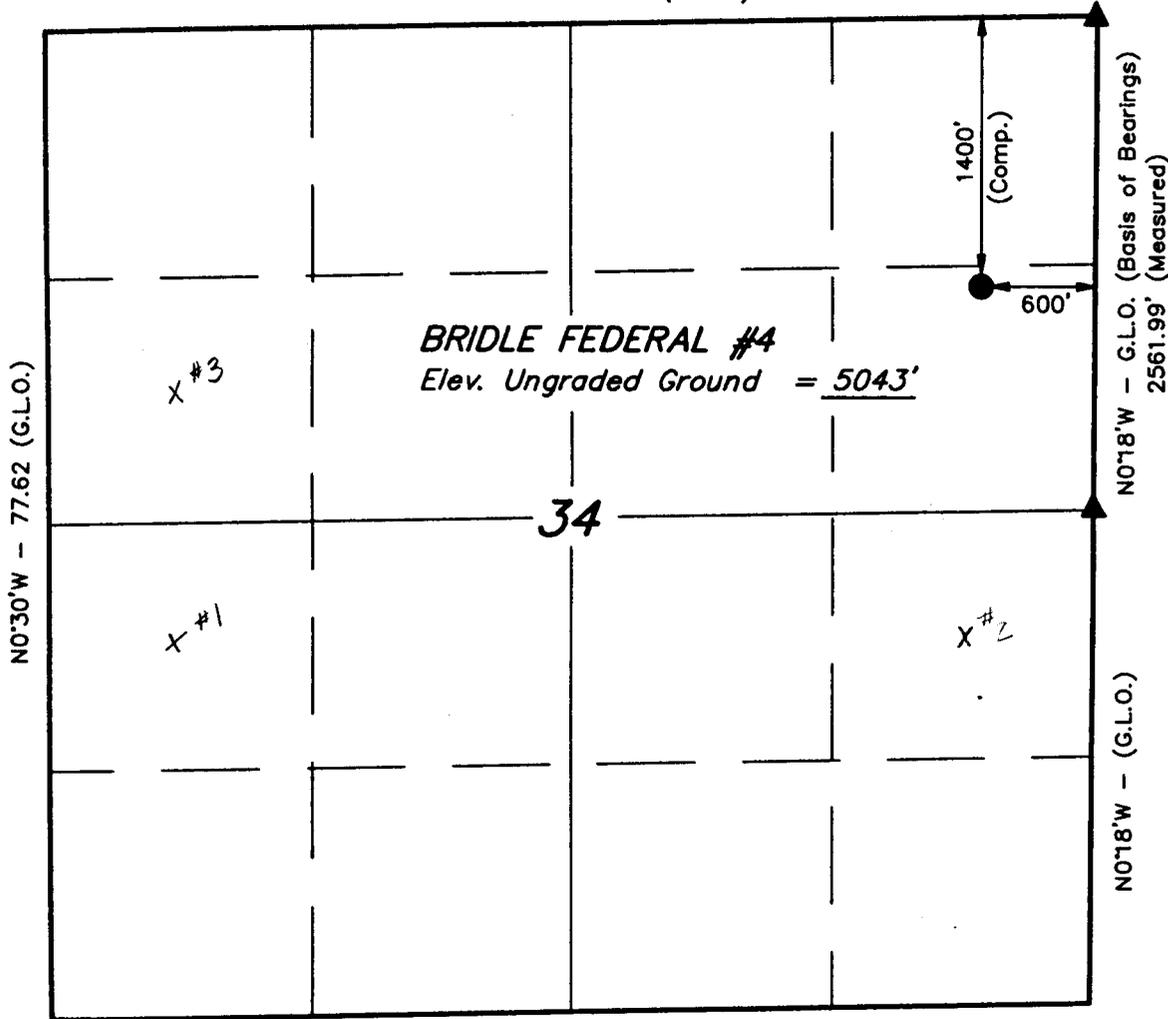
APPROVED BY _____ TITLE _____ DATE 6-29-89
 BY: John R. Bays

WELL SPACING: Leas. No. 145-5

*See Instructions On Reverse Side

T6S, R22E, S.L.B.&M.

S88°59'W - 81.68 (G.L.O.)



BRIDLE FEDERAL #4
Elev. Ungraded Ground = 5043'

N0°30'W - 77.62 (G.L.O.)

N07°18'W - G.L.O. (Basis of Bearings)
2561.99' (Measured)

N07°18'W - (G.L.O.)

S88°57'W - 81.40 (G.L.O.)

TXO PRODUCTION CORP.

Well location, BRIDAL FEDERAL #4, located as shown in the SE 1/4 NE 1/4 of Section 34, T6S, R22E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 10, T7S, R22E, S.L.B.&M. TAKEN FROM THE RED WASH NW QUADRANGLE, 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 5197 FEET.



CERTIFICATE

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

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX 1758 - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5-20-89
PARTY D.A. B.M. J.T.K.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE TXO PRODUCTION CORP.

▲ = SECTION CORNERS LOCATED. (1967 BRASS CAPS)

BEFORE THE BOARD OF OIL, GAS & MINING
DEPARTMENT OF NATURAL RESOURCES
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF JOHN P.)	
LOCKRIDGE FOR ESTABLISHMENT)	
OF 160-ACRE DRILLING AND)	
SPACING UNITS FOR CERTAIN)	FINDINGS OF FACT AND ORDER
LANDS AND TO ALLOW TWO)	
PRODUCING WELLS FOR ESTAB-)	Docket No. 85-020
LISHED 320-ACRE UNITS FOR)	Cause No. 145-5
THE UINTA FORMATION IN THE)	
HORSESHOE BEND FIELD, UINTAH)	
COUNTY UTAH.)	

Pursuant to Notice of Hearing dated May 2, 1985, this matter and cause came on for hearing before the Utah Board of Oil, Gas and Mining on Thursday, May 23, 1985 at 10:00 a.m. in the Board Room of the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

The following members of the Board were present and participated in the hearing:

Gregory P. Williams, Chairman
E. Steele McIntyre
Charles R. Henderson
John M. Garr
James W. Carter
Richard B. Larsen

Also participating in the hearing were Dianne R. Nielsen, Director of the Division of Oil, Gas and Mining, John R. Baza, Petroleum Engineer of the Division of Oil, Gas and Mining, Mark C. Moench, Assistant Attorney General representing the Board of Oil, Gas and Mining, and Barbara W. Roberts, Assistant Attorney General representing the Division of Oil, Gas and Mining.

Appearances were made on behalf of the Petitioner by William M. Berryman, Consulting Geologist and witness at the hearing, and Robert G. Pruitt, Jr., Attorney at Law. John P. Lockridge was present at the hearing to respond to any questions, but was not called upon. A communication in support of the petition was received from Snyder Oil Company.

Mark C. Moench, Assistant Attorney General, advised the Board that the Notice of Hearing dated May 2, 1985 contained an omission in the caption which, in his opinion, might constitute defective notice to interested persons who received the Notice. At the request of the petitioner, the Board received testimony and evidence at the Hearing on May 23, 1985, but delayed its decision until an Amended Notice of Hearing, dated May 27, 1985, was sent to all interested persons and opportunity for further hearing or response was given at the Hearing on June 20, 1985. No further comments or response were received at the Hearing on June 20.

NOW, THEREFORE, the Board having considered the testimony of the witness and the exhibits received at the May 23 hearing, and the absence of any comments or response at the June 20 hearing, and now being fully advised in the premises, makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing has been given to all interested parties as required by law and by the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and overall parties interested therein, and has jurisdiction to make and promulgate any orders hereinafter set forth.

3. The Uinta formation underlying

Township 6 South, Range 22 East, SLM

Sections 25 through 30
and
Sections 34 through 36

constitutes a common source of supply for gas, and that one well will effectively drain only 160 acres in the Uinta formation beneath said lands.

4. The Board's Order in Cause No. 145-2, which established 320-acre drilling and spacing units for the Uinta formation for Sections 28, 29 and 30 should not be vacated, but should be amended to permit two (2) wells to be drilled and to produce simultaneously in each established 320-acre unit within said Sections 28, 29 and 30.

5. The permitted well within the lands covered by the petition should be within each government surveyed quarter section, no closer than 500 feet from the boundaries of such quarter section.

ORDER

It is therefore ordered as follows:

1. The Board's Order in Cause No. 145-2, dated October 23, 1980, is hereby amended to authorize two producing wells per each 320-acre unit in the Uinta formation for the following lands:

Township 6 South, Range 22 East, SLM

Sections 28, 29 and 30

with the permitted wells for such units to conform with the Order herein.

2. The Board establishes 160-acre drilling and spacing units comprising the government surveyed quarter section for the Uinta formation for the following lands:

Township 6 South, Range 22 East, SLM

Sections 25 through 27
and
Sections 34 through 36

3. The permitted well shall be located within each such quarter section, no closer than 500 feet from the boundaries of such quarter section, provided that for topographic conditions an exception location may be administratively approved by the Division without the necessity for a Board hearing.

4. The Board retains exclusive and continuing jurisdiction of all matters covered by this Order and of all parties affected thereby.

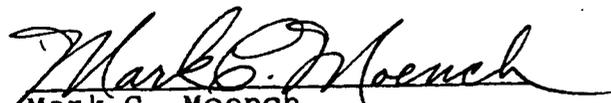
Entered this 20th day of June, 1985.

UTAH BOARD OF OIL, GAS AND MINING



Gregory P. Williams, Chairman

Approved as to Form:



Mark C. Moench
Assistant Attorney General

DRILLING PLAN

DATE: June 14, 1989

WELL NAME: Bridle Federal #4

SURFACE LOCATION: 1400' FNL, 600' FEL, (SE/NE) Section 34-T6S-R22E, SLB&M, Uintah County, Utah

FEDERAL OIL & GAS LEASE NO.: U-47866

Be advised that TXO Production Corp. is considered to be the operator on the above described lands and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof, bond coverage for this well is provided by Bond No. 5570134, Principal TXO Production Corp.

I. DRILLING PROGRAM

1. **SURFACE FORMATION:** Uinta
2. **ESTIMATED FORMATION TOPS:**

Uinta "B"	2918'
Green River	3400'
Total Depth	3550'
3. **ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:**

Expected Gas Zones: Uinta "B"
4. **PRESSURE CONTROL EQUIPMENT:**
 - A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi, will be installed. See Exhibit 1.
 - B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed. Choke and kill lines will be 2" minimum in size.
 - C. The equipment in A and B will be pressure-tested to 2000 psi for a minimum of 15 minutes before drilling surface pipe cement. The blowout preventer will be tested for proper operation daily and during trips.

5. CASING PROGRAM AS PER FORM 3160-3.

6. MUD PROGRAM:

0'-350' Spud mud: 8.8-9.2 ppg; 35-45 viscosity API
350'-2800' Native, 8.8-9.2 ppg; 28-32 viscosity API;
2800'-3550' LSND, 9.0-9.4 ppg, 35-45 viscosity API, WL less
than 10 cc's.

Mud flow will be monitored via pit level indicator.

7. CORING, LOGGING, TESTING PROGRAM:

- A. No coring anticipated.
- B. Logging will consist of: GR-SP-DIL from TD to surface casing; FDC-CNL,GR,CAL from TD to 500' above TD.

8. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.

9. AUXILIARY EQUIPMENT:

- A. A kelly cock will be used.
- B. A float valve will be run in the drill string above the bit.
- C. A sub with full opening valve will be kept on the derrick floor to stab into DP when kelly is not in use.

10. ANTICIPATED STARTING DATES:

Start location construction	July 15, 1989
Spud date	July 18, 1989
Complete drilling	July 30, 1989
Completed, ready for pipeline	August 15, 1989

11. COMPLETION PROGRAM:

A smaller completion rig will replace the drilling rig for this portion of the operations if the well shows capability of commercial production. After casing is set by the drilling rig, the completion rig will be moved in and productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced liquid hydrocarbons will be directed to test tanks on location. Produced water will be contained in the drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can

only be determined after the zone has been tested. An exact completion program will be furnished after drilling and logging, if requested.

II. SURFACE USE PROGRAM

This Surface Use Program contains all stipulations received during the on-site inspection of the access road and drill site, held May 24, 1989.

1. EXISTING ROADS

- A. From Vernal, Utah proceed 21.1 miles southeast on new highway. Turn left (northeast) onto dirt road and proceed .4 miles to the Bridle Federal #2 location. Proceed north from producing location .45 miles on existing 2-track road adjacent to fence line. Location is on east side of fence.
- B. Access route to location color coded in red and labeled. Refer to Exhibit 2.
- C. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 3.
- D. Plans for improvement and maintenance of existing roads: The existing roads will require minimal maintenance. During wet periods, maintenance may be necessary to facilitate passage by heavy well servicing equipment. Dry periods may require some road watering to control dust and improve stability.

2. PLANNED ACCESS ROAD

- A. Approximately .45 mile of new road will be constructed in a 30' right-of-way width to provide access to the well pad. The road, which follows on existing 2-track trail, will be flat-bladed to a 16' running surface and will have a grade of $\pm 2\%$. No culverts or turnouts will be necessary. The road will cut through a fence just before entering the location. See Exhibit 4.
- B. The existing fence will be braced and tied off before cutting so as to prevent slacking of the wire. The opening will be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence will be repaired to BLM specifications. A cattleguard will be installed in the cut fence for use during drilling operations and will be permanently mounted on concrete bases if the well is a producer. Prior to crossing the fence, the operator will contact the BLM, who will in turn contact the grazing permittee and offer them the opportunity to be present when the fence is cut to make sure it is adequately braced and tied off to their satisfaction.

- C. 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 & Gas Development.

3. LOCATION OF EXISTING WELLS

Exhibit 5 is a one-mile radius locating and identifying the following:

- A. Water wells-None
- B. Injection Wells-None
- C. Abandoned Wells-Lockr HB 14-24; I McLish 34-35
- D. Disposal Wells-None
- E. Producing Wells-TXO Bridle Fed's 1,2,& 3; Lockr HB 14-35
- F. Drilling Wells-None
- G. Shut-in Wells-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. On-well-pad production facilities, if well is successfully completed for production.
 - 1. Proposed facilities and attendant lines in relation to the well pad. Refer to Exhibit 6.
 - 2. Dimensions of facilities: Refer to Exhibit 6.
 - 3. The production facilities will include: Combination production unit, meter run, and dehydrator, and two small production pits. The anticipated location of these facilities is shown on Exhibit 6.

The pits will be located in cut to contain all water production and built in accordance with NTL-2B IV.4. specifications for disposal of less than five barrels of produced water per day. In the event the volume of produced water exceeds 5 BWPD, TXO will investigate alternate disposal methods and obtain approval as required by NTL-2B.

- 4. Two pits are required for efficient operations at this prospective gas well.

One pit will will contain high pressure blowdown discharges and the second pit will be located adjacent to the production unit. The blowdown pit will be remote from the production equipment because of the hazards of the occasional high pressure discharge. Limited fluid discharge from the production equipment to the blowdown pit is not

feasible due to line freezes in winter. Thus, the second pit is required adjacent to the production equipment.

5. Protective devices and measures to protect livestock and wildlife: The water production pit and blowdown pit will be fenced with woven wire in a welded frame to protect livestock and wildlife. Production lines on the location between the wellhead, production equipment, pits, and gas pipeline will be wrapped and buried.
6. All permanent structures on-site will be painted a flat, non-reflective earthtone (Desert Brown) within 6 months of installation, excluding OSHA compliance facilities.

B. Off-well-pad production facilities.

No off-well-pad facilities, other than a gas pipeline, are anticipated.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: TXO is obtaining state approval to draw water from the Green River from a point just west of State Road 45 in the NW/4, Section 7-T6S-R22E.

Temporary water use permits from the State of Utah will be obtained for the sources used.

- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler. The haul route will follow a portion of the identified access route. All travel will be on existing roads.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of material to construct a level location. Topsoil will be stockpiled along the southwest side of the pad for later use during rehabilitation of the disturbed areas. Excess excavated material from the pit will be stockpiled on the northeast side of the pit for use during rehabilitation. Please refer to Exhibit 7.

- B. Identify if from Federal or Indian Land: The affected land is federal and under the jurisdiction of the Bureau of Land Management.
- C. No additional materials, such as sand or gravel, are to be obtained and a minerals material application is not required. If such fill materials are needed, proper permits will be obtained from BLM if the material source is on federal public land.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings and drilling fluids will be contained and disposed of in the reserve pit.
- B. Produced fracing fluids will be directed to the reserve pit for evaporation.
- C. Sewage: A portable chemical toilet will be on location during drilling operations.
- D. Garbage and other trash will be placed in a trash cage and removed to a sanitary landfill upon completion. Burning will not be allowed.
- E. Protective Devices: The reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location to protect animals. The flare pit will be fenced as part of the reserve pit. Fencing will consist of a wire mesh ("stocktight") fence topped with one strand of barbed wire and will be as prescribed in the 1978 Surface Operating Standards. If any oil is in the reserve pit, it will be removed or overhead flagging will be installed.
- F. Statement regarding proper cleanup when rig moves out: When the rig moves out, all trash and refuse will be removed from the location and hauled to an approved landfill. Burning will not be allowed. All pits will be filled after drying and the area restored as under Item 10 of this plan.
- G. Produced waste water will be confined to an unlined pit or a storage tank for a period not to exceed 90 days after first production. During the 90-day period, an application for approval of a permanent disposal method (unlined production pits) will be submitted to BLM for approval.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: Camp facilities and use of airstrips are not required.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7. The northwest corner of the pad and reserve pit will be rounded off slightly to avoid filling a small drainage.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities; rig orientation, parking areas, access road: Refer to Exhibit 7.
- C. Statement regarding pit lining: The reserve pit will be unlined. However, if the subsurface structure should prove too porous or highly fractured, a 4-inch layer of bentonite or a commercial plastic liner will be placed in the pit to prevent excessive seepage and possible groundwater contamination. A BLM representative will be contacted prior to use of the pit if unlined so that the unlined pit can be inspected by BLM.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, leveling, contouring, and waste disposal: Immediately upon completion of the well, the site will be cleared of all debris and materials not needed for production and the mouse and rat holes filled. Prior to backfilling, the reserve pit will be allowed to dry by evaporation and any cans, barrels, pipe or other debris will be removed. Cuttings, drilling muds, and similar spent chemicals directed to the reserve pit pursuant to Item 7 above will be buried as the pit is backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion.
- B. All disturbed areas, including either areas of the pad not needed for production facilities or the entire location and access road if a dry hole, will be graded to an appearance consistent with the natural contours. Stockpiled topsoil will then be distributed evenly over these disturbed areas. The disturbed areas will be scarified by plowing or ripping to a depth of 12" and left rough in preparation for reseeding.
- C. Disturbed areas will be reseeded with an appropriate seed mix to be determined by BLM at the time restoration activities begin. Seed will be planted using a disc-type drill set 10" apart. Seed will be planted between one-half and three quarter inches deep. A drag or roller may be used to insure uniform coverage and compaction. Drilling will be done on contour. On slopes too steep for drilling, a "Cyclone" brand seeder or similar broadcast seeder will be used, using twice the recommended amount of seed per acre. Seed will then be covered to the prescribed depth by whatever means is practical.

- D. Seeding will be done from October 1 until ground freeze. If unsuccessful, additional seeding may be required. At such time as the well is P&A'd, a surface reclamation plan will be submitted to BLM via SRA to obtain additional seeding requirements and seed mixes.
- E. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately July 10, 1989 and will be finished within approximately one year. It is anticipated that seeding of the recontoured pad would be performed in the Fall of 1989 following pit backfill and recontouring operations.

11. SURFACE OWNERSHIP

The access road and the well pad are located on public lands managed by the BLM.

12. OTHER INFORMATION

- A. Topography, soil characteristics, geologic features, flora, fauna: The drill site is located in a moderately rolling area punctuated by numerous drainages. Soil in the area is sandy loam, and thin in spots with sandstone being exposed at the surface. Vegetative cover is sparse, about 25% or less. Plant species in the area include greasewood, big sagebrush, saltbush, cheatgrass, and various forbs. Local fauna include deer, antelope, and various birds and small mammals. No threatened or endangered species are known to occur in the area.
- B. Other surface-use activities include: Oil and gas production and livestock grazing.
- C. Proximity of water, occupied dwellings: The Green River flows about 3 miles north of the location. There are no occupied dwellings in the area. A cultural resource survey has been completed and the results forwarded to the BLM.
- D. Archeological, historical, or cultural sites: An archeological survey has been conducted for the new access road and well pad and the results forwarded to the Vernal BLM Office. If any archeological, historical or cultural sites are discovered during operations, all operations affecting such sites will be suspended and the discovery reported promptly to BLM.
- E. Noxious weeds along the access road and on the wellsite will be controlled. If herbicides or pesticides are used, prior approval will be obtained from BLM for the specific chemical proposed via a Pesticide Use Proposal.

- F. BLM will be contacted between 24 and 48 hours prior to beginning construction activities at the site. BLM contacts are Byron Tolman and Jim Piani at (801) 789-1362.
- G. The drilling rig and/or other drilling equipment will not be stacked or stored on federal lands after the conclusion of drilling operations without BLM authorization. Any BLM authorization for such rig storage would only be a temporary measure until arrangements are made for storage at off-site commercial facilities.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVES AND CERTIFICATION

- A. Name, address and phone number of the lessee's or operator's field representative who is responsible for assuring compliance with the approved surface use and operations plan.

Gary E. Wurdeman
District Drilling & Production Manager
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Building
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 741-2517 - Residence

Comments regarding the content of this plan or arrangements for an on-site inspection should be directed to:

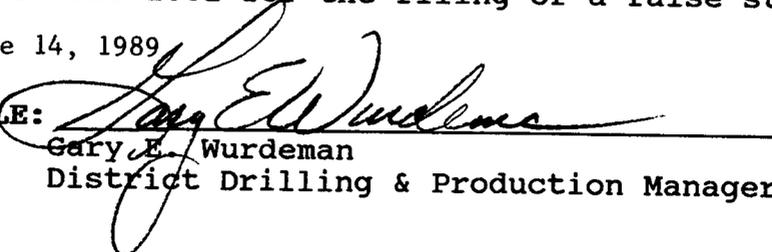
Charles K. Curlee
Environmental Manager
TXO Production Corp.
1660 Lincoln Street
1800 Lincoln Center Bldg.
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 355-3297 - Residence

- B. All operations will be conducted in full compliance with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable NTL's. TXO Production Corp. is fully responsible for the actions of its subcontractors. Copies of the approved permit, including all conditions, will be furnished to TXO's field representative and to the dirt contractor (Surface Use Plan portion only) to insure compliance.
- C. I hereby certify that I, or persons under my direct

supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by TXO Production Corp. 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 USC 1001 for the filing of a false statement.

DATE: June 14, 1989

NAME AND TITLE:


Gary E. Wurdeman
District Drilling & Production Manager

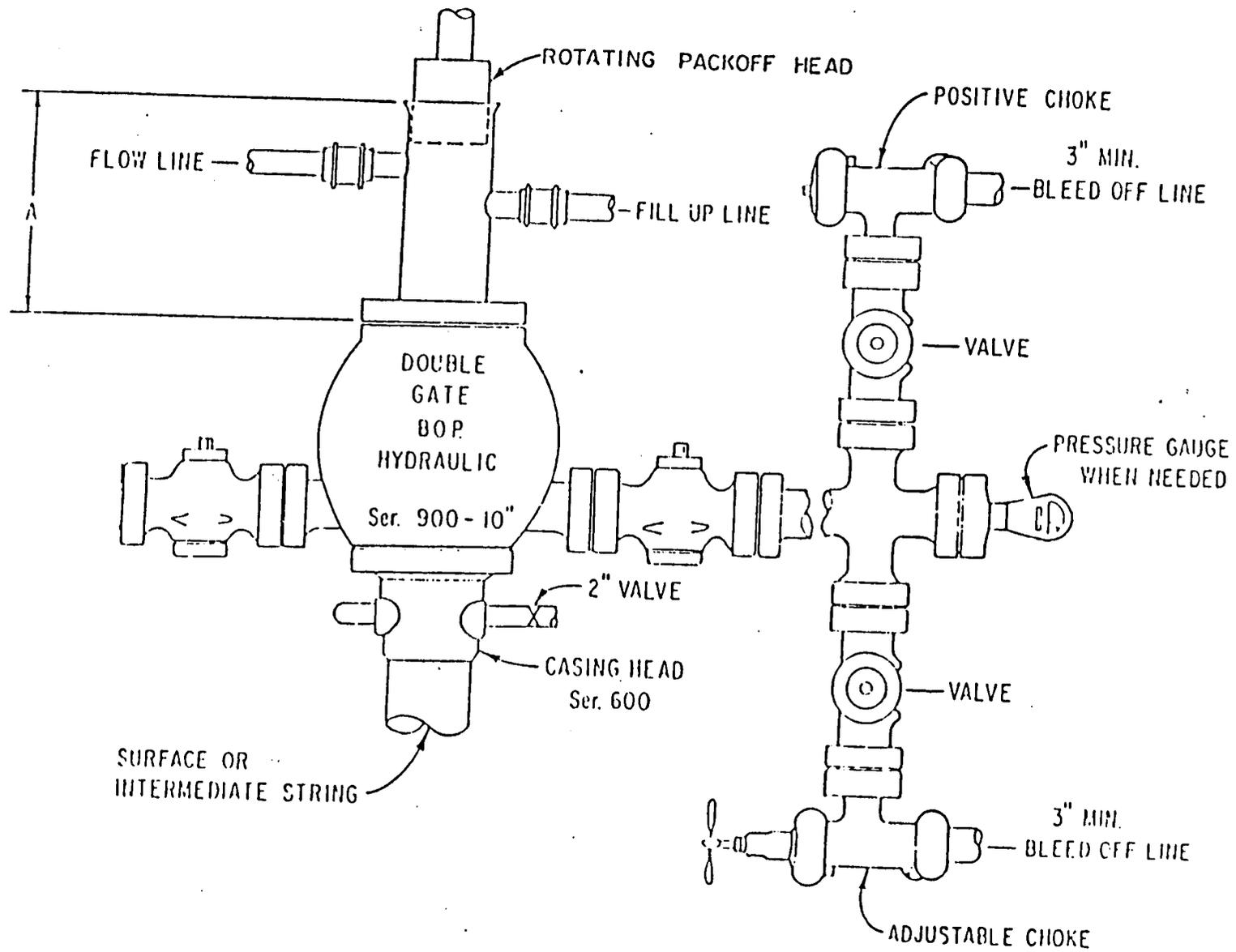


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM
 TXO PRODUCTION CORP.

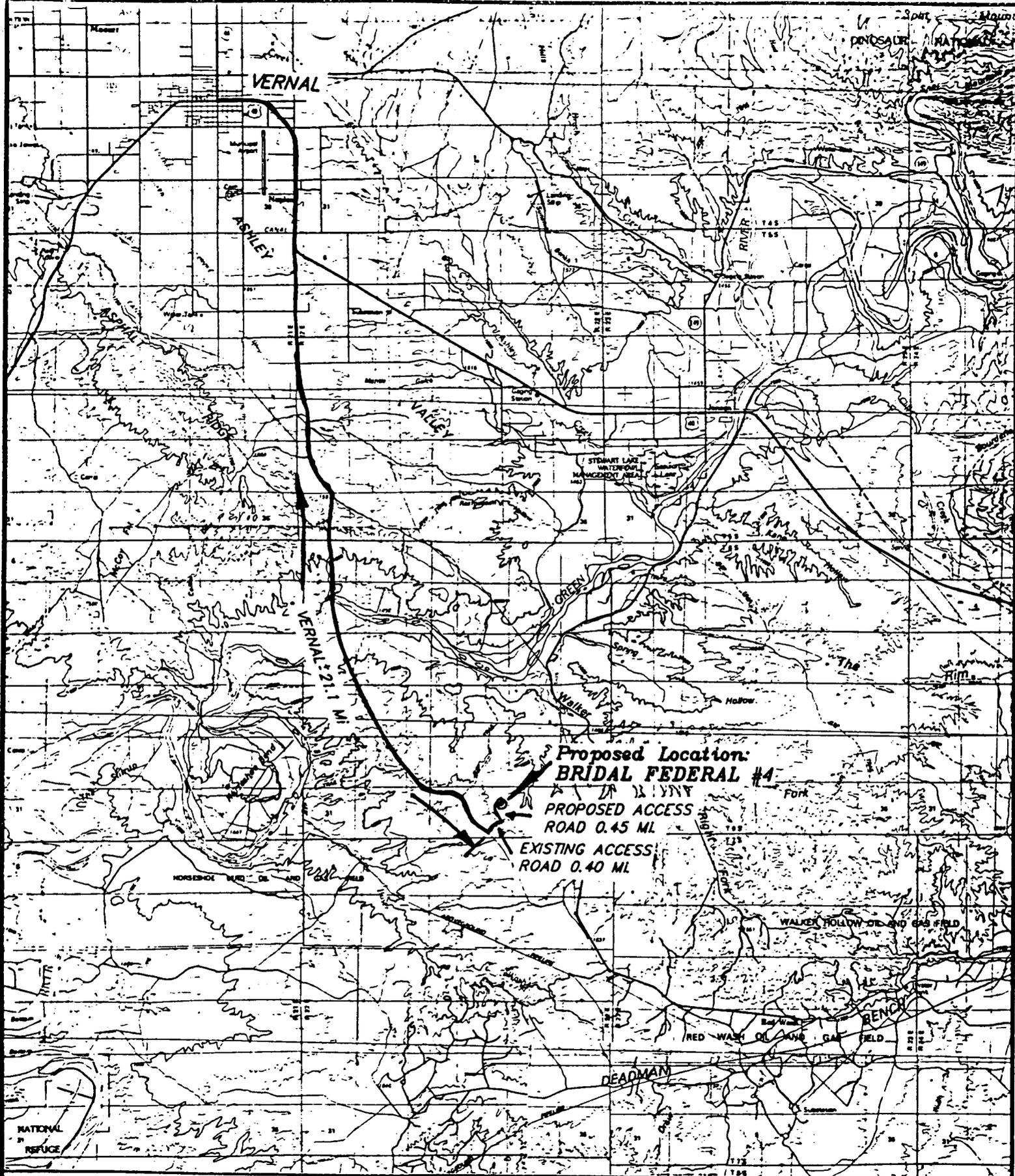


EXHIBIT 2
Access Route to Location



TXO PRODUCTION CORP.
BRIDAL FEDERAL #4
SECTION 34, T6S, R22E S.L.B.&M.

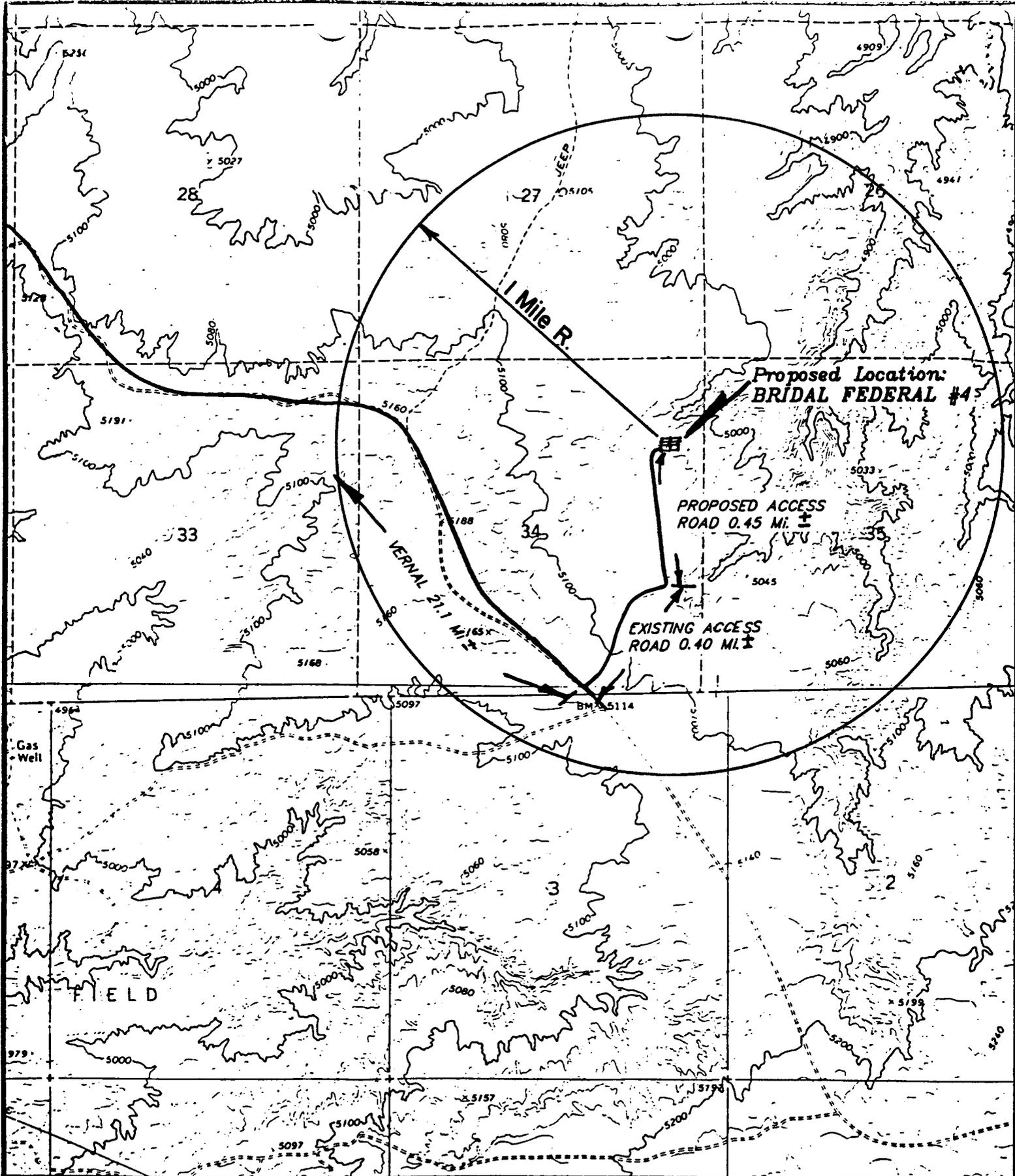


EXHIBIT 3

Existing Roads Within a One Mile Radius

SCALE: 1" = 2000'



TXO PRODUCTION CORP.

BRIDAL FEDERAL #4
SECTION 34, T6S, R22E S.L.B.&M.

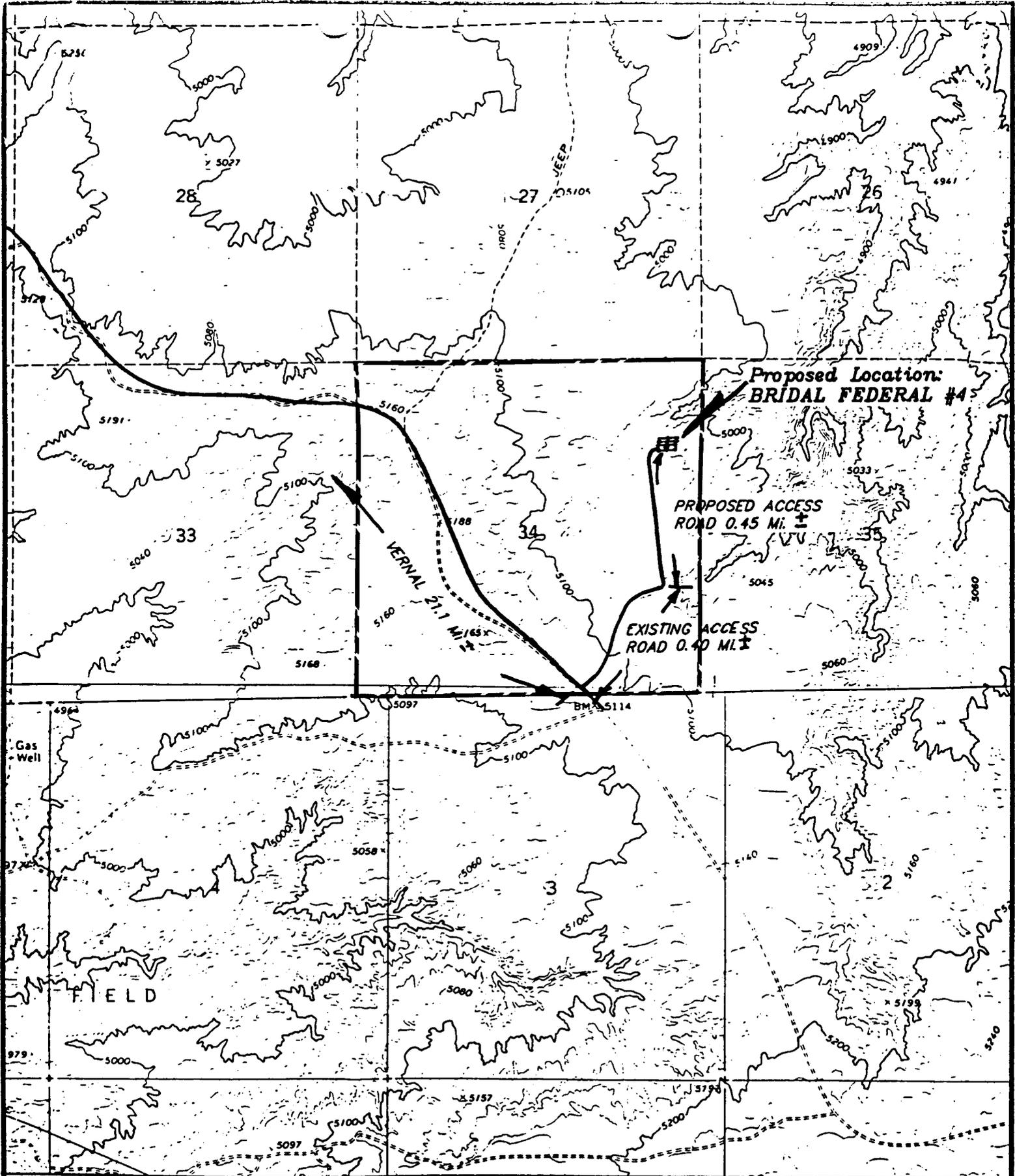


EXHIBIT 4

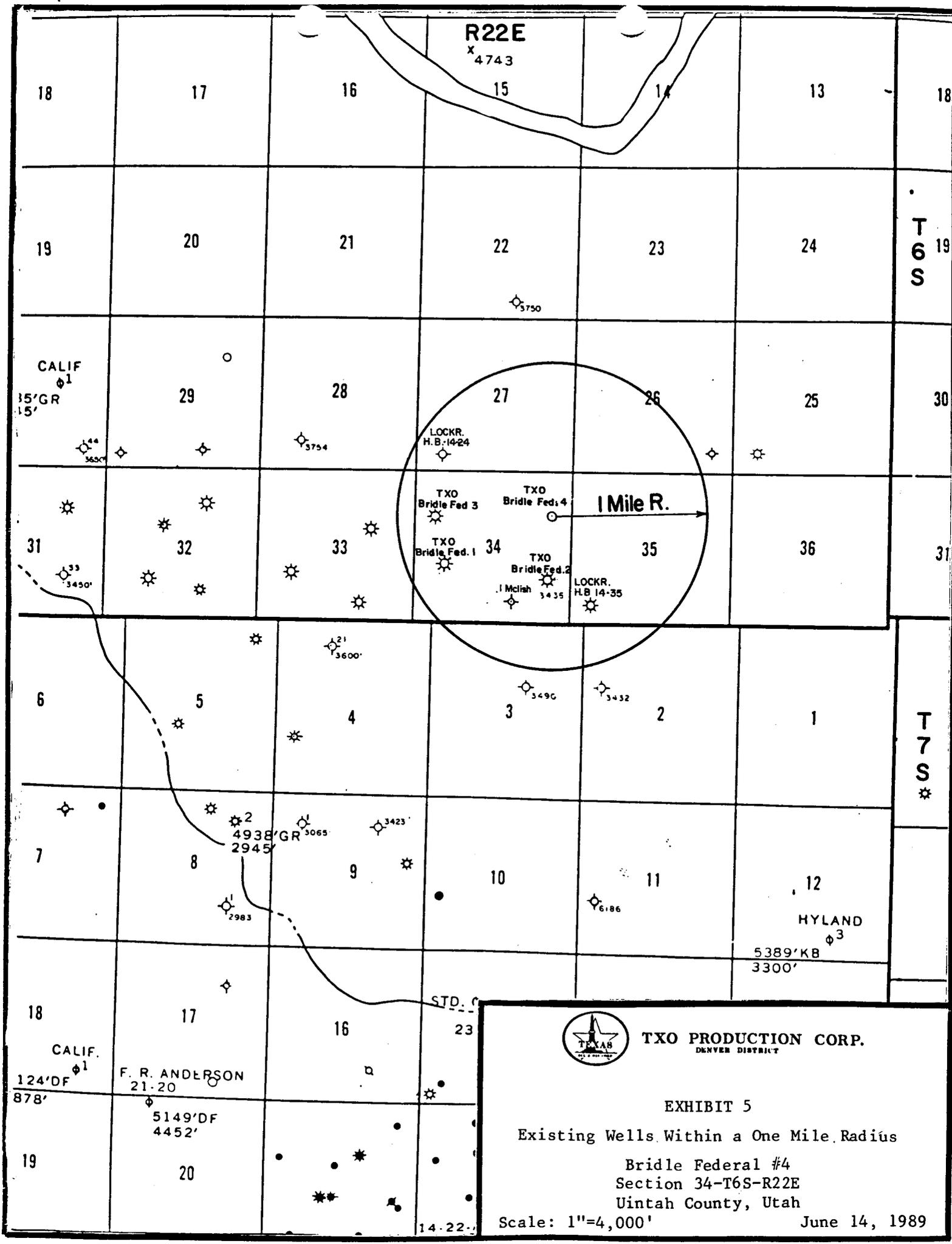
Access Road and Lease Boundary

SCALE: 1" = 2000'



TXO PRODUCTION CORP.

BRIDAL FEDERAL #4
SECTION 34, T6S, R22E S.L.B.&M.



R22E

X 4743

T
6
S

T
7
S

1 Mile R.



TXO PRODUCTION CORP.
DENVER DISTRICT

EXHIBIT 5

Existing Wells Within a One Mile Radius

Bridle Federal #4
Section 34-T6S-R22E
Uintah County, Utah

Scale: 1"=4,000'

June 14, 1989

CALIF
15' GR
15'

HYLAND
5389' KB
3300'

CALIF.
124' DF
878'

F. R. ANDERSON
21-20

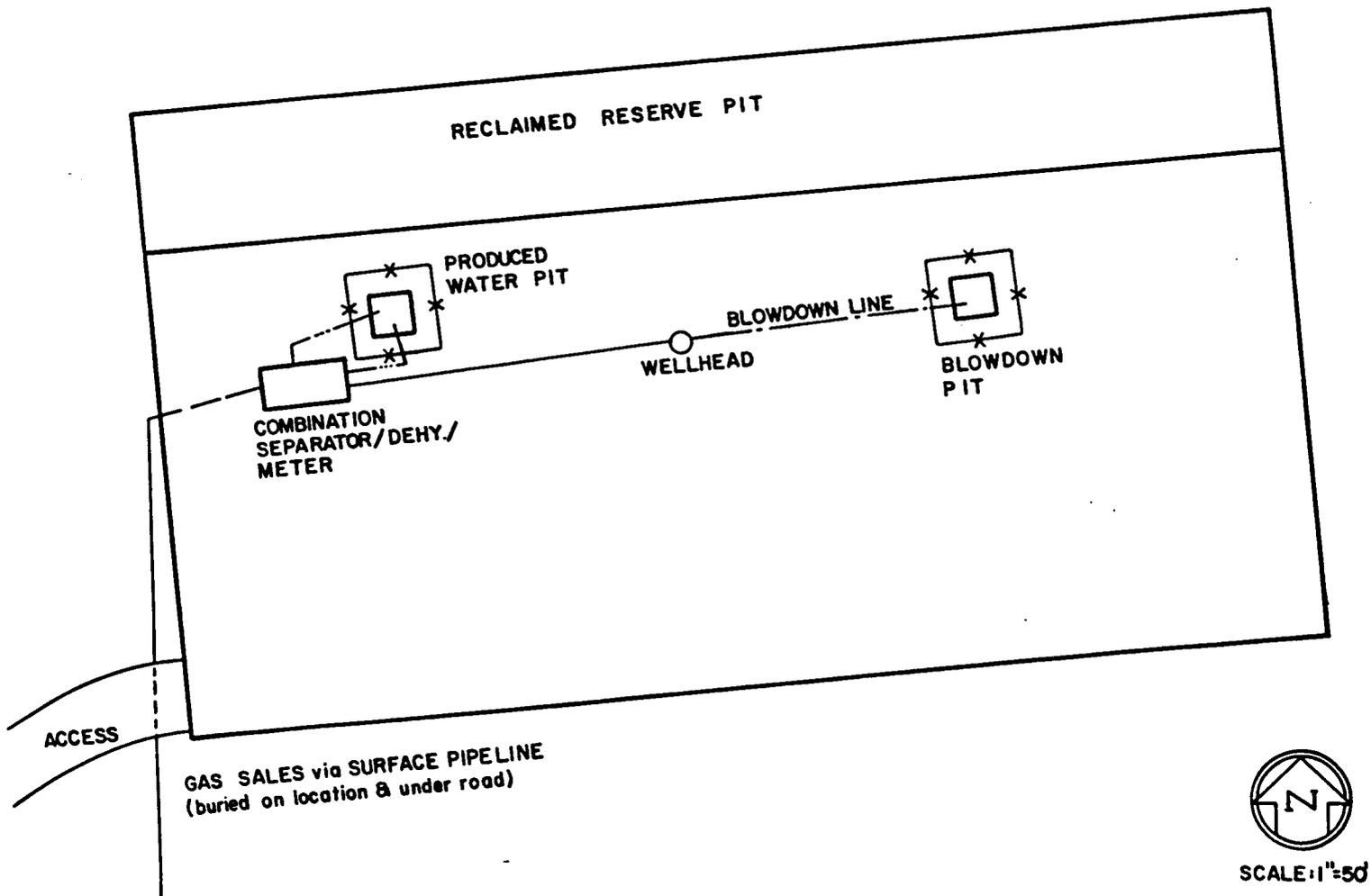
5149' DF
4452'

STD. C

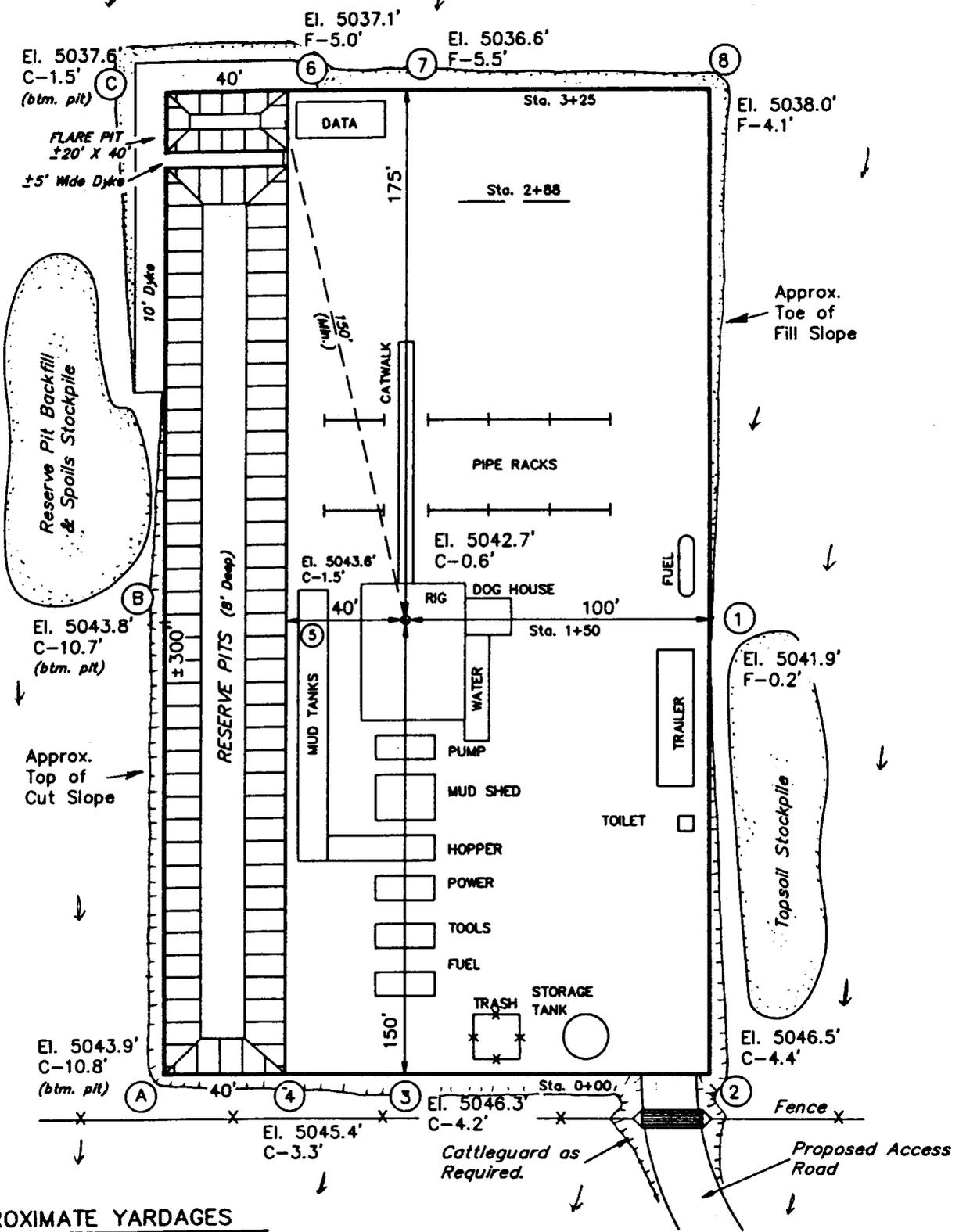
14-22

EXHIBIT 6
PRODUCTION FACILITIES

Bridle Federal #4
Section 34-T6S-R22E
Uintah County, Utah



- 1) Pits will be 10' x 10' x 6' deep and will be surrounded by fence.
- 2) Sacrificial magnesium anodes will be used, if necessary, to control corrosion.
- 3) All pipelines will be coated and wrapped, then buried.
- 4) A surface mounted high/low safety shutdown system will be installed.
- 5) The separator will be an ASME coded vessel.

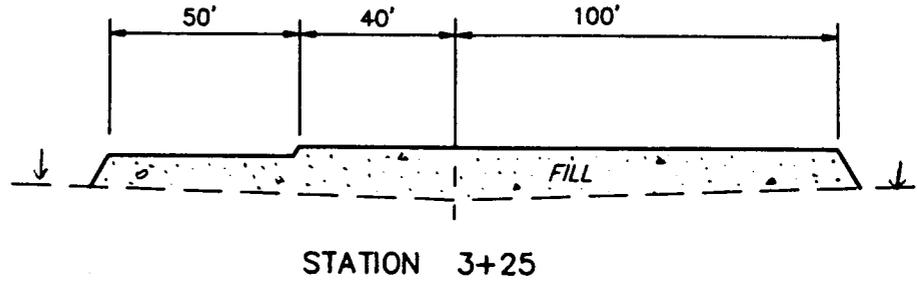
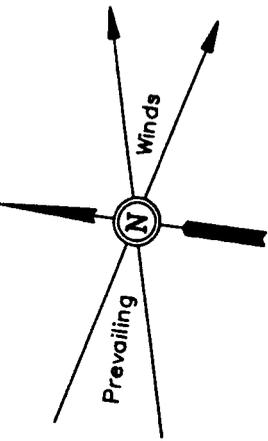


APPROXIMATE YARDAGES

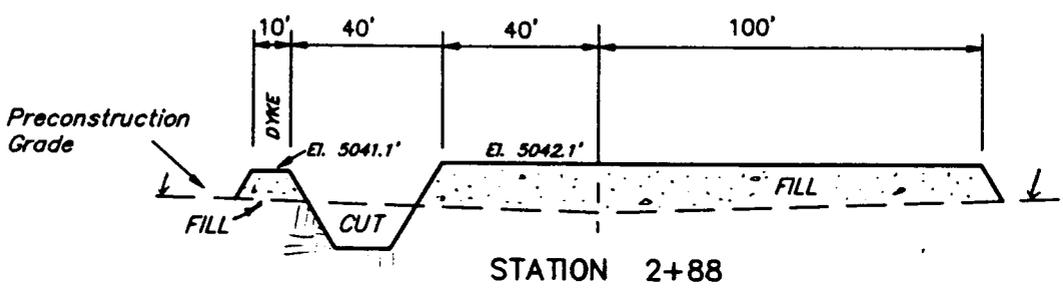
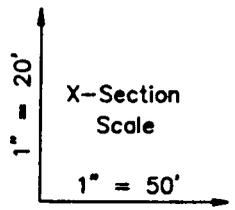
CUT		EXCESS MATERIAL AFTER	
(6") Topsoil Stripping	= 1,083 Cu. Yds.	5% COMPACTION	= 2,393 Cu. Yds.
Pit Volume (Below Grade)	= 2,597 Cu. Yds.	Topsoil & Pit Backfill	= 2,382 Cu. Yds.
Remaining Location	= 1,960 Cu. Yds.	(1/2 Pit Vol.)	
TOTAL CUT	= 5,640 CU.YDS.	EXCESS UNBALANCE	= 11 Cu. Yds.
FILL	= 3,085 CU.YDS.	(After Rehabilitation)	

TXO PRODUCTION CORP.
LOCATION LAYOUT FOR
BRIDLE FEDERAL #4
SECTION 34, T6S, R22E, S.L.B.&M.

EXHIBIT 7

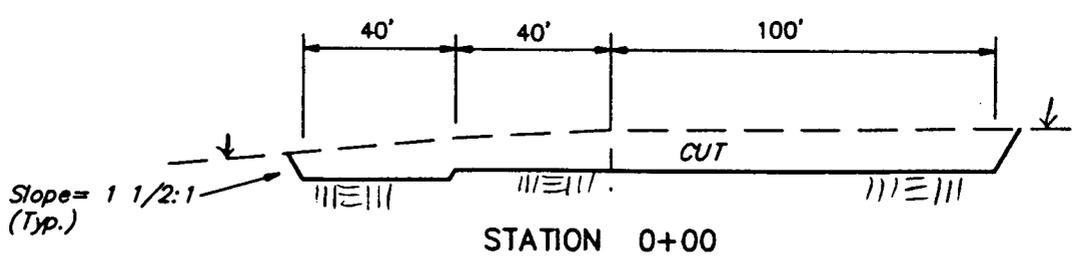
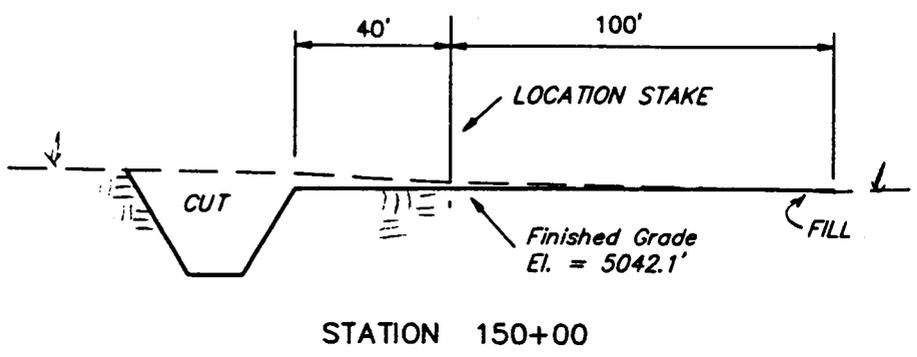


SCALE: 1" = 50'
 DATE: 5-21-89



TYP. LOCATION LAYOUT

TYP. CROSS SECTIONS



CONFIDENTIAL

OPERATOR TXO Prod. Corp. (N1580) DATE 6-26-89
WELL NAME Bridle Federal 4
SEC SENE 34 T 6S R 22E COUNTY Uintah

43-047-31866
API NUMBER

Federal
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Nearest well ok under Cause No. 145-5
Need water permit
Cause No. 145-5 is for production from Uinta formation - see TD.

APPROVAL LETTER:

SPACING: R615-2-3

N/A
UNIT

R615-3-2

145-5 6-20-85
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Water Permit

CONFIDENTIAL
PERIOD
EXPIRES
ON 11-18-90



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

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 29, 1989

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Gentlemen:

Re: Bridle Federal 4 - SE NE Sec. 34, T. 6S, R. 22E - Uintah County, Utah
1400' FNL, 600' FEL

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 145-5 dated June 20, 1985, subject to the following stipulation:

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 within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of 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 43-047-31866.

Sincerely,



R. J. Firth

Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
D. R. Nielson
J. L. Thompson
WE14/1-2

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
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR

TXO Production Corp. Attn: C.K. Curlee

3. ADDRESS OF OPERATOR

1800 Lincoln Center Bldg. Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface
1400' FNL, 600' FEL (SE/NE) Section 34-T6S-R22E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 12 miles south of Vernal, Utah

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

600'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. (Bridle Fed. #2)

approx. 2,290'

19. PROPOSED DEPTH

3550'

20. ROTARY OR CABLE TOOLS

Rotary

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

5043' G.R.

22. APPROX. DATE WORK WILL START*

July 15, 1989

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"	24#	300'	200 sacks (approx.) to surf.
7 7/8"	4 1/2"	10.5#	3550'	250 sacks

All casing will be new K-55.

Anticipated Bottom Hole Pressure = 1500 psi.



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 Gary L. Wurdeman TITLE Dist. Drilling & Prod. Mgr. DATE June 14, 1989

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Shirley E. Fenwick TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE 7/11/89

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company TXO Production Corporation Well No. Bridle Fed. #4
Location SE/NE, Sec. 34 T6S R22E Lease No. U-47866

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

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

A. DRILLING PROGRAM

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

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

All 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.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. and individual components shall be operable as designed.

The Vernal District Office shall be notified, with sufficient lead time, in order to have a BLM representative present while pressure testing.

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.

Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.

Usable water may be encountered at depths of + 50-280 ft., + 500-560 ft., + 725-1155 ft., + 3,067-3,217 ft. and 3,265-3,345 ft. in the Uinta Formation. Therefore, the resources will be isolated and/or protected via the cementing program for the production casing by having a cement top for the production casing.

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL), shall be utilized to determine the top of cement (TOC) for the intermediate and production casing.

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.

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

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

- o 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 five (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.

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

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 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 Orders, 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).

APD approval is valid for a period of one (1) year from the signature date. An additional one (1) year approval period may be granted, if requested, prior to the expiration of the original approval period.

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

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Revised October 1, 1985
Safe drilling and
Date NOS Received

to be filed to
in accordance

and Ad
opera-

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

Company/Operator TXO

Well Name & Number Bridle Federal No. 4

Lease Number U-47866

Location SE 1/4 NE 1/4 Sec. 34 T. 6 S R. 23 E

Surface Ownership BLM

B. THIRTEEN POINT SURFACE USE PROGRAM:

Revised October 1977

Multipoint Requirements to Accompany APD

1. 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:

If the well becomes a producing well the road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. 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.

RECEIVED
JUL 03 1989
JUL 2 1989

APPLICATION TO APPROPRIATE WATER RIGHTS
STATE OF UTAH

45-5369
76-1061

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

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

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is TXO Production Corp. Attn: C.K. Curlee

3. The Post Office address of the applicant is 1800 Lincoln Center Bldg. Denver, CO 80264

4. The quantity of water to be appropriated _____ second-feet and/or 10 acre-feet

5. The water is to be used for drilling from 7-5-89 to 7-5-90
(Major Purpose) (Month) (Day) (Month) (Day)

other use period _____ from _____ to _____
(Minor Purpose) (Month) (Day) (Month) (Day)

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

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

7. The direct source of supply is* Green River
(Name of stream or other source)

which is tributary to Colorado River, tributary to _____

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

8. The point of diversion from the source is in Uintah County, situated at a point*
2050' FNL, 2000' FWL Section 7-T6S-R22E

52050 FT + E 2000 FT FROM NW COR SEC 7, T6S, R22E, SUB#M.

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

9. The diverting and carrying works will consist of N/A

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

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
N/A

_____ Total _____ Acres

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

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

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

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

16. If application is for stockwatering purposes, number and kind of stock watered N/A

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

18. If application is for municipal purposes, name of municipality N/A

19. If application is for other uses, include general description of proposed uses for drilling a gas well (Bridle Federal #4)

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. SE/NE 34-6S-22E

21. The use of water as set forth in this application will consume 10 second-feet and/or acre-
feet of water and none second feet and/ or acre feet will be returned to the natural
stream or source at a point described as follows: _____

EXPLANATORY

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

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

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

Charles K. Curlee

C.K. Curlee Signature of Applicant*
Environmental Manager

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

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of..... } ss

On the day of, 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

STATE ENGINEER'S ENDORSEMENT

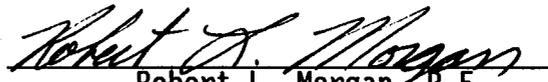
WATER RIGHT NUMBER: 45 - 5369

APPLICATION NO. T64061

1. July 3, 1989 Application received.
 2. July 20, 1989 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated July 25, 1989, subject to prior rights and this application will expire on July 25, 1990.


Robert L. Morgan, P.E.
State Engineer

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-047-31866

NAME OF COMPANY: TXO PRODUCTION CORPORATION

WELL NAME: BRIDLE FEDERAL 4

SECTION SENE 34 TOWNSHIP 6S RANGE 22E COUNTY UINTAH

DRILLING CONTRACTOR SST ENERGY

RIG # 3

SPUDED: DATE 7-29-89

TIME 2:00 PM

HOW ROTARY

CONFIDENTIAL

DRILLING WILL COMMENCE 7-29-89

REPORTED BY CORY WEST

TELEPHONE # 303-861-4246

DATE 7-31-89

SIGNED LCR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP STATE
(Other Instruction
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
Use "APPLICATION FOR PERMIT"

RECEIVED
AUG 03 1989

1. OIL WELL Gas WELL OTHER

2. NAME OF OPERATOR
TXO Production Corp.

3. ADDRESS OF OPERATOR
1660 Lincoln St., Suite 1800, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1400' FNL and 600' FEL

14. PERMIT NO. 43-047-31866

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5043' GR

5. LEASE DESIGNATION AND SERIAL NO.
U-47866

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bridle Federal

9. WELL NO.
#4

10. FIELD AND POOL, OR WILDCAT
Horseshoe Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 34-T6S-R22E

12. COUNTY OR PARISH 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Spud</u>	

(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.)

TXO Production Corp. spudded the Bridle Federal #4, located 1400' FNL & 600' FEL of Section 34-T6S-R22E in Uintah County, Utah, at 2:00 p.m. on Saturday 7-29-89. 12 1/4" hole was drilled to 344'. 331' of 8 5/8" K-55, 24# surface casing was set at 330' & cmt'd w/ 125 sxs 50/50 poz followed by 75 sxs Class "G". Plug was down at 7:00 a.m. 7-30-89. Cement did circulate. Verbal notification was made over the telephone to Ed with the BLM at 9:20 a.m. 7-31-89 and Leisha Romero with the State of Utah at 9:25 a.m. the same morning.

CONFIDENTIAL

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

SIGNED Wilfred Cory West TITLE Petroleum Engineer DATE 7-31-89
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED
AUG 10 1989

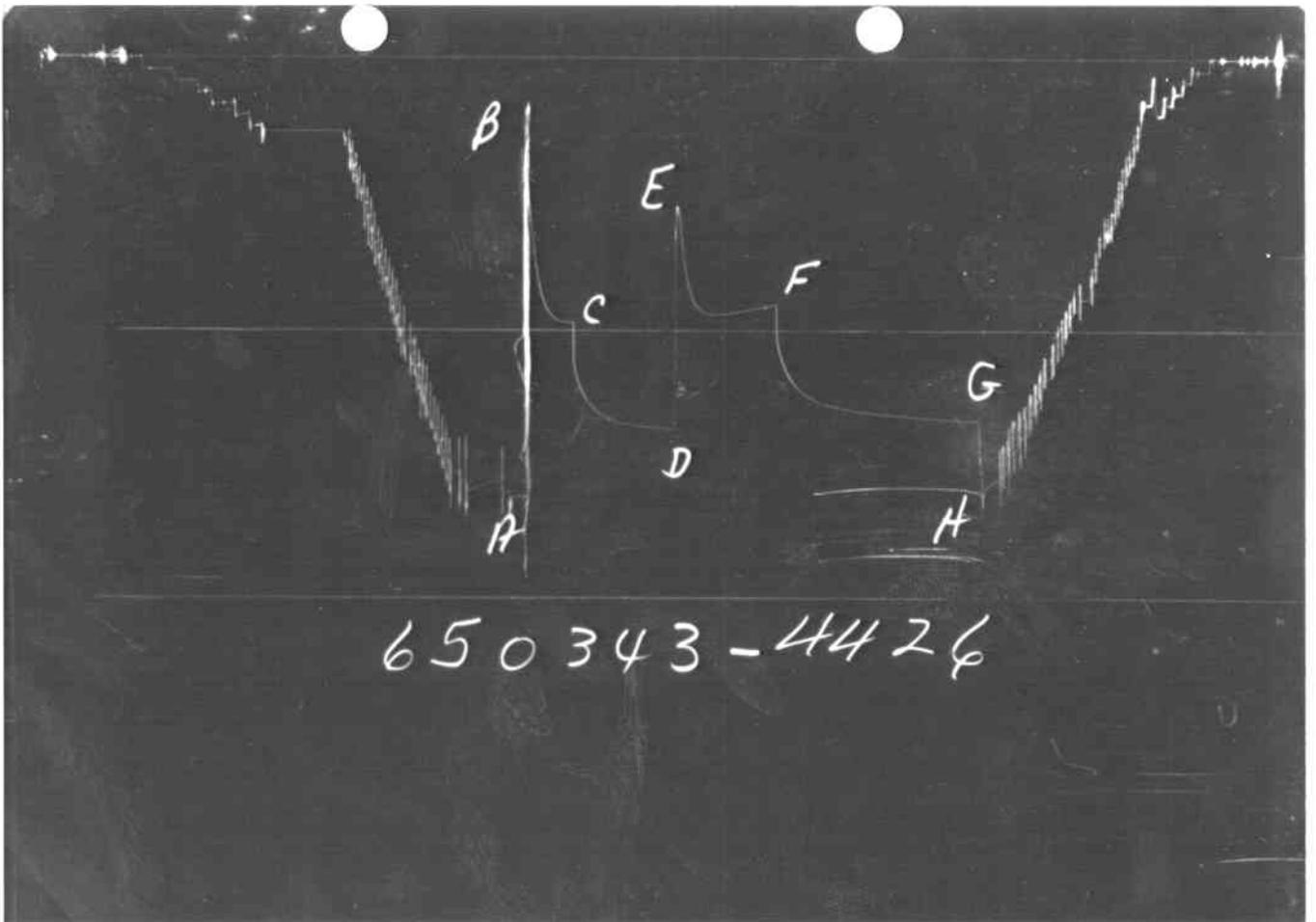
DIVISION OF
OIL, GAS & MINING

TXO PRODUCTION CORPORATION
LEASE : BRIDLE FEDERAL
WELL NO. : 4
TEST NO. : 1

TICKET NO. 65034300
07-AUG-89
VERNAL

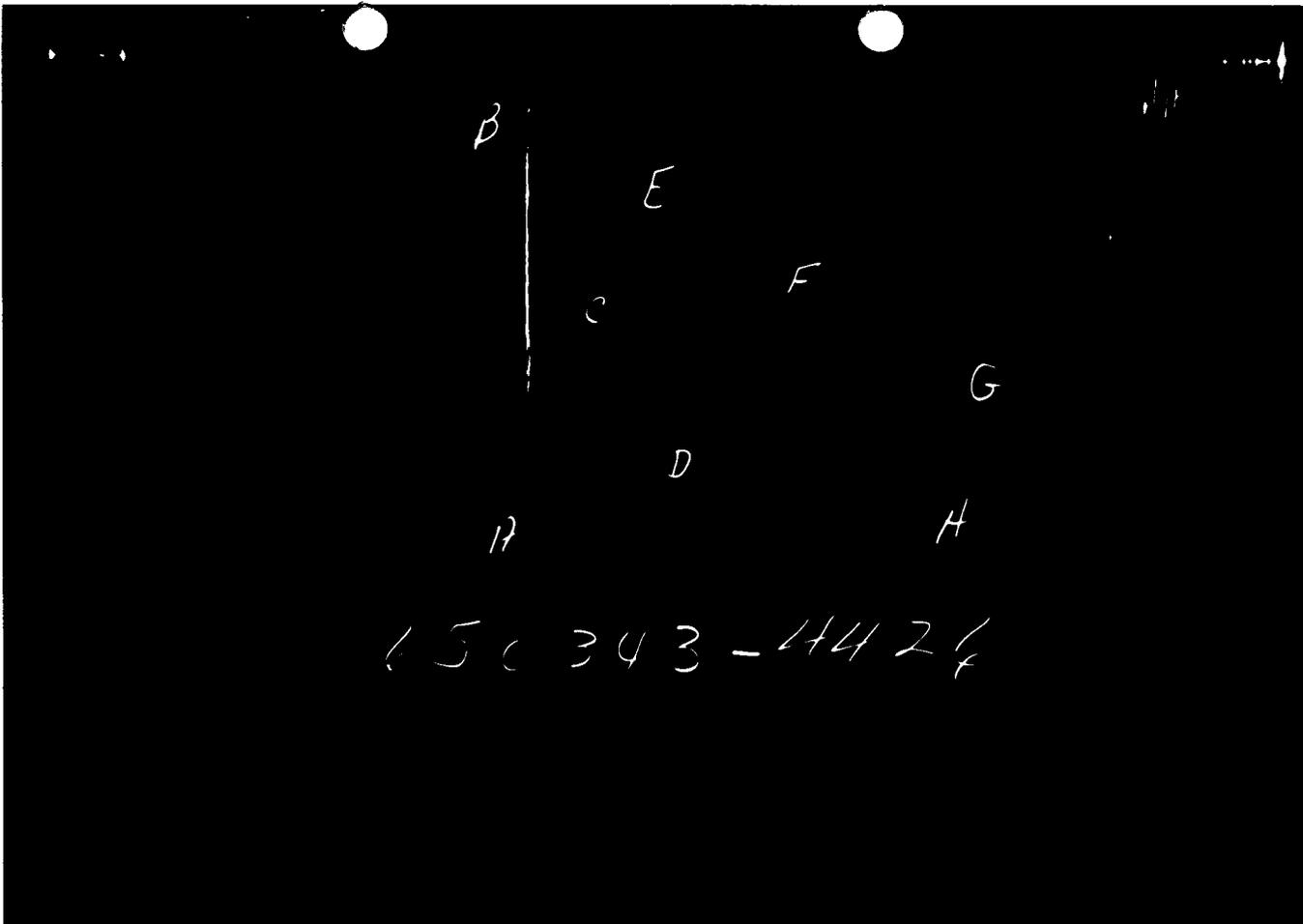
CONFIDENTIAL

BRIDLE FEDERAL
LEASE NAME
WELL NO. 4
TEST NO. 1
3301.0 - 3357.0
TESTED INTERVAL
TXO PRODUCTION CORPORATION
LEASE OWNER/COMPANY NAME
LEGAL LOCATION
SEC. - TWP. - RANG.
HPI # 43-047-31866
34-68-22E
FIELD AREA
HORSESHOE BEND
COUNTY
UNITID
STATE
UTR DR



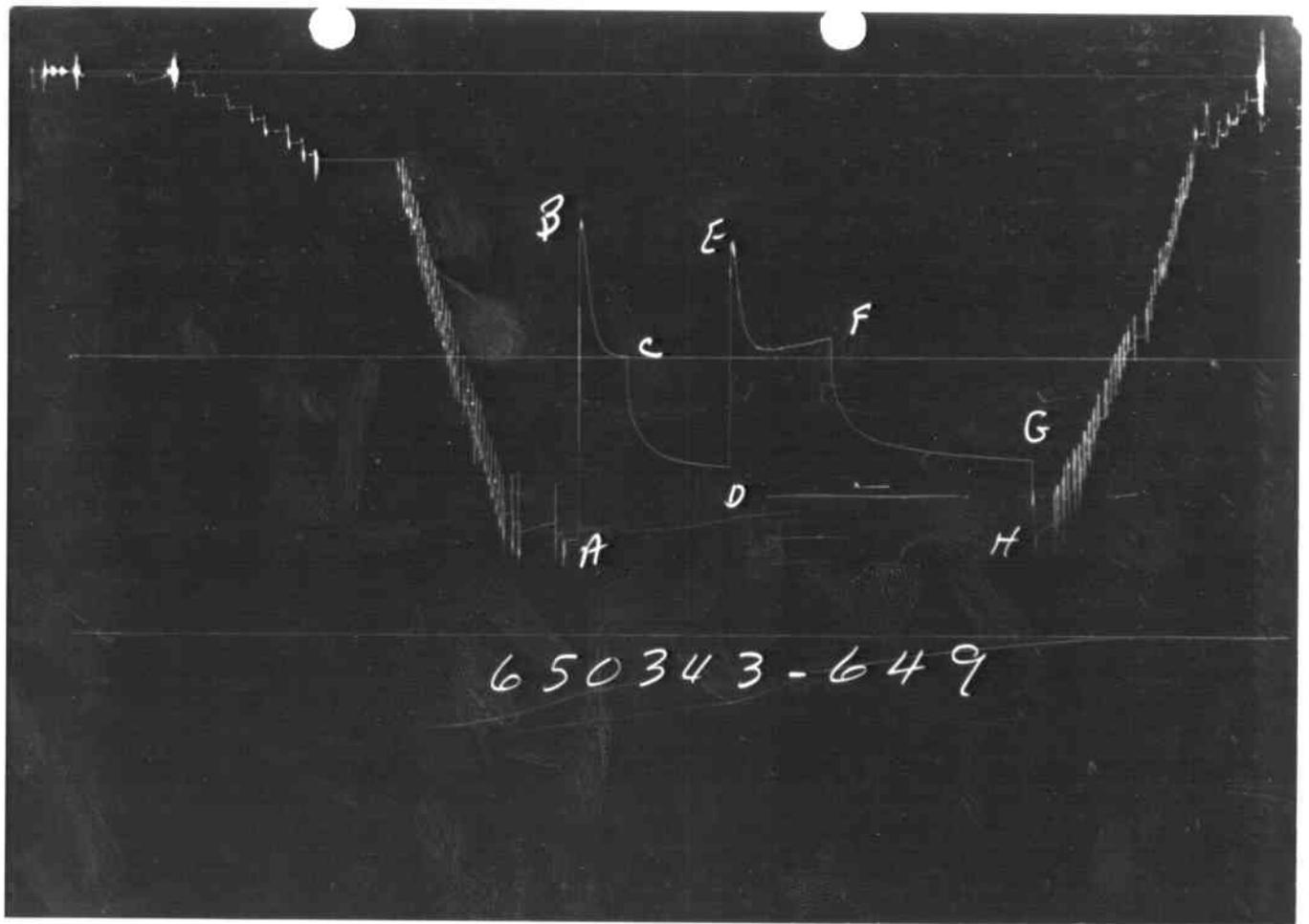
GAUGE NO : 4426 DEPTH : 3277.0 BLANKED OFF : NO HOUR OF CLOCK : 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1601	1622.0			
B	INITIAL FIRST FLOW	169	191.1			
C	FINAL FIRST FLOW	977	973.3	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	977	973.3			
D	FINAL FIRST CLOSED-IN	1368	1370.4	60.0	61.0	C
E	INITIAL SECOND FLOW	533	540.4			
F	FINAL SECOND FLOW	903	905.3	60.0	60.4	F
F	INITIAL SECOND CLOSED-IN	903	905.3			
G	FINAL SECOND CLOSED-IN	1340	1338.7	120.0	120.2	C
H	FINAL HYDROSTATIC	1601	1563.2			



GAUGE NO: 4426 DEPTH: 3277.0 BLANKED OFF: NO HOUR OF CLOCK: 12

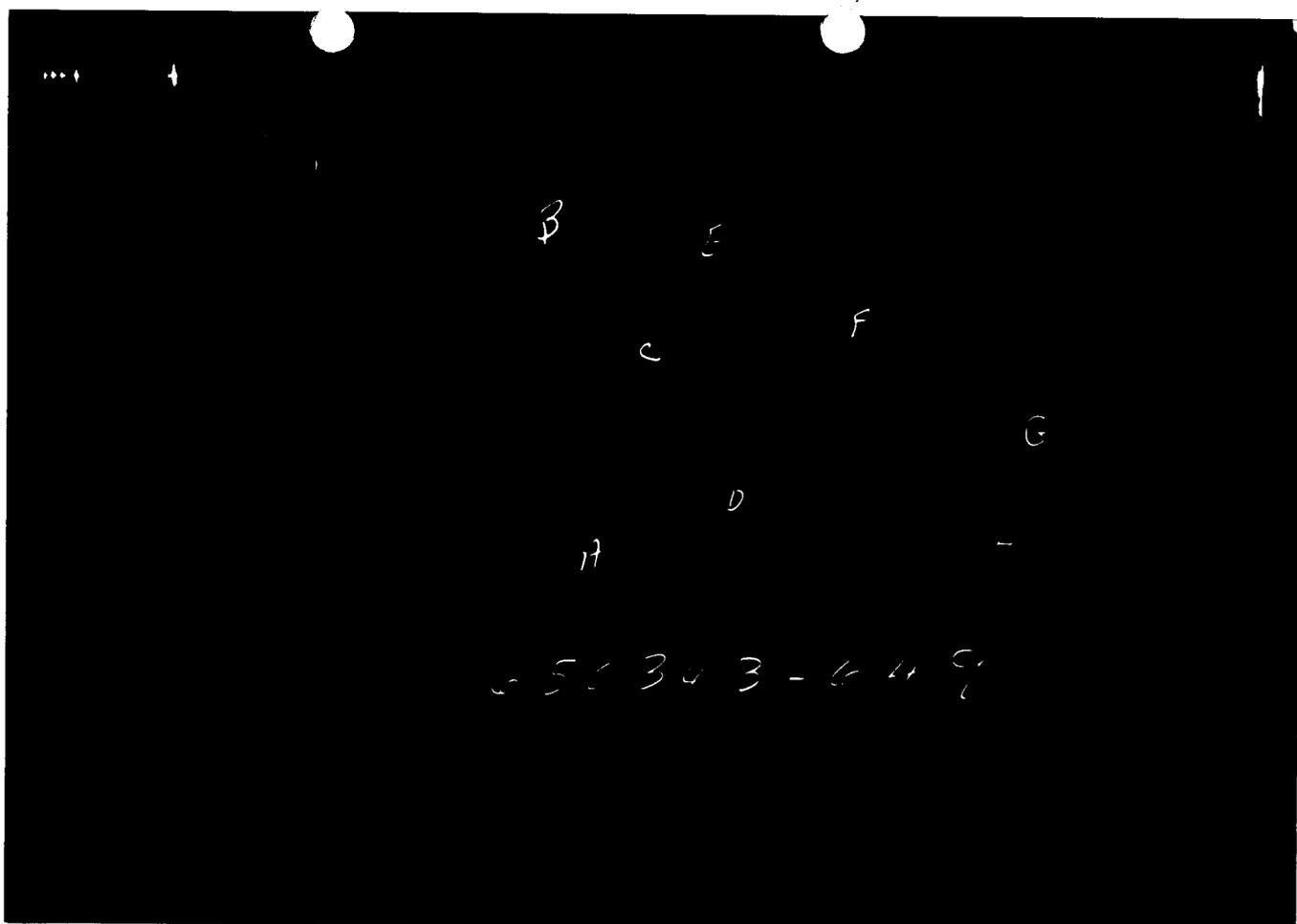
ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1601	1622.0			
B	INITIAL FIRST FLOW	169	191.1			
C	FINAL FIRST FLOW	977	973.3	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	977	973.3			
D	FINAL FIRST CLOSED-IN	1368	1370.4	60.0	61.0	C
E	INITIAL SECOND FLOW	533	540.4			
F	FINAL SECOND FLOW	903	905.3	60.0	60.4	F
F	INITIAL SECOND CLOSED-IN	903	905.3			
G	FINAL SECOND CLOSED-IN	1340	1338.7	120.0	120.2	C
H	FINAL HYDROSTATIC	1601	1563.2			



650343-649

GAUGE NO : 649 DEPTH : 3354.0 BLANKED OFF : YES HOUR OF CLOCK : 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1647	1655.1			
B	INITIAL FIRST FLOW	514	508.0			
C	FINAL FIRST FLOW	990	996.5	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	990	996.5			
D	FINAL FIRST CLOSED-IN	1380	1390.9	60.0	61.0	C
E	INITIAL SECOND FLOW	585	589.4			
F	FINAL SECOND FLOW	937	930.6	60.0	60.4	F
F	INITIAL SECOND CLOSED-IN	937	930.6			
G	FINAL SECOND CLOSED-IN	1362	1364.8	120.0	120.2	C
H	FINAL HYDROSTATIC	1647	1597.9			



GAUGE NO: 649 DEPTH: 3354.0 BLANKED OFF: YES HOUR OF CLOCK: 12

ID	DESCRIPTION	PRESSURE		TIME		TYPE
		REPORTED	CALCULATED	REPORTED	CALCULATED	
A	INITIAL HYDROSTATIC	1647	1655.1			
B	INITIAL FIRST FLOW	514	508.0			
C	FINAL FIRST FLOW	990	996.5	30.0	28.5	F
C	INITIAL FIRST CLOSED-IN	990	996.5			
D	FINAL FIRST CLOSED-IN	1380	1390.9	60.0	61.0	C
E	INITIAL SECOND FLOW	585	589.4			
F	FINAL SECOND FLOW	937	930.6	60.0	60.4	F
F	INITIAL SECOND CLOSED-IN	937	930.6			
G	FINAL SECOND CLOSED-IN	1362	1364.8	120.0	120.2	C
H	FINAL HYDROSTATIC	1647	1597.9			

EQUIPMENT & HOLE DATA

FORMATION TESTED: UINTAH SAND
 NET PAY (ft): 16.0
 GROSS TESTED FOOTAGE: 56.0
 ALL DEPTHS MEASURED FROM: KELLY BUSHING
 CASING PERFS. (ft): _____
 HOLE OR CASING SIZE (in): 7.875
 ELEVATION (ft): 5043.0 GROUND LEVEL
 TOTAL DEPTH (ft): 3357.0
 PACKER DEPTH(S) (ft): 3294, 3301
 FINAL SURFACE CHOKE (in): 0.25000
 BOTTOM HOLE CHOKE (in): 0.750
 MUD WEIGHT (lb/gal): 9.30 +
 MUD VISCOSITY (sec): 74
 ESTIMATED HOLE TEMP. (°F): _____
 ACTUAL HOLE TEMP. (°F): 97 @ 3353.0 ft

TICKET NUMBER: 65034300
 DATE: 8-4-89 TEST NO: 1
 TYPE DST: OPEN HOLE
 FIELD CAMP: VERNAL
 TESTER: RANDY RIPPLE
 WITNESS: DAVID CRAIG
 DRILLING CONTRACTOR: SST ENERGY #3

FLUID PROPERTIES FOR RECOVERED MUD & WATER

SOURCE	RESISTIVITY	CHLORIDES
<u>MUD PIT</u>	<u>4.400 @ 68 °F</u>	<u>787 ppm</u>
<u>TOP OF COLLAR</u>	<u>2.200 @ 68 °F</u>	<u>1666 ppm</u>
<u>BOTTOM OF COLLAR</u>	<u>1.700 @ 68 °F</u>	<u>2303 ppm</u>
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm
_____	_____ @ _____ °F	_____ ppm

SAMPLER DATA

Psig AT SURFACE: 1100.0
 cu.ft. OF GAS: 7.200
 cc OF OIL: _____
 cc OF WATER: 25.0
 cc OF MUD: _____
 TOTAL LIQUID cc: 25.0

HYDROCARBON PROPERTIES

OIL GRAVITY (°API): _____ @ _____ °F
 GAS/OIL RATIO (cu.ft. per bbl): _____
 GAS GRAVITY: _____

CUSHION DATA

TYPE	AMOUNT	WEIGHT
_____	_____	_____
_____	_____	_____

RECOVERED :
 104' OF WATER CUT MUD

MEASURED FROM TESTER VALVE

REMARKS :
 REPORTED SAMPLE PSI SHOULD BE CONSIDERED QUESTIONABLE -- APPEARS TO HAVE TRAPPED A PORTION OF THE FINAL CIP.

TICKET NO: 65034300

CLOCK NO: 4203 HOUR: 12

GAUGE NO: 4426

DEPTH: 3277.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
FIRST FLOW					
B 1	0.0	191.1			
2	2.0	496.9	305.8		
3	4.0	625.4	128.5		
4	6.0	745.0	119.7		
5	8.0	827.1	82.0		
6	10.0	879.4	52.3		
7	12.0	914.0	34.6		
8	14.0	936.6	22.7		
9	16.0	951.8	15.2		
10	18.0	961.6	9.8		
11	20.0	968.1	6.5		
12	22.0	971.2	3.1		
13	24.0	972.6	1.4		
14	26.0	973.3	0.6		
15	28.0	973.7	0.5		
C 16	28.5	973.3	-0.5		
FIRST CLOSED-IN					
C 1	0.0	973.3			
2	1.0	1150.6	177.4	0.9	1.482
3	2.0	1179.7	206.4	1.9	1.186
4	3.0	1198.1	224.8	2.7	1.025
5	4.0	1214.6	241.3	3.5	0.909
6	5.0	1229.5	256.2	4.3	0.826
7	6.0	1241.8	268.5	5.0	0.757
8	7.0	1253.4	280.1	5.6	0.702
9	8.0	1262.1	288.8	6.2	0.659
10	9.0	1271.2	297.9	6.8	0.619
11	10.0	1278.8	305.5	7.4	0.586
12	12.0	1292.4	319.2	8.5	0.528
13	14.0	1303.6	330.4	9.4	0.482
14	16.0	1313.0	339.8	10.2	0.444
15	18.0	1321.5	348.2	11.0	0.411
16	20.0	1328.8	355.5	11.8	0.384
17	22.0	1334.9	361.7	12.4	0.360
18	24.0	1338.8	365.6	13.0	0.340
19	26.0	1342.8	369.5	13.6	0.321
20	28.0	1346.6	373.3	14.1	0.305
21	30.0	1349.7	376.5	14.6	0.290
22	35.0	1355.9	382.6	15.7	0.259
23	40.0	1360.1	386.8	16.6	0.233
24	45.0	1364.4	391.1	17.4	0.213
25	50.0	1367.1	393.8	18.1	0.196
26	55.0	1369.3	396.0	18.8	0.181
27	60.0	1370.8	397.5	19.3	0.169
D 28	61.0	1370.4	397.2	19.4	0.166

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
SECOND FLOW					
E 1	0.0	540.4			
2	3.0	617.5	77.1		
3	6.0	782.1	164.6		
4	9.0	868.9	86.7		
5	12.0	907.5	38.6		
6	15.0	927.8	20.4		
7	18.0	937.6	9.7		
8	21.0	941.5	4.0		
9	24.0	942.7	1.1		
10	27.0	942.7	0.0		
11	30.0	940.8	-1.9		
12	33.0	938.2	-2.6		
13	36.0	934.8	-3.4		
14	39.0	930.8	-4.0		
15	42.0	927.8	-3.0		
16	45.0	924.6	-3.2		
17	48.0	920.5	-4.1		
18	51.0	916.7	-3.8		
19	54.0	913.7	-3.0		
20	57.0	909.7	-4.0		
F 21	60.4	905.3	-4.4		
SECOND CLOSED-IN					
F 1	0.0	905.3			
2	1.0	1063.9	158.6	1.0	1.946
3	2.0	1091.5	186.2	2.0	1.653
4	3.0	1112.4	207.1	2.9	1.485
5	4.0	1128.0	222.7	3.9	1.363
6	5.0	1143.4	238.1	4.7	1.274
7	6.0	1155.3	250.0	5.6	1.201
8	7.0	1168.5	263.2	6.5	1.135
9	8.0	1179.6	274.3	7.3	1.083
10	9.0	1188.3	283.0	8.1	1.038
11	10.0	1196.5	291.2	9.0	0.995
12	12.0	1213.0	307.7	10.6	0.925
13	14.0	1225.3	320.0	12.1	0.866
14	16.0	1235.6	330.3	13.6	0.816
15	18.0	1243.9	338.6	15.0	0.773
16	20.0	1251.9	346.6	16.3	0.735
17	22.0	1258.5	353.2	17.6	0.703
18	24.0	1264.9	359.6	18.9	0.673
19	26.0	1269.4	364.1	20.1	0.645
20	28.0	1274.7	369.4	21.3	0.621
21	30.0	1279.0	373.7	22.4	0.598
22	35.0	1287.2	381.9	25.1	0.549
23	40.0	1293.8	388.5	27.6	0.508
24	45.0	1299.6	394.3	29.9	0.474
25	50.0	1304.6	399.3	32.0	0.444
26	55.0	1308.9	403.6	34.0	0.418
27	60.0	1312.9	407.6	35.8	0.395

REMARKS:

TICKET NO: 65034300
 CLOCK NO: 4203 HOUR: 12

GAUGE NO: 4426
 DEPTH: 3277.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
SECOND CLOSED-IN - CONTINUED					
28	70.0	1317.9	412.6	39.2	0.356
29	80.0	1324.2	418.9	42.1	0.324
30	90.0	1329.0	423.7	44.7	0.298
31	100.0	1334.1	428.8	47.0	0.276
32	110.0	1337.8	432.5	49.2	0.257
G 33	120.2	1338.7	433.4	51.1	0.240

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$

REMARKS:

TICKET NO: 65034300

CLOCK NO: 2797 HOUR: 12

GAUGE NO: 649

DEPTH: 3354.0

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
FIRST FLOW					
B	1	0.0	508.0		
	2	2.0	536.8	28.8	
	3	4.0	658.8	122.0	
	4	6.0	772.2	113.4	
	5	8.0	854.6	82.4	
	6	10.0	908.2	53.7	
	7	12.0	941.3	33.0	
	8	14.0	962.9	21.6	
	9	16.0	976.7	13.9	
	10	18.0	985.9	9.2	
	11	20.0	991.2	5.3	
	12	22.0	994.7	3.4	
	13	24.0	996.8	2.1	
	14	26.0	996.8	0.0	
	15	28.0	996.8	0.0	
C	16	28.5	996.5	-0.3	
FIRST CLOSED-IN					
C	1	0.0	996.5		
	2	1.0	1173.0	176.4	0.9 1.488
	3	2.0	1199.5	202.9	1.9 1.182
	4	3.0	1219.7	223.1	2.7 1.016
	5	4.0	1234.5	238.0	3.5 0.909
	6	5.0	1248.3	251.7	4.3 0.824
	7	6.0	1258.9	262.4	4.9 0.760
	8	7.0	1269.5	273.0	5.6 0.706
	9	8.0	1279.4	282.8	6.2 0.660
	10	9.0	1288.3	291.8	6.8 0.619
	11	10.0	1296.4	299.8	7.4 0.585
	12	12.0	1310.6	314.1	8.4 0.528
	13	14.0	1322.2	325.7	9.4 0.483
	14	16.0	1332.5	336.0	10.3 0.443
	15	18.0	1340.2	343.7	11.0 0.412
	16	20.0	1346.1	349.5	11.7 0.385
	17	22.0	1353.1	356.6	12.4 0.361
	18	24.0	1358.4	361.9	13.0 0.340
	19	26.0	1362.3	365.8	13.6 0.321
	20	28.0	1366.1	369.6	14.1 0.305
	21	30.0	1369.4	372.8	14.6 0.290
	22	35.0	1376.1	379.6	15.7 0.259
	23	40.0	1380.8	384.3	16.6 0.234
	24	45.0	1384.2	387.7	17.4 0.213
	25	50.0	1386.9	390.4	18.1 0.196
	26	55.0	1389.5	392.9	18.8 0.181
	27	60.0	1391.1	394.5	19.3 0.169
D	28	61.0	1390.9	394.4	19.4 0.165

REF	MINUTES	PRESSURE	AP	$\frac{t \times \Delta t}{t + \Delta t}$	$\log \frac{t + \Delta t}{\Delta t}$
SECOND FLOW					
E	1	0.0	589.4		
	2	3.0	634.7	45.3	
	3	6.0	810.1	175.4	
	4	9.0	888.9	78.8	
	5	12.0	935.2	46.3	
	6	15.0	957.8	22.6	
	7	18.0	966.1	8.3	
	8	21.0	969.1	3.0	
	9	24.0	969.6	0.5	
	10	27.0	969.6	0.0	
	11	30.0	967.1	-2.6	
	12	33.0	962.6	-4.4	
	13	36.0	960.0	-2.7	
	14	39.0	959.1	-0.9	
	15	42.0	953.1	-6.0	
	16	45.0	949.5	-3.6	
	17	48.0	947.2	-2.3	
	18	51.0	941.9	-5.3	
	19	54.0	937.1	-4.8	
	20	57.0	933.6	-3.5	
F	21	60.4	930.6	-3.0	
SECOND CLOSED-IN					
F	1	0.0	930.6		
	2	1.0	1093.9	163.3	1.0 1.966
	3	2.0	1121.0	190.4	2.0 1.653
	4	3.0	1139.7	209.1	2.9 1.481
	5	4.0	1155.4	224.8	3.8 1.363
	6	5.0	1171.6	241.0	4.7 1.274
	7	6.0	1183.2	252.6	5.6 1.200
	8	7.0	1195.1	264.5	6.5 1.136
	9	8.0	1204.8	274.3	7.3 1.083
	10	9.0	1215.6	285.0	8.2 1.035
	11	10.0	1223.4	292.9	9.0 0.995
	12	12.0	1237.6	307.0	10.5 0.926
	13	14.0	1250.5	320.0	12.1 0.865
	14	16.0	1260.6	330.1	13.6 0.817
	15	18.0	1268.6	338.1	15.0 0.773
	16	20.0	1275.7	345.1	16.3 0.736
	17	22.0	1282.0	351.4	17.6 0.703
	18	24.0	1288.1	357.5	18.9 0.672
	19	26.0	1293.0	362.4	20.1 0.646
	20	28.0	1297.9	367.3	21.3 0.621
	21	30.0	1302.1	371.5	22.4 0.598
	22	35.0	1310.2	379.6	25.1 0.549
	23	40.0	1316.6	386.0	27.6 0.508
	24	45.0	1323.1	392.5	29.9 0.473
	25	50.0	1327.9	397.3	32.0 0.444
	26	55.0	1332.0	401.4	34.0 0.418
	27	60.0	1337.1	406.5	35.8 0.395

REMARKS:

TICKET NO: 65034300
 CLOCK NO: 2797 HOUR: 12

GAUGE NO: 649
 DEPTH: 3354.0

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$
SECOND CLOSED-IN - CONTINUED					
28	70.0	1343.7	413.1	39.2	0.356
29	80.0	1348.4	417.8	42.1	0.324
30	90.0	1353.1	422.5	44.7	0.298
31	100.0	1358.0	427.4	47.0	0.276
32	110.0	1362.5	432.0	49.2	0.257
G 33	120.2	1364.8	434.2	51.1	0.240

REF	MINUTES	PRESSURE	ΔP	$\frac{t \times \Delta P}{t + \Delta P}$	$\log \frac{t + \Delta P}{\Delta P}$

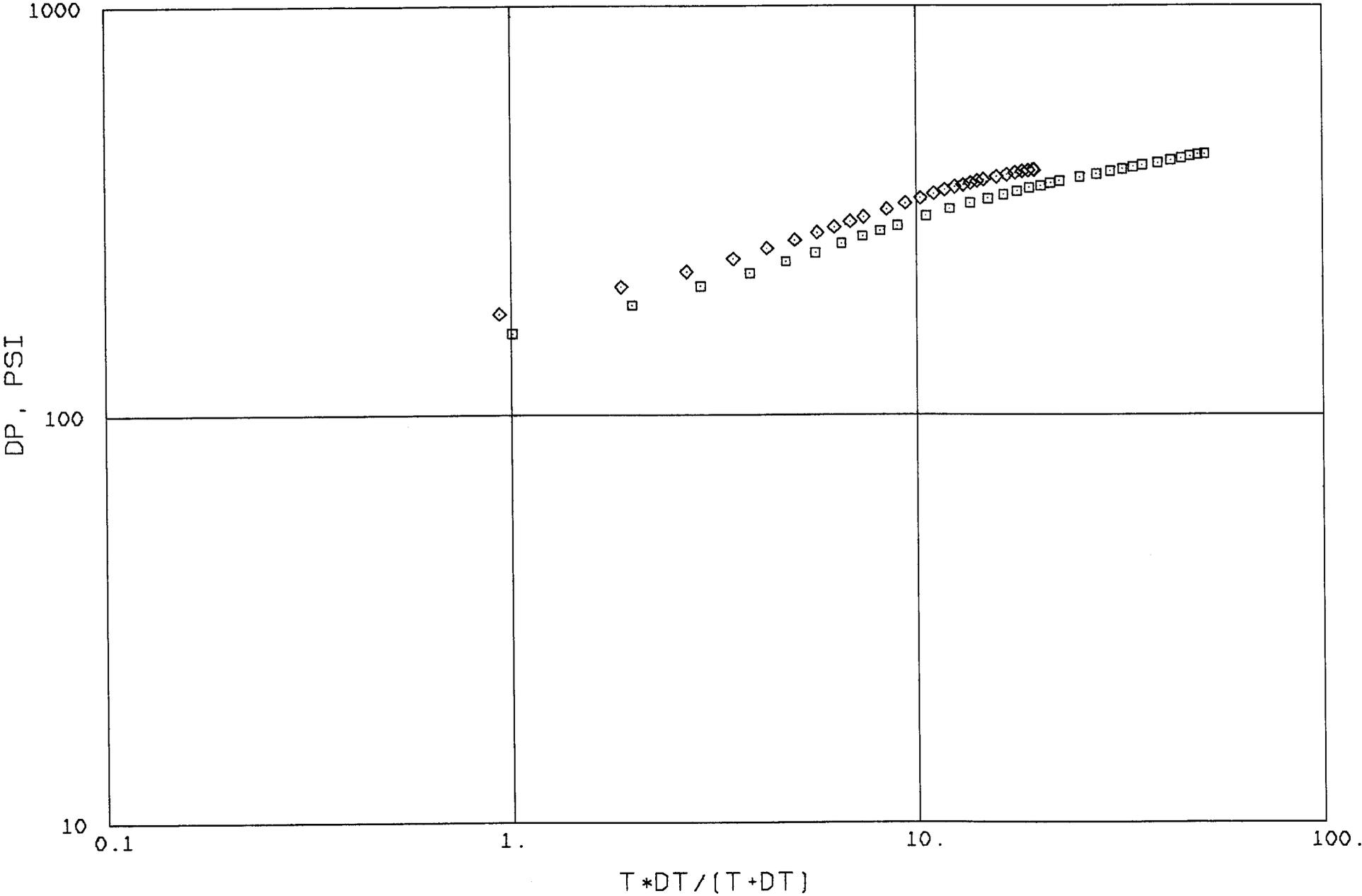
REMARKS:

		O.D.	I.D.	LENGTH	DEPTH	
1		DRILL PIPE.....	4.500	3.825	2732.0	
5		CROSSOVER.....	6.250	2.250	1.7	
3		DRILL COLLARS.....	6.500	2.250	454.6	
50		IMPACT REVERSING SUB.....	6.500	2.875	0.9	3168.0
3		DRILL COLLARS.....	6.500	2.250	95.3	
5		CROSSOVER.....	6.375	2.500	0.7	
13		DUAL CIP SAMPLER.....	5.000	0.750	7.0	
60		HYDROSPRING TESTER.....	5.000	0.750	5.0	3275.0
80		AP RUNNING CASE.....	5.000	2.250	4.1	3277.0
15		JAR.....	5.000	1.750	5.0	
16		VR SAFETY JOINT.....	5.000	1.000	2.8	
70		OPEN HOLE PACKER.....	7.000	1.530	7.4	3294.0
70		OPEN HOLE PACKER.....	7.000	1.530	7.4	3301.0
20		FLUSH JOINT ANCHOR.....	5.750	3.500	15.0	
5		CROSSOVER.....	6.125	2.750	0.6	
3		DRILL COLLARS.....	6.500	2.250	31.3	
5		CROSSOVER.....	5.750	2.250	1.0	
20		FLUSH JOINT ANCHOR.....	5.750	3.500	2.0	
81		BLANKED-OFF RUNNING CASE.....	5.750		4.1	3354.0
TOTAL DEPTH					3357.0	

EQUIPMENT DATA

GAUGE NO CIP 1 2
4426 ◇ □

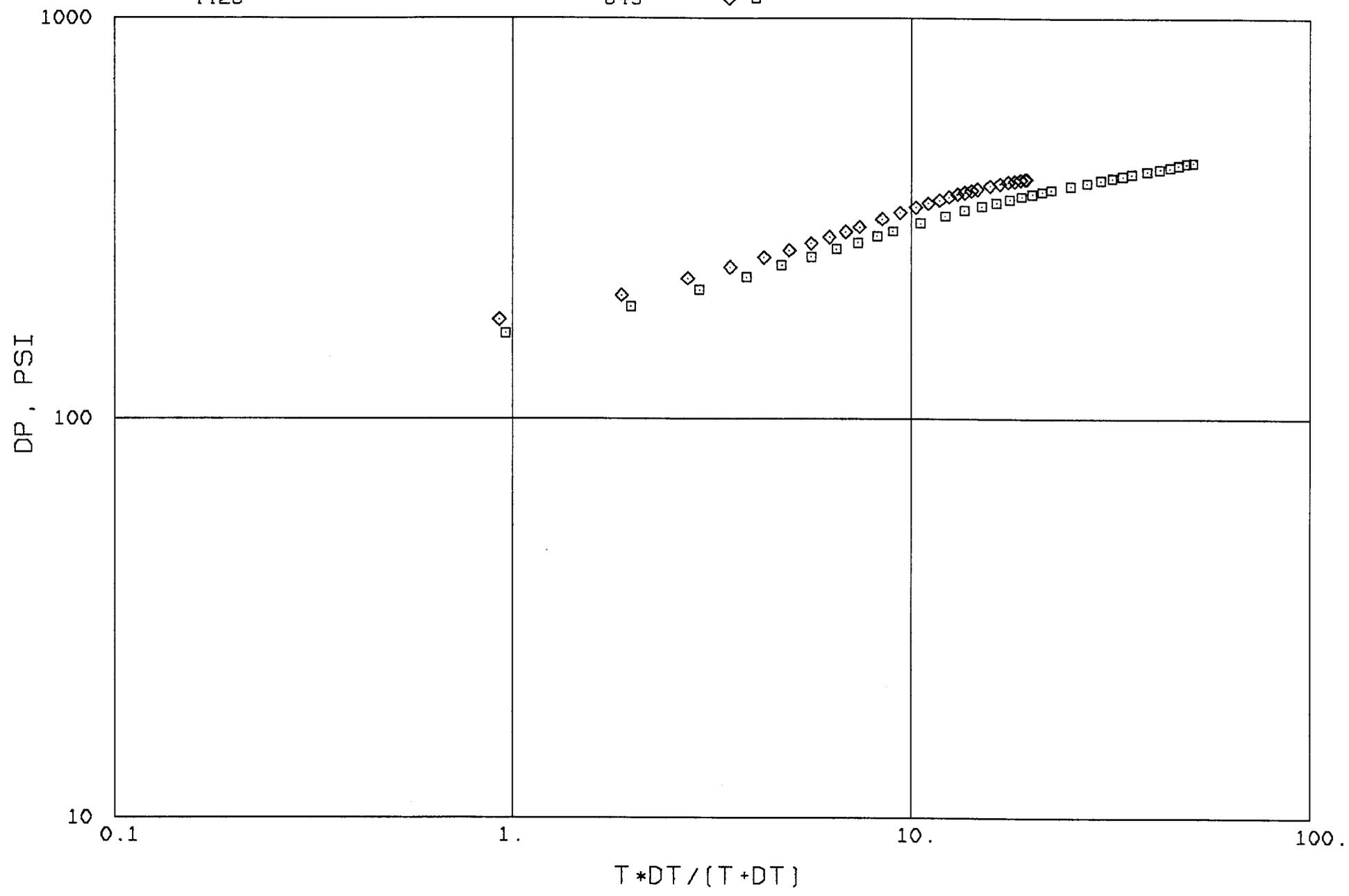
GAUGE NO CIP 1 2
649 ◇ □



TICKET NO 65034300

GAUGE NO CIP 1 2
4426

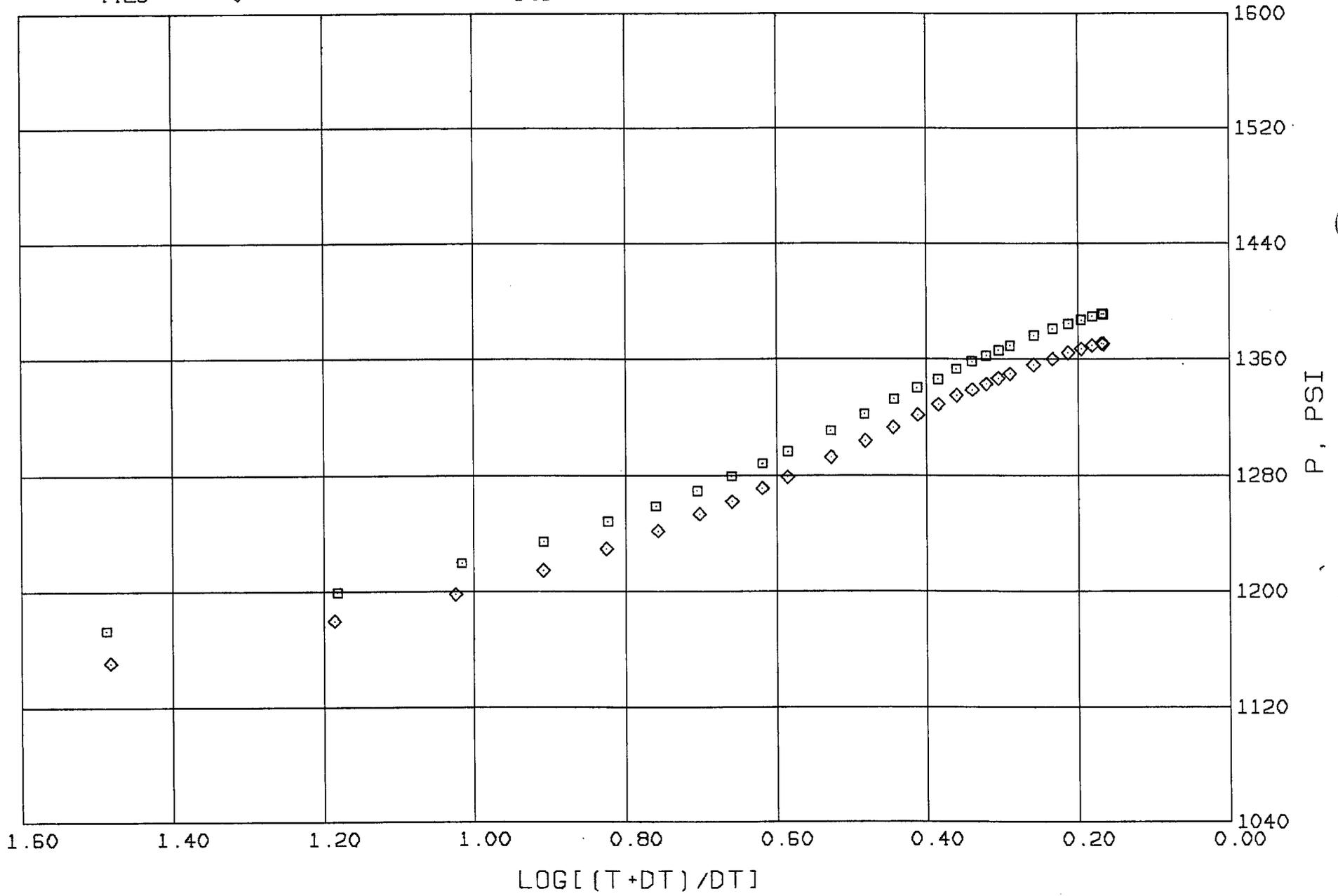
GAUGE NO CIP 1 2
649 ◇ □



TICKET NO 65034300

GAUGE NO 4426 CIP 1 2
◇

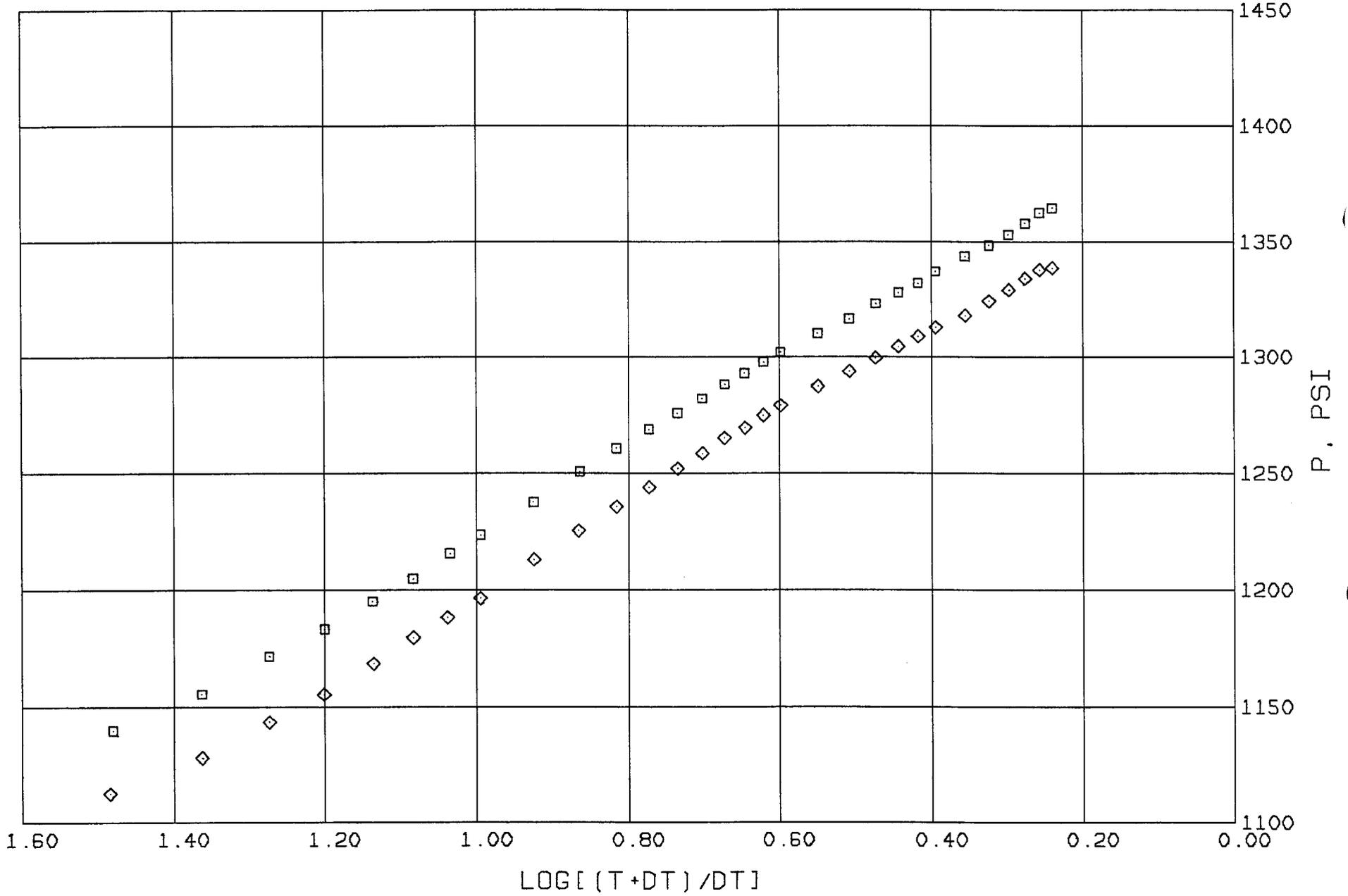
GAUGE NO 649 CIP 1 2
□



TICKET NO 65034300

GAUGE NO CIP 1 2
4426 ◇

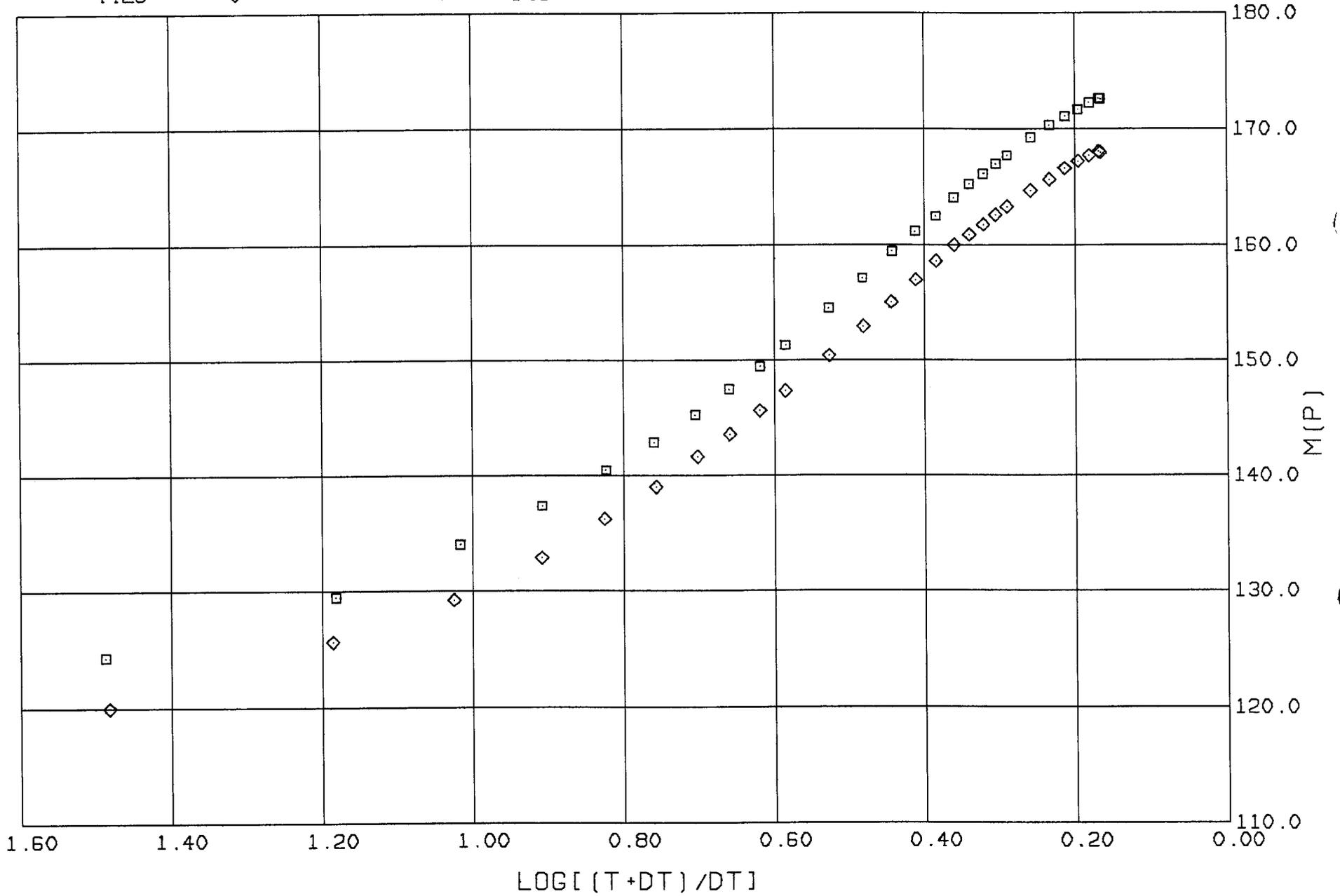
GAUGE NO CIP 1 2
649 □



TICKET NO 65034300

GAUGE NO CIP 1 2
4426 ◇

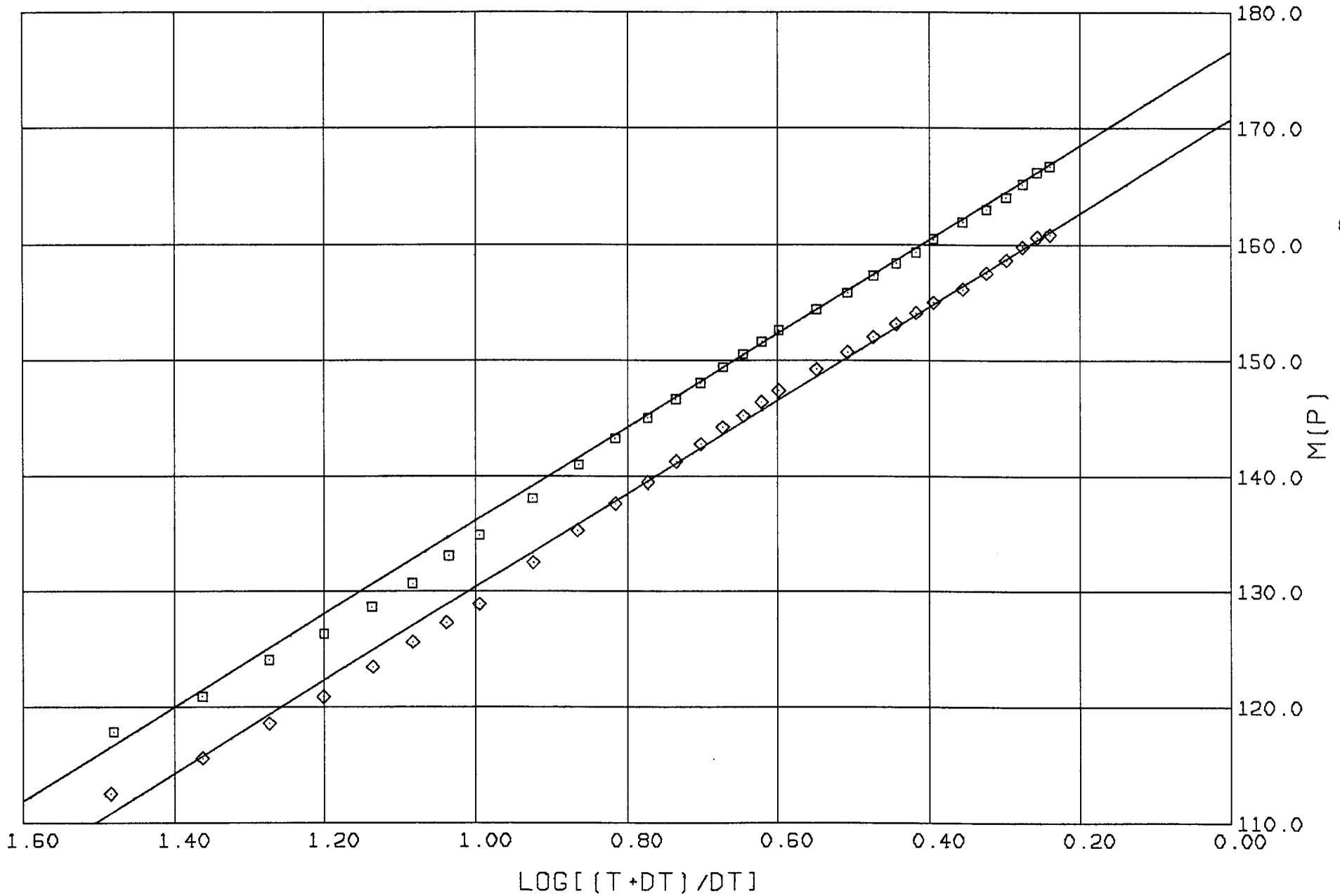
GAUGE NO CIP 1 2
649 □



TICKET NO 65034300

GAUGE NO CIP 1 2
4426 ◇

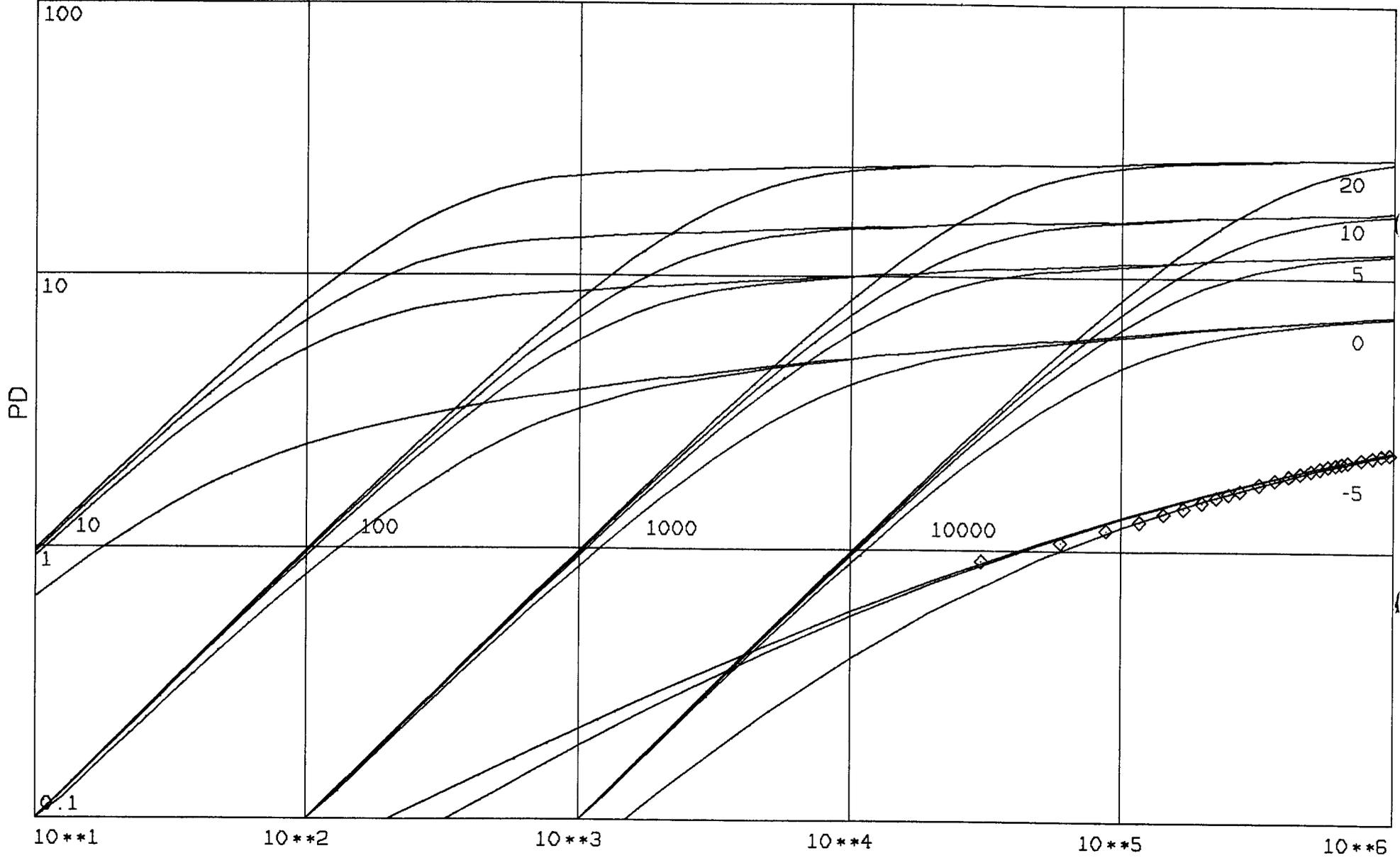
GAUGE NO CIP 1 2
649 □



GAUGE NO 4426

CIP 2

TICKET NO 65034300

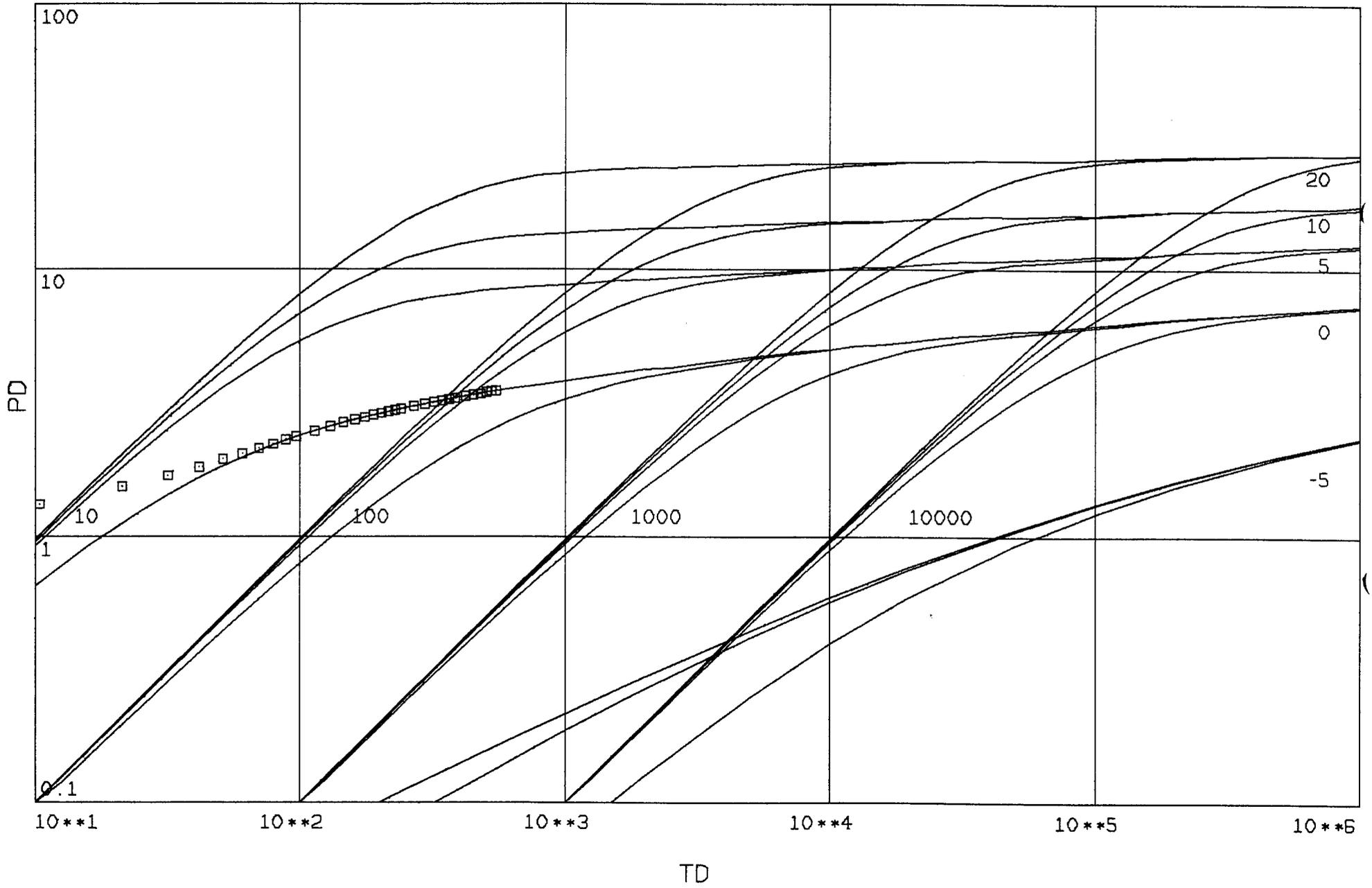


TD

GAUGE NO 649

CIP 2

TICKET NO 65034300



SUMMARY OF RESERVOIR PARAMETERS USING HORNER METHOD FOR GAS WELLS

GAS GRAVITY 0.600 TEMPERATURE 97.0 °F
 NET PAY 16.0 ft POROSITY 10.0 %
 RADIUS OF WELL BORE 0.328 ft VISCOSITY 0.014 cp
 GAS DEVIATION FACTOR 0.845 GAS PROPERTIES AT 1407.7 psig
 SYSTEM COMPRESSIBILITY 646.12 x 10⁻⁶ vol/vol/psi

GAUGE NUMBER	4426	649					
GAUGE DEPTH	3277.0	3354.0					
FLOW AND CIP PERIOD	2	2					UNITS
FINAL FLOW PRESSURE	905.3	930.6					psig
TOTAL FLOW TIME	88.8	88.8					min
CALC. STATIC PRESSURE P*	1382.8	1407.7					psig
EXTRAPOLATED PRESSURE m(P*)	170.8	176.6					$\frac{mmp\ si^2}{cp}$
ONE CYCLE PRESSURE m(P ₁₀)	130.4	136.1					$\frac{mmp\ si^2}{cp}$
PRODUCTION RATE Q	1237.0	1237.0					MCFD
FLOW CAPACITY kh	27.9214	27.8711					md-ft
PERMEABILITY k	1.74509	1.74194					md
SKIN FACTOR S	-2.1	-2.1					
DAMAGE RATIO DR	0.6	0.6					
INDICATED RATE MAX AOF ₁	2211.9	2246.5					MCFD
INDICATED RATE MIN AOF ₂	1654.1	1667.0					MCFD
THEORETICAL RATE DRxAOF ₁	2211.9	2246.5					MCFD
THEORETICAL RATE DRxAOF ₂	1654.1	1667.0					MCFD
RADIUS OF INVESTIGATION r _i	54.4	54.4					ft

REMARKS :

CALCULATIONS ARE BASED ON 100% GAS FLOW FROM THE FORMATION. THE RATE USED WAS THE LAST REPORTED SURFACE FLOW RATE FROM THE SECOND FLOW PERIOD.

CHARTS AND ANALYSIS PLOTS INDICATE ANOMALOUS PRESSURE BEHAVIOR DURING THE TEST, POSSIBLY DUE TO NATURAL FRACTURES AND/OR PERMEABILITY ANOMALIES. THE HORNER STRAIGHT LINES ARE BELIEVED TO BE PLACED CORRECTLY FOR CALCULATING PERMEABILITY AND WELLBORE DAMAGE FROM THE INFINITE-ACTING PORTION OF THE DATA.

THE DATA FROM THE FIRST CLOSED-IN PERIOD WAS NOT ANALYZED DUE TO INSUFFICIENT PRESSURE DEVELOPMENT AND POSSIBLE ANOMALY EFFECTS.

NOTICE :

BECAUSE OF THE UNCERTAINTY OF VARIABLE WELL CONDITIONS AND THE NECESSITY OF RELYING ON FACTS AND SUPPORTING SERVICES FURNISHED BY OTHERS, HRS IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HRS. HRS PERSONNEL WILL USE THEIR BEST EFFORTS IN GATHERING SUCH INFORMATION AND THEIR BEST JUDGMENT IN INTERPRETING IT BUT CUSTOMER AGREES THAT HRS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION EXCEPT WHERE DUE TO HRS GROSS NEGLIGENCE OR WILLFUL MISCONDUCT IN THE PREPARATION OF FURNISHING OF INFORMATION.

SUMMARY OF RESERVOIR PARAMETERS USING CURVE MATCH METHOD FOR GAS WELLS

GAS GRAVITY _____ 0.600 _____ TEMPERATURE _____ 97.0 _____ °F
 NET PAY _____ 16.0 ft _____ POROSITY _____ 10.0 _____ %
 RADIUS OF WELLBORE _____ 0.328 ft _____ VISCOSITY _____ 0.014 _____ cp
 GAS DEVIATION FACTOR _____ 0.845 _____ GAS PROPERTIES AT _____ 1407.7 _____ psig
 SYSTEM COMPRESSIBILITY _____ 646.13 _____ x 10⁻⁶ vol/vol/psi

GAUGE NUMBER		4426	649					
GAUGE DEPTH		3277.0	3354.0					
FLOW AND CIP PERIOD		2	2					UNITS
FINAL FLOW PRESSURE	P _f	905.3	930.5					psig
TOTAL FLOW TIME	t	88.8	88.8					min
PRODUCTION RATE	Q	1237.0	1237.0					MCFD
t _d AT 1 HOUR		1083431	386					
P _d AT 100 psi		0.575	0.807					
C _d		65.1	60.4					
SKIN	S	-5.0	0.0					
TRANSMISSIBILITY	kh/μ	1691.0	2374.1					md-ft cp
FLOW CAPACITY	kh	23.3596	32.7955					md-ft
PERMEABILITY	k	1.45998	2.04972					md
DAMAGE RATIO	DR	0.4	1.0					
RADIUS OF INVESTIGATION	r _i	49.8	59.0					ft

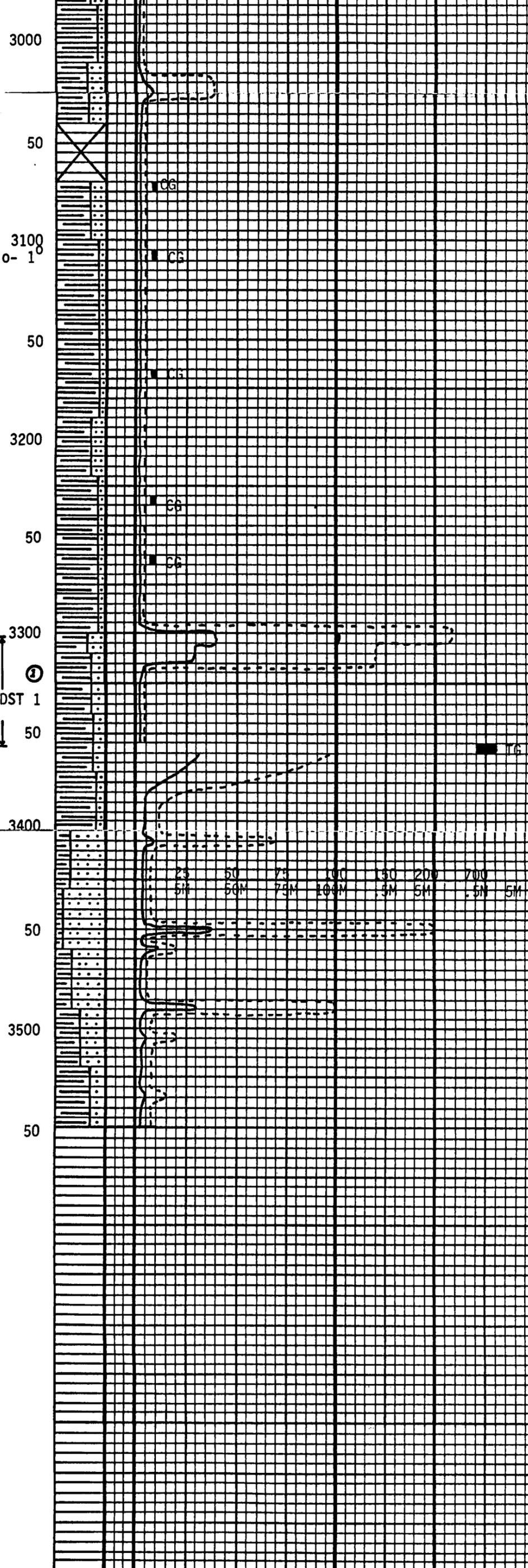
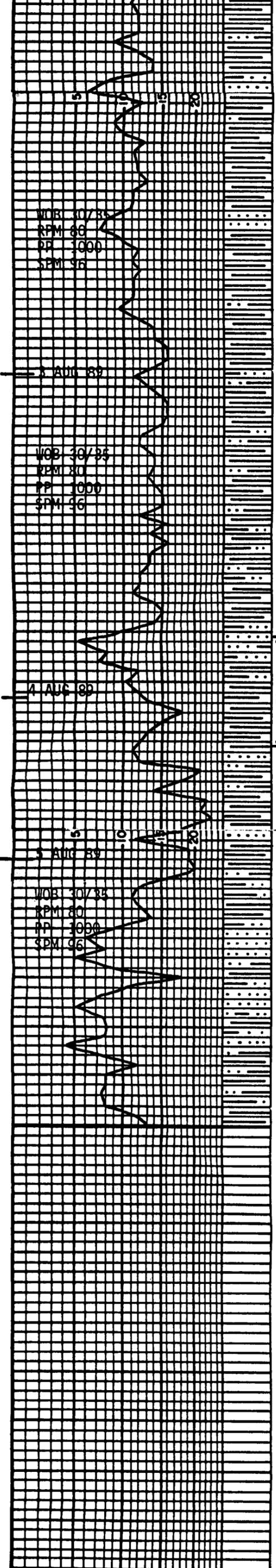
REMARKS :

THE LOG-LOG PLOTS OF SECOND CLOSED-IN PERIOD DATA WERE SUCCESSFULLY MATCHED AGAINST THE RADIAL FLOW TYPE CURVES. EQUALLY PLAUSIBLE MATCHES WERE OBTAINED ON THE SKIN FACTOR CURVES OF -5 AND ZERO.

THE RESULTS FROM THESE MATCHES, SHOWN ABOVE, FALL ON EITHER SIDE OF, OR BRACKET, THE HORNER RESULTS.

NOTICE :

BECAUSE OF THE UNCERTAINTY OF VARIABLE WELL CONDITIONS AND THE NECESSITY OF RELYING ON FACTS AND SUPPORTING SERVICES FURNISHED BY OTHERS, HRS IS UNABLE TO GUARANTEE THE ACCURACY OF ANY CHART INTERPRETATION, RESEARCH ANALYSIS, JOB RECOMMENDATION OR OTHER DATA FURNISHED BY HRS. HRS PERSONNEL WILL USE THEIR BEST EFFORTS IN GATHERING SUCH INFORMATION AND THEIR BEST JUDGMENT IN INTERPRETING IT BUT CUSTOMER AGREES THAT HRS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION EXCEPT WHERE DUE TO HRS GROSS NEGLIGENCE OR WILLFUL MISCONDUCT IN THE PREPARATION OF FURNISHING OF INFORMATION.



SS wh clr frstd vf-mg p-m srt
 sbang-sbrdd p-m cmt calc
 NSOFC

SS wh clr frstd vf-fg m srt
 sbang-sbrdd p cmt calc w/abn
 lse grns NSOFC

SH red-brn lt gry lt gry-grn
 varclr sbbly sft-frm sli
 calc bentic w/comm Pyr incl

SS wh clr frstd f-mg m srt
 sbang-sbrdd p-m cmt calc
 w/arg mtx ark NSOFC
 comm Pyr incl

9.2 35 8.8 9.0 2/32
 C1 300

SS wh clr frstd vf-mg m srt
 sbang-sbrdd p-m cmt calc
 arg mtx tr mica incl tr Pyr
 incl NSOFC

9.3 74 8.8 9.5 2/32
 C1 300

SH red-brn red-grn mott varclr
 sbbly sft-frm sli calc

SS clr frstd vlt tan vf-fg
 m srt sbrdd p-m cmt calc
 arg mtx tr dk min incl

SS aa w/ abn pale grn-wh clr
 frstd vf-mg m srt sbang-sbrd
 calc w/arg mtx NSOFC

SH wh lt gry lt gry-grn sbbly
 sbply bentic sli calc

9.4 53 8.0 9.0 2/32
 C1 300

DRILLER TD 3550
 LOGGER TD 3535

RECEIVED
 AUG 10 1989

DIVISION OF
 OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: TXO Production Corporation COMPANY MAN: David Craig
 WELL NAME: Bridle Federal #4 API #: 43-047-31866
 QTR/QTR: SENE SECTION: 34 TWP: 6 South RANGE: 22 East
 CONTRACTOR: SST Energy Rig #3 PUSHER/DRLR: Ray Gentry
 INSPECTOR: Carol Kubly DATE: 8/1/89 OPERATIONS: Drilling
 SPUD DATE: 7/29/89 @ 1400 hrs TOTAL DEPTH: 1782'

DRILLING AND COMPLETIONS

Y APD Y WELL SIGN Y BOPE Y RESERVE PIT
Y FLARE PIT N BURN PIT N H2S N BLOOIE LINE
Y SANITATION Y HOUSEKEEPING N VENTED/FLARED

PLUGGING AND ABANDONMENT

PRODUCING FM(S): _____

PLUGS:	TYPE/SIZE	INTERVAL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: SURFACE: _____ PLATE: _____

RECLAMATION:

CONTOURED: _____ RIPPED: _____ REHAB'D: _____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Reserve pit fenced on 3 sides and unlined and 1/2 full of drilling fluids. Everything looks ok. BOPE test was uneventful. SST Energy used to be Western Drilling - now owned by a Taiwanese corporation.

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED
SEP 20 1989

DIVISION OF
OIL, GAS & MINING

September 15, 1989

State of Utah
Dept. of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Bridle Federal #4
Croquet Federal #3
Croquet Federal #4

Dear Sirs:

Please find attached Form 9-330 on the above referenced wells recently drilled and completed in the Horseshoe Bend Field, Uintah County, Utah. It is respectfully requested to keep all information CONFIDENTIAL.

Please call me if there are any questions or concerns.

Sincerely,

TXO PRODUCTION CORP.

Cory West

Cory West
Petroleum Engineer

CW/jp

A SUBSIDIARY OF  TEXAS
OIL & GAS CORP.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER

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

2. NAME OF OPERATOR
TXO Production Corp.

3. ADDRESS OF OPERATOR
1660 Lincoln St., Suite 1800, Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1400' FNL & 600' FEL
At top prod. interval reported below Same as above
At total depth Same as above

5. LEASE DESIGNATION AND SERIAL NO.
U-47866

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

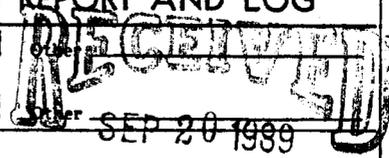
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Bridle Federal

9. WELL NO.
4

10. FIELD AND POOL, OR WILDCAT
Horseshoe Bend

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA
Sec 34-T6S-R22E



14. PERMIT NO. 43-047-31866 DATE ISSUED 7-11-89

15. DATE SPUDDED 7-29-89 16. DATE T.D. REACHED 8-5-89 17. DATE COMPL. (Ready to prod.) 8-18-89

18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 5043 GR 5057 KB 19. ELEV. CASINGHEAD ±5046

20. TOTAL DEPTH, MD & TVD 3550' 21. PLUG, BACK T.D., MD & TVD 3521'

22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Rotary tools ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Uinta "B" 3298' - 3304' & 3311' - 3313'

25. WAS DIRECTIONAL SURVEY MADE NO

CONFIDENTIAL

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Focused Log/Gamma Ray-Compensated Densilog/Neutron-Caliper

27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	3301'	12 1/4"	125 sxs 50/50 poz +	
7 1/2"	10.5	3554'	7 7/8"	75 sxs "G", 350 sxs "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	3313'	

31. PERFORATION RECORD (Interval, size and number)

3298' - 3304' 6", 4 JSPF, 25 holes
3311' - 3313' 4", 4 JSPF, 17 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3298'-3304'	Naturally completed
3311'-3313'	with tubing conveyed
	perforating gun

33. PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-APF (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Well is currently shut-in waiting on connection to sales line

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
You should have copies of all required logs, test and reports.

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

SIGNED Cory West TITLE Petroleum Engineer DATE 9-15-89

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
<p>Uintah "B"</p> <p>Green River</p> <p>DST #1</p>	<p>2904 (+2153)</p> <p>3405 (+1652)</p> <p>Uintah</p>	<p>3405 (+1652)</p> <p>3301-3357</p>	<p>Sands and shales $\pm 40\% / \pm 60\%$</p> <p>Sands and shales $\pm 70\% / \pm 30\%$</p> <p>IHP 1601#</p> <p>IFP/30" 169-977# GA 1.355 MMCF</p> <p>ISIP/60" 1368#</p> <p>FFP/60" 533-903# GA 1.237 MMCF</p> <p>FSIP/120" 1340#</p> <p>FHP 1601# BHT 97° F</p> <p>Recovered 104' WCM</p>
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH
			TOP
			FILE
			MICROFILM
			1-TAS
			SLS
			GLH
			R.F.F
			DRN
			JRS
			DTS
			OIL AND GAS

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 12, 1989

Confidential

Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Bridle Federal #4
SE/NE Section 34-T6S-R22E
Uintah County, Utah
API No. 43-047-31866

Gentlemen:

TXO Production Corp. requests approval to dispose of produced water into unlined pits at the referenced well location pursuant to the requirement of R615-9-3. Information pertinent to this request follows.

The Bridle Federal #4 is completed in the Uinta "B" Formation between the depths of 3298' and 3313'. Water from this formation, produced in association with the natural gas, will be discharged into two pits on location - a produced water pit and a blowdown pit. Two pits are required for efficient operations at this well. The produced water pit will be located adjacent to the production unit and will contain small discharges of water. The blowdown pit will be some distance away from both the wellhead and the production unit and will contain limited fluid from occasional high pressure discharges. The combined volume of water from these two discharges will not exceed 5 barrels per day on a monthly basis.

If you have any questions or need additional information, please contact me at this office.

**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Very truly yours,

TXO PRODUCTION CORP

Date: 10/7/89
By: [Signature]

Charles K. Curlee
Environmental Manager

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

CKC/gbp

CONFIDENTIAL

Federal Approval of this
Action is Necessary



RECEIVED
JAN 24 1991



**Marathon
Oil Company**

P.O. Box 2690
Cody, Wyoming 82414
Telephone 307/587-4960

DIVISION OF
OIL, GAS & MINING

*dfg
1-3
Fry DRJ
-a R Furth*

January 22, 1991

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

UTAH DIVISION OF OIL, GAS & MINING
3 Triad Center, Ste. 350
Salt Lake City, UT 84180-1203
Attention: State Director

Re: The Merger of TXO Production Corp. into
Marathon Oil Company

Gentlemen:

As Marathon Oil Company advised in its October 8, 1990 letter, TXO Production Corp., a Delaware corporation ("TXO") was being merged into Marathon Oil Company, an Ohio corporation ("Marathon"), on or before January 1, 1991. As stated in the October letter, before this merger, both TXO and Marathon were subsidiaries of USX Corporation.

Effective January 1, 1991, TXO was merged into Marathon, with Marathon becoming the surviving corporation, as evidenced by the enclosed Certificate of Merger signed by the Secretary of State for the State of Ohio. Due to this statutory merger, by operation of law, Marathon, as the surviving entity, has succeeded to all of the assets, property, rights, privileges, power and authority, and has assumed all obligations and liabilities of TXO which existed on the date of the merger.

Marathon requests that your records and filings be changed to reflect this merger, including making any appropriate change in your operator or ownership records. For the purposes of any change, mailing or notification, please substitute the following address and phone number for TXO:

Marathon Oil Company
Attention: Mr. R. P. Meabon
1501 Stampede Avenue
P. O. Box 2690
Cody, WY 82414
(307) 587-4961

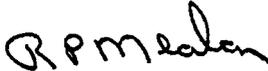
Utah Division of Oil, Gas & Mining
January 22, 1991
Page 2

Any bond in the name of TXO should be cancelled and all wells and properties shown on the attached Exhibit "A" should be placed on Marathon's statewide bond for the state of Utah.

Marathon respectfully requests that you acknowledge your receipt of this letter by signing the enclosed duplicate original of this letter in the space provided below, and returning it to me in the self-addressed, stamped envelope provided. Also, please provide Marathon with confirmation of the bond cancellations in accordance with the substitution requested above.

Marathon appreciates your patience and cooperation in this matter, and if Marathon can be of any further assistance, please feel free to contact this office.

Sincerely,



R. P. Meabon
Regulatory Coordinator
Rocky Mountain Region
Extension 3003

RPM:mh

Attachments

RECEIVED AND ACCEPTED THIS _____ DAY OF _____,
1991, BY:

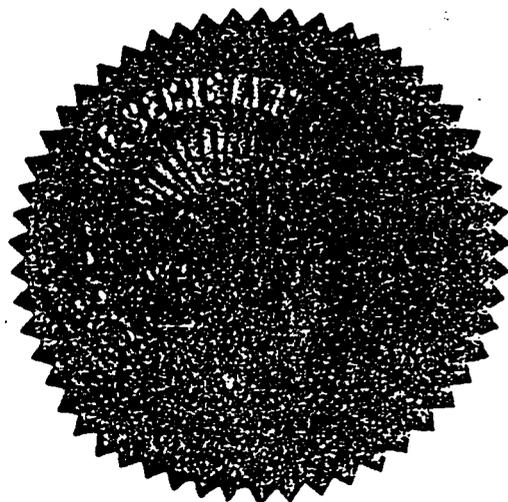
[Governmental Agency or Department]

By _____
Name _____
Its _____
Title _____

UNITED STATES OF AMERICA,
STATE OF OHIO,
OFFICE OF THE SECRETARY OF STATE.

I, Sherrod Brown

do hereby certify that I am the duly elected, qualified and present acting Secretary of State for the State of Ohio, and as such have custody of the records of Ohio and Foreign corporations; that said records show an AGREEMENT OF MERGER of MARATHON PETROLEUM COMPANY, an Ohio corporation, Charter No. 7265, having its principal location in Findlay, County of Hancock, and incorporated on August 1, 1887, and TXO PRODUCTION CORP., a Delaware corporation, having qualified to do business within the State of Ohio on November 2, 1983, under License No. 623328, into MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, the survivor of said Merger, filed in this office on December 24, 1990, recorded in the Records of Incorporation. Said surviving corporation, MARATHON OIL COMPANY, an Ohio corporation, Charter No. 584981, having its principal location in Findlay, County of Hancock, was incorporated on November 18, 1981 and is currently in GOOD STANDING upon the records of this office.



WITNESS my hand and official seal at
Columbus, Ohio, this
28th day of December, A.D. 1990

Sherrod Brown

Sherrod Brown
Secretary of State

DOGm - FYI - From Connie Larson - TAX COMMISSION

Tax Compliance Division



**Marathon
Oil Company**

Findlay, Ohio 45840
Telephone 419/422-2121

January 23, 1991

N1580

TO WHOM IT MAY CONCERN:

Effective immediately after the close of business on December 31, 1990, TXO Production Corporation, taxpayer I.D. 75-1710388, a Delaware Corporation, was merged into Marathon Oil Company, taxpayer I.D. 25-1410539.

Following the merger, all business activity previously conducted by TXO Production Corporation will be conducted by and under the name of Marathon Oil Company.

Marathon Oil Company
Tax Organization

GRL:pah
GRL100T

FEB 14 1991
REC'D USITC P.B.

Send a copy to DOGM 2-21-91

Copy sent to Master
File Mail



UTAH NATURAL RESOURCES
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:

• TXO PRODUCTION CORP.
 P. O. BOX 2690
 CODY WY 82414
 ATTN: R. P. MEABON

Utah Account No. N1580

Report Period (Month/Year) 12 / 90

Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
EVACUATION CREEK STATE "A" #1 4304731674 10661 12S 25E 2	ML-28043 DKTA ✓				
CRACKER FEDERAL #4 4304731748 10669 11S 23E 7	U-54196 WSTC ✓				
MARBLE MANSION UNIT #1 4304731865 10997 11S 23E 18	U-54201 WSTC ✓		NEED SUCCESSOR to knit oper. (TXO - to Marathon)		
BRIDLE FEDERAL #4 4304731866 11011 06S 22E 34	U-47866 UNTA ✓				
CROQUET FEDERAL #3 4304731867 11013 06S 21E 35	U-53862 UNTA ✓				
STIRRUP FEDERAL 29-2 4304731508 11055 06S 21E 29	U-46699 GRRV ✓				
STIRRUP FEDERAL #29-3 4304731634 11056 06S 21E 29	U-46699 GR-WS ✓				
STIRRUP STATE #32-1 4304731557 11057 06S 21E 32	ML-22036 GRRV ✓				
STIRRUP STATE #32-2 4304731626 11058 06S 21E 32	ML-22036 GR-WS ✓				
FOOTBALL FED. 29-4 4304731883 11085 06S 21E 29	U-46699 UNTA ✓				
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 _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- LCR	<i>[initials]</i>
2- DTS	<i>[initials]</i>
3- VLC	<i>[initials]</i>
4- RJF	<i>[initials]</i>
5- RWM	<i>[initials]</i>
6- LOR	<i>[initials]</i>

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)

TO (new operator) <u>MARATHON OIL COMPANY</u>	FROM (former operator) <u>TXO PRODUCTION CORP.</u>
(address) <u>P. O. BOX 2690</u>	(address) <u>P. O. BOX 2690</u>
<u>CODY, WY 82414</u>	<u>CODY, WY 82414</u>
phone <u>(307) 587-4961</u>	phone <u>(307) 587-4961</u>
account no. <u>N 3490</u>	account no. <u>N1580</u>

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

Name: **SEE ATTACHED**	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 documentation)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec. 1-24-91)*
- 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: _____.
- See* 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. *(2-26-91)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- See* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 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) no (If entity assignments were changed, attach copies of Form 5, 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. *(Federal & State wells only!)* *(upon completion of routing)*
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) Yes. Today's date February 27, 1991. If yes, division response was made by letter dated March 1, 1991.

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. *sent 3-5-91*

INDEXING

1. All attachments to this form have been microfilmed. Date: March 11 1991. *RWM*

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

- 910204 Bfm/mcab ~~No doc. as of yet.~~ (In the process of changing) will call when approved.
Bfm/S.Y. Book Cliffs Unit, Oil Springs Unit, Marble Mansion Unit (Not approved as of yet)
- 910204 St. Lands - No documentation as of yet. (Copy hand delivered 2-8-91) for
- 910222 Bfm/S.Y. - Approved 2-20-91 - OK for DOGM to recognize eff. date 1-1-91. (T. Thompson)
- 910226 St. Lands - Needs additional info. "will take 2-3 weeks". (Proceed with change per DTS)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.
U-47866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Bridle Fed. No. 4

9. API Well No.
43-047-31866

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Lone Mountain Production Company

3. Address and Telephone No.
P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1400' FNL, 600' FEL, Sec. 34-T6S-R22E
(SE $\frac{1}{4}$ NE $\frac{1}{4}$)**

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 Change of Operator
	<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.)*

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

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

Signed *Jared Rauten* Title Petroleum Engineer Date Feb. 22, 1993

(This space for Federal or State office use)

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

LONE MOUNTAIN PRODUCTION COMPANY

P.O. BOX 3394
408 PETROLEUM BUILDING
BILLINGS, MONTANA 59103-3394
(406) 245-5077
FAX 248-6321

February 22, 1993

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

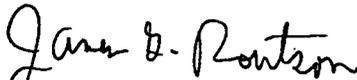
Re: Change of Operator
Sundry Notices
Grand and Uintah Counties, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for 53 wells located on Federal lands in Utah for which Lone Mountain Production Company is assuming operations effective February 22, 1993. Two separate lists of the wells and lease numbers, by sorted by BLM district, are attached. The wells were all previously operated by Marathon Oil Company. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company



James G. Routson
President

Enclosures

xc: Joe Dyk
Marathon

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FEB 25 1993

DIVISION OF
OIL GAS & MINING

RECEIVED

UTAH FEDERAL WELLS

FEB 25 1993

VERNAL BLM DISTRICT

DIVISION OF
OIL GAS & MINING

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
Stirrup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
Stirrup Fed. No. 29-2	U-46699	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Stirrup Fed. No. 29-3	U-46699	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T6S-R21E
Football Fed. No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 8-T11S-R23E
Cracker Fed. No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T11S-R23E
Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7-T11S-R23E
Marble Mansion Unit #1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
Wells Fed. A No. 1	U-54198	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 12-T11S-R23E
Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T12S-R24E
Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4-T12S-R24E
Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5-T12S-R24E

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Marathon Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2690, Cody, Wyoming 82414

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

5. LEASE DESIGNATION & SERIAL NO.
See Below

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
See Below

9. WELL NO.
See Below

10. FIELD AND POOL, OR WILDCAT
See Below

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

12. COUNTY
Grand and Uintah

13. STATE
Utah

14. API NO.
See Below

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

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FEB 25 1993

DIVISION OF OIL GAS & MINING

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(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.

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibit 'A' and 'B' to:

Lone Mountain Production Company
P.O. Box 3394, 408 Production Building
Billings, Montana 59103-3394

By copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating these leases and wells within the federal and state rules and regulations.

Utah O&G--cc: WRF,RDS,CLB,RPM,KJI,TITLE AND CONTR(HOU),ACCTG.,CFR,LONE MTN. PROD.

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

SIGNED R.P. Meabon *RPM* TITLE Regulatory Coordinator DATE 2/23/93

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

List of Properties sold by Marathon Oil Company to Lone Mountain Production Company, P.O. Box 3394, 408 Petroleum Building, Billings, Montana 59103-3394

WELL	LOCATION	LEASE	API #
North Horse Point Field			
Little Berry State #1	SW/4 SW/4, Sec. 2-16S-23E	ML-21061	043-019-31075
BAR X West Field			
Hancock Federal #2	NW/4 SW/4, Sec. 5-17S-25E	U-38720	043-019-30833
Bryson Canyon Field			
Hougen Federal A#1- St #1	SW/4 SW/4 Sec. 14-17S-24E	U-42480	043-019-30799
TXO Pogo USA #19-9	NE/4 SE/4, Sec. 15-17S-24E	U-49535	043-019-30779
East Canyon Field			
Callister Federal #1	NW/4 SE/4 Sec. 24-16S-24E	U-38363	043-019-30857
Ptasynski Federal #1	NE/4 NW/4 Sec. 15-17S-23E	U-24603-A	043-019-30780
Horseshoe Bend Field			
Bridle Federal #1	SW/4 SW/4 Sec. 34-6S-22E	U-47866	043-047-31533
Bridle Federal #2	NE/4 SE/4 Sec. 34-6S-22E	U-47866	043-047-31655
Bridle Federal #3	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31678
Bridle Federal #4	SE/4 NE/4 Sec. 34-6S-22E	U-47866	043-047-31866
Croquet Federal #1	SE/4 NE/4 Sec. 35-6S-21E	U-53862	043-047-31440
Croquet Federal #2	NE/4 SE/4 Sec. 35-6S-21E	U-53862	043-047-31672
Croquet Federal #3	NE/4 NW/4 Sec. 35-6S-21E	U-53862	043-047-31867
Football Fed #29-4	SE/4 SW/4 Sec. 29-6S-21E	U-46699	043-047-31883
Shuffleboard Fed #1	NE/4 NE/4 Sec. 27-6S-21E	U-31255	043-047-31668
Stirrup Fed. #28-1	NW/4 SW/4 Sec. 28-6S-21E	U-34711	043-047-31571
Stirrup Fed. #29-2	NW/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31508
Stirrup Fed. #29-3	SE/4 SE/4 Sec. 29-6S-21E	U-46699	043-047-31634
Stirrup State #32-1	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31557
Stirrup State #32-2	SE/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31626
Stirrup State #32-4	NW/4 NE/4 Sec. 32-6S-21E	ML-22036	043-047-31648
Rockhouse Field			
Cracker Fed. #1	SE/4 NE/4 Sec. 8-11S-23E	U-54197	043-047-31532
Cracker Fed. #2	SE/4 SE/4 Sec. 8-11S-23E	U-54197	043-047-31690
Cracker Fed. #3	SW/4 SE/4 Sec. 5-11S-23E	U-54193	043-047-31689
Cracker Fed. #4	SE/4 NE/4 Sec. 7-11S-23E	U-54196	043-047-31748
Marble Mansion #1	SE/4 SE/4 Sec. 18-11S-23E	U-54201	043-047-31865
Wells Fed. A #1	SW/4 SE/4 Sec. 12-11S-23E	U-54198	043-047-31603

San Arroyo Field

Arco Fed. B #1	SE/4 SE/4 Sec. 6-16S-25E	U-9831	043-019-30552
Arco Fed. C #1	NW/4 NW/4 Sec. 35-16S-25E	U-06188-B	043-019-30572
Arco Fed. D #1	NE/4 SE/4 Sec. 34-16S-25E	U-29645	043-019-30578
Arco Fed. H #1	NW/4 SW/4 Sec. 12-16S-25E	U-0126528	043-019-31002
Bennion Fed. #1	NE/4 NW/4 Sec. 30-16S-25E	U-24632	043-019-30893
BMG Fed. #1	NE/4 NW/4 Sec. 8-16S-26E	U-05015	043-019-31017
BMG Fed. #2	SW/4 SW/4 Sec. 8-16S-26E	U-05015	043-019-31108
BMG Fed. #3	SW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31114
BMG Fed. #4	NW/4 NW/4 Sec. 17-16S-26E	U-05015-A	043-019-31130
BMG Fed. #5	NW/4 SW/4 Sec. 8-16S-26E	U-05015-A	043-019-31131
BMG Fed. #7	NW/4 SE/4 Sec. 17-16S-26E	U-05015-A	043-019-31183
Bookcliffs #1	SE/4 SE/4 Sec. 32-18S-22E	U-036905	043-019-15410
Bookcliffs #3	SW/4 NE/4 Sec. 33-18S-22E	U-036905	043-019-15411
Credo Fed. #1	NE/4 SE/4 Sec. 5-16S-26E	U-24638	043-019-30797
Credo Fed. A #1	SE/4 NW/4 Sec. 5-16S-26E	U-24638	043-019-30798
Grynberg Fed. #1	NE/4 SW/4 Sec. 28-16S-25E	U-13653	043-019-30657
Harvey Fed. #1-X	SW/4 SE/4 Sec. 5-16S-25E	U-10427	043-019-30574
Lauck Fed. A #1	SE/4 SE/4 Sec. 29-16S-25E	U-34033	043-019-30990
Lauck Fed. #2	NW/4 SW/4 Sec. 29-16S-25E	U-34033	043-019-31109
Moxa Fed. #1	SW/4 SW/4 Sec. 9-16S-26E	U-24638	043-019-30698
Moxa Fed. A #1	NE/4 SE/4 Sec. 4-16S-26E	U-24638	043-019-30792
Nicor Fed. #1	NW/4 NE/4 Sec. 28-16S-25E	U-31807	043-019-30656
Nicor Fed. #2	NW/4 NE/4 Sec. 33-16S-25E	U-13653	043-019-31020
Texas Pac St #1	NW/4 SE/4 Sec. 36-16S-25E	ML-4468-A	043-019-30634
Texas Pac St #2	SW/4 SW/4 Sec. 36-16S-25E	ML-4468-A	043-019-30670
Valentine Fed. #1	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-30639
Valentine Fed. #2	SE/4 NW/4 Sec. 34-16S-25E	U-38276	043-019-30640
Valentine Fed. #3	SE/4 SW/4 Sec. 35-16S-25E	U-38276	043-019-31009
Wall Fed. #1	NE/4 SW/4 Sec. 30-16S-25E	U-24632	043-019-30838

Oil Springs Field

Oil Springs #5	NE/4 SW/4 Sec. 5-12S-24E	U-08424-A	043-047-15930
Oil Springs #7	SE/4 SW/4 Sec. 4-12S-24E	U-08424-A	043-047-31248
Oil Springs #10	NE/4 NE/4 Sec. 5-12S-24E	U-08424-A	043-047-31656

Evacuation Creek Field

Evacuation Creek State A #1	NE/4 NE/4 Sec. 2-12S-25E	ML-28043	043-047-31674
Evacuation Cr. #23-2-1	NE/4 SW/4 Sec. 2-12S-25E	ML-28043	043-047-15675
Evacuation Creek State #1	SE/4 SW/4 Sec. 36-11S-25E	ML-39868	043-047-31307

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

RECEIVED

5. Lease Designation and Serial No.

U-47866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well

Oil Well Gas Well Other

MAR 22 1993

2. Name of Operator

Marathon Oil Company

DIVISION OF
OIL GAS & MINING

8. Well Name and No.

Bride 4

3. Address and Telephone No.

P.O. Box 2690, Cody, Wyoming 82414

RECEIVED

9. API Well No.

See Below

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

SENE 34-6S-22E

FEB 25 1993

10. Field and Pool, or Exploratory Area

See Below

11. County or Parish, State

See Below

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

VERNAL DIST.

ENG. 2/23/93

GEO.

E.S.

PET.

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

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

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1)

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.)*

On 2/22/93 with an effective date of October 1, 1992, Marathon Oil Company sold all of its rights, title and interests shown on Exhibits 'A' and 'B' to:

Lone Mountain Production Company
P.O. Box 3394, 408 Petroleum Building
Billings, Montana 59103-3394

Marathon Oil Company has emergency NTL-2B pit permits for these wells and associated operations and by copy of this sundry notice to Lone Mountain Production Company, Marathon is advising that Lone Mountain Production Company is responsible for operating the pits in compliance with NTL-2B regulations as well as all other state and federal regulations.

BLM-orig & 3--cc: WRF, RDS, CLB, RPM, KJI, TITLE AND CONTR(HOU), ACCTG., CFR,
Lone Mtn. Prod. Co.

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

Signed BP Meador

Title Regulatory Coordinator

Date 2/23/93

(This space for Federal or State Use)

Approved by [Signature]
Conditions of approval, if any:

Title ASSISTANT DISTRICT
MANAGER MINERALS

Date MAR 16 1993

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

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

Marathon Oil Company
Change of Operator

CONDITIONS OF APPROVAL

We have reviewed your proposal for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

1. This change of operator approval is for the following wells only:

<u>WELL NAME & NUMBER</u>	<u>LEASE NUMBER</u>
Stirrup Fed. 28-1	U - 34711
Stirrup Fed. 29-2	U - 46699
Stirrup Fed. 29-3	U - 46699
Stirrup Fed. 29-4	U - 46699
Croquet Fed. 1	U - 53862
Croquet Fed. 3	U - 53862
Bridle Fed. 1	U - 47866
Bridle Fed. 2	U - 47866
Bridle Fed. 3	U - 47866
Bridle Fed. 4	U - 47866
Cracker Fed. 1	U - 54197
Cracker Fed. 2	U - 54197
Cracker Fed. 3	U - 54193
Cracker Fed. 4	U - 54196
Wells Fed. 1	U - 54198

2. The other wells as listed in the attachment to this sundry notice are denied. The reason for denial is because the wells are either in a Communitization Agreement (C.A.) or a Federal Unit or they are located outside of the Vernal District. Changes of operator for wells that are C.A.s or Federal Units needed to be filed with our BLM State Office in Salt Lake City, Utah. The changes for the other wells will need to be filed in the appropriate District or Resource Area Office.

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MAR 22 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

5. Lease Designation and Serial No.
U-47866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Lone Mountain Production Company

3. Address and Telephone No.
P.O. Box 3394, Billings, MT 59103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1400' FNL, 600' FEL, Sec. 34-T6S-R22E
(SE $\frac{1}{4}$ NE $\frac{1}{4}$)

RECEIVED

MAR 24 1993

DIVISION OF
OIL GAS & MINING

8. Well Name and No.
Bridle Fed. No. 4

9. API Well No.
43-047-31866

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah County, Utah

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

Lone Mountain Production Company has assumed operations of the above referenced well effective February 22, 1993. The former operator was Marathon Oil Company.

Bond Coverage is provided by Lone Mountain's Statewide Oil & Gas BLM Bond No. UT0719.

Field Operations will be handled by our Grand Junction office.

RECEIVED

FEB 25 1993

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

Signed Jared R. Rosten

Title Petroleum Engineer

Date Feb. 22, 1993

(This space for Federal or State office use)

Approved by Elinor J. Johnson

Title Admin

ASSISTANT DISTRICT
MANAGER MINERALS

Date MAR 23 1993

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-SEC	7-DEC
2-DPS	7/5
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: 10-1-92)

TO (new operator)	<u>LONE MTN PRODUCTION CO</u>	FROM (former operator)	<u>MARATHON OIL COMPANY</u>
(address)	<u>P. O. BOX 3394</u>	(address)	<u>P. O. BOX 2690</u>
	<u>BILLINGS, MT 59103-3394</u>		<u>CODY, WY 82414</u>
	<u>phone (406) 245-5077</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 7210</u>		<u>account no. N 3490</u>

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

Name: **SEE ATTACHED**	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

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-25-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 2-25-93)*
- 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: _____.
- Sec 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.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-24-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(3-24-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(3-24-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-24-93)*
- Sec 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 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)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former 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

- 1 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.
- 1 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1 Rum All attachments to this form have been microfilmed. Date: March 29 1993.

FILING

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

COMMENTS

- 930316 Btm/Moab Approved some of the wells on 3-10-93 eff. 2-23-93. (see other change.)
- 930323 Btm/Vernal Approved some of the wells on 3-16-93 eff. 10-1-92. The remaining wells are unitized or under a C.A. (will be handled on separate change.)
- 930324 Btm/Vernal Approved same wells on 3-23-93, operation of wells eff. 2-22-93.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SUSAN GUFFEY
 LONE MTN PRODUCTION CO
 PO BOX 3394
 BILLINGS MT 59103-3394

UTAH ACCOUNT NUMBER: N7210

REPORT PERIOD (MONTH/YEAR): 6 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
HANCOCK STATE #16-3 4301931237	10686	17S 25E 16	DKTA					
BAR X UNIT 4 4301915023	10692	17S 26E 18	ENRD					
FEDERAL 11-3 4301931240	10746	17S 24E 11	DKTA					
FEDERAL 11-10 4301931241	10747	17S 24E 11	DKTA					
QUINOCO STATE 16-12 4301931243	10763	16S 26E 16	DKTA					
STATE 16-1 4301931266	10924	17S 25E 16	DKTA					
QUINOCO FEDERAL 6-5 4301931267	10926	17S 25E 6	DKTA					
QUINOCO STATE 32-9 4301931282	10946	16S 26E 32	DK-MR					
MARBLE MANSION UNIT #1 4304731865	10997	11S 23E 18	WSTC			454201	Merble Mansion Unit	
✓ BRIDLE FEDERAL 4 4304731866	11011	06S 22E 34	UNTA			447866		
✓ CROQUET FEDERAL 3 4304731867	11013	06S 21E 35	UNTA			453862		
✓ FOOTBALL FED. 29-4 4304731883	11085	06S 21E 29	UNTA			446699		
FEDERAL 20-R 4301931320	11257	17S 25E 10	DKTA					
TOTALS								

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____

OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	6-LEC
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

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: 8-1-96

TO: (new operator) ROSEWOOD RESOURCES INC
 (address) 100 CRESCENT COURT #500
DALLAS TX 75201
 Phone: (214)871-5718
 Account no. N7510

FROM: (old operator) LONE MTN PRODUCTION CO
 (address) PO BOX 3394
BILLINGS MT 59103-3394
 Phone: (406)245-5077
 Account no. N7210

WELL(S) attach additional page if needed:

Name: <u>**SEE ATTACHED**</u>	API: <u>A37A7-31866</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: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 8-7-96)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 8-7-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Yes 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.
- Yes 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(8-29-96)*
- Yes 6. Cardex file has been updated for each well listed above.
- Yes 7. Well file labels have been updated for each well listed above.
- Yes 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.
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VDP 1. All attachments to this form have been microfilmed. Today's date: 9/18/96.

FILING

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

COMMENTS

960829 Btm/Vernal Aprv. 8-26-96.

LONE MOUNTAIN PRODUCTION COMPANY

Mailing Address:
P.O. Box 3394
Billings, MT 59103-3394

(406) 245-5077
FAX 248-6321

Shipping Address:
100 North 27th Street
Suite 650
Billings, MT 59101

August 7, 1996

Lisha Cordova
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

VIA FAX: 1-801-359-3940

RE: RESIGNATION OF OPERATOR
VARIOUS WELLS
UINTAH COUNTY, UTAH

Dear Lisha:

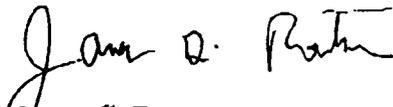
Pursuant to your telephone conversation with Carolyn George this afternoon, attached is a list of federal wells previously operated by Lone Mountain Production Company in the referenced county.

Lone Mountain has resigned as operator of the aforementioned wells and accepts the transfer of operations to Rosewood Resources, Inc., effective August 1, 1996.

Should you have any questions or need further information please contact our office at the letterhead address or phone number.

Sincerely,

LONE MOUNTAIN PRODUCTION COMPANY


James G. Routson
President

Attachment

UTAH FEDERAL WELLS

VERNAL BLM DISTRICT

<u>Well</u>	<u>Lease No.</u>	<u>Location</u>
Shuffleboard Federal No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27: T6S-R21E
Stirrup Federal No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 28: T6S-R21E
Football Federal No. 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 29: T6S-R21E
Croquet Federal No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 35: T6S-R21E
Croquet Federal No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 35: T6S-R21E
Bridle Federal No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 34: T6S-R22E
Bridle Federal No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 34: T6S-R22E
Cracker Federal No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 8: T11S-R23E
Cracker Federal No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 5: T11S-R23E
Cracker Federal No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7: T11S-R23E
Marble Mansion Unit No. 1	U-54201	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 18: T11S-R23E
Oil Springs Unit No. 5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5: T12S-R24E
Oil Springs Unit No. 7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 4: T12S-R24E
Oil Springs Unit No. 10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 5: T12S-R24E

UTAH FEDERAL WELLS*(Rosewood Resources, Inc. assumes operations effective August 1, 1996)***BLM VERNAL DISTRICT**

No.	WELL NAME	LEASE NO.	LOCATION in Uintah County
1)	Shuffleboard Fed. No. 1	U-31255	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27-T6S-R21E
2)	Stinup Fed. No. 28-1	U-34711	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T6S-R21E
3)	Football Fed No 29-4	U-46699	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T6S-R21E
4)	Croquet Fed. No. 1	U-53862	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 35-T6S-R21E
5)	Croquet Fed. No. 2	U-53862	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 35-T6S-R21E
6)	Croquet Fed. No. 3	U-53862	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T6S-R21E
7)	Bridle Fed. No. 1	U-47866	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 34-T6S-R22E
8)	Bridle Fed. No. 2	U-47866	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T6S-R22E
9)	Bridle Fed. No. 3	U-47866	SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T6S-R22E
10)	Bridle Fed. No. 4	U-47866	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 34-T6S-R22E
11)	Cracker Fed. No. 1	U-54197	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 08-T11S-R23E
12)	Cracker Fed. No. 2	U-54197	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 08-T11S-R23E
13)	Cracker Fed No. 3	U-54193	SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 05-T11S-R23E
14)	Cracker Fed. No. 4	U-54196	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 07-T11S-R23E
15)	Marble Mansion Unit #1	U-08424-A	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 18-T11S-R23E
16)	Oil Springs Unit #5	U-08424-A	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 05-T12S-R24E
17)	Oil Springs Unit #7	U-08424-A	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 04-T12S-R24E
18)	Oil Springs Unit #10	U-08424-A	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 05-T12S-R24E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

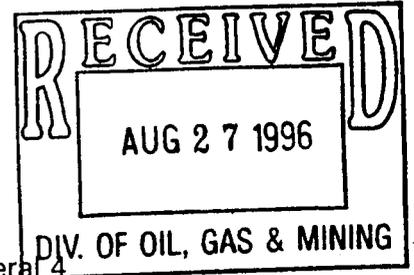
Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

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

IN REPLY REFER TO:
3162.3
UT08300

August 26, 1996

Rosewood Resources, Inc.
Attn: Janet Hambright
100 Crescent Court, Suite 500
Dallas, TX 75201



Re: Well No. Bridle Federal 4
SENE, Sec. 34, T6S, R22E
Lease U-47866
Uintah County, Utah

Dear Ms. Hambright:

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, Rosewood Resources, Inc. is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0627, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager
Minerals Resources

cc: Lone Mountain Production Company
~~Division of Oil, Gas & Mining~~
Best Exploration Inc.
DJ Investment Co.
Marceil Fees Trust
J&K Properties Inc.
T-K Production Co.

Don F. Bradshaw Trust
W S Fees Jr Trust
Harold B. Holden
Morgan Marathon Ltd.
John W. Warner

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

RECEIVED
AUG 27 1996
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial No
U-47866

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
Bridle Fed. No. 4

9. API Well No.
43-047-31866

10. Field and Pool, or Exploratory Area
Horseshoe Bend

11. County or Parish, State
Uintah County, Utah

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Rosewood Resources, Inc.

3. Address and Telephone No.
100 Crescent Court, Suite 500, Dallas, TX 75201 (214) 871-5700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1400' FNL, 600' FEL, Section 34: T6S-R22E (SE¼NE¼)

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 type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<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.)*

Rosewood Resources, Inc. has assumed operation of the above referenced well effective August 1, 1996. The former operator was Lone Mountain Production Company.

Bond Coverage is provided by Rosewood's Nationwide Oil & Gas Bond No. MT0627.

VERNAL DIST.
 ENG. [Signature]
 GEOL. _____
 E.S. _____
 PET. _____
 A.M. _____

RECEIVED
AUG 21 1996

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

Signed [Signature] Title Production Engineer Date August 1, 1996

(This space for Federal or State Office Use)

Approved by [Signature] Title Assistant Field Manager Mineral Resources Date AUG 26 1996

Conditions of approval, if any

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410

<http://www.blm.gov/utah/vernal/index.html>



IN REPLY REFER TO:

Well File

August 18, 2006

CERTIFIED MAIL NUMBER 7006 0100 0004 0588 9295
RETURN RECEIPT REQUESTED

43:047.31866
6S 22E 3A

Attn: Jill Henrie
Rosewood Resources, Inc.
P.O. Box 1668
Vernal, UT 84078

Re: Idle wells, 2006, Uintah Basin, Utah

Dear Ms. Henrie:

Enclosed is a list of Rosewood Resources, Inc. wells that have unapproved or expired temporarily abandoned status. This list contains wells that have no reported production activity. Wells which have had no recent production activity and/or stripped of equipment need to be plugged and abandoned thus reducing the liability on public lands.

Within sixty (60) days of your receipt of this letter, please submit Rosewood's Plan for Plug and Abandonment, Notices of Intent to Abandon (NOIA) and timeframe to plug and abandon the wells by March 31, 2007 which have had no recent production activity and/or stripped of equipment.

Other well's, not addressed by Rosewood to be plugged and abandoned, need to be returned to production or requested by Sundry Notice to have temporarily abandoned status reinstated for a twelve (12) month period. Requests for temporarily abandoned status shall address in detail the future utility of the well bore and time period for when the well will be returned to production.

Within sixty (60) days of your receipt of this letter, please submit a Sundry Notice for each well requesting temporarily abandoned status or a Sundry Notice stating the well has been returned to production.

This is an Order of the Authorized Officer (see 43 CFR 3162.1(a)). Failure to comply with this letter will be considered an act of noncompliance pursuant to 43 CFR 3163.1(a). Please see 43 CFR 3165.3 for information on your review and appeal rights. If you have any questions, please feel free to contact Matt Baker of this office at (435) 781-4490.

Sincerely,

Jerry Kenczka
Acting Assistant Field Manager
Mineral & Land Resources

RECEIVED

OCT 20 2006

DIV. OF OIL, GAS & MINING

Idle Wells 2006 Uintah Basin, Utah

Attn: Jill Henrie
 Rosewood Resources Inc.
 P.O.Box 1668
 Vernal, UT 84078
 435-789-0414

API number	Well name	Well #	Lease/CA #	Status	State	County	QTR	SEC	TWP/LAT	RGE/LON	Last Prod	Comments				
												Documentation	Approved	Expired	Inspected	Comments
43-047-31248		7	UTU08424A	TA	UT	Uintah	SESW	4	12S	24E	Never	Sundry TA	8/5/2005	8/5/2006	No	Access? Road washed out
43-047-15809	Rockwell House	1	UTU0799	TA	UT	Uintah	SESE	10	11S	23E	Never	Sundry TA	3/9/2004	3/1/2005	Yes	Compressor
43-047-15806D1	Rainbow	2-A	UTU0529	TA	UT	Uintah	NESW	18	11S	24E	Feb-96	Inspection report 3-18-04			Yes	Head only
43-047-31678	Bridal Fed	3	UTU47866	TA	UT	Uintah	SWNW	34	6S	22E	Aug-00	Sundry TA	3/9/2004	3/1/2005	Yes	Head only
43-047-31866	Bridal Fed	4	UTU47866	TA	UT	Uintah	SENE	34	6S	22E	Nov-96	Sundry TA	3/9/2004	3/1/2005	Yes	Tanks missing
	Cracker Fed	4	UTU54196	TA	UT	Uintah	SENE	7	11S	23E					Yes	Head disconnected

October 17, 2006

Matt Baker
Petroleum Engineer
United States Department of the Interior
Bureau of Land Management
Vernal Field Office
170 South 500 East
Vernal, Utah 84078

Re: Correspondence dated 08/18/06 idle wells, Uintah Basin, UT
Oil Springs #7 API #43-047-31248
Bridle Federal #3 API #43-047-31678
Bridle Federal #4 API #43-047-31866
Cracker Federal #4 API #43-047-31748
Rainbow 2A API #43-047-15806D1
Rockhouse Unit #1 API #43-047-15809

Dear Mr. Baker:

In response to your letter dated August 18, 2006 please find attached sundry notices to test the above referenced wells and bring them back on line. If such testing should yield the well non-productive, a subsequent sundry will be submitted for your approval to P&A these wells.

At this time we would also like to request an additional 10 days to complete our research on the Rainbow 2A and Rockhouse Unit #1 wells. Our research should be completed and ready for submittal on October 27th, 2006.

The proposed work on the above wells will commence as soon as we are able to secure a workover rig in the area. Please let me know if you have any questions. I can be reached at 303-991-4690 Ext 107, or 303-877-4670 (Cell).

Sincerely,



Jerry H. Dietz
Production Manager
Rosewood Resources, Inc.

Encl.

Bridle Federal #4 Workover Procedure

Notes: Schematic show tbg in the wellbore; however, last tubing record in the well file was from August 1989 (completion).

Procedure

1. MI and unload 360 ft 2-3/8", 4.7# J-55 tbg.
2. MIRU Service Unit.
3. NU BOPE.
4. Swab test perfs, pulling from the SN (3260 KB).
5. RIH w/ tbg and tag fill or PBTB (3521 ft).
6. POOH w/ tbg. Cleanout fill to PBTB or hard drilling if fill was encountered. If there was no fill proceed.
7. RIH w/ perf gun and shoot Green River perfs @ 3427 KB, 3433 KB, 3447 KB, 3451 KB & 3453 KB w/ 4 spf, under balanced.
8. POOH w/ perf gun.
9. Hydrotest to 5000 psi & RIH w/ packer on tbg to 3400 KB. Set pkr @ 3400 KB.
10. Swab test new perfs.
11. Stimulate Green River perfs as necessary.
12. Flow back and swab test Green River perfs.
13. Release pkr & POOH w/ tbg (do not release pkr w/ sand in tbg).
14. RIH w/ production string and artificial lift equipment if necessary.
15. RDMO Service Unit.
16. Prepare location for production (tanks, meters, production unit, flowline, etc.).
17. Return well to production.

Notes:

- 1). **If the Green River perforations are uneconomic, set a CIBP @ 3400' and evaluate the existing perforations.**
 - 2). **If new Green River Perforations prove uneconomic and existing Uintah "B" perforations prove uneconomic, P&A the wellbore.**
-

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 reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-47866

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

Bridle Fed. #4

9. API Well No.

43-047-31866

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

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

SE/NE SEC 34 T6S, R22E
1400' FNL 600' FEL SLB&M

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 Change of Plans
 Recompletion New Construction
 Plugging Back Non-Routine Fracturing
 Casing Repair Water Shut-Off
 Altering Casing Conversion to Injection
 Other proposed P&A procedure 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.)*

Rosewood Resources, Inc. respectfully requests attached Plug and Abandon procedure be approved for above mentioned well. Please feel free to call Tony Urruty in our Denver office with any questions at 303-991-4690 ext. #108.

Thank You

Jill Henrie Rosewood Resources, Inc.
Vernal Utah Field Office
435-789-0414 x10

RECEIVED

MAR 23 2007

DIV. OF OIL, GAS & MINING

COPIES: ORIG. & 2-BLM; DIV. OG&M; DALLAS OFFICE, DENVER OFFICE

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

Signed

[Signature]

Title Administrative Assistant

Date 03/20/07

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Accepted by the
Title Utah Division of
Oil, Gas and Mining

Date

Federal Approval Of This
Action Is Necessary

Date: 3/29/07

By:

[Signature]
*Recommend plug @ Surface Show

Bridle Federal #4

P&A Procedure

Procedure

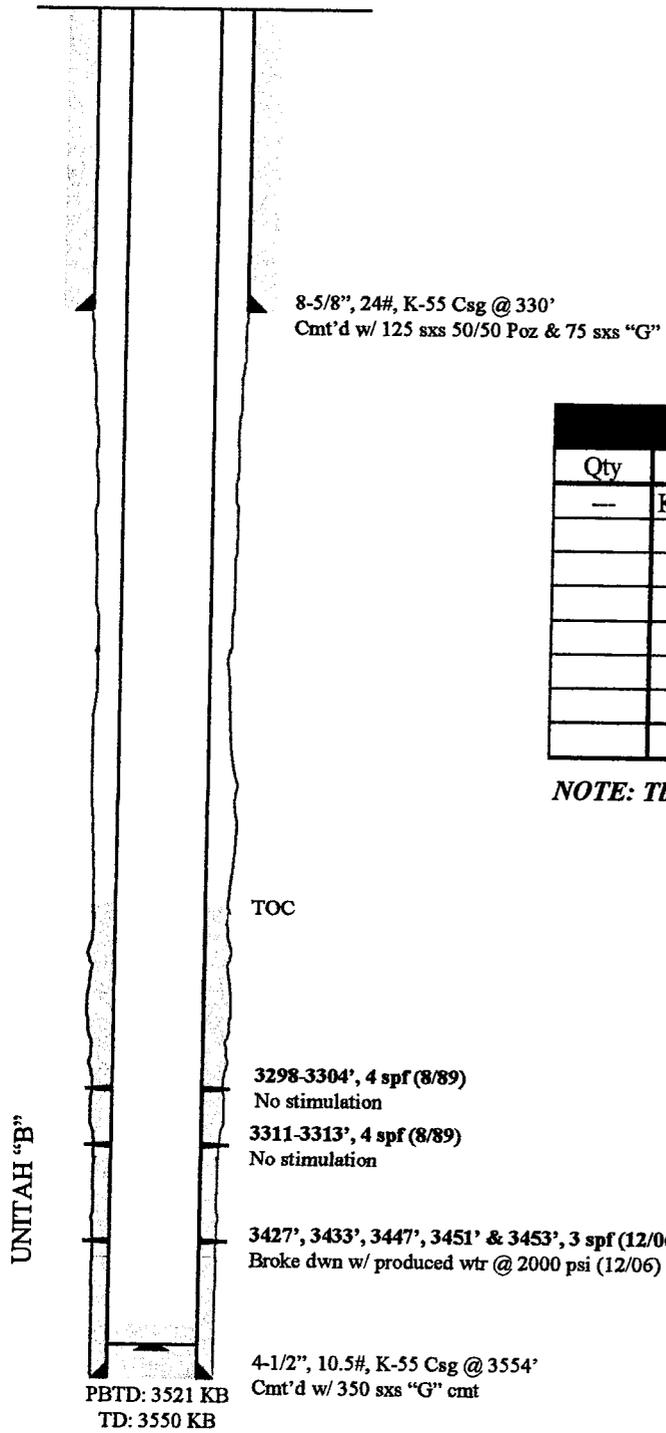
1. Notify BLM (435-781-4400) & the Utah Division of Oil, Gas and Mining (801-538-5329) at least 24 hrs prior to plugging operations.
2. MIRU Pulling Unit.
3. Unload 3400 ft 2-3/8" workstring.
4. PU & RIH w/ 4-1/2" CIBP to 3250 KB.
5. Set CIBP @ 3250 KB.
6. Establish circulation.
7. Mix and pump 13 sxs "G" cmt on top of CIBP @ 3250 KB.
8. POOH & LD tbg to 2800 KB.
9. Reverse circulate tbg clean with 17 bbls produced water.
10. POOH & LD tbg to 1550 KB.
11. POOH & stand back remaining tbg.
12. MIRU perforators.
13. Perforate 4 squeeze holes @ 1600 KB & 4 squeeze holes @ 100 KB.
14. RDMO perforators.
15. PU & RIH w/ CICR to 1550 KB.
16. Set CICR @ 1550 KB.
17. Establish circulation into squeeze perms below CICR.
18. Mix & pump 30 sxs "G" cmt below CICR & spot 5 sxs "G" cmt on top of CICR.
19. POOH & LD tbg to 1100 KB.
20. Reverse circulate tbg clean with 7 bbls.
21. POOH & LD remaining tbg.
22. Establish circulation dwn casing into squeeze perms @ 100 KB.
23. Mix and pump 30 sxs "G" cmt dwn csg.
24. Circulate cmt to surface.
25. RDMO Pulling Unit.
26. Cut off casing at least 4 ft below ground level.
27. Install dry hole marker in accordance to BLM & Utah Division of Oil, Gas and Mining stipulations.
28. Reclaim location according to BLM requirements.

ROSEWOOD RESOURCES, INC. WELLBORE DIAGRAM AND INFORMATION

Well Name: Bridle Fed #4
 Date: 10/12/06 TJU
 County: Uintah

Field: Horseshoe Bend
 Location: SE/NE Sec. 34-T-6S-R22E
 State: Utah

Surface: 1400' FNL, 600' FEL
 SE/NE Sec. 34-T06S-R22E
 Uintah County, CO
 Completed: August 1989
 Elevation: 5043'
 KB: 5057'
 API #: 43-047-31866



TUBING DETAIL (12/19/06)			
Qty	Description	Length	Depth
—	KB Correction	14.00	14.00

NOTE: Tbg removed during 12/06 Workover.

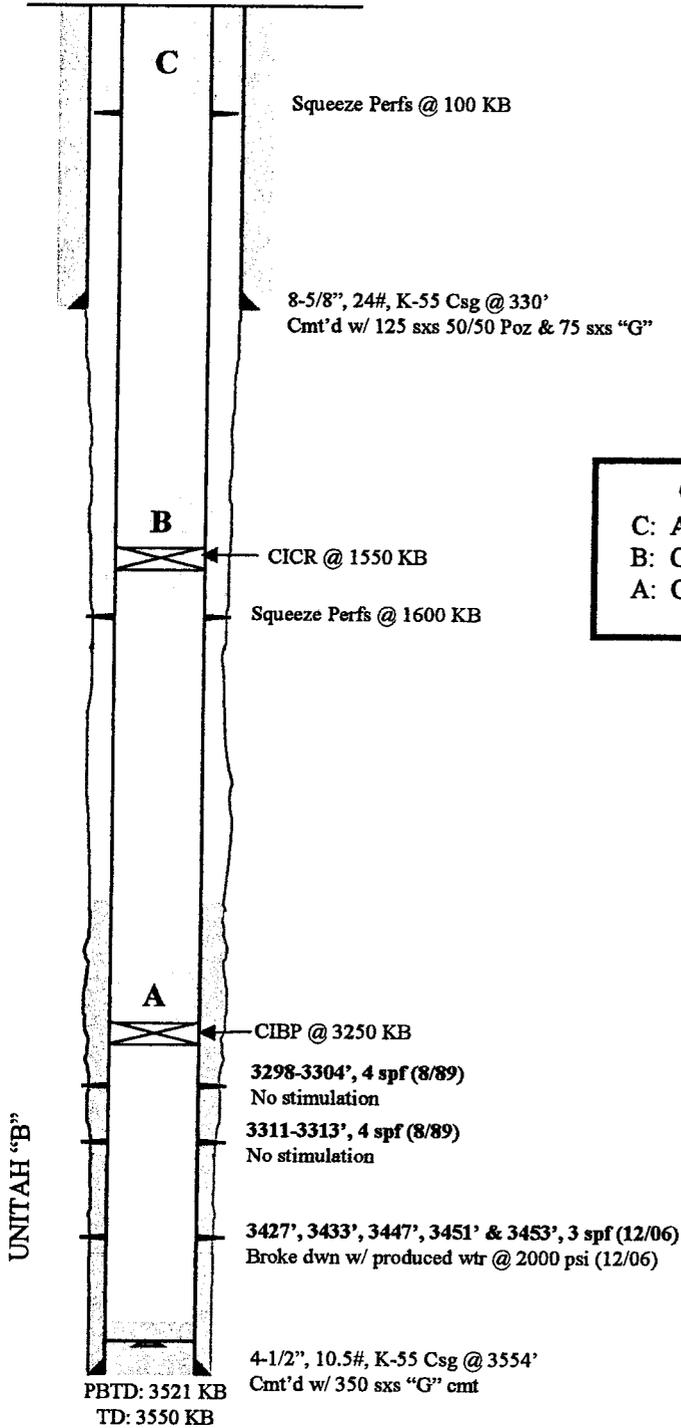
CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24#	K-55	Surf - 330'
4-1/2"	10.5#	K-55	Surf - 3554'

ROSEWOOD RESOURCES, INC. PROPOSED P&A SCHEMATIC

Well Name: Bridle Fed #4
 Date: 10/12/06 TJU
 County: Uintah

Field: Horseshoe Bend
 Location: SE/NE Sec. 34-T-6S-R22E
 State: Utah

Surface: 1400' FNL, 600' FEL
 SE/NE Sec. 34-T06S-R22E
 Uintah County, CO
 Completed: August 1989
 Elevation: 5043'
 KB: 5057'
 API #: 43-047-31866



Cement Plug Tops and Volumes

C: Annulus = Surface, Casing = Surface (30 sxs "G")
 B: Casing = 1500' (35 sxs "G")
 A: Casing = 3100' (13 sxs "G")

CASING DETAIL			
Size	Weight	Grade	Depth
8-5/8"	24#	K-55	Surf - 330'
4-1/2"	10.5#	K-55	Surf - 3554'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-47866

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
N/A

8. Well Name and No.
Bridle Fed. #4

9. API Well No.
43-047-31866

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE/NE SEC 34 T6S, R22E
1400' FNL 600' FEL SLB&M

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

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Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

The above mentioned well has been plugged and abandoned. Please see attached rig reports and feel free to call with any questions or concerns.

Alan Walker - BLM Witness

Thank You
Jill Henrie Rosewood Resources, Inc.
Vernal Utah Field Office
435-789-0414 x10

RECEIVED

DEC 03 2007

DIV. OF OIL, GAS & MINING

COPIES: ORIG. & 2-BLM; DIV. OG&M; DALLAS OFFICE, DENVER OFFICE

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

Signed Jill Henrie Title Administrative Assistant Date 11/29/07

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

ROSEWOOD RESOURCES, INC.

Daily Report

WELL NAME: Bridle #4

Legals: SENE Sec 34, T11S R22E
County: UINTAH UTAH

Engineer: J. Watkins
Field Supervisor: D. Atwood

Turnkey Cost: \$35,000

11/26/07

Rig up.
NDWH. NUBOP.
TIH with 4 1/2 bit to 3223'.
TOH.
TIH with 4 1/2 CICR and set at 3223'.
Pressure test casing held.
Mix and pump 15 sxs class G cement.
TOH.
Prepare for wireline in morning.
SDFN.

11/27/07

TIH with wireline. Shot perms at 2125'.
Got a zero rate into perms.
Shot perms at 475'.
TIH to 2191'.
Mix and pump 25 sxs class G cement.
TOH.
NDBOP.
TIH with CICR and set at 406'.
Broke circulation through surface annulus.
Mix and pump cement under CICR to surface (90 sxs), stung out of CICR
and filled production casing with cement to surface (30 sxs).
TOH.
RD.

All changes to procedure approved by Ryan Angus Vernal BLM Eng.
Witnessed by Alan Walker Vernal BLM PT*

11/28/07

Cut off well head
Top off with cement
Weld on plate
Move out

Turnkey Cost: \$35,000

Final Report

ROSEWOOD RESOURCES, INC.**Daily Workover Report**

WELL NAME: Bridle #4

TODAYS DATE: 12/19/2006

Legals: SENE Sec 34, T11S R22E
County: UINTAH UTAHEngineer: J. Dietz
Field Supervisor: D. Atwood

12/11/06

Moved rig in. Rigged up.
 Rigged up swab equipment. Started to swab.
 Initial fluid level at 500' pulled 4 runs from 2000' recovering 16.5 bbls clear water.
 Fluid level dropped to 1800' pulled 5 runs from seat nipple recovering 15 bbls. Clear water and some gas.
 Final fluid level at 2500' recovered 31.5 bbls total.
 S.D.F.N.

Daily cost \$6,990 cum. cost \$6,990 A.F.E. \$ 349,000

12/12/2006

120 psi on tbg. 240 psi on csg. Shut in four 14 hours.
 Started to swab.
 Initial fluid level at 1500'. Pulled 14 runs from seat nipple recovering 24.75 bbls water 1 % fine silt in grind out.
 Fluid level dropped to 3200'. Pulled 5 hourly runs from seat nipple after recovering 7.75 bbls water & some gas.
 Water had trace of fine silt in grind out.
 Final fluid level at 3200'. Recovered 32.5 bbls total .75 bbls fluid entry per hour.
 S.D.F.N.

Daily cost \$5,400 cum. cost \$12,390 A.F.E. \$ 349,000

12/13/2006

130 psi on tbg. 530 psi on csg. Shut in for 14 hours
 Blew well to tank . Well blew down in 1 min.
 Started to swab
 Initial fluid level at 1800' pulled 2 runs from seat nipple recovering 7 bbls water 1/2 of 1 % fine silt in grind out.
 Well started flowing. Flowed well for 1 hour no water. Started swabbing.
 Fluid level dropped to 2700'. Pulled 1 run. Well started flowing for 30 min.
 Made 2 hourly runs from seat nipple recovering 7.75 bbls water & gas.
 Final fluid level at 3200'. recovered 14.75 bbls total .75 bbls fluid entry per hour.
 Nipple down wellhead . Nipple up B.O.P.
 Picked up 6 jts. tagged fill @ 3486'.
 Pooh w / 5 jts. 1-4' 1- 8' 2 3/8" tbg, sub's, 103 jts 2 3/8" tbg, 1-8' tbg, sub, 1-jt, S/N, disc assy, 1 jt 1-4' tbg, sub & Vanngun.
 S.D.F.N.

Daily cost \$4,976 cum. cost \$17,366 A.F.E. \$ 349,000

12/14/2006

300 psi on csg. Shut in for 14 hours. Blew well to tank . Well blew down in 1 min.
Rigged up wireline. Rih w/ Cement Bond Logging tool's.
Filled hole with 35 bbls. Run bond log. Seen existing perf's on log.
Lost signal to logging tool due to fluid level @ 2940'. Good bond across proposed perfs.
Rih w/ perf gun. Shoot perf's @ 3224', 3433', 3447', 3451' & 3453'. 32 gram charge.
120 degree phasing 3 s.p.f. Rigged down wireline. Rih w/ 4 1/2 Arrowset packer,
seat nipple & 107 jts 2 3/8 tbg. Hydro testing to 5000 psi. Set packer @ 3377'. Break
down perf's w/ rig pump. Well broke back @ 2000 psi. Pumped 10 bbls at 3 b.p.m. @ 1200 psi.
Started to swab. Initial fluid level at surface. Pulled 6 runs. 2 from seat nipple recovering
14.75 bbls water & gas. Final fluid level at 1800'. Recovered 14.75 bbls total. 2.5 bbls
fluid entry per hour.
S.D.F.N.

Daily cost \$17,128 cum. cost \$34,494 A.F.E. \$ 349,000

12/15/2006

450 psi on csg. Shut in four 14 hours. Blew well to tank. Well blew down in 10 min.
Started to swab.
Initial fluid level at surface. Pulled 6 runs. 2 from seat nipple.
Started swabbing. 1 run every 30 min. Recovering 26.75 bbls water & gas.
Final fluid level at 3300'. Recovered 26.75 bbls total. 2.5 bbls fluid entry per hour.
S.D.F.N.

Daily cost \$5,329 cum. cost \$39,823 A.F.E. \$ 349,000

12/18/2006

240 psi on tbg. 40 psi on csg. Shut in for 62 hours. Blew well to tank. Well blew down in 5 min.
Started to swab. Initial fluid level at 1000'. Pulled 3 runs. Final 2 from seat nipple recovering 7.5
bbls water & very little gas. Started swabbing 1 run every 30 min. Made 1 run recovering .5 bbls
water & very little gas. Started swabbing 1 run every hour. Made 3 runs recovering 3.25 bbls
water & very little gas. No blow after run. Final fluid level at 3200'. Recovered 11.25 bbls total.
1.25 bbls fluid entry per hour. Rigged down swab. Unseat packer. Pooh laying down w/ 107
jts 2 3/8 tbg, seat nipple, 4 1/2 Arrowset packer. Nipple down B.O.P. Nipple up wellhead.
Rigged down moved off location. New and old perf's not profitable. Wait on plugging procedure.

Daily cost \$6,009 cum. cost \$45,832 A.F.E. \$ 349,000