

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 27, 1982

RECEIVED
SEP 28 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Norm Stout

Re: Arco Federal "H" #1
Section 12-T16S-R25E
Grand County, Utah

Gentlemen:

Enclosed for your review and approval please find one copy of the APD/MSUOP for the captioned well. TXO Production Corp. requests an administrative exception for this location. Topographical constraints dictated this drillsite being placed only 915 feet from the west section line and 2254 feet from the existing Tenneco Federal 13-4 well in Section 13-T16S-R25E.

We anticipate spudding this well on or about October 10, 1982, so an expeditious review of this application is requested. If you have any questions regarding this application, please contact me at this office. 303 861 4246

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban
Environmental Scientist

*CAUSE # 107-1
7,500' OTHERWISE
EXCEPTION, BUT NOT
CLOSER THAN 2,000 TO
PRODUCING WELL IN SAME
FORMATION*
PU/BS
Enclosure/as stated

UNITED STATES MANAGEMENT
DEPARTMENT OF THE INTERIOR
OIL & GAS OPERATIONS
GEOLOGICAL SURVEY RECEIVED

EA-504-82

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: Paul Urban

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1664' FSL, 915' FWL, Section 12-T16S-R25E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 27 miles NW of Mack, Colorado.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 979'

16. NO. OF ACRES IN LEASE 920

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. Approx. 3450'

19. PROPOSED DEPTH 5900'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7201' GR

22. APPROX. DATE WORK WILL START* October 10, 1982

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	2400'	200 sacks
6 1/4"	4 1/2"	10.5#	5900'	150 sacks

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 R. E. Dashner TITLE District Drilling Engineer DATE September 27, 1982
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. P. Martin FOR E. W. GUYNN DATE OCT 06 1982
 CONDITIONS OF APPROVAL, IF ANY: _____ TITLE DISTRICT OIL & GAS SUPERVISOR

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

EA-504-82

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO. U-0126528 ✓
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME - - -
 7. UNIT AGREEMENT NAME - - -
 8. FARM OR LEASE NAME Arco Federal "H" ✓
 9. WELL NO. #1
 10. FIELD AND POOL, OR WILDCAT San Arroyo ✓
 11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA Section 12-T16S-R25E
 12. COUNTY OR PARISH Grand 13. STATE Utah
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 27 miles NW of Mack, Colorado.
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 979'
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APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 9-29-82
BY: *[Signature]*

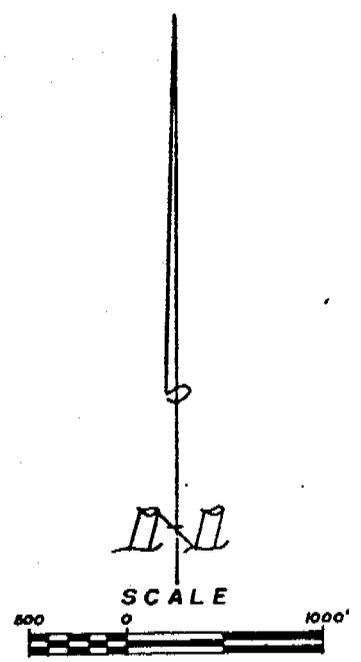
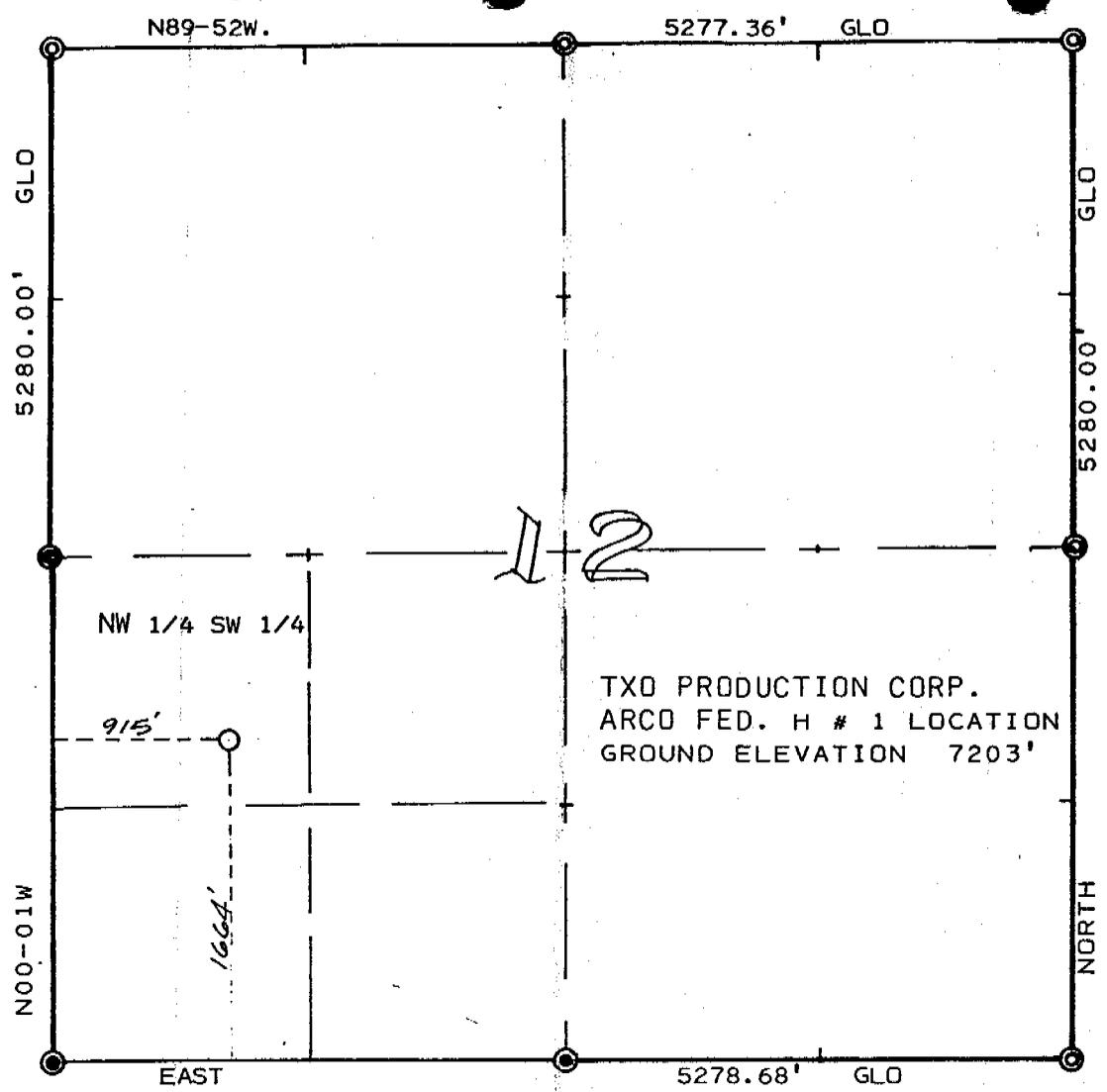
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24. SIGNED R.E. Dashner TITLE District Drilling Engineer DATE September 27, 1982
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

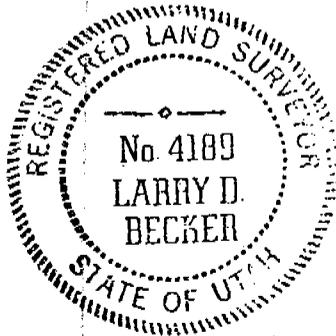
SEC. 12, T. 16S., R. 25 E. OF THE S.L.M. P.M.



- LEGEND**
- STANDARD LOCATION OF GLO CORNERS.
 - GLO CORNERS FOUND.
 - WELL LOCATION STAKED.
- REFERENCE DOCUMENTS**
- 1923 GLO PLAT
 - JIM CANYON, UTAH
 - QUADRANGLE, USGS

BEARINGS ARE BASED ON THE SOUTH HALF OF THE WEST LINE OF SEC. 12

THIS WELL LOCATION PLAT WAS PREPARED FOR TXO PRODUCTION CORP.
 AS REQUESTED BY PAUL URBAN, TO LOCATE THE
ARCO FEDERAL H # 1, 1664' F.N. L. & 915' F.W. L.,
 IN THE NW 1/4 SW 1/4, OF SECTION 12, T. 16S., R. 25 E. OF THE S.L.M. P.M.
GRAND COUNTY, UTAH



SURVEYOR'S CERTIFICATE

I, LARRY D. BECKER A REGISTERED LAND SURVEYOR
 IN THE STATE OF UTAH DO HEREBY CERTIFY THAT THIS
 SURVEY WAS MADE UNDER MY DIRECT SUPERVISION AND
 THAT THIS PLAT REPRESENTS SAID SURVEY.

Larry D. Becker
 UTAH L.S. NO. 4189

SURVEYED	9-23-82	ENERGY SURVEYS & ENGINEERING CORP.	Exhibit 2 Survey Plat	SCALE 1" = 1000'
DRAWN	9-26-82			JOB NO.
CHECKED	9-26-82			SHEET

Existing Road

Existing Location

Proposed
Arco Federal "H" #1

1 mile radius

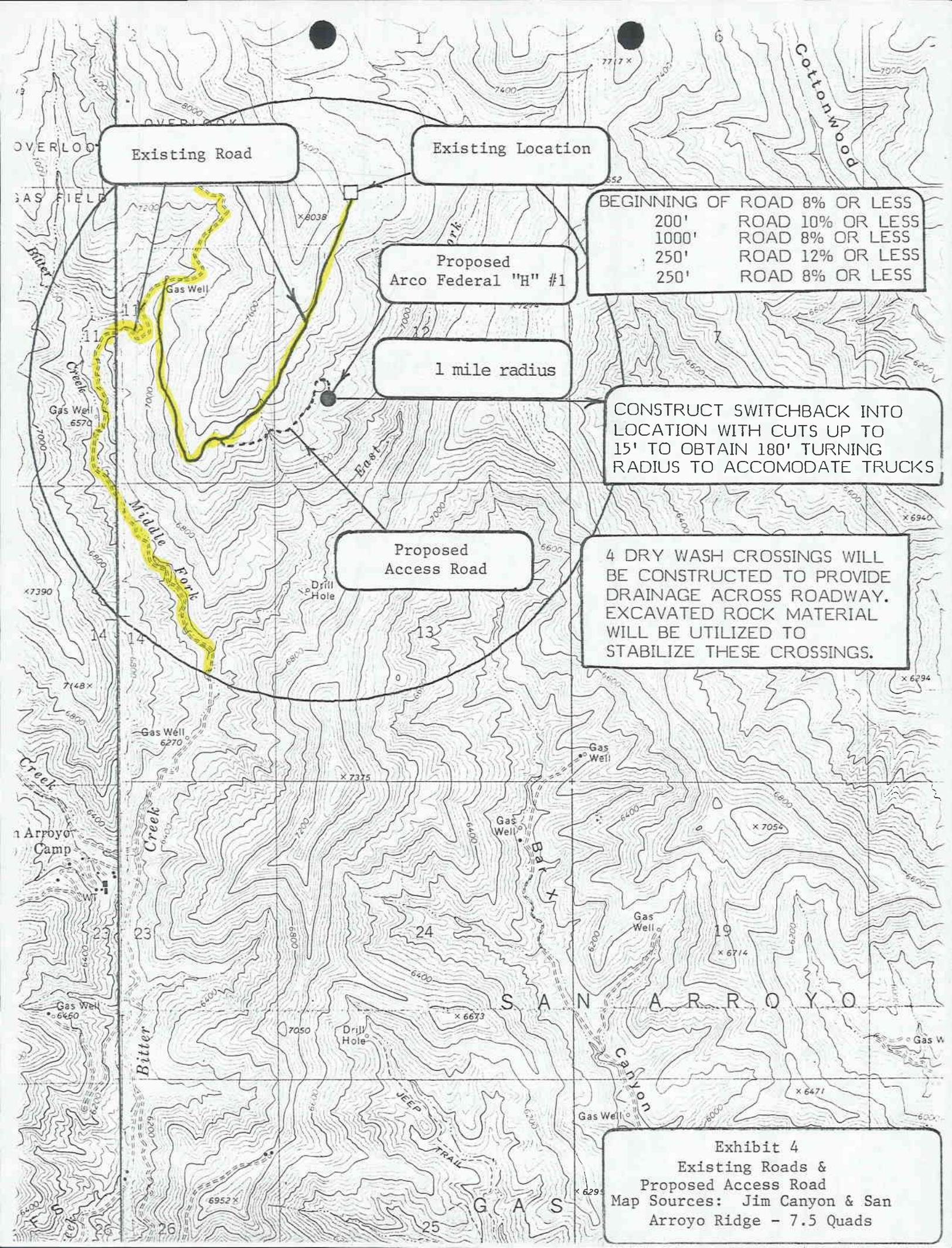
Proposed
Access Road

BEGINNING OF ROAD 8% OR LESS
200' ROAD 10% OR LESS
1000' ROAD 8% OR LESS
250' ROAD 12% OR LESS
250' ROAD 8% OR LESS

CONSTRUCT SWITCHBACK INTO
LOCATION WITH CUTS UP TO
15' TO OBTAIN 180' TURNING
RADIUS TO ACCOMODATE TRUCKS

4 DRY WASH CROSSINGS WILL
BE CONSTRUCTED TO PROVIDE
DRAINAGE ACROSS ROADWAY.
EXCAVATED ROCK MATERIAL
WILL BE UTILIZED TO
STABILIZE THESE CROSSINGS.

Exhibit 4
Existing Roads &
Proposed Access Road
Map Sources: Jim Canyon & San
Arroyo Ridge - 7.5 Quads



9-331 C ADDENDUM
Arco Federal "H" #1
Section 12-T16S-R25E
Grand County, Utah

1. SURFACE FORMATION: Mesaverde

2. ESTIMATED FORMATION TOPS:

Buck Tongue	1650'
Castlegate	2000'
Mancos	2200'
Dakota	5550'
Morrison	5790'
Total Depth	5900'

3. ESTIMATED DEPTH AT WHICH OIL, GAS, WATER OR OTHER MINERAL BEARING ZONES ARE EXPECTED TO BE ENCOUNTERED:

Expected Gas Zones:	Dakota	5550'
	Morrison	5790'

Water may be encountered in the Mesaverde and Castlegate Formations.

4. CASING PROGRAM AS PER FORM 9-331 C.

5. 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 (greater than the anticipated bottomhole pressure of 1100 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.

C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.

D. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

6. MUD PROGRAM:

0'-300' Air or air mist. If necessary, will use spud mud at 8.8-9.2#/gal., vis. 28-32 sec. API.

300'-TD Air or air mist. If necessary, will use aerated mud at 8.4-8.6#/gal., vis. 35-45 sec. API.

7. 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.

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. Logging will consist of the following: DISFL-GR from surface to TD, SNP-FDC-GR-CAL from TD to intermediate pipe; if logged wet, CNL-FDC-GR-CAL.
- C. No DST's are planned.

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H₂S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

Start location construction	October 10, 1982
Spud date	October 20, 1982
Complete drilling	November 10, 1982
Completed, ready for pipeline	December 1, 1982

- 11. Productive zones will be perforated, tested and treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment of a zone (acidizing and/or fracing) can only be determined after the zone has been tested. A completion program will be furnished after drilling and logging.

TXO PRODUCTION CORP.
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: September 27, 1982

WELL NAME: Arco Federal "H" #1

LOCATION: 1664' FSL, 915' FWL, Section 12-T16S-R25E, Grand County, Utah.

NOTE: This Plan incorporates the stipulations discussed on the on-site inspection held with the Bureau of Land Management on September 23, 1982.

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 1664' FSL and 915' FWL in Section 12-T16S-R25E.
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west on Highway 6 for 8 1/4 miles to "2 Road." Then turn right on "2 Road" and proceed northwest on an improved gravel road for 10.2 miles to a fork. Take the right fork (left fork goes up San Arroyo Ridge) and follow Bitter Creek along an unimproved dirt road for 7.4 miles to a fork. Take the right fork and follow the existing improved road 0.6 miles to the beginning of the proposed access road.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: Portions of the last 4.8 miles of existing access road will require upgrading. During wet periods some maintenance may be necessary to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate watering the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road, approximately 2000 feet long, will be constructed in an east-west direction between the existing road and the north side of the pad. The proposed road will be 18-20 feet wide with a grade of 8% or less. One 200' stretch of the road will have a maximum grade of 10% and another 250' stretch will have a maximum grade of 12%. The road is on a slope of approximately 30%, with four drainages requiring low-water crossings. As the road comes into the location a switchback with a 180° turning radius will be constructed. There will be no cattleguards, gates or cutting of fences. Refer to Exhibit 4.

3. LOCATION OF EXISTING WELLS

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

- A. Water Wells-None
- B. Abandoned Wells-Tenneco 2 Fed., Sec. 14-T16S-R25E
- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-ARCO 1 Gilbert Fed., Sec. 11-T16S-R25E
ARCO 174-1 Fed., Sec. 11-T16S-R25E
BMG 1 Norton, Sec. 13-T16S-R25E
Tenneco 4 Carlson-USA, Sec. 13-T16S-R25E
Teton 2 Fed., Sec. 12-T16S-R25E
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:

- 1. Tank Batteries-None
- 2. Production Facilities-None
- 3. Oil Gathering Lines-None
- 4. Gas Gathering Lines-None
- 5. Injection Lines-None
- 6. Disposal Lines-None

B. If new facilities are contemplated, in the event of production, show:

- 1. Proposed location 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 a production pit, a blowdown pit, a production unit, and, if necessary, a dehydrator. These facilities will be painted either a dark green or light tan in accordance with BLM-specified colors for the Book Cliffs area. The facilities will be located as shown on Exhibit 6. The pit will be located in cut, will contain all water production and be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
- 4. Protective devices and measures to protect livestock and wildlife: The water production pit will be fenced with woven wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be obtained from one of three sources: Westwater Creek, a pond in Section 31-T15S-R23E or West Salt Wash in Colorado. The source selected will depend on water availability and road conditions.
- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the route shown in green on Exhibit 3.
- 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 materials to construct a level location. Prior to constructing location, vegetation will be stripped from pad and this material will be stockpiled on the southwest corner of the pad. Any trees, on the pad or along the access road, larger than 4" in diameter will be bucked into 4' lengths and removed from the location. Approximately 6" of topsoil will be stripped from the pad area and stockpiled on the south side of the pad for later use during rehabilitation on the disturbed areas. Additional material, if needed, will be purchased from the dirt contractor.
- B. Identify if from Federal or Indian Land: All affected land is federal and under the management of the Bureau of Land Management.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 8,904 cubic yards of material will be derived from cuts on location and approximately 8,028 cubic yards of fill is needed. Refer to Exhibit 7.
- D. Show any needed access roads crossing Federal or Indian Lands: The access road will cross BLM administered lands in Sections 11 and 12-T16S-R25E. Refer to Exhibit 4.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during operations.

- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced with four strands of barbed wire and flagged to protect animals. The drilling reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location.
- G. 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 a sanitary landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

Identify all proposed camps and airstrips on a map as to their location, area required and construction methods: None planned.

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7a and 7b.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7a.
- C. Rig orientation, parking area: Refer to Exhibit 7a.
- D. Statement regarding pit lining: Reserve pit will be unlined. However, if the sub-surface structure is too porous or is highly fractured, a four inch layer of bentonite will be used as a lining for the pit.

10. PLANS FOR RESTORATION OF SURFACE

- A. Backfilling, levelling, contouring, and waste disposal: Upon completion of the well, the site will be cleared of all debris and the mouse and rat holes filled. The reserve pit will be dried and backfilled. Disturbed areas of the pad not needed for production facilities will be graded to an appearance consistent with the natural contours. These areas will then be covered with topsoil, disked and reseeded with a seed mixture recommended by BLM. If the well is not commercially productive, the entire pad will be reclaimed as described above.

In the event the well is not a producer, that portion of the access road requested by BLM to be rehabilitated will be covered with topsoil, disked and reseeded with a BLM-recommended seed mixture. Shrubby plants removed during road construction will be scattered randomly along the road to provide a natural appearance, control erosion and enhance seed production.

- B. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- C. If any oil is in the pit, it will be removed or overhead flagging will be installed.

- D. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately December 1, 1982, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The location is on a steep east facing slope. The soil in the area consists of a silty loam. Vegetation accounts for approximately 60 percent of the ground cover and is comprised of pinion pine, sagebrush, juniper, oak brush, herbs and native grasses. Animals include deer, small mammals, and birds.
- B. Other surface-use activities and surface ownership of all involved lands: The affected land is federally owned. The primary surface uses are oil and gas production and ranching.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. An ephemeral stream flows through Bitter Creek Canyon. An archeological survey has been performed and the results will be forwarded to the Moab office of the BLM.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

Include the 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.

Ronald E. Dashner
District Drilling Engineer
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 690-5650 - Residence

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

Paul Urban
Environmental Scientist
TXO Production Corp.
1800 Lincoln Center Building
1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Business
(303) 429-2908 - Residence

13. CERTIFICATES

The following statement is to be included in the plan and must be signed by the lessee's or operator's field representative who is identified in Item No. 12 of the plan.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and 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, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: September 27, 1982



R.E. Dashner
District Drilling Engineer

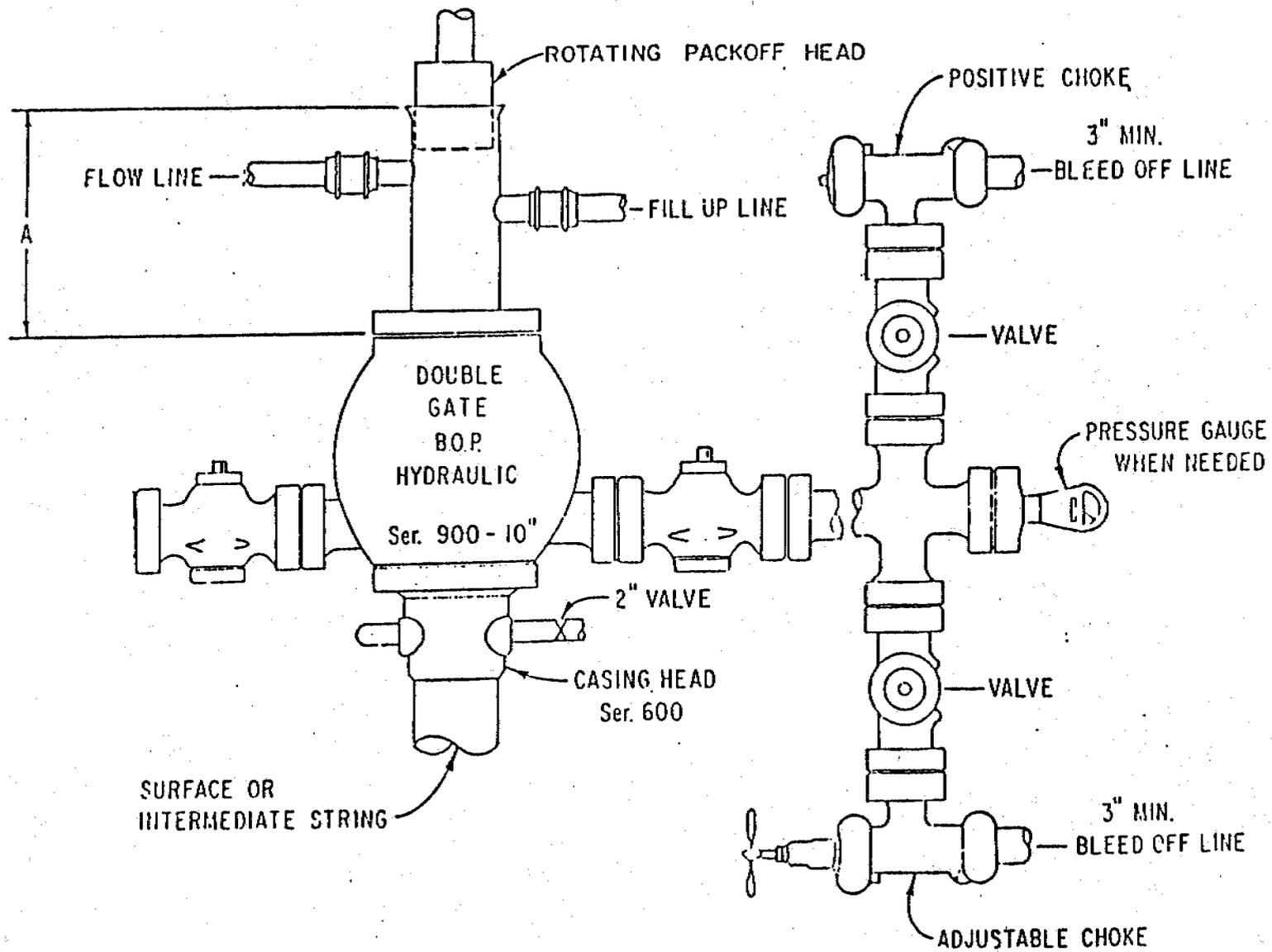
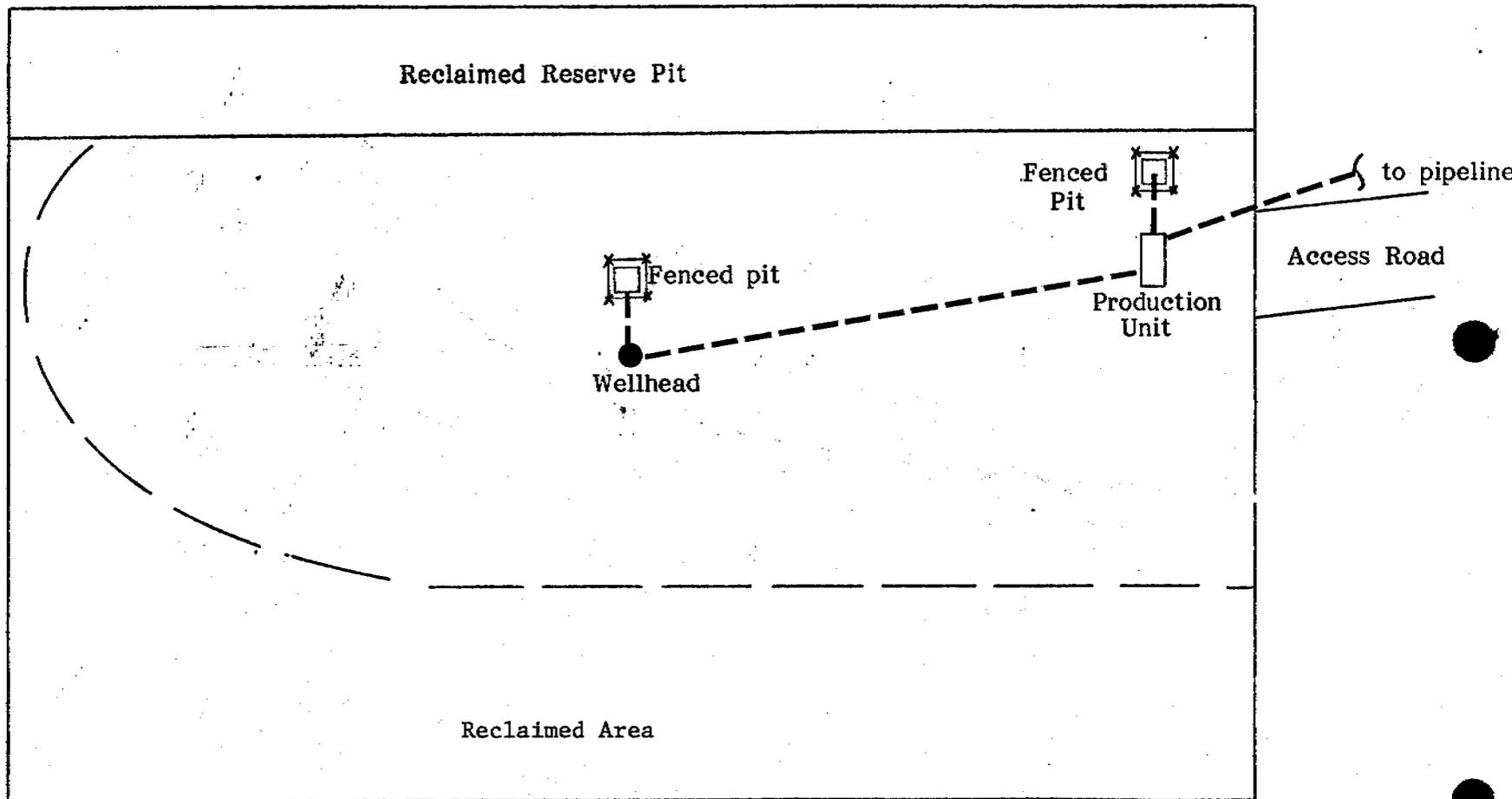


EXHIBIT I
 BLOWOUT PREVENTER DIAGRAM

Exhibit 6
Production
Facilities

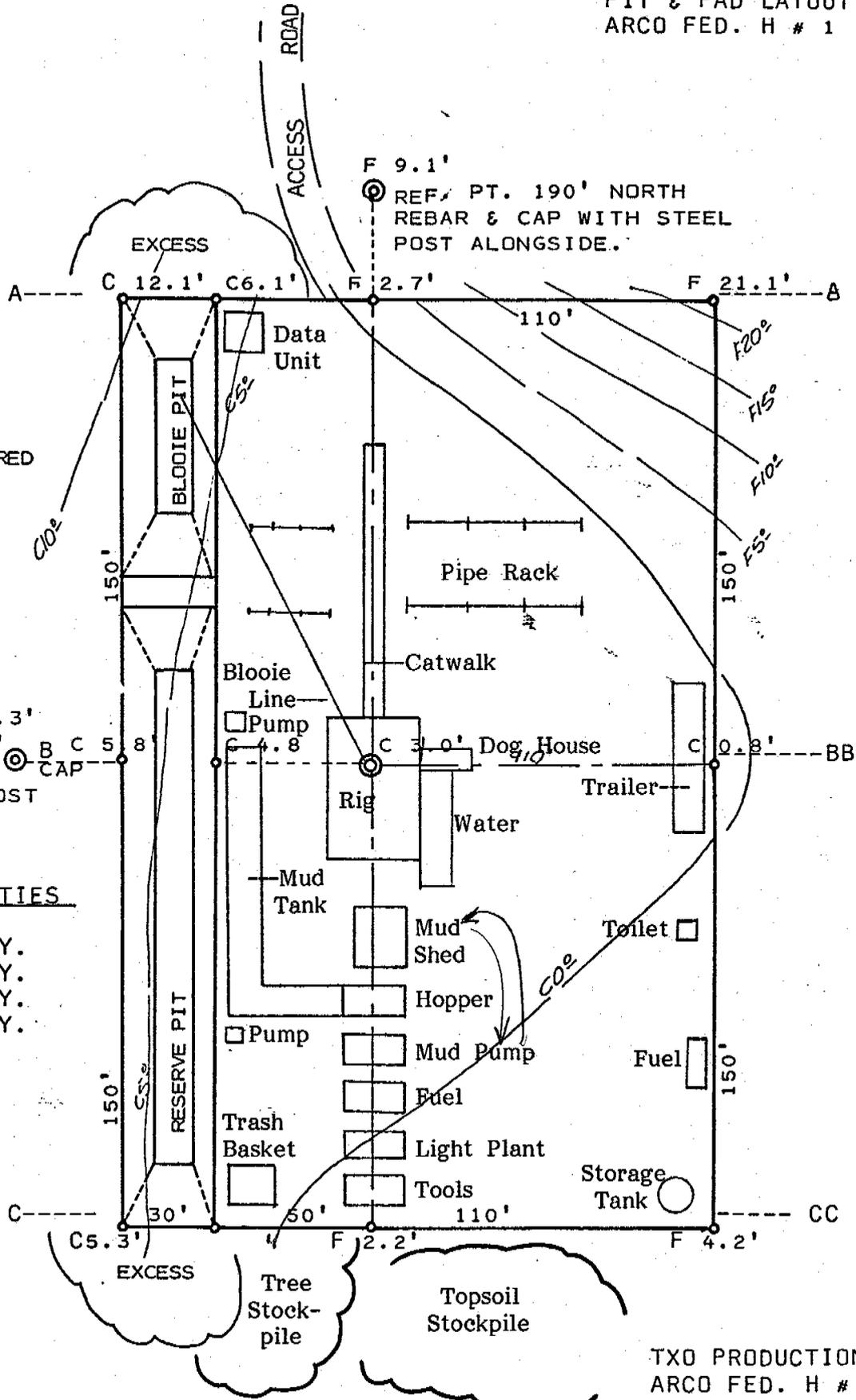
Scale: 1"=40'



- 1) Pit will be 10' x 10' x 6' deep, and will be surrounded by a 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 shut-down system will be installed.
- 5) Separator will be an ASME coded vessel.

EXHIBIT
PIT & PAD LAYOUT
ARCO FED. H # 1

LOCATION IS COVERED
WITH VEGETATION
GAMBEL SCRUB OAK
PINON PINE
DOUGLAS FIR
JUNIPER
SERVICEBERRY
MT. MAHOGANY



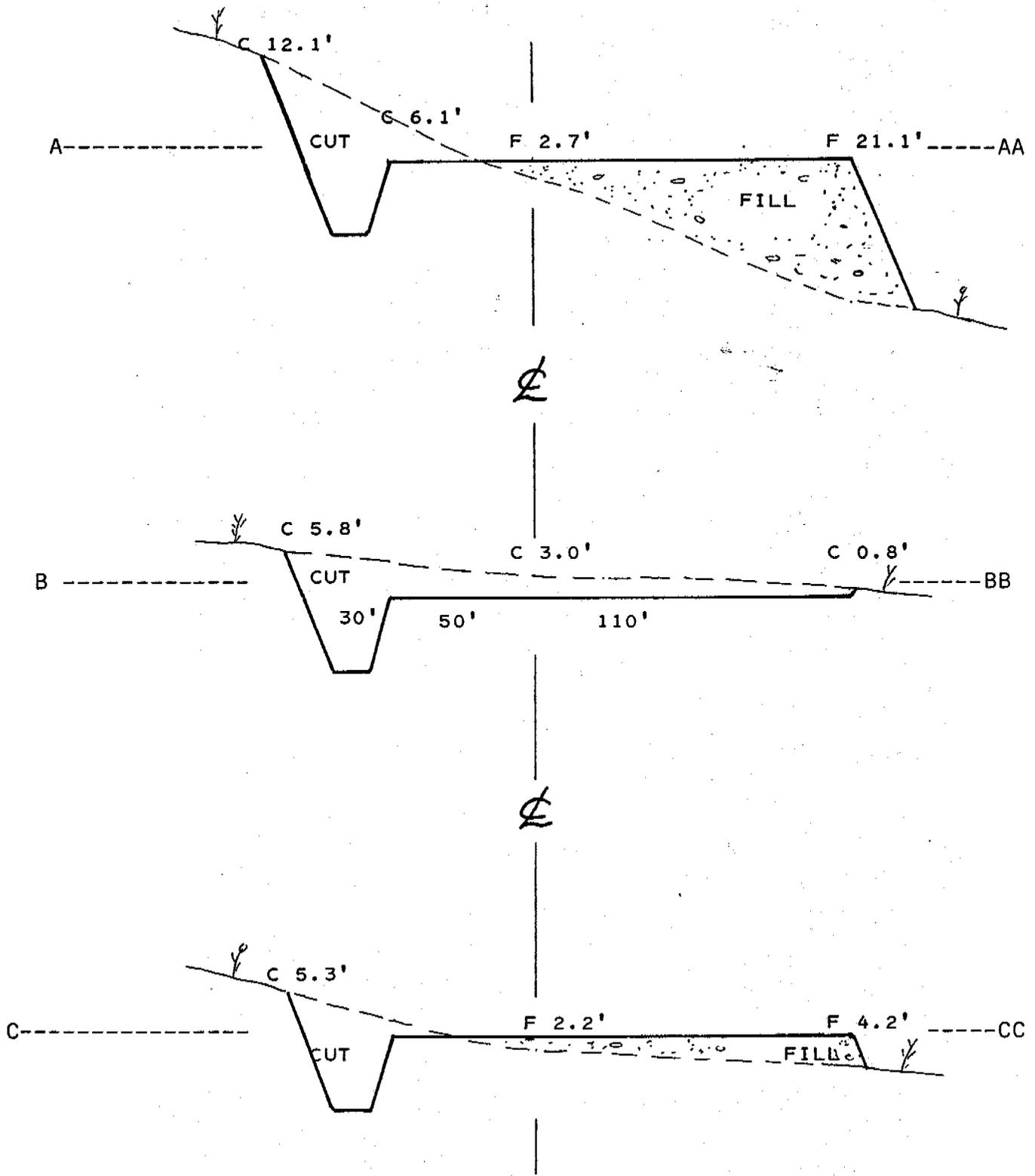
ESTIMATED QUANTITIES

CUT	6200 C.Y.
FILL	2300 C.Y.
TOPSOIL	2100 C.Y.
EXCESS	1800 C.Y.

PREPARED BY
ENERGY SURVEYS & ENG'R. CORP.

TXO PRODUCTION CO.
ARCO FED. H # 1

EXHIBIT
CROSS-SECTIONS
ARCO FED. H #1



CROSS- SECTIONS OF
ARCO FED. H #1 LOCATION

OPERATOR TXO DATE 9-29-82

WELL NAME ARCO FED "H" #1

SEC NW SW 12 T 16S R 25E COUNTY GRAND

43-019-31002
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

order calls for 2500' between gas wells of same formation
but provides 500' admin tolerance. the site is 2254'
from the Tenneco Fed 13-4 (see attached plat)

RJF ✓

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a 107-1 2-11-85
CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

SPACING EXCEPTION IS ADMINISTRATIVELY APPROVED
AS PROVIDED FOR IN THE REFERENCED CAUSE ORDER.

TOWNSHIP PLAT

407011

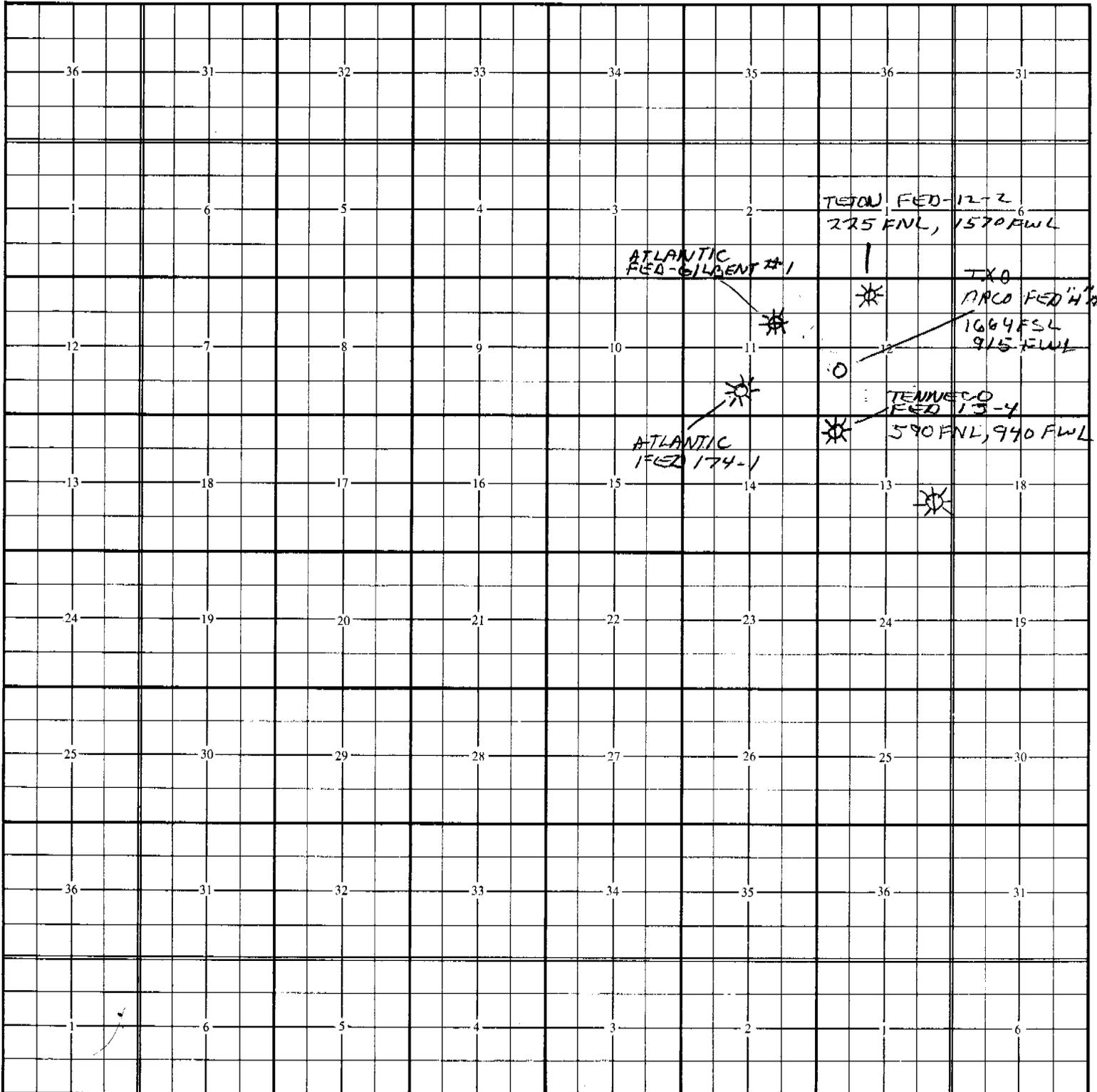
Owner TXO

Date 9-29-82

Township 16S

Range 25E

County GRAND



September 30, 1982

TXO Production Corporation
Attn: Paul Urban
1800 Lincoln Center Building
Denver, Colorado 80264

RE: Well No. Arco Fed. "H" #1
NWSW Sec. 12, T.16S, R.25E
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 107-1 dated February 11, 1965.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31002.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: Minerals Management Service
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: TXO Production

WELL NAME: Arco Fed. H #1

SECTION NWSW 12 TOWNSHIP 16 S RANGE 25 E COUNTY Grand

DRILLING CONTRACTOR Veco

RIG # 3

SPUDDED: DATE 10-23-82

TIME 9:30 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Bruce Wright

TELEPHONE # 303-861-4246

DATE October 29, 1982 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 15 1985
DIVISION OF OIL
GAS & MINING

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

12

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. NAME OF OPERATOR
TXO Production Corp.

3. ADDRESS OF OPERATOR
1300 Lincoln Center Bldg., Denver, CO 80264

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1664' FSL, 915' FWL NWSW
 At top prod. interval reported below Same
 At total depth

14. PERMIT NO. 43-019-31002 DATE ISSUED 10/06/82

15. DATE SPUDDED 10/23/82 16. DATE T.D. REACHED 11/01/82 17. DATE COMPL. (Ready to prod.) 11/22/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7201' GL, 7213' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5973' 21. PLUG, BACK T.D., MD & TVD 5932' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5974'-5781' Morrison 25. WAS DIRECTIONAL SURVEY MADE Yes 26. TYPE ELECTRIC AND OTHER LOGS RUN GR-DIL, GR-FDC-SMI 27. WAS WELL CORED Yes

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5974'-5781' Morrison

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-DIL, GR-FDC-SMI

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	317'	12 1/4"	100 sx 50-50 poz	None
7"	23#	2495'	8-3/4"	100 sx 50-50 poz	None
4 1/2"	10.5#	5973'	6 1/2"	200 sx CL "G"	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5932'	None

31. PERFORATION RECORD (Interval, size and number)
5974', 5872', 70', 68', 66', 65', 64', 62', 5783'+5781'
11 holes .38" dia.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL (MD) 5974'-5781'
 AMOUNT AND KIND OF MATERIAL USED 25,000 scf /N2 pad; 1500 gal 7.5% HCL - MSR-100 w/additives w/700 scf N2/bbl.

33.* PRODUCTION
 DATE FIRST PRODUCTION 11/22/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI WOPL

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/22/82	3 1/2	12/64		--	42	--	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
350#	370#		--	292	--	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SI WOPL TEST WITNESSED BY Wes Sutton

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED [Signature] TITLE Petroleum Engineer DATE 11/23/82

*(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.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (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: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS																
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.															
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">NAME</th> <th style="width: 20%;">MEAS. DEPTH</th> <th style="width: 20%;">TRUE VBRT. DEPTH</th> </tr> </thead> <tbody> <tr> <td>Castlegate</td> <td>2047</td> <td></td> </tr> <tr> <td>Mancos</td> <td>2258</td> <td></td> </tr> <tr> <td>Dakota Silt</td> <td>5557</td> <td></td> </tr> <tr> <td>Morrison</td> <td>5875</td> <td></td> </tr> </tbody> </table>	NAME	MEAS. DEPTH	TRUE VBRT. DEPTH	Castlegate	2047		Mancos	2258		Dakota Silt	5557		Morrison	5875	
NAME	MEAS. DEPTH	TRUE VBRT. DEPTH																
Castlegate	2047																	
Mancos	2258																	
Dakota Silt	5557																	
Morrison	5875																	
Dakota	5781	5874	Gas Zones															



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 17, 1983

TXO Production Corporation
Att: K. P. Laurie
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Re: Well No. Callister Federal # 1
Sec. 24, T. 16S, R. 24E.
Grand County, Utah
(November 1982- February 1983)

Well No. Arco Federal # H-1
Sec. 12, T. 16S, R. 25E.
Grand County, Utah
(November 1982- February 1983)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure

TXO

TXO PRODUCTION CORP.1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 881-4248

RECEIVED
OCT 12 1983

October 5, 1983

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH
Natural Resources & Energy
Oil, Gas, & Mining
4241 State Office Building
Salt Lake City, Utah 84114
Attn: Mr. Cleon B. Feight

RE: ✓ ARCO FEDERAL "H" #1
Section 12, T16S-R25E
Grand County, Utah

Dear Mr. Feight:

Please find enclosed three (3) copies of Form 9-331, "Sundry Notices and Reports on Wells", requesting approval to fracture stimulate the above referenced well. This work will be performed as soon as approval is received.

If there are any further questions concerning this request, please contact me at this office.

Sincerely,

TXO PRODUCTION CORP.



R. Bruce Wright
Petroleum Engineer

RBW/dek
encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
TXO PRODUCTION CORP.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **1664' FSL & 915' FWL**
AT TOP PROD. INTERVAL: **same as above**
AT TOTAL DEPTH: **same as above**

5. LEASE
U-0126528

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Arco Federal 'H'

9. WELL NO.
#1

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T16S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-31002

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7201' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 proposes to fracture stimulate the producing Dakota perforations (5781-83' and 5862-74') in the above referenced well down tbg and csg as follows:

	STAGE	VOLUME (gals)	20/40 sd (#)
	pad	13000 GWX-07 w/ 750 scf/bbl CO2	
	1/2 ppg	4000 GWX-07 w/ 750 scf/bbl CO2	2000
	1 ppg	5000 GWX-07 w/ 750 scf/bbl CO2	5000
	1-1/2 ppg	6000 GWX-07 w/ 750 scf/bbl CO2	9000
	2 ppg	7000 GWX-07 w/ 750 scf/bbl CO2	14000
	2-1/2 ppg	6000 GWX-07 w/ 750 scf/bbl CO2	15000
(OVER)	3 ppg	5000 GWX-07 w/ 750 scf/bbl CO2	15000
	TOTALS	46000	60000

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED R. Bruce Wright TITLE Petroleum Engineer

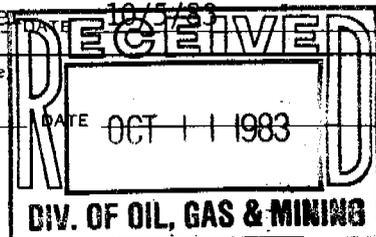
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IDENTITY

UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 10/11/83
BY: [Signature]





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 22, 1984

TXO Production Corporation
1800 Lincoln Center Bldg.
Denver, Colorado 80264

RE: Well No. Arco Federal "H" #1
API #43-019-31002
1664' FSL, 915' FWL NW/SW
Sec. 12, T. 16S, R. 25E.
Grand, Utah
November 1982-Present

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month, every month until the well is completed. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones
Well Records Specialist

CJ/cj

Enclosure

cc: Dianne R. Nielson, DOGM
Ronald J. Firth, DOGM

89270

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
TXO Production Corp.

3. ADDRESS OF OPERATOR
1800 Lincoln Cntr. Bldg., Denver, Co. 80264

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1664' FSL & 915' FWL, Sec. 12.
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0126528

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Arco Federal

9. WELL NO.
"H" #1

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T16S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019031002

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7201' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) well history	<input type="checkbox"/>		<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Please find attached the well history on the above referenced well.

RECEIVED

JUN 7 1984

DIVISION OF OIL
GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Mark E. Repasky TITLE Petroleum Engineer DATE 5/31/84

(This space for Federal or State office use)

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

TXO

WELL NAME: ARCO Federal 'H' #1 PTD: 5900'
 AREA: San Arroyo ELEVATIONS: 7201' GL, 7213' KB
 LOCATION: Section 12, T16S-R25E CONTRACTOR: Veco #3
 COUNTY: Grand AFE NUMBER: 830370
 STATE: Utah LSE NUMBER: 93994
 FOOTAGE: 1664' FSL & 915' FWL TXO WI: 75%

AMERICAN PETROFINA
 P.O. Box 2159
 Dallas, Texas 75221
 Attn: James H. Henderson

ARCO
 P.O. Box 5540
 Denver, Colorado 80217
 Attn: Becky Ancell Ext. 1049
 Ph: 293-1049

- 10/24/82 320' (320'), WOC. Surf. Spudded 12-1/4" hole @9:30 AM 10/23/82. Drld to 320' w/dust. Blew hole clean. TOOH. RU & ran 7 jts 9-5/8", 36#, K-55, ST&C set @ 317', FC @275'. Pumped 50 bbls gelled wtr, 10 BW spacer, 100 sxs 50/50 poz w/2% gel, 2% CaCl2, 1/4#/sx celloflake tailed by 60 sxs Cl "G" w/2% CaCl2, 1/4#/sx celloflake. PD @2 AM on 10/24/82. BP to 500#. Float didn't hold. Held 500# on csg, had full returns after 60 bbls had been pumped. Have cmt to surf. DW: 36,704. CW: 36,704. DD 1.
- 10/25/82 430' (110'), drlg. Mesaverde. Dust 80#. DW: 3542 CW: 40,246. DD 2.
- 10/26/82 1733' (1303'), drlg. Buck Tongue. Air mist 220#. Hole began getting wet @1700', had to mist up. 1" @ 635', 1-1/4" @ 952', 1-1/2" @ 1271', 1-1/2" @ 1578'. DW: 24,820. CW: 65,066. DD 3.
- 10/27/82 2500' (767'), WO Dowell. Mancos. Air mist 240#. TD intermed hole @ 7:30 PM 10/26/82. Blew hole clean for 1/2 hr. Made 20 stnd short trip, had no fill or tight spots. RU & ran 61 jts 7", 23#, K-55, ST&C set @ 2495', FC @ 2455'. Had csg on btm @ 3:30 AM 10/27/82. Dowell's trucks have kept brkg dn. Roads are very muddy. All equip is being towed into location. Have been working csg while on btm w/ no tight spots or fill. Sample tops: Buck Tongue @ 1750', Castlegate @ 2050', Mancos @ 2325'. Presently WO Dowell. DW: 18,919. CW: 83,980. DD 4.
- 10/28/82 2615' (115'), drlg. Mancos. Dust 90#. RU & cmtd csg w/ 150 BM, 10 BM flush, 10 BW spacer, 100 sxs 50/50 poz w/ 2% gel, 2% CaCl2 & 1/4#/sx celloflake & friction reducer, tailed by 100 sxs Cl "G" w/ 2% CaCl2 @ 1/4#/sx celloflake. PD @ 10:11 AM on 10/27/82. BP to 1300#. Float held OK. Had full returns to surf half-way through job. WOC, cut-off csg @ 1:30 PM on 10/27/82. NU, test BOP, drl cmt & shoe & begin drlg new hole. DW: 61,973. CW: 145,953.
- 10/29/82 4025' (1410'), drlg. Mancos. Dust 180#. 2" @ 2802', 2" @ 3018', 2-1/2" @ 3324', 2-3/4" @ 3598', 2-1/2" @ 3905'. DW: 28,580. CW: 174,533. DD 6.
- 10/30/82 4930' (905'), drlg. Mancos. Dust 200#. Had 10 second connection flares @ 4000' & 4030'. 2-1/4" @ 4208', 2-1/2" @ 4455', 3" @ 4765'. DW: 18,870. CW: 193,403. DD 7.
- 10/31/82 5660' (730'), drlg. Dakota. Dust 200#. Dakota Silt @ 5600'. 3" @ 5073', 3" @ 5400'. DW: 14,692. CW: 208,095. DD 8.
- 11/01/82 5973' (313'), LD DP. Morrison. Dust 200#. Drld to 5895', got steady flare, 20' w/o compressors. Tested 465 MCFD @ 75# on 1/2" plate. Drld to 5973'. Blew hole. Made 5 stnd short trip, hole clean, no fill. TOOH. RU & ran logs. Fin running logs. TIH w/ bit to LD DP & run 4-1/2" csg. Roads very muddy. 2" @ 5721'. DW: 22,758. CW: 230,858. DD 9.
- 11/02/82 5973' (0'), MORT. Morrison. 8.4, 44, 8, 9.5. Fin LD DP & DC. RU & ran 148 jts 4-1/2", 10.5#, K-55, ST&C set @ 5973'. FC @ 5933'. Cmtd w/ 216 BM, 10 BM flush, 10 BW spacer, 200 sxs Cl "G" w/ 5% KCL, 2% gel, 3#/sx kolite. PD @ 4:48 PM 11/01. BP to 1350#. Float held OK. Full returns after 225 bbls had been pumped. ND, se slips, cut-off csg & RR @ 6:30 PM 11/01/82. Drop from report until completion begins. DW: 73,359. CW: 304,217. DD 10.

WELL NAME: Arco Federal "H" #1
 AREA: San Arroyo
 LOCATION: Section 12, T16S-R25E
 COUNTY: Grand
 STATE: Utah
 FOOTAGE: 1664' FSL & 915' FWL

PTD:
 ELEVATIONS: 7201' GL, 7213' KB
 CONTRACTOR:
 AFE NUMBER: 830370
 LSE NUMBER: 93994
 TXO WI: 75%

WORKOVER

10/13/83 5933' PBTD, MI equip & prep to frac this AM.

10/14/83 5932' PBTD, RU Smith & Liquid Carbonics. SITP 620#, SICP 620#. Frac'd well as follows:

Stage	Volume (gal GWX-07 w/750 scf/bbl CO ₂)	#20/40 sd	Rate	Press.
pad	13,000	---	19.8 BPM	3500#
½ ppg	4,000	2,000	19.8 BPM	3610#
1 ppg	5,000	5,000	19.8 BPM	3610#
1½ ppg	6,000	9,000	19.8 BPM	3860#
2 ppg	7,000	14,000	19.8 BPM	3900#
2½ ppg	10,000	25,000	19.8 BPM	3870#
3 ppg	1,000	3,000	19.8 BPM	3800#
flush	3,540	---	22 BPM	3800#
TOTALS	49,540 gals	58,000#		

MTP 4000# @ 20 BPM, ATP 3800# @ 20 BPM. ISIP 1650#, 5 min 1650#, 10 min 1600#, 15 min 1600#. SI well for 2-1/2 hrs. SITP 1400#, SICP 1400#. Opened well to tank on 3/8" ch, no sd. After 1/2 hr, installed 1/2" ch, making tr of sd. LOTTON. DW: 46,100. CW: 46,100.

10/15/83 5932' PBTD, well dead. FTP 0#, CP 620#. RU Newsco. Began pumping N₂ dn annulus, well KO after pumping 75,000 scf N₂. LOTPON on 3/4" ch, FTP 0#, CP 450#, making heavy mist w/ slugs of wtr, no sd. DW: 2150. CW: 48,250.

10/16/83 5932' PBTD, well dead. FTP 0#, CP 700#. RU Newsco & pumped 15,000 scf N₂. Well KO. LOTPON w/ heavy mist on 1-1/2" ch, FTP 0#, CP 400#. Wouldn't burn. DW: 850. CW: 49,100.

10/17/83 5932' PBTD, FTP 0#, CP 200#. Well flowing to pit w/ light mist on 1-1/2" ch. Gas would flare. Put well back on production @ 1 PM on 10/16/83. IP @ 460 MCFD w/ 165# FTP, 235# CP, w/ very light mist. FINAL REPORT!!! DW: 350. CW: 49,450.

TXO

WELL NAME: ARCO Federal 'H' #1 PTD: 5900'
AREA: San Arroyo ELEVATIONS: 7201' GL, 7213' KB
LOCATION: Section 12, T16S-R25E CONTRACTOR: Veco #3
COUNTY: Grand AFE NUMBER: 830370
STATE: Utah LSE NUMBER: 93994
FOOTAGE: 1664' FSL & 915' FWL TXO WI: 75%

- 11/17/82 Attempt to MIRUCU. Roads too muddy. Will MIRU w/ cat this AM.
- 11/18/82 Pull rig to location w/ D-8 cat. RUCU. Spotted flat tank. Unloaded tbg. Installed BOPs. PU & RIH w/ 3-7/8" bit, scraper & 194 jts 2-3/8" tbg to tag @ 5932' KB. LD 6 jts tbg. RU to swab & SDFN. DW: 37,200. CW: 345,417.
- 11/19/82 5932' PBTD, swab FL dn to 4000' KB. Rec 54 bbls total. LD swab. TOOH w/ tbg & tools. RU Gearhart. RIH to run GR-CCL correlation logs. Correlate & perf @ 5974', 5872', 5870', 5868', 5866', 5865', 5864', 5862', 5783', & 5781' w/ 3-1/8" csg gun. Total 11 holes .38" dia. RD Gearhart. TIH w/ notch collar, SSN, 183 jts 2-3/8" tbg. Land @ 5715' KB. ND BOP & NU wellhead. HU choke & flowline to pit. Gas to surf w/ 4' flare @ 6 PM. CP 40#. LOTPON. SDFN. DW: 5150. CW: 350,567.
- 11/20/82 5932' PBTD, TIH w/ swab to tag FL @ 3600'. Made 5 swab runs & well began to unload on it's own. Rate TSTM. Made 2 more swab runs, FL @ 5650'. Well still flowing @ rate TSTM w/ 4' flare. RR @ 3 PM 11/19/82. LOTPON. DW: 3250. CW: 353,817.
- 11/21/82 5932' PBTD, blew csg dn. RU Smith & Newsco. Load hole & circ w/ 3% KCL, pumped 25,000 scf N2 pad dn tbg. SI annulus. Pumped 1500 gal 7.5% HCL MSR-100 acid w/ additives w/ 700 scf N2/bbl. After 500 gal acid drop 16 (7/8") 1.1 SG ball sealer spaced evenly throughout job. Mx rate 6-1/2 BPM. Av 6 BPM. Mx press 4200#, Av press 2400#. Fm brk w/ 8 bbl dspl pump (pad on fm). Press decr from 4200# to 1800#. Dspl acid to perfs w/ N2 & 3% KCL. RD Smith. Surge balls off & began flow back. Unloaded tbg & well KO. Rel Newsco. Left well open on 24/64" ch. CP 450#. Tbg unloading fluid. Rate TSTM. DW: 9250. CW: 363,067.
- 11/22/82 5932' PBTD, TP 65#, CP 250#. 28/64" ch. 6-1/2 hr stabilized rate @ 373 MCFD. Shut in well for 30 min & unloaded well. Blew dry. Caught wtr sample. SWI for build-up. Flowed well 3-1/2 hrs, established flow rate. 12/64" ch, TP 350#, CP 370#, 292 MCFD. No wtr. SWI. WOPL. Drop from report until first sales. DW: 850. CW: 363,917.
- 09/10/83 DATE OF FIRST PRODUCTION: 9/10/83 @ 10:30 AM, FTP 340#, CP 340#, FARO 532 MCFD on 19/64" ch. LP 165#. Gas sold to Mesa Pipeline. FINAL REPORT!!!

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

JUN 7 1984

**DIVISION OF OIL
GAS & MINING**

May 31, 1984

STATE OF UTAH
DIVISION OF OIL, GAS, & MINING
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Mr. Cleon B. Feight
Director

RE: ARCO FEDERAL "H" #1
Section 12, T16S-R25E
Grand County, Utah

Gentlemen:

Enclosed please find form 9-331, "Sundry Notices and Reports on Wells", for the above referenced well.

Sincerely,

TXO PRODUCTION CORP.



Mark E. Repasky
Petroleum Engineer

MER/dek
encl.





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

April 9, 1985

TXO Production Corporation
1660 Lincoln #1800
Denver, Colorado 80264

Gentlemen:

Re: Well No. Arco Federal "H" #1 - Sec. 12, T. 16S., R. 25E.,
Grand County, Utah - API #43-019-31002

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referenced well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, and forward it to this office as soon as possible, but not later than April 22, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/67

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

APR 15 1985

DIVISION OF OIL
GAS & MINING

April 12, 1985

STATE OF UTAH
Natural Resources
Oil, Gas, & Mining
355 W. North Temple, Ste. 350
3 Triad Center
Salt Lake City, Utah 84180-1203

Attn: Pam Kenna
Well Records Specialist

RE: ARCO FEDERAL "H" #1
Section 12, T16S-R25E
Grand County, Utah

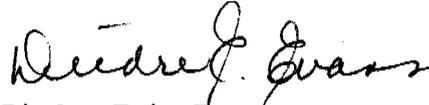
Dear Ms. Kenna:

I am in receipt of your letter dated April 9, 1985, advising TXO Production Corp. that the required "Well Completion or Recompletion Report and Log" for the above referenced well was not filed.

Enclosed please find a copy of the report in question, which was filed on November 23, 1982.

Sincerely,

TXO PRODUCTION CORP.



Diedre Erin Evans
Engineering Secretary

DEE
encl.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

June 28, 1985

TXO Production Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Gentlemen:

Re: Well No. Arco Federal "H" 1 - Sec. 12, T. 16S., R. 25E.,
Grand County, Utah - API #43-019-31002

According to our records a "Well Completion Report" filed with this office November 23, 1982 on the above referenced well indicates the following electric logs were run: GR-dil, GR-FDC-SNL. This office has not yet received these logs. Also, if this well was cored, please include a copy of the core analysis report.

Please take care of this matter as soon as possible, but not later than July 12, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0161S/17

TXO

TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

RECEIVED

JUL 25 1985

DIVISION OF OIL
GAS & MINING

July 22, 1985

State of Utah
Natural Resources
Oil, Gas, & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Pam Kenna

Re: Arco Federal "H" #1
Section 12-T16S-R25E
Grand County, Utah
API #43-019-31002

Dear Ms. Kenna:

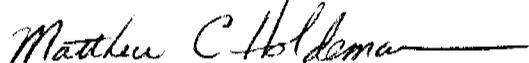
Enclosed please find copies of the GR-DIL & GR-FDC-SNL logs for the above referenced well that you requested in your letter dated June 28, 1985. The well was not cored so there is no core analysis report to send to you.

Please excuse our tardiness on this matter but I did not receive your letter until July 18. I hope that this has not caused you any inconvenience.

If you need any further information, please contact me at the above address.

Sincerely,

TXO PRODUCTION CORP.



Matthew C. Holdeman
Petroleum Engineer

MCH/jy

Enclosures/as stated





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	Producing Zone	Days Oper	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
MOXA FEDERAL A-1 <i>U-24638</i> 4301930792 06730 16S 26E 4	DKTA ✓				
NICOR FED #2 <i>U-13653</i> 4301931020 06731 16S 25E 28	DK-BK ✓				
CREDO FEDERAL 1 <i>U-24638</i> 4301930797 06740 16S 26E 5	BUKHN ✓				
CREDO FEDERAL A-1 <i>U-24638</i> 4301930798 06745 16S 26E 5	DKTA ✓				
HANCOCK FEDERAL 2 <i>U-38720</i> 4301930833 06750 17S 25E 5	DKTA ✓				
BENNION FED. 1 <i>U-24632</i> 4301930893 06760 16S 25E 30	DK-MR ✓				
230 FEDERAL H-1 <i>U-0126528</i> 4301931002 06765 16S 25E 12	MRSN ✓				
VALENTINE FEDERAL 3 <i>U-38276</i> 4301931009 06770 16S 25E 35	DKTA ✓				
WALL FEDERAL #1 <i>U-24632</i> 4301930838 06771 16S 25E 30	DK-BK ✓			"	
OIL SPRINGS UNIT 5 <i>U-08424A</i> 4304715930 06775 12S 24E 5	WSTC ✓		Need successors to unit oper. (TXO to marathon)		
OIL SPRINGS UNIT #10 <i>U-08424A</i> 4304731656 06776 12S 24E 5	WSTC ✓				
GRYNBERG FEDERAL #1 <i>U-13653</i> 4301930657 06781 16S 25E 28	DKTA ✓				
BMG FEDERAL #1 <i>U-05015</i> 4301931017 06791 16S 26E 8	BUKHN ✓				
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 _____

DOGm - FYI - From Connie Larson - TAX COMMISSION

Tax Compliance Division



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 USIC P.B.

Send a copy to Room 2-219

Copy sent to Master
File Mail

RECEIVED
JAN 24 1991



P.O. Box 2690
Cody, Wyoming 82414
Telephone 307/587-4961

DIVISION OF
OIL, GAS & MINING

28
1-2
Mry DRW
- C R Firth

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

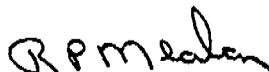
Utah Division of Oil, Gas & Mining
January 22, 1991
Page 2

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:

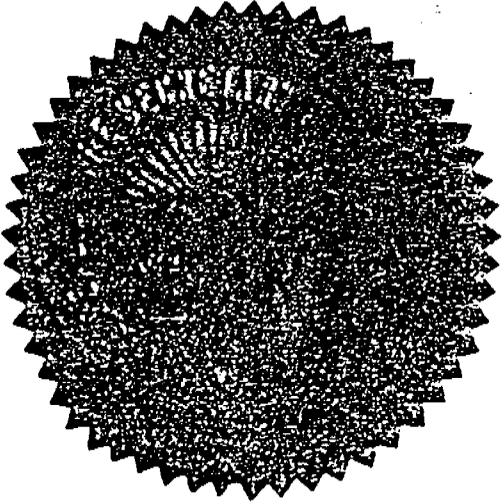
[Governmental Agency or Department]

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. 19 90

Sherrod Brown

Sherrod Brown
Secretary of State

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LCR	<i>h</i>
2- DTS	<i>ts</i>
3- VLC	<i>h</i>
4- RJF	<i>h</i>
5- RWM	<i>h</i>
6- LQR	<i>h</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>
	<u>phone (307) 587-4961</u>		<u>phone (307) 587-4961</u>
	<u>account no. N 3490</u>		<u>account no. N1580</u>

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

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

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see documentation)*
- Yes 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: _____
- Yes 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-26-91)*
- 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 State Lands and the Tax Commission.
- 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

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

BOND 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)*
- 2. A copy of this form has been placed in the new and former operators' bond files. *(upon completion of routing)*
- 3. The former operator has requested a release of liability from their bond (yes/no) yes. Today's date February 27, 1991. If yes, division response was made by letter dated March 1, 1991.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. *Smt 3-5-91*

MICROFILMING

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

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 Btm/meab ~~No doc. as of yet.~~ (In the process of changing) will call when approved.
 Btm/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 Btm/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)

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
James G. Routson
President

Enclosures

xc: Joe Dyk
Marathon

RECEIVED

FEB 25 1993

DIVISION OF
OIL GAS & MINING

UTAH FEDERAL WELLS

MOAB BLM DISTRICT

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Bookcliffs Unit No. 1	U-036905	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 32-T18S-R22E
Bookcliffs Unit No. 3	U-036905	Sw $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 33-T18S-R22E
Hancock Fed. No. 2	U-38720	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5-T17S-R25E
Hougen Fed. No. A-1	U-42480	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 14-T17S-R24E
TXO-POGO-USA No. 15-9	U-49535	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 15-T17S-R24E
Callister Fed. No. 1	U-38363	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 24-T16S-R24E
Ptasynski Fed. No. 1	U-24603-A	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 15-T17S-R23E
Arco Fed. B No. 1	U-9831	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6-T16S-R25E
Arco Fed. C No. 1	U-06188-B	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35-T16S-R25E
Arco Fed. D No. 1	U-29645	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 34-T16S-R25E
Arco Fed. H No. 1	U-0126528	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 12-T16S-R25E
Grynberg Fed. No. 1	U-13653	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 28-T16S-R25E
Lauck Fed. A No. 1	U-34033	SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 29-T16S-R25E
Lauck Fed. No. 2	U-34033	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29-T16S-R25E
Nicor Fed. No. 1	U-31807	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 28-T16S-R25E
Nicor Fed. No. 2	U-13653	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. ²³ 33 -T16S-R25E
Valentine Fed. No. 1	U-38276	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-T16S-R25E
Valentine Fed. No. 2	U-38276	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34-T16S-R25E
Valentine Fed. No. 3	U-38276	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35-T16S-R25E
Wall Fed. No. 1	U-24632	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-T16S-R25E
Bennion Fed. No. 1	U-24632	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 30-T16S-R25E
Harvey Fed. No. 1-X	U-10427	Sw $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T16S-R25E

UTAH FEDERAL WELLSMOAB BLM DISTRICT

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
BMG Fed. No. 1	U-05015	NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8-T16S-R26E
BMG Fed. No. 2	U-05015	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 8-T16S-R26E
BMG Fed. No. 3	U-05015-A	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-T16S-R26E
BMG Fed. No. 4	U-05015-A	NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 17-T16S-R26E
BMG Fed. No. 5	U-05015-A	NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 18-T16S-R26E
BMG Fed. No. 7	U-05015-A	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17-T16S-R26E
Credo Fed. No. 1	U-24638	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5-T16S-R26E
Credo Fed. A No. 1	U-24638	SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 5-T16S-R26E
Moxa Fed. No. 1	U-24638	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9-T16S-R26E
Moxa Fed. A No. 1	U-24638	NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 4-T16S-R26E

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

UTAH STATE WELLS

<u>WELL</u>	<u>LEASE NO.</u>	<u>LOCATION</u>
Texas Pacific No. 1	ML-4468-A	NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36-T16S-R25E Grand County
Texas Pacific No. 2	ML-4468-A	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-T16S-R25E Grand County
Little Berry No. 1	ML-21061	SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-T16S-R23E Grand County
Evacuation Creek No. 1	ML-39868	SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 36-T11S-R25E Uintah County
Evacuation Creek A No. 1	ML-28043	NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2-T12S-R25E Uintah County
Evacuation Creek 23-2-1	ML-28043	NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2-T12S-R25E Uintah County
Stirrup No. 32-1	ML-22036	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-T6S-R21E Uintah County
Stirrup No. 32-2	ML-22036	SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-T6S-R21E Uintah County
Stirrup No. 32-4	ML-22036	NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 32-T6S-R21E Uintah County

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

FEB 25 1993

DIVISION OF
OIL GAS & MINING

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-0126528
2. Name of Operator Lone Mountain Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 3394, Billings, MT 59103	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 664' FSL, 915' FWL, Sec. 12-T16S-R25E (NW $\frac{1}{4}$ SW $\frac{1}{4}$)	8. Well Name and No. Arco Fed. H No. 1
	9. API Well No. 43-019-31002
	10. Field and Pool, or Exploratory Area San Arroyo
	11. County or Parish, State Grand County, Utah

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

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

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

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

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.

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

Signed *Jan S. Barton* Title Petroleum Engineer Date Feb. 22, 1993

(This space for Federal or State office use)

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

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.

See Below

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN ALLOTTEE OR TRIBE NAME

1. OIL WELL GAS WELL OTHER

RECEIVED

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Marathon Oil Company

8. FARM OR LEASE NAME

See Below

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

FEB 25 1993

9. WELL NO.

See Below

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

DIVISION OF
OIL GAS & MINING

10. FIELD AND POOL, OR WILDCAT

See Below

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

See Below

14. API NO.

See Below

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

12. COUNTY

Grand and Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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

* Must be accompanied by a cement verification report.

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 *R.P. Meabon*

TITLE Regulatory Coordinator

DATE 2/23/93

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

5. Lease Designation and Serial No.
U-0126528
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Arco Fed. H No. 1

2. Name of Operator
Lone Mountain Production Company

9. API Well No.
43-019-31002

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

10. Field and Pool, or Exploratory Area
San Arroyo

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
664' FSL, 915' FWL, Sec. 12-T16S-R25E
(NW $\frac{1}{4}$ SW $\frac{1}{4}$)

11. County or Parish, State
Grand County, Utah

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

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

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

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

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

MAR 15 1993

DIVISION OF
OIL GAS & MINING

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

Signed Jean D. Portman Title Petroleum Engineer Date Feb. 22, 1993

(This space for Federal or State office use) Asst. District Manager ACTING Assistant District Manager Date MAR 10 1993

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

COPIES OF THIS REPORT ATTACHED

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

Docum

Lone Mountain Production Company
Well No. ARCO Fed. H-1
NWSW Sec. 12, T. 16 S., R. 25 E.
Grand County, Utah
Lease U-0126528

CONDITIONS OF APPROVAL

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.

Be advised that Lone Mountain Production Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0719 (Principal - Lone Mountain Production Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED

MAR 15 1993

DIVISION OF
OIL GAS & MINING

Routing:	
1-LEC	7-LEC
2-DTS	TS
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: 2-22-93)

TO (new operator) LONE MTN PRODUCTION CO
 (address) PO BOX 3394
BILLINGS MT 59103-3394
 phone (406) 245-5077
 account no. N 7210

FROM (former operator) MARATHON OIL COMPANY
 (address) PO BOX 2690
CODY WY 82414
 phone (307) 587-4961
 account no. N 3490

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: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 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)*
- lec 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: _____.
- lec 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.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-16-93)*
- lec 6. Cardex file has been updated for each well listed above. *(3-16-93)*
- lec 7. Well file labels have been updated for each well listed above. *(3-16-93)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-16-93)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- la 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.
- lee 2. Copies of documents have been sent to State Lands for changes involving State leases.
3/17/93 for SU Bearer

FILMING

- la 1. All attachments to this form have been microfilmed. Date: March 25 1993.

FILED

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

REMARKS

930316 Bln/Moab Approved 3-10-93 eff. 2-22-93.
(Other wells will be handled on a separate change - partial change only!!)
St. Lease wells also being chgd at this time.