

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 Texas Oil & Gas Corp.

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 1265' FNL - 785' FWL
 At proposed prod. zone 1303 767

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 21 miles northwest of Mack, Colorado

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

16. NO. OF ACRES IN LEASE
 360

17. NO. OF ACRES ASSIGNED TO THIS WELL
 280

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 5,000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 5920

22. APPROX. DATE WORK WILL START*
 December 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
30"	20"	Corrugated Iron	20'	N/A
12-1/4"	9-5/8"	36# H-40	300'	165 sacks
8-3/4"	4-1/2"	10.5# K-55	5000'	380 sacks

7" intermediate casing will be set if required to continue drilling with air. In this event, a 6-1/4" hole will then be drilled to total depth and 4-1/2" casing will be set with 150 sacks of cement.

All casing to be new casing.

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 *Daniel J. Nowak* TITLE Environmental Engineer DATE 10/26/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY *W.P. Martin* TITLE ACTING DISTRICT ENGINEER DATE 10/2/1979

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK

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 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

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 1800 Lincoln Center Bldg., Denver CO 80264

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 At surface 1285' FNL - 785' FWL NW NW
 At proposed prod. zone

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 21 miles northwest of Mack, Colorado

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

16. NO. OF ACRES IN LEASE
 360

17. NO. OF ACRES ASSIGNED TO THIS WELL
 280

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 5,000' *More than*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GR 5920

22. APPROX. DATE WORK WILL START*
 December 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

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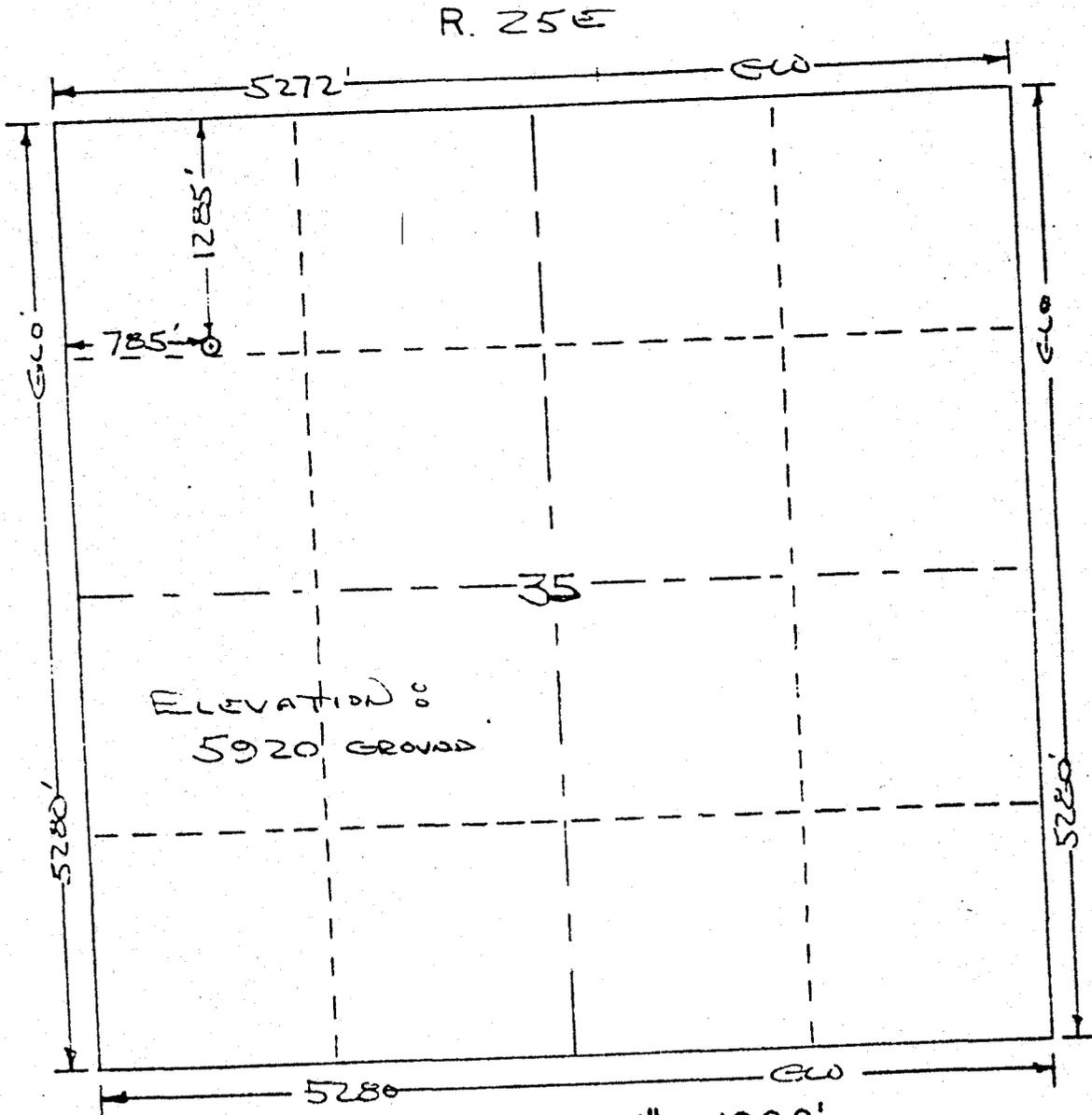
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED *Daniel J. Dowiak* TITLE Environmental Engineer DATE 10/26/79
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
 U-6188-B
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A
 7. UNIT AGREEMENT NAME

 8. FARM OR LEASE NAME
 TXO-Arco Federal
 9. WELL NO.
 "C" #1
 10. FIELD AND POOL, OR WILDCAT
 Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 35-T16S-R25E
 12. COUNTY OR PARISH
 Grand
 13. STATE
 Utah



Scale... 1" = 1000'

Powers Elevation of Denver, Colorado has in accordance with a request from D.J. DOWIAR for TEXAS OIL & GAS CORP. determined the location of TXO ARCO FEDERAL C#1 to be 1285' FWL & 785' FWL, Section 35, Township 16 South, Range 25 E of the SALT LAKE Meridian GRAND County, UTAH

I hereby certify that this plat is an accurate representation of a correct survey showing the location of TXO ARCO FEDERAL C#1

Date: 16 Oct. 79

[Signature]
 Licensed Land Surveyor No. 2711
 State of UTAH

Proposed Action:

On October 29, 1979, Texas Oil and Gas Corporation filed an Application for Permit to Drill the TXO ARCO Federal "C" #1 development well, a 5000' gas test of the Morrison Formation; located at an elevation of 5920' in the NW/4 NW/4, Sec. 35, T16S, R25E on Federal mineral lands and Public surface; lease No. U-6188-B.

Objections were raised to both the wellsite and the access route. The wellsite is on a high knoll bounded on the northeast by a steep drop-off (approximately 30') into a major feeder drainage. The rig layout would put the reserve pit too close to this drop-off for successful rehabilitation to occur, according to the Bureau of Land Management. Also, if a spill from the reserve pit occurred, clean-up would be near impossible. To minimize this impact, it was recommended that the location be moved 25' to the SW and that this 25' remain as an undisturbed buffer zone. The operator agreed to this.

The proposed access route suffered from three problems: 1) steep slopes (greater than 10% grade), 2) sharp switchbacks (at least four) and, 3) the crossing of a steeply-dipping, narrow, major feeder drainage channel. To minimize the impacts, it was agreed to by the operator to reroute the access road from the SW (see attached map). This new access route remains on-lease and would be about .3 mile long.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City, Utah.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 225' wide x 265' long and an irregularly-shaped reserve pit approximately 75' x 105'. A new access road would be constructed 16' wide x .3 mile long from an existing, improved road.

The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is December 15, 1979, and duration of drilling activities would be about 90 days.

Location and Natural Setting:

The proposed drillsite is approximately 21 miles NW of Mack, Colorado, the nearest town. A fair road runs to within .3 mile of the location. This well is in the San Arroyo gas field.

Topography:

The wellsite lies on a moderately-sloped (about 10-12%) river bench composed of eroded clays and sandstones and outcrops of fractured sandstone ledges.

Geology:

The surface geology is Mancos shale. The soil is a sandy clay. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

Eight inches of topsoil would be removed from the surface and stockpiled on the south end of the pad. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately two acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. If H₂S or other toxic substances are encountered, the USGS should be notified immediately.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from S-SW to NE. Air mass inversions are rare. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The wellsite lies above Bitter Creek, the major drainage channel for the surrounding canyons. Some additional erosion would be expected in the area

since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

If fluids are encountered during drilling, a one inch bentonite lining is recommended. If, during construction, fractured bedrock is encountered in the area of the reserve pit, then a one inch bentonite layer plus a plastic liner is recommended. Additionally, the reserve pit shall be constructed in at least 5' of cut.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association.

Proposed action would remove about two acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations. Rehabilitation would be conducted in accordance with BLM recommendations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The reserve pit will be fenced on three sides during drilling activities and on four sides once the rig moves off. Four-strand barbed wire is adequate. There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A covered trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is *recommended*. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Proposed Supplemental Conditions of Approval:

- 1) Operator will move location 25' to the southwest. This 25' will remain as an undisturbed buffer zone between the pad and the steep drop-off to the northeast.
- 2) Operator will construct a new access route emanating from an existing road to the southwest. This road would be about .3 mile long, should not exceed 10% in grade, and should conform to BLM recommendations and standards.
- 3) Operator will stockpile 8" of topsoil on the south side of the pad.
- 4) Operator will maintain blooie line 125' from the wellhead and center it into a blooie pit which would be separated from the reserve pit by a berm (one cat-width in size).
- 5) If fluids are encountered during drilling, a one inch bentonite lining is recommended for the reserve pit. If, during construction, the reserve pit is located in or near fractured bedrock, a one inch bentonite layer plus a plastic liner is recommended.

- 6) The reserve pit will be constructed in at least 5' of cut.
- 7) Operator will fence reserve pit with four-strand barbed wire on three sides during drilling and four sides after rig has moved off.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately two acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution to Bitter Creek would exist through leaks and spills.

If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.



Texas Oil & Gas "C" #1
proposed access route



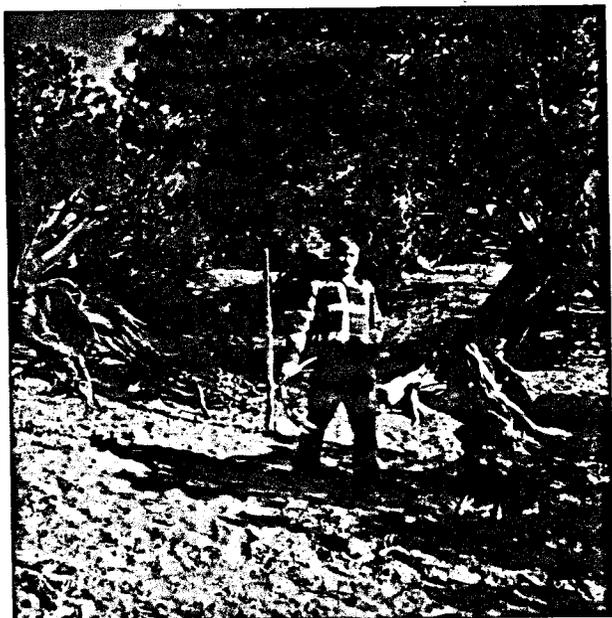
Texas Oil & Gas "C" #1
7 proposed access route

Determination:

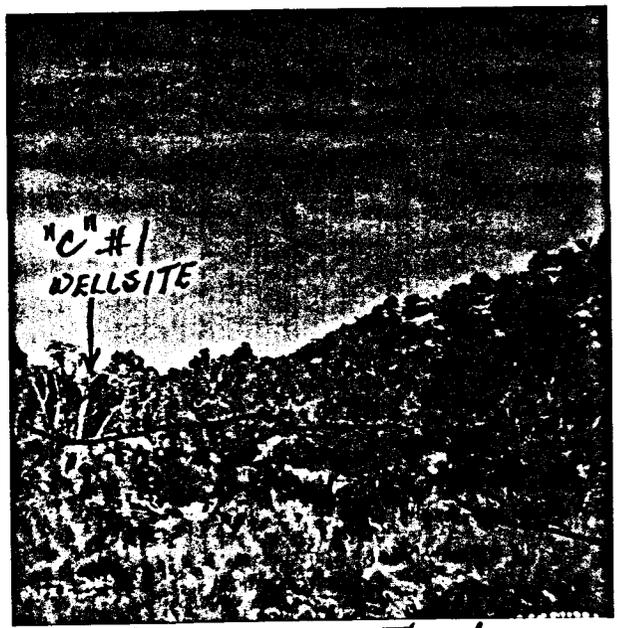
This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

11/27/79
Date

E. W. Long
District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Terra Oil & Gas "C" #1



Revised access route for Terra Oil & Gas "C" #1

9-331-C ADDENDUM

TXO Arco Federal "C" #1
Section 35-T16S-R25E
Grand County, Utah

1. SURFACE FORMATION: Mesa Verde

2. ESTIMATED FORMATION TOPS:

Mesa Verde	Surface
Castlegate	800'
Mancos	900'
Dakota Silt	4250'
Dakota	4320'
Morrison	4450'
TD	5000'

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

Surface water	Surface to 200'
Possible Castlegate saltwater	800'
Expected gas zones	Dakota-4320' Morrison-4450'

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

5. PRESSURE CONTROL EQUIPMENT:

- A. After surface csg is set, a double ram type blow out preventer with blind rams and pipe rams will be installed with minimum working pressure of 2000 psi.
- B. A control choke and 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 blow out preventer to control flow while drilling with air.
- D. The equipment in A and B will be pressure tested to 1500 psi before drilling surface pipe cmt, and the blow out preventer will be tested for operation daily and during trips.
- E. A sketch of the proposed installation is attached (Exhibit 5).

6. MUD PROGRAM:

0	-	300'	Spud mud
300'	-	5000'	Air

Note: Excess gas flow or other hole problems may require use of mud drilling. Mud materials will be maintained on location to build muds with

wt. 8.7 - 8.9 #/gallon, vis of 30-40 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 derrick floor to stab into the DP when kelly is not in use.

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. GR induction
SNP-FDC-GR with caliper

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gas such as H₂S is expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to reserve pit at a point 125' from the well head. 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 to insure burning of return gasses which are combustible.

10. ANTICIPATED STARTING DATE:

Start location construction	Dec. 15, 1979
Spud well	Dec. 20, 1979
Reach TD	Jan. 20, 1980
Complete operations	Mar. 20, 1980

11. Productive zones will be perforated, tested, treated as necessary. Gas will be flared during testing. Produced water will be contained in the unlined drilling reserve pit. The extent of treatment, as warranted, 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.

TEXAS OIL & GAS CORP.
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: October 24, 1979

WELL NAME: TXO Arco Federal "C" #1

LOCATION: 1285' FNL and 785' FWL, Sec 35-T16S-R25E, Grand Co., Utah

1. EXISTING ROADS

A. Proposed well site as staked. Refer to Exhibit 1. The well has been staked 1285' FNL and 785' FWL of the above mentioned Section. Refer to Map 1.

B. Route and distance from nearest town or locatable reference point to where well access route leaves main road:

From Mack, Colorado approximately 9 miles west on Highway 6 and 50 to Two Road. Right on Two Road, travel 8.0 miles on Two Road to fork in Road. Take right fork, proceed 0.25 mile to "T" in road. Turn right at "T" and proceed 0.3 mile to fork in road. Take left fork and proceed north along Bitter Creek about 3.2 miles to drill site access road on right.

C. Access roads to location color coded in red and labeled. Refer to Map 2.

D. For development well, all existing roads within one mile color coded in yellow. Refer to map 1.

E. Plans for improvement and maintenance of existing roads:

The existing roads are in normal passable condition and routinely heavily travelled by trucks, workers, ranchers and tourists. No changes are contemplated, but grade maintenance may be required under wet conditions.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed. This site is staked 350 feet from the primary access road. Because of terrain, a 500-foot maintained road will be constructed to the well. The road will be constructed to meet BLM specifications as to: 1) drainage; 2) installation of culverts; and 3) gravelling or capping of the road be.

3. LOCATION OF EXISTING WELLS

Map 3 is a one-mile radius locating and identifying the following:

- A. Water Wells - None
- B. Abandoned Wells - One
Arco 16
Section 26-T16S-R25E
1125' FSL - 790' FWL

- C. Temporarily Abandoned Wells - None
- D. Disposal Wells - None
- E. Drilling Wells - None
- F. Producing Wells - One
Sinclair Well
Section 35-T16S-R25E
600' FSL - 2040' FEL
- 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. Map 1 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 by flagging them off the well pad. See Exhibit 2.
 - 2. Dimensions of facilities. See Exhibit 2.
 - 3. Construction methods and materials: Water production will be contained in a bar production pit according to NTL-2B Specification, and a production unit will be set. All connection work will be done by an oil field service company using standard oil field material.
 - 4. Protective devices and measures to protect livestock and wildlife. Flare pit (if necessary) will be fenced with woven-wire and flagged to protect animals. Drilling reserve pit will be fenced to protect animals until it can be properly restored. Reserve will be fenced on three sides while drilling, and on the fourth side after the rig moves off location.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: It is proposed to obtain water from the Bitter Creek at Highway 6 and 50. If this location is on private land, permits, if required, will be obtained from the appropriate Utah State authority.
- B. Method of transporting water: Water will be transported via truck over the primary access road described above. No new roads will be required.
- 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 not anticipated that any materials for construction will be required beyond materials from cut on the location itself.

- B. Identify it from Federal or Indian Land.

All involved land is Federal and under the management of the United States Bureau of Land Management.

- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used.

None to be transported.

- D. Show any needed access roads crossing Federal or Indian Lands. Refer to map 2.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings- Will be contained and disposed of in an unlined reserve pit.

- B. Drilling fluids - Will be contained and disposed of in an unlined reserve pit. When drilling with air or gas, a dust arresting system will be installed on the blow line.

- C. Produced fluids - Will be directed to steel tanks for disposal after testing.

- D. Sewage - Portable toilet will be provided.

- E. Garbage - And other trash will be placed in a trash pit, fenced and covered with small mesh wire for burning and burial after completion of work.

- F. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be disposed of by burial in the trash pit or by removal from the location. All pits will be filled after drying and all areas restored as under Item #10.

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. See Exhibit 3.

- B. Location of mud tank, reserve pit, burn pit, trash pit, pipe racks and living facilities. See Exhibit 4.

C. Rig orientation, parking area. See Exhibit 4.

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, rat hole and mouse hole filled, and reserve pit and trash pit filled. Areas not needed for further operations, production, etc., will be reshaped.
- B. Revegetation and rehabilitation. Topsoil will be stockpiled during site construction and redistributed on unused areas. The area will be disked, recontoured and reseeded as directed by BLM.
- C. Prior to rig release, pits will be fenced and so maintained until clean-up can be properly done.
- D. If any oil is on the pit, it will be removed or overhead flagging will be installed.
- E. Time table for comment and completion of rehabilitation operations. Rehabilitation will commence when drilling operations are completed, about March 20, 1980, and rehabilitation is expected to be completed by June 20, 1980.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna. The general area is sloping towards Bitter Creek, an intermittent stream to the east. Vegetation consists of scattered sage (*Artemisia-Agropyron*), live oak (*Prosopis*), conifers, and some annual grasses.
- B. Other surface-use activities and surface ownership of all involved lands. The lands involved in this area are all owned by the U.S. Government. There are no other surface uses in the immediate area other than oil and gas operation.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites. Bitter Creek is the nearest surface water where intermittent water flows from rain and snow melt. There are no other occupied dwellings in the area. There are no known archeological, historical or cultural values on the site; however, an inspection has been made by an approved archeologist, and his report will be submitted upon completion.

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.

Hugh E. Harvey, Engineer
Texas Oil & Gas Corp.
1800 Lincoln Center Building, 1660 Lincoln Street
Denver, Colorado 80264
(303) 861-4246 - Bus.
(303) 278-8222 - Res.

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.

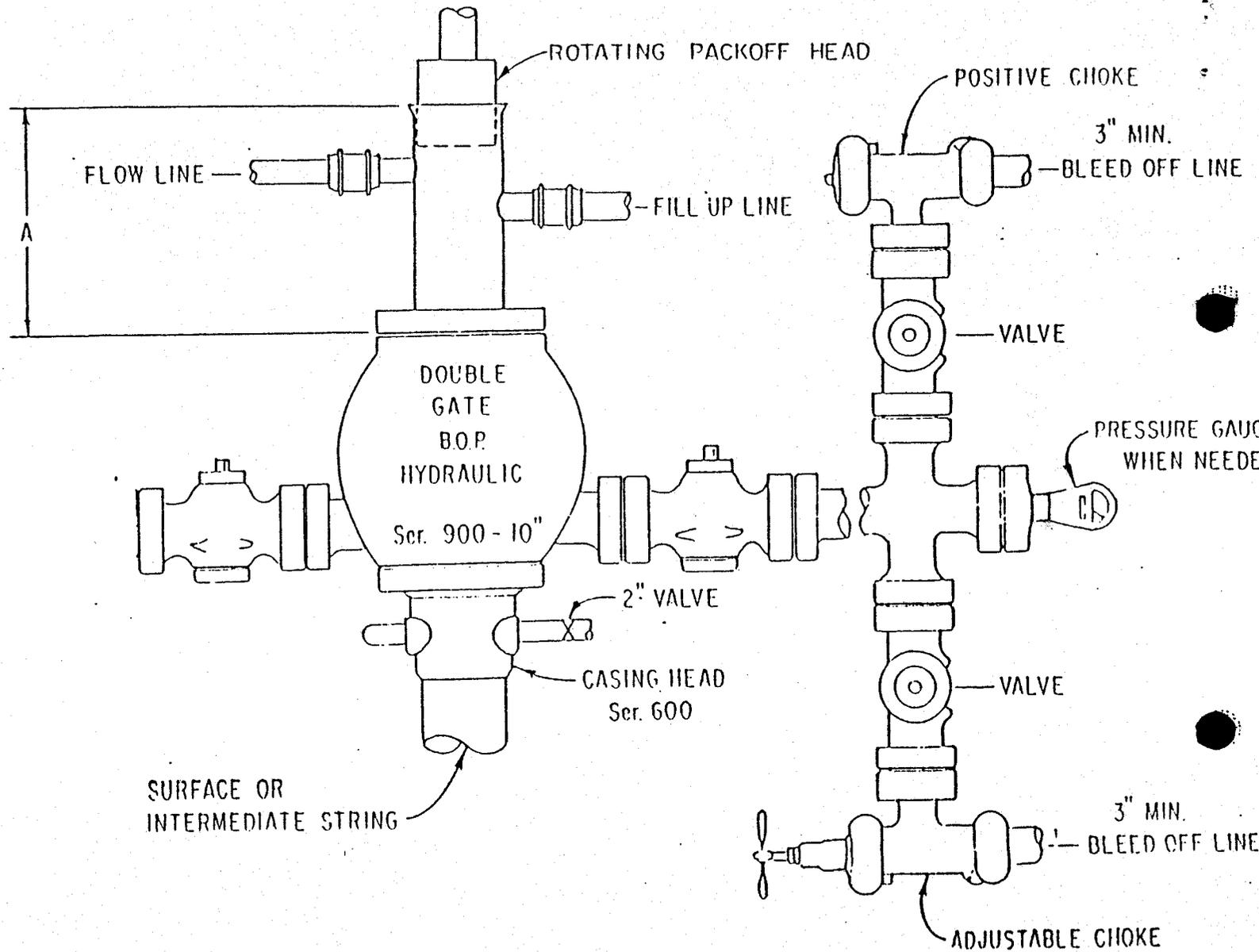
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Texas Oil & Gas Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE:

October 26, 1979

Hugh E. Harvey, Jr.

Hugh E. Harvey, Jr.
Engineer



DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

APD MINERAL EVALUATION REPORT

LEASE NO. U- 6188-B

R: Texas Oil and Gas Corp.

WELL NO. "C" #1

N: 1/4 NW 1/4 NW 1/4 sec. 35, T. 16S, R. 25E, SLM

Grand County, Utah

Geography: Nesten Formation - Mesaverde Group. - Surface

Castlegate 800 (+5120)

Mancos 900 (+5020)

Dakota Silt 4250 (+1670)

Dakota 4320 (+1600)

Morrison 4450 (+1470)

Water:

See attached WRD report.

Minerals:

Prospectively valuable for coal in the Nesten Fm.

Additional Logs Needed: APD program is adequate.

Potential Geologic Hazards: None anticipated.

References and Remarks: U.S.G.S. Map I-736
Within San Arroyo KGS.

Signature: J. Paul Matheny

Date: 11 - 3 - 79

Depths of fresh-water zones:

Atlantic Richfield Co., San Arroyo 3-C

1,485' fnl, 1,880' fwl, sec. 23, T16S, R25E, SLB&M, Grand Co., Utah

Elev. 6,363 ft, proposed test to 1,100 ft

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
Price River Fm	surface	useable
Buck Tongue	700 ft	useable
Castlegate Ss	1,025 ft	useable
Mancos Sh	1,060 ft	saline

There are no water wells of record in the near vicinity of the proposed test. Fresh or useable water has been reported from the Castlegate Ss in similar tests about 10 miles southwestward, and probably will be found at this site to the top of the Mancos Sh.

USGS - WRD
7-15-71

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER. COLORADO 80264

TELEPHONE (303) 861-4246



October 31, 1979

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS & MINING
1588 West North Temple
Salt Lake City, Utah 84116

Re: TXO Arco Federal "C" #1
Section 35-T16S-R25E
Grand County, Utah

TXO Arco Federal "D" #1
Section 34-T16S-R25E
Grand County, Utah

Gentlemen:

Attached please find copies of the Application for Permit to Drill, Multipoint Plan, staking plat and BOP schematic for the above captioned wells.

If there are any questions concerning this matter, please advise.

Very truly yours,

TEXAS OIL & GAS CORP.

Hugh E. Harvey, Jr.
Engineer

b1
Encl.

RIG SKIDDED
NW NW
1303 fml 767 fwl

** FILE NOTATIONS **

DATE: Nov 6, 1979

Operator: Texas Oil and Gas Corporation

Well No: TXO Arco Federal - "C" #1

Location: Sec. 35 T. 16S R. 25E County: Grand

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-019-30572

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: _____

Director: OK printed letter is sent to this Division regarding topographic exception

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site

Lease Designation 3rd

Plotted on Map

Approval Letter Written

Wm

#2
plus
statement

nl
PI

November 15, 1979

Texas Oil and Gas Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

Re: Well No. TXO Arco Federal "C" #1
Sec. 35, T. 16S, R. 25E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations And Rules of Practice and Procedure. However, this Division requires that a letter be sent to this office stating that antopographical exception to spacing is requested and that Texas Oil and Gas Corporation owns or controls the acreage within a 660' radius of the proposed well site.

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

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

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 43-019-30572.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/b:tm

cc: USGS

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

November 27, 1979

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: TXO Arco Federal "C" #1
1285' FNL, 785' FWL
Section 35, T16S - R25E
Grand County, Utah

Dear Sir:

Texas Oil & Gas Corp. proposes to drill a 5,000' Dakota test at the above stated location. This location does not conform to spacing regulations. Texas Oil & Gas Corp. requests a topographic exception to spacing for the proposed location. A legal location in Section 35, T16S - R25E could not be constructed without extreme surface disturbance and excessive impact on the environment.

Texas Oil & Gas Corp. owns or controls the acreage within a 660' radius of the proposed well site.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE:

BY:

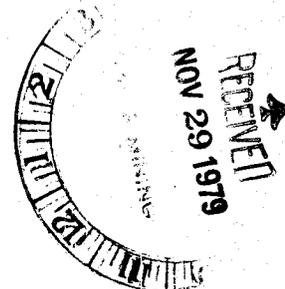
Sincerely yours,

TEXAS OIL & GAS CORP.

Hugh E. Harvey, Jr.

Hugh E. Harvey, Jr.
Engineer

HEH/hgh.



DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Texas Oil and Gas Corporation

WELL NAME: TXO - Arco Federal C #1

SECTION 35 NW NW TOWNSHIP 16S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Veco

RIG # 4

SPUDDED: DATE 1/5/80

TIME 7:45 p.m.

How rotary

DRILLING WILL COMMENCE presently

REPORTED BY Hugh Harvey

TELEPHONE # 303- 861-4246

DATE January 8, 1980

SIGNED M. J. Minder

cc: USGS

TIGHT HOLE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
U-06188B
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
TXO Arco Federal
9. WELL NO.
"C" #1
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 35-T16S-R25E

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
Texas Oil & Gas Corp.

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 1303' FNL, 767' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-019-30572 DATE ISSUED 12-12-79

12. COUNTY OR PARISH Grand 13. STATE Utah

15. DATE SPUDED 1-5-80 16. DATE T.D. REACHED 1-15-80 17. DATE COMPL. (Ready to prod.) 1-26-80 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5920' GR 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 4650' 21. PLUG, BACK T.D., MD & TVD 4525' 22. IF MULTIPLE COMPL., HOW MANY* --- 23. INTERVALS DRILLED BY 0-4650' 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4377-4407' Dakota ALL LOGS
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, GR-corr Central neutron Density, Orsat Injection
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
9 5/8"	36.0#	316'	12 1/4"	225 SXS	
4 1/2"	11.6#	4657'	7 7/8"	175 SXS	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 3/8"	4413'	None

31. PERFORATION RECORD (Interval, size and number) 4377-4407' 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
---	Flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-26-80	24	1 1/4"	→	---	1509	Mist	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
500#	---	→	---	1509	Mist	---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY R. Millet

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED L.A. Varela TITLE Drlg. & Production Manager DATE 1-30-80

*(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 PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
			None	Dakota Silt	4218'
				Top Dakota	4286'
				Buckhorn	4462'
				Morrison	4485'
				Bushy Basin	4607'

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

January 30, 1980

Utah Division of Oil,
Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

CONFIDENTIAL

Re: TXO Arco Federal "C" #1
Section 35-T16S-R-25E
Grand County, Utah

Gentlemen:

Enclosed please find the original and one copy of Form OGC-3
(Well Completion or Recompletion Report & Log). Please note the
"Tight Hole" status of this well.

If you require any additional information, please contact
Mr. Hugh Harvey at the above address.

Sincerely,

TEXAS OIL & GAS CORP.

V. Burchard

Virginia Burchard
Production Secretary

/vb
Enclosures (2)

RECEIVED

FEB 04 1980

DIVISION OF
OIL, GAS & MINING

February 14, 1980

Texas Oil & Gas Corporation
1800 Lincoln Center Bldg.
Denver, Colorado 80264

Attn: Mr. Hugh Harvey

Re: Well No. TXO-ARCO FEDERAL-C-#1
Sec. 35, T. 16S, R. 25E,
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 1-30-80, from above referred to well indicates the following electric logs were run: CBL, GR-COR.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

September 11, 1980

Texas Oil & Gas Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

RE: Well No. DXO Arco Federal "C" #1
Sec. 35, T. 16S, R. 25E.,
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office January 30, 1980, from above referred to well (s) indicates the following electric logs were run: Central Neutron Density, Dual Injection, CBL, GR-corr. As of todays date this office has not received these logs.

Rule G-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Barbara Hill

BARBARA HILL
CLERK-TYPIST



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

September 11, 1980

Texas Oil & Gas Corporation
1800 Lincoln Center Building
Denver, Colorado 80264

RE: Well No. TXO Arco Federal "C" #1
Sec. 35, T. 16S, R. 25E.,
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office January 30, 1980, from above referred to well (s) indicates the following electric logs were run: Central Neutron Density, Dual Injection, CBL, GR-corr. As of todays date this office has not received these logs.

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Your prompt attention to the above will be greatly appreciated.

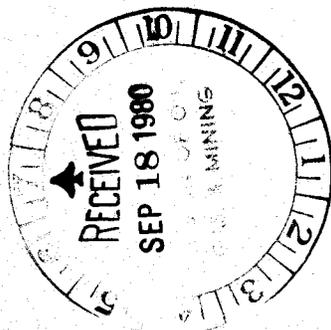
Sincerely,

DIVISION OF OIL, GAS, AND MINING

Barbara Hill
BARBARA HILL
CLERK-TYPIST

BARBARA,
ENCLOSED, PLEASE FIND
LOGS PER YOUR REQUEST.

CINDY PICKARD



RECEIVED

SEP 15 1980

TEXAS OIL & GAS CORP.
DENVER OFFICE

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 9, 1980

RECEIVED

OCT 14 1980

DIVISION OF
OIL, GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Report of Water Encountered
During Drilling
Various Wells

Gentlemen:

Enclosed please find subject reports on the wells listed below:

TXO - ARCO Federal C #1

TXO - ARCO Federal G #1

Harvey Federal 1-X - Confidential (Release date: 10/27/80)

Texas Pacific State #2 - Confidential (Release date: 4/3/81)

If you should have any questions, please do not hesitate to contact me at the above telephone number.

Very truly yours,

TEXAS OIL & GAS CORP.

Paul R Brandt
Paul R. Brandt
Engineer

PRB/ck

enclosures

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number TXO - ARCO Federal C #1
Operator Texas Oil & Gas Corp. Address 1800 Lincoln Center, Denver, CO 80264
Contractor Veco Drilling, Inc. Address P.O. Box 1705, Grand Junction, CO 81502
Location NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 35 T. 16S R. 25E County Grand

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	0	4650'	None	
2.				
3.				
4.				
5.				

(Continue on reverse side if necessary)

Formation Tops

Remarks Drilled with air from 316' to 4397'. Rest of hole drilled with a water base system (mud).

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

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: 1285' FNL - 785' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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) <u>Operator Name Change</u>			

5. LEASE
U-06188-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Arco Federal

9. WELL NO.
"C" #1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 35-T16S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5920' GR

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

RECEIVED
SEP 28 1981

DIVISION OF
OIL, GAS & MINING

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.)*

Effective September 1, 1981, the exploration and production activities of Texas Oil & Gas Corp. have been reorganized into a new corporate branch, TXO Production Corp. As a consequence, the operator name for this well is changed to "TXO Production Corp.", as indicated above in Item 2.

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

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

SIGNED Charles K. Curlee TITLE Environmental Adm. DATE _____

(This space for Federal or State office use)

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



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	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
BOOK CLIFFS UNIT 1 U-037005 4301915410 06665 18S 22E 32	DKTA ✓		Need successor to Unit Oper. (TXO - to Marathon)		
BOOK CLIFFS U #3 U-036905 4301915411 06665 18S 22E 33	DKTA ✓				
LITTLE BERRY ST #1 ml-19905-B 4301931075 06666 16S 23E 2	BUKHN ✓				
NICOR FEDERAL #1 U-31807 4301930656 06667 16S 25E 28	DKTA ✓				
LAUCK #2 U-34033 4301931109 06668 16S 25E 29	MRSN ✓				
BMG FEDERAL #2 U-05015 4301931108 06669 16S 26E 8	DKTA ✓				
WELLSFED FEDERAL #1 U-38363 4301930857 06671 16S 24E 24	DK-MR ✓				
ARCO FEDERAL B-1 U-9831 4301930552 06675 16S 25E 6	DKTA ✓				
ARCO FEDERAL C-1 U-6188-B 4301930572 06680 16S 25E 35	DKTA ✓				
BMG FEDERAL #3 U-05015-A 4301931114 06681 16S 26E 18	DK-BK ✓				
HARVEY FEDERAL 1-X U-10427 4301930574 06685 16S 25E 5	DK-MR ✓				
HOUGEN FED. A #1-ST #1 U-42480 4301930799 06686 17S 24E 14	MRSN ✓				
LAUCK FED A-1 U-34033 4301930990 06687 16S 25E 29	DKTA ✓				
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 _____

Rocky Mountain Region
Productions United States
RECEIVED
JAN 24 1991



P.O. Box 2690
Cody, Wyoming 82414
Telephone 307/587-4961
DIVISION OF OIL, GAS & MINING
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

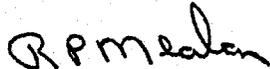
Utah Division of Oil, Gas & Mining
January 22, 1991
Page 2

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.

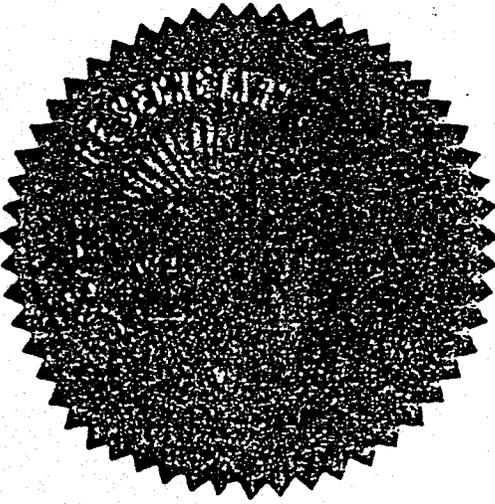
I, Sherrod Brown

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



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

Routing:	
1- LCR	<i>h</i>
2- DTB	<i>CS</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: **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

- 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 5, 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. *Sent 3-5-91*

MICROFILMING

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

FILED

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

REMARKS

- 910204 Bfm/moa6 ~~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 DOBm 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

WRF-999
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Marathon Oil Company

3. Address and Telephone No.
P.O. Box 2690 Cody, Wyoming 82414 (307) 587-4961

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

5. Lease Designation and Serial No.
U-06188-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Arco Federal C #1

9. API Well No.
43-019-30572

10. Field and Pool, or Exploratory Area
San Arroyo

11. County or Parish, State
Grand, Utah

1303' FNL & 767' FWL Sec.35, T16S, R25E

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 Status Change
	<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.)*

Prior Status: Shut-In Dakota gas producer.

Present Status: Active Dakota gas producer, April 24, 1992

RECEIVED

MAY 18 1992

DIVISION OF OIL GAS & MINING

Dist: BLM-orig. +3 (SUDOGM-2, WRE, FMK, WTR-4, Title & Cont. (Hou.), JLS

14. I hereby certify that the foregoing is true and correct
 Signed *R.M. [Signature]* Title Regulatory Coordinator Date April 30, 1992

(This space for Federal or State office use)
 Approved by _____ Title Branch of Fluid Minerals
 Conditions of approval, if any: _____ Date MAY 5 1992
Moab District

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

6. IF INDIAN ALLOTTEE OR TRIBE NAME

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.)

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

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

At proposed prod. zone

See Below

RECEIVED

FEB 25 1993

DIVISION OF OIL GAS & MINING

14. API NO.

See Below

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

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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:

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

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

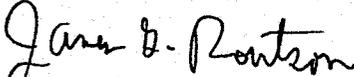
Re: Change of Operator
Sundry Notices
Grand and Uintah Counties, Utah

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

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. ²⁹ 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

FEB 25 1993

UTAH FEDERAL WELLS

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
5. Lease Designation and Serial No.
U-06188-B
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation

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

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Lone Mountain Production Company **FEB 25 1993**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1303' FNL, 767' FWL, Sec. 35-T16S-R25E **OIL GAS & MINING**
(NW $\frac{1}{4}$ NW $\frac{1}{4}$)

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

9. API Well No.
43-019-30572

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 *James A. Rastner* 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.

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-06188-B

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)

1303' FNL, 767' FWL, Sec. 35-T16S-R25E
(NW $\frac{1}{4}$ NW $\frac{1}{4}$)

8. Well Name and No.

Arco Fed. C No. 1

9. API Well No.

43-019-30572

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

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.)

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RECEIVED

MAR 15 1993

DIVISION OF
OIL GAS & MINING

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

Signed Jerry D. Northrup

Title Petroleum Engineer

Date Feb. 22, 1993

(This space for Federal or State office use)
75/ Brent Northrup

Approved by ACTING Title District Manager

Date MAR 10 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

Down

Lone Mountain Production Company
Well No. ARCO Fed. 1
NWNW Sec. 35, T. 16 S., R. 25 E.
Grand County, Utah
Lease U-06188B

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 1995

DIVISION OF
OIL GAS & MINING

Routing:	
1-LEC	7-LEC
2-DTS	215
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)	<u>LONE MTN PRODUCTION CO</u>	FROM (former operator)	<u>MARATHON OIL COMPANY</u>
(address)	<u>PO BOX 3394</u>	(address)	<u>PO 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: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-25-93)*
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)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-16-93)*
6. Cardex file has been updated for each well listed above. *(3-16-93)*
7. Well file labels have been updated for each well listed above. *(3-16-93)*
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)*
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.
- 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) no. Today's date 3/17/93 1993. If yes, division response was made by letter dated 3/17/93 1993.

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 3/17/93 1993, 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. 3/17/93 for Ed Beamer

MICROFILMING

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

FILED

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

REMARKS

930316 Btm/Moeb 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.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-06188B
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ARCO FEDERAL C-1
2. NAME OF OPERATOR: LONE MTN PRODUCTION CO	9. API NUMBER: 43019305720000
3. ADDRESS OF OPERATOR: PO Box 80965 , Billings , MT, 59108	PHONE NUMBER: 406 245-5077 Ext
9. FIELD and POOL or WILDCAT: SAN ARROYO	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1303 FNL 0767 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 35 Township: 16.0S Range: 25.0E Meridian: S	COUNTY: GRAND STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/1/2015 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

Plugging Procedure for Arco Fed C-1 Move in and rig up ND wellhead NU BOPs POOH 2 3/8" tubing and tally RIH CICR and set at 4327' Fill hole with 9 ppg mud Test casing Mix & pump 25 sx cement (15 sx below and 10sx above CICR) Lay down 2 3/8" tubing Perforate 4 1/2" casing at 366' Mix and pump 135 sx cement down 4 1/2" casing and up 4 1/2" X 9 5/8" annulus or until cement is to surface Cut wellhead off and weld on dry hole marker 3' below surface

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

Date: October 13, 2015
 By: Derek Duff

NAME (PLEASE PRINT) Nettie Reed	PHONE NUMBER 970 858-7546	TITLE Vice President
SIGNATURE N/A	DATE 10/7/2015	

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-06188-B
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: Arco Federal C-1	
2. NAME OF OPERATOR: Lone Mountain Production Company	9. API NUMBER: 4301905720-30572	
3. ADDRESS OF OPERATOR: P. O. Box 80965 CITY Billings STATE MT ZIP 59108	PHONE NUMBER: (406) 245-5077	10. FIELD AND POOL, OR WILDCAT: San Arroyo
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1303' FNL, 767' FWL	RECEIVED JUN 18 2016	COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 35 16S 25E S		STATE: UTAH

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

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

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

Lone Mountain Production Company has decided not to plug this well. After having been shut in for the winter, the well built up reasonable pressure. We will produce it sporadically until prices come back.

NAME (PLEASE PRINT) <u>James G. Routson</u>	TITLE <u>President</u>
SIGNATURE	DATE <u>6/8/2016</u>

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

Federal Approval Of This
Action Is Necessary