

# TXO

**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 2, 1981

**RECEIVED**  
SEP 02 1981

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

DIVISION OF  
OIL, GAS & MINING

Attention: Mr. Cleon Feight

Re: Lauck Federal #2  
Section 29-T16S-R25E  
Grand County, Utah

Gentlemen:

Enclosed for your review and approval are three copies of an Application for Permit to Drill for the above-referenced well location. Copies of the survey plat, and blowout preventer diagram are also submitted in triplicate.

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

PU/BS  
Enclosures/as stated

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  
TXO Production Corp. - Attention: Paul Urban

3. ADDRESS OF OPERATOR  
1800 Lincoln Center Building, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface: 1911" FSL, 1295' FWL Section 29-T16S-R25E  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
1295'

16. NO. OF ACRES IN LEASE  
880

17. NO. OF ACRES ASSIGNED TO THIS WELL  
320

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

19. PROPOSED DEPTH  
6500'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7334

22. APPROX. DATE WORK WILL START\*  
October 30, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	60'	3 yards
12 1/2"	9 5/8"	36#	300'	200 sacks <i>circ. to surf.</i>
8 3/4"	7"	20#	2400'	200 sacks
6 1/2"	4 1/2"	11.6#	6500'	200 sacks

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

DATE: 10-5-81  
BY: [Signature]

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

24. SIGNED R. Bruce Wright for R.E. Dashner TITLE District Drilling Engineer DATE 8/20/81  
Ronald E. Dashner

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

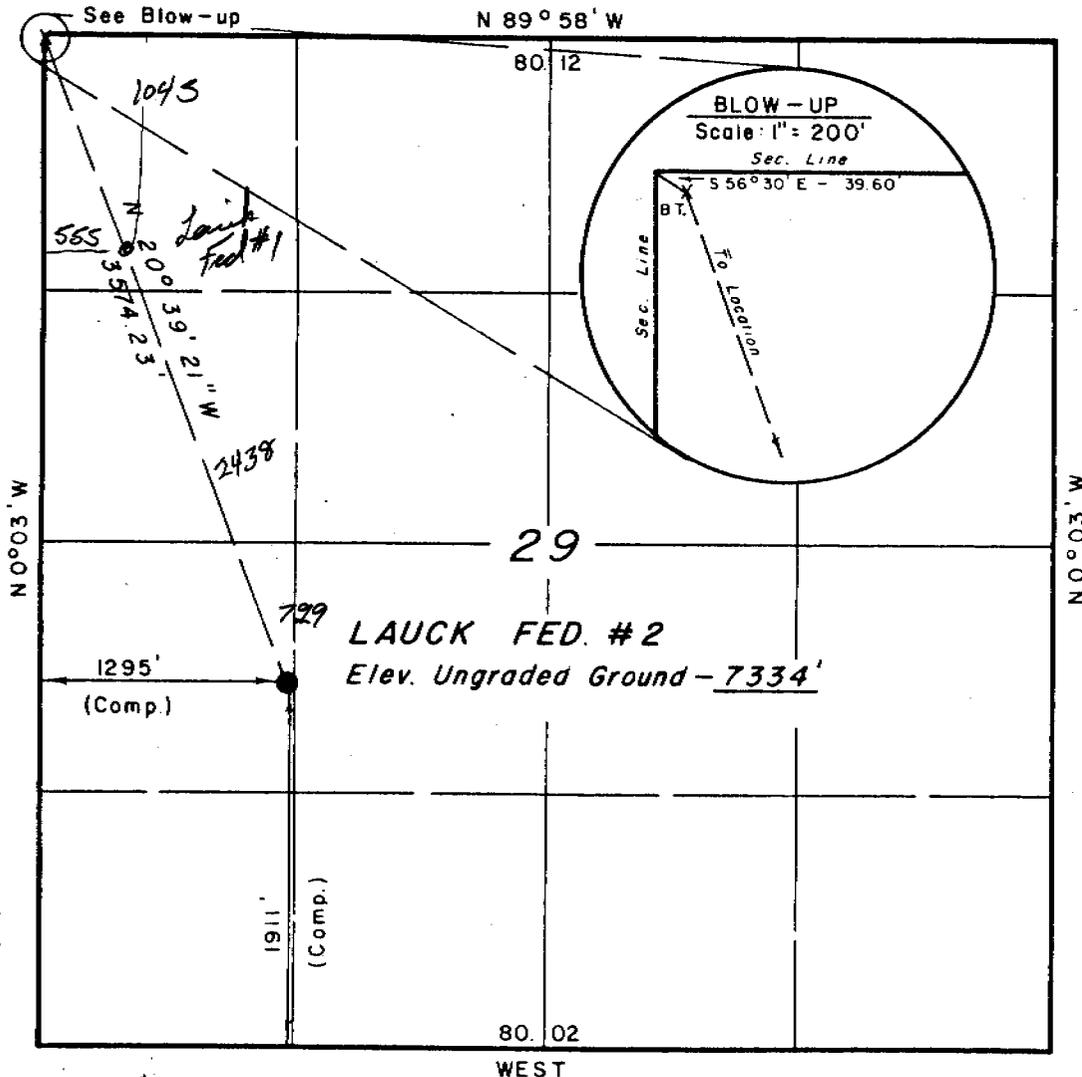
CONDITIONS OF APPROVAL, IF ANY:

T 16 S, R 25 E, S.L.B. & M.

PROJECT  
**TEXAS OIL & GAS CORP.**

Well location, *LAUCK FED. #2*,  
located as shown in the NW1/4 SW1/4  
Section 29, T16S, R25E, S.L.B. & M.  
Grand County, Utah.

NOTE: BASIS OF BEARINGS IS FROM  
SOLAR OBSERVATIONS OF THE SUN.



CERTIFICATE

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

*Lawrence P. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 8/3/81
PARTY DA, RK, JK, BK	REFERENCES GLO PLAT
WEATHER FAIR & WARM	FILE TEXAS OIL & GAS

X = Section Corners Located

Exhibit 2  
Survey Plat

1294  
1827

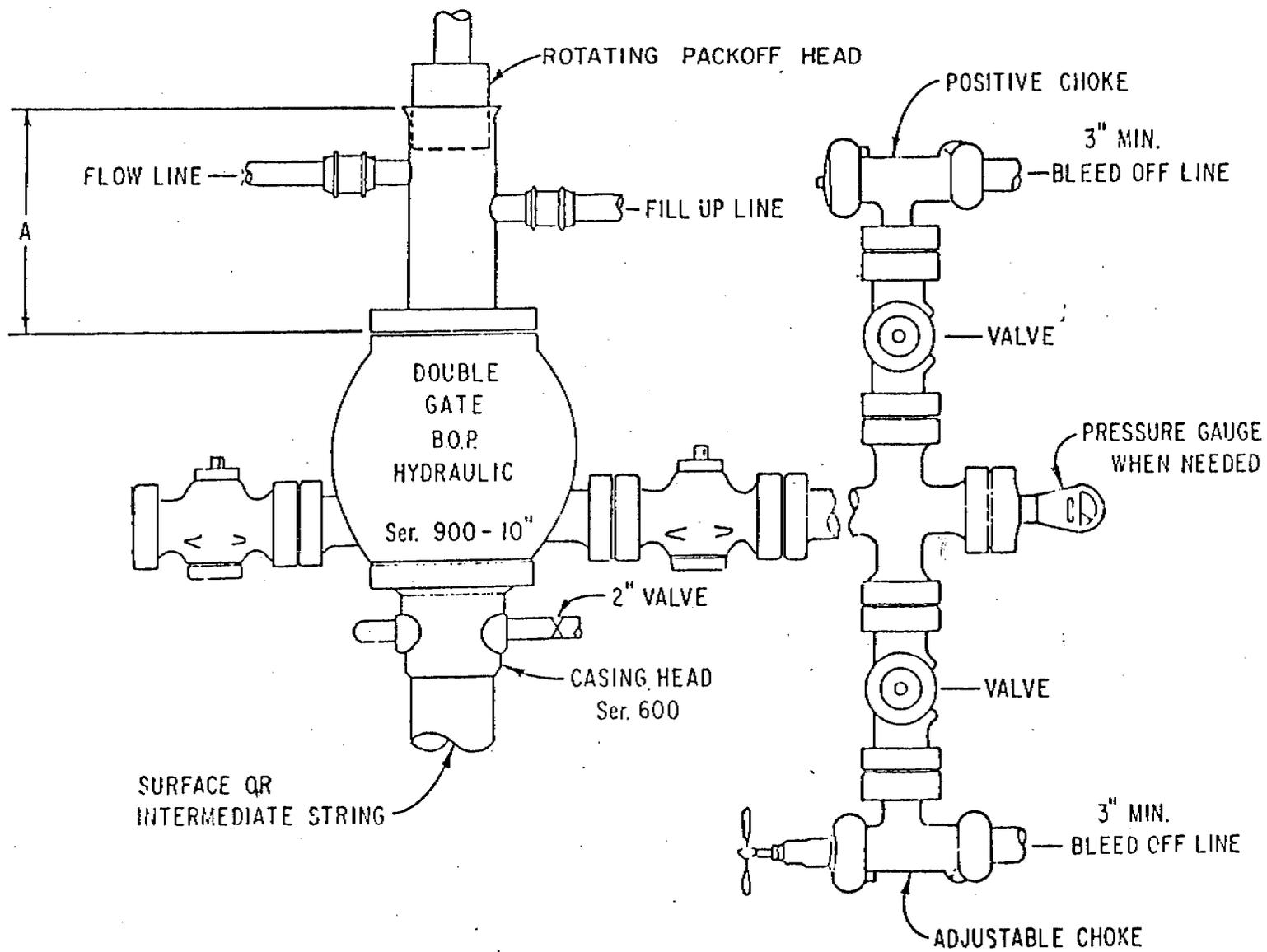


EXHIBIT I  
 BLOWOUT PREVENTER DIAGRAM

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 Building, Denver, Co 80264

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1911" FSL, 1295' FWL  
AT SURFACE: Sec. 29-T16S-R25E  
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) Operator Name Change	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE	U 34033
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	---
7. UNIT AGREEMENT NAME	---
8. FARM OR LEASE NAME	Lauck Federal
9. WELL NO.	#2
10. FIELD OR WILDCAT NAME	San Arroyo
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 29-T16S-R25E
12. COUNTY OR PARISH	Grand
13. STATE	Utah
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	7334' GR

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

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

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 9/14/81  
Charles K. Curlee

(This space for Federal or State office use)

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

\*\* FILE NOTATIONS \*\*

DATE: Sept. 29, 1981  
OPERATOR: T/O Production Corp.  
WELL NO: Lauak Federal #2  
Location: Sec. 29 T. 16S R. 25E County: Grand

File Prepared:  Entered on N.I.D:   
Card Indexed:  Completion Sheet:

API Number 43-019-30861

CHECKED BY:

Petroleum Engineer: M. J. Minder 10-5-81  
a 320 ac drilling unit in the south 1/2 of sec 29

Director: \_\_\_\_\_

Administrative Aide: As Per Rule C-3(c) needs topog or  
more location to close to proposed well in sec. #30, block  
7 of #1, 2088 E.S. + 2287 F.W.L. + pro. gov. well in #32, blk. #2, 1827 F.W.L. +  
1394 F.W.L.

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. 149-36 5/28/80 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  Fed. Plotted on Map

Approval Letter Written

Hot Line  P.I.

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

October 6, 1981

**RECEIVED**  
OCT 09 1981

DIVISION OF  
OIL, GAS & MINING

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

Re: Lauck Federal #2  
1911' FSL, 1295' FWL  
Section 29-T16S-R25E  
Grand County, Utah

Dear Mike,

TXO Production Corp. requests an administrative spacing exception for the above-mentioned well. Due to topography TXO was unable to locate this well site more than 729' from the north drilling unit boundary and 2324' from the proposed Lauck Federal #1 location in the NW/4 of Section 29. The drilling unit for the Lauck Federal #2 consists of the south half of Section 29-T16S-R25E. (See attached map)

If you have any questions, please contact me at this office.

Very truly yours,

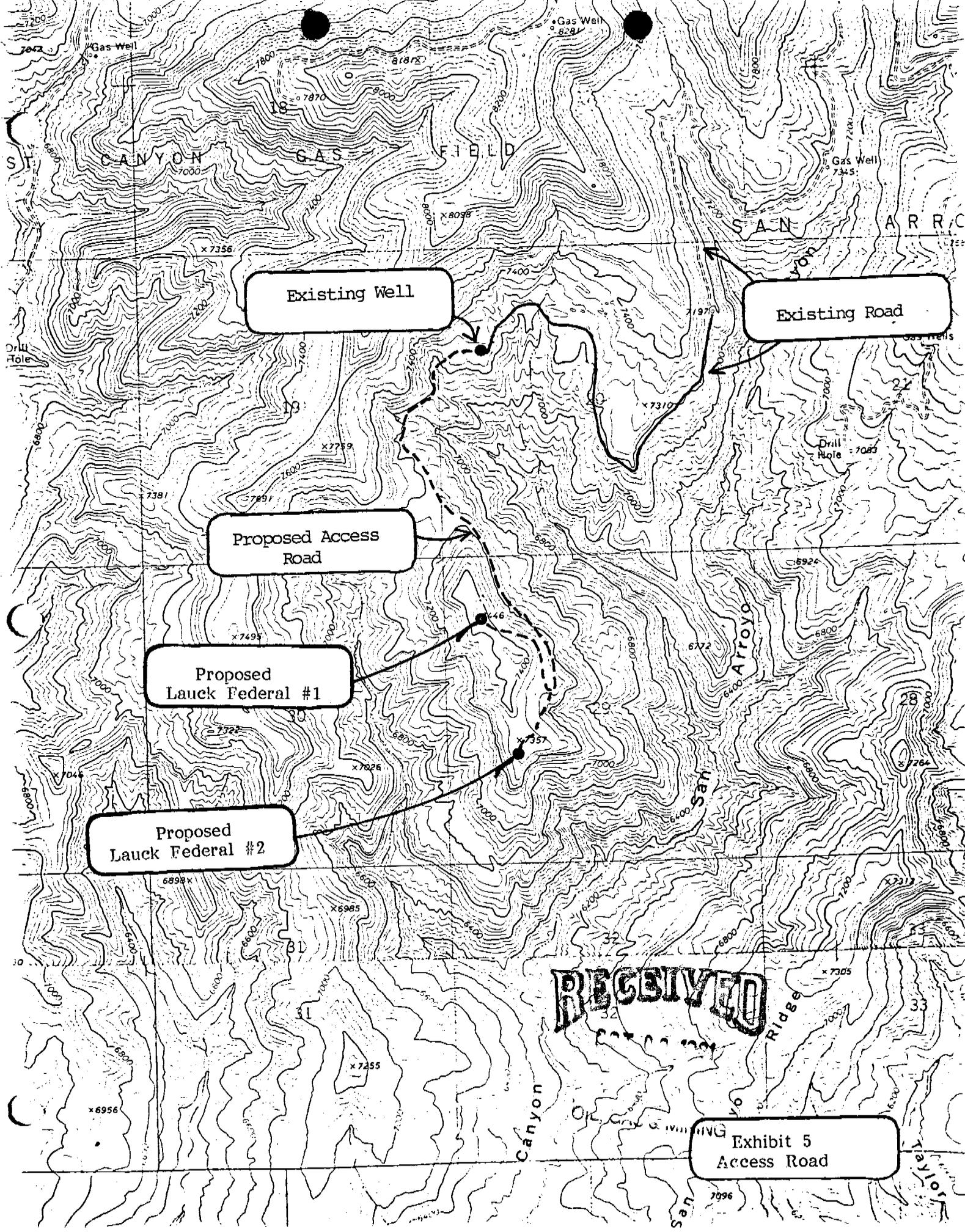
TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

PU/JY

Enclosures/as stated



Existing Well

Existing Road

Proposed Access Road

Proposed Lauck Federal #1

Proposed Lauck Federal #2

RECEIVED

Exhibit 5  
Access Road

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  
 TXO Production Corp. - Attention: Paul Urban

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 1911" FSL, 1295' FWL Section 29-T16S-R25E  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1295'

16. NO. OF ACRES IN LEASE  
 880

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

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

19. PROPOSED DEPTH  
 6500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7334

22. APPROX. DATE WORK WILL START\*  
 October 30, 1981

5. LEASE DESIGNATION AND SERIAL NO.  
 U 34033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 \_\_\_\_\_

7. UNIT AGREEMENT NAME  
 \_\_\_\_\_

8. FARM OR LEASE NAME  
 Lauck Federal

9. WELL NO.  
 #2

10. FIELD AND POOL, OR WILDCAT  
 San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 29-T16S-R25E

12. COUNTY OR PARISH  
 Grand

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	Conductor	60'	3 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	2400'	200 sacks
6 1/2"	4 1/2"	11.6#	6500'	200 sacks

**RECEIVED**  
 DEC 24 1981

DIVISION OF  
 OIL, GAS & MINING

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

24. SIGNED R. Bruce Wright District Drilling Engineer DATE 8/26/81  
Ronald E. Dashner TITLE \_\_\_\_\_

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY W.P. Mathes FOR E. W. GUYNN  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR DATE **DEC 21 1981**

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
 TO OPERATOR'S COPY

*State of CO*

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

Identification No. 594-81

United States Department of the Interior  
Geological Survey  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator TXO PRODUCTION CORPORATION  
Project Type GAS WELL  
Project Location 1911' FSL, 1295' FWL, SEC 29, T16S, R25E  
Well No. 2 Lease No. U-34033  
Date Project Submitted 8-28-81

FIELD INSPECTION

Date 9-16-81

Field Inspection  
Participants

GEORGE DIWACHAK USGS  
JEFF ROBBINS, KEVIN CLEARY BLM  
PAUL URBAN TXO  
DAN NAYLOR NORTHWEST PIPELINE  
FORREST BIRD GALLEY CONST.

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

12-17-81

Date Prepared

George J. Diwachak  
Environmental Scientist

I concur

DEC 17 1981

Date

E. W. Gynn FOR E. W. GYNN  
DISTRICT OIL & GAS SUPERVISOR  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety	1 (12-4-81)				9		6	6 (9-16-81)	4,8
2. Unique charac- teristics	1 ↓				9		6	6 ↓	4,8
3. Environmentally controversial	1				9		6	6	4,8
4. Uncertain and unknown risks	1				9		6	6	4,8
5. Establishes precedents					9		6	6	
Cumulatively significant					9		6	6	4
7. National Register historic places	1 (12-4-81) ↓								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1				9		6	6	4,8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. RECOMMENDED STIPULATIONS
9. ENVIRONMENTAL ASSESSMENT No. 200-81 FOR TEXAS  
OIL AND GAS CORPORATION WELL No. 1 Sec 9 T 16S, R 26E

## RECOMMENDED STIPULATIONS

- 1 SEE BLM STIPULATIONS
2. ADEQUATE QUANTITIES OF CEMENT MUST BE USED WITH INTERMEDIATE CASING STRINGS TO INSURE ISOLATION OF USEABLE WATER IN THE MESAVERDE FORMATION



# United States Department of the Interior

IN REPLY REFER TO

3109  
(U-068)

BUREAU OF LAND MANAGEMENT  
Moab District  
Grand Resource Area  
P.O. Box M  
Moab, Utah 84532

Memorandum

DEC 04 1981

To: District Engineer  
USGS Conservation Division  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

From: Area Manager

Subject: Permit to Drill  
Lauck Fed. #2  
Section 29, T 16 S., R. 25 E.  
Grand County, Utah

On September 16, 1981 a representative from this office met with George Diwachak, USGS, and Paul Urban, agent of the TXO Production Corp. for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to TXO Production Corp.

Enclosure: (4)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities  
4-Class II Road & Survey Design

Company: TXO Production Corp.  
Well: Lauck Fed. #2  
Section 29 T. 16 S., R. 25 E.

ADDITIONS TO THE MULTIPOINT  
SURFACE USE PLAN  
AND  
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is. This portion of the road will be maintained to Class II Standards (referring to BLM East Bookcliff transportation plan).

New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.

Trees will be saved along the route, topped and bucked (pinyon juniper) along the uphill side on slopes less than 45%. The Douglas Fir will be treated as stipulated on the right-of-way.

Topsoil will be saved along the route between the trees and the road on slopes less than 45%.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: Reserve pit will be shortened 75' at stakes 4 and 4a (refer exhibit 8 NTL-6). The width of the pad will be lessened by 25 feet at stakes 2, 1, and 8 inclusive (refer exhibit 8 NTL-6). The live trees will be topped and stems bucked up. The dead trees will be piled separate from the stockpiled topsoil and the tree tops.
7. The top 8 inches of soil material will be removed from the location and stockpiled separate from the trees on the north east side of the location above stakes 5a and 6a.
8. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 4 strand barbed wire.

## PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. The production facilities will be established and reclaimed to conform with the natural surroundings.

## REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801 259-6111), 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 to 18 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use/vehicle use.
9. Waterbars will be used on all sloping surfaces as shown below:

### Grade

2%  
2-4%  
4-5%  
+5%

### Spacing

200 ft. spacing  
100 ft. spacing  
75 ft. spacing  
50 ft. spacing



SUGGESTED COLORS TO PAINT OIL & GAS  
PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

- Dynasty Green (Sears)
- Tumbledead (Pratt & Lambert)
- Desert Tan -----
- Sage Gray (Pratt & Lambert)

Bookcliffs Region:

- Sage Gray (Pratt & Lambert)
- Sea Life (Pratt & Lambert)
- Dynasty Green (Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

List #2

Bookcliff

Species

Grasses

Agropyron inerme	Beardless bluebunch	1
Festuca thurberi	Thurber fescue	1
Oryzopsis hymenoides	Indian ricegrass	1
Poa fendleriana	Muttongrass	1

Forbs

Hedysarum boreale var utahensis	Utah northern sweetvetch	1/2
Medicago sativa	Alfalfa	1
Penstemon palmeri	Palmer penstemon (Pind wildsnaparagon)	1/2

Shrubs

Cercocarpus montanus	Birchleaf mountain-mahogany (True mahogany)	1
Purshia tridentata	Antelope bitterbrush	1

1  
8 lbs/ac



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

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

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

May 6, 1982

TXO PRODUCTION COMPANY  
1800 Lincoln Center Bldg.  
Denver, Colorado 80264

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

Well No. Lauck Federal #1  
Sec. 29, T. 16S, R. 25E.  
Grand County, Utah

Well No. Lauck Federal #2  
Sec. 29, T. 16S, R. 25E.  
Grand County, Utah

Well No. Hancock Federal #1-X  
Sec. 5, T. 17S, R. 25E.  
Grand County, Utah

Well No. Winter Ridge Federal #1  
Sec. 33, T. 15S, R. 22E.  
Uintah County, Utah

Well No. Duncan Federal #3  
Sec. 28, T. 15S, R. 23E.  
Uintah County, Utah

Well No. Duncan Federal #4  
Sec. 33, T. 15S, R. 23E.  
Uintah County, Utah

October 13, 1981

TXO Production Corp.  
1800 Lincoln Center Bldg.  
Denver, Colo. 80264

RE: Well No. Lauck Federal #2,  
Sec. 29, T. 16S, R. 25E,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-3B, dated May 28, 1980/ This will be the location for the South half of section 29.

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 - Petroleum 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.

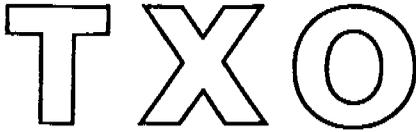
The API number assigned to this well is 43-019-30860.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

MTM/db  
CC: USGS



**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

May 17, 1982

Utah Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Attention: Cari Furse

Re: Various Wells  
Grand & Uintah Counties, Utah

Dear Sir/Madam:

TXO Production Corp. has received your May 6, 1982 letter inquiries concerning the status of various wells locations in Grand and Uintah Counties, Utah. The current status and comments for each well are given below:

- Arco Federal "B" #2  
Section 6, T16S-R25E  
Grand County, Utah      LA Well deferred; cancel permit
- Asphalt Creek Federal #2  
Section 10-T12S-R24E  
Uintah County, Utah      Well to be drilled in late 1982 or early 1983; reserve permit
- Baumgartner Federal #1  
Section 25-T16S-R24E  
Grand County, Utah      Well to be drilled in fall 1982; reserve permit
- Duncan Federal #3  
Section 28-T15S-R23E  
Uintah County, Utah      LA Well to be moved; cancel permit; will submit new APD for new location
- Duncan Federal #4  
Section 33-T15S-R23E  
Uintah County, Utah      LA Well to be moved; cancel permit; will submit new APD for new location
- Grynberg Federal #1  
Section 28-T16S-R25E  
Grand County, Utah      Well to be drilled in fall 1982 or spring 1983; reserve permit
- Hancock Federal #1-X  
Section 5-T17S-R25E  
Grand County, Utah      Well drilled April-May 1981; Form OGC-8-X submitted May 26, 1981; Completion Report will be submitted under separate cover

RECEIVED  
MAY 19 1982

DIVISION OF  
OIL & GAS



Page Two  
May 17, 1982

Hougen Federal "A" #1  
Section 14-T17S-R24E  
Grand County, Utah

Well to be drilled late 1982 or early 1983;  
reserve permit

Lauck Federal #1  
Section 29-T16S-R25E  
Grand County, Utah

LK

Well to be moved; cancel permit; will  
submit new APD for new location

Lauck Federal #2  
Section 29-T16S-R25E  
Grand County, Utah

Well may be moved; reserve permit for  
current location

Moxa Federal "A" #1  
Section 4-T16S-R26E  
Grand County, Utah

Well drilled May-June 1981; water sands  
and Completion Report will be submitted  
under separate cover

Wall Federal #1  
Section 30-T16S-R25E  
Grand County, Utah

Well to be drilled late 1982 or early 1983;  
reserve permit

Winter Ridge Federal #1  
Section 33-T15S-R22E  
Uintah County, Utah

LK

Well will not be drilled; cancel permit

The drilling schedule for wells that will be drilled is tentative and subject to change. Nonetheless, the permits should be retained as valid. Completion and water sands reports for wells drilled in 1981 are forthcoming. I trust that our drilling and reporting delays have not inconvenienced your office.

Very truly yours,

TXO PRODUCTION CORP.



Charles K. Curlee  
Environmental Administrator

CKC/BS

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  
 TXO Production Corp. Attn: Paul Urban

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 1072' FSL, 620' FEL Section 29-T16S-R25E  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 620'

16. NO. OF ACRES IN LEASE 880

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3174'

19. PROPOSED DEPTH 5100'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6262' GR

22. APPROX. DATE WORK WILL START\* October 30, 1982

5. LEASE DESIGNATION AND NUMBER U-34033

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME SALT LAKE CITY, UTAH

8. FARM OR LEASE NAME Lauck Federal "A"

9. WELL NO. # # /

10. FIELD AND POOL, OR WILDCAT San Arroyo

11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA Section 29-T16S-R25E

12. COUNTY OR PARISH 13. STATE Grand Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	1900'	200 sacks
6 1/4"	4 1/2"	10.5# K-55	5100'	200 sacks

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

24. SIGNED R. Bruce Wright for R.E. Dashner TITLE District Drilling Engineer DATE 8/3/82  
R.E. Dashner

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

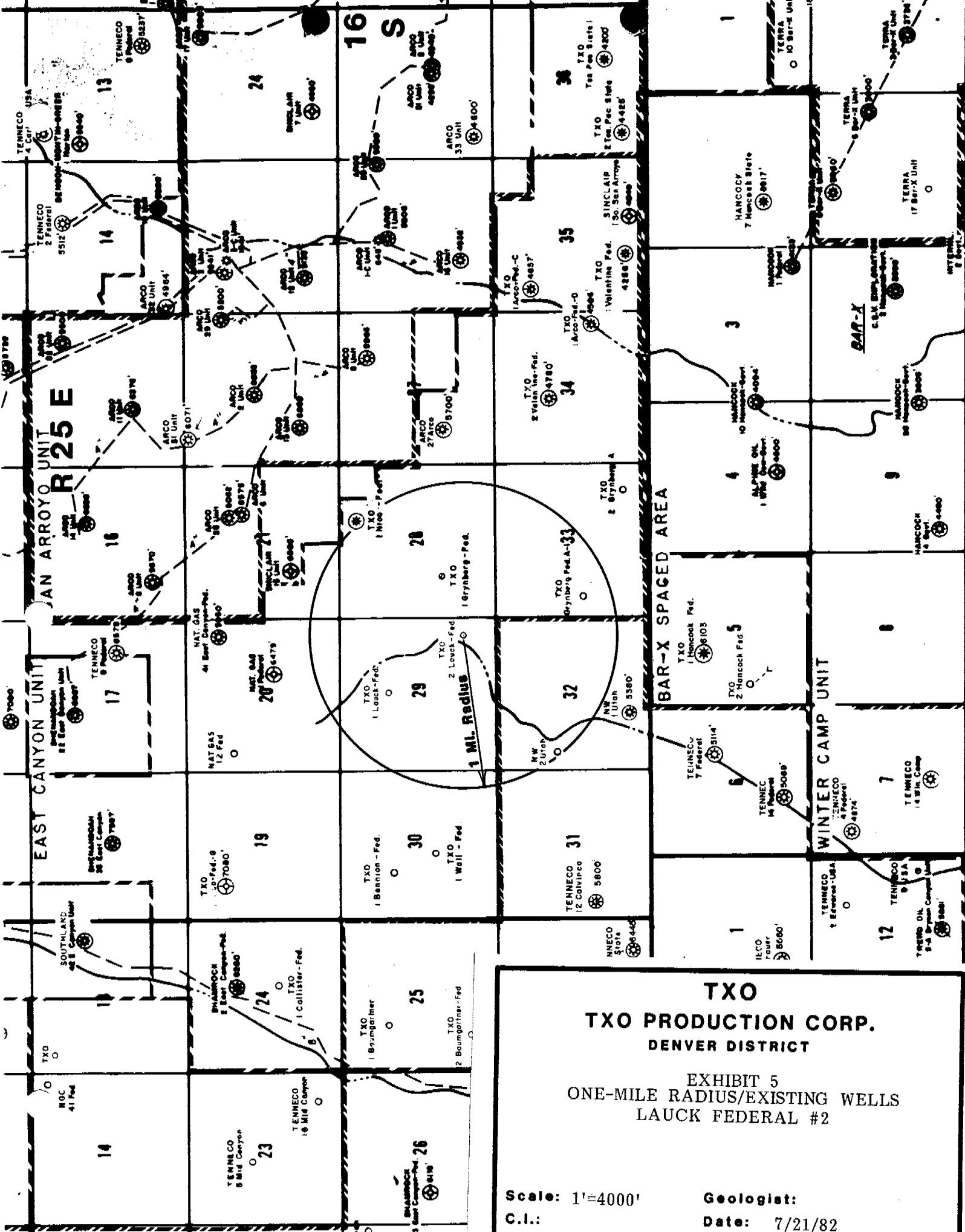
APPROVED BY [Signature] FOR E. W. GUYNN DATE SEP 3 0 1982  
 TITLE DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

State O & G

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY



**TXO**  
**TXO PRODUCTION CORP.**  
**DENVER DISTRICT**  
 EXHIBIT 5  
 ONE-MILE RADIUS/EXISTING WELLS  
 LAUCK FEDERAL #2

Scale: 1"=4000'  
 Geologist:  
 C.I.:  
 Date: 7/21/82

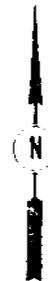
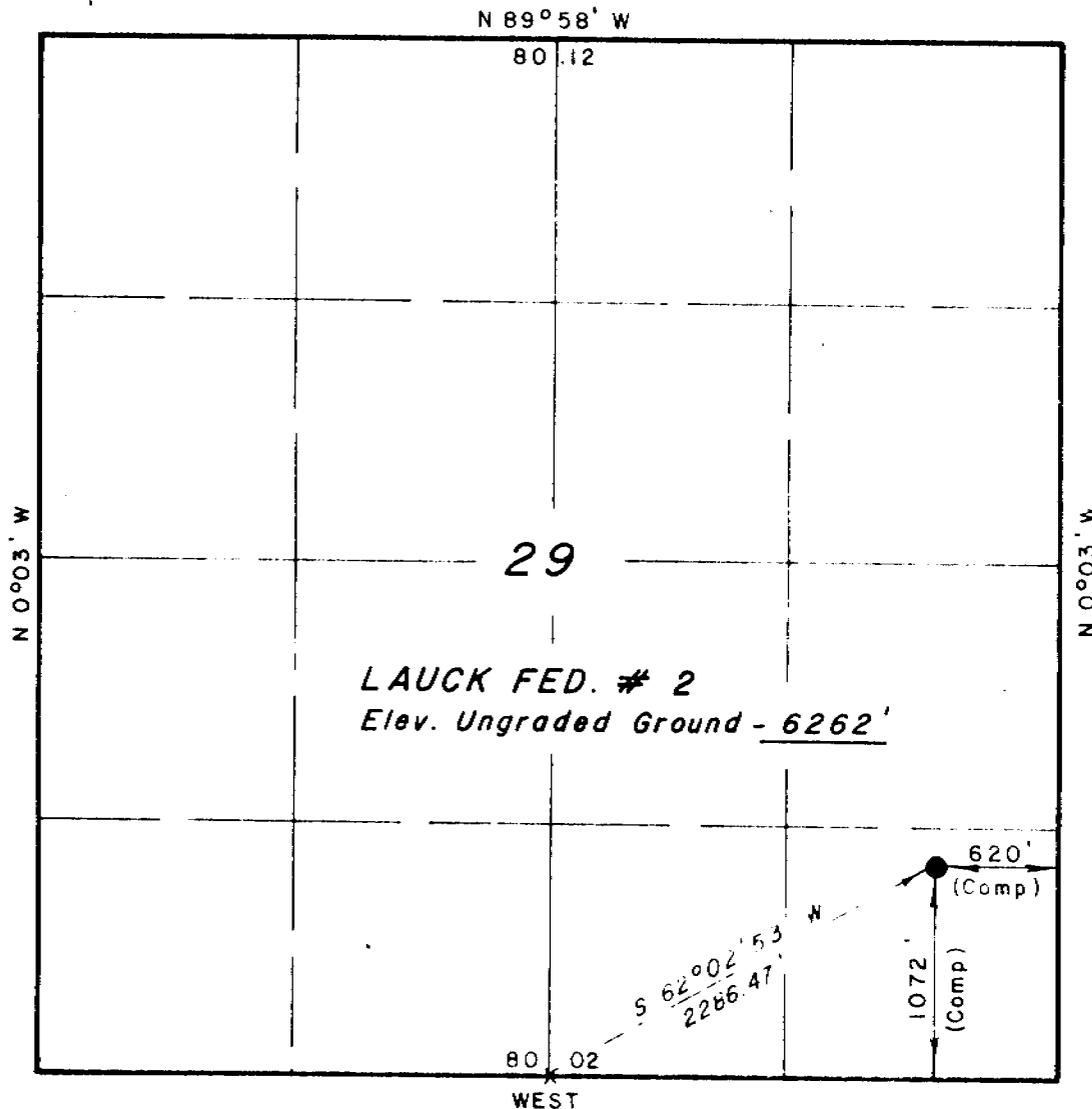
T 16 S, R 25 E, S.L.B. & M.

PROJECT

TXO PRODUCTION CORP.

Well location, *LAUCK FED. # 2*,  
located as shown in the SE 1/4 SE 1/4  
Section 29, T16S, R25E, S.L.B.&M.  
Grand County, Utah.

NOTE: BASIS OF BEARINGS IS FROM  
SOLAR OBSERVATIONS OF THE SUN.



REGISTERED PROFESSIONAL ENGINEER  
REGISTERED LAND SURVEYOR  
REGISTERED MINING ENGINEER  
REGISTERED GEOLOGIST  
REGISTERED CIVIL ENGINEER  
REGISTERED ELECTRICAL ENGINEER  
REGISTERED MECHANICAL ENGINEER  
REGISTERED CHEMICAL ENGINEER  
REGISTERED AERONAUTICAL ENGINEER  
REGISTERED METALLURGICAL ENGINEER  
REGISTERED INDUSTRIAL ENGINEER  
REGISTERED NUCLEAR ENGINEER  
REGISTERED AGRICULTURAL ENGINEER  
REGISTERED MARINE ENGINEER  
REGISTERED AEROSPACE ENGINEER  
REGISTERED ENVIRONMENTAL ENGINEER  
REGISTERED FOOD ENGINEER  
REGISTERED TEXTILE ENGINEER  
REGISTERED FIBER ENGINEER  
REGISTERED POLYMER ENGINEER  
REGISTERED CHEMICAL ENGINEER  
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REGISTERED POLYMER ENGINEER  
REGISTERED CHEMICAL ENGINEER  
REGISTERED METALLURGICAL ENGINEER  
REGISTERED INDUSTRIAL ENGINEER  
REGISTERED NUCLEAR ENGINEER

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

SCALE	1" = 1000'	DATE	6/18/82
PARTY	DA, JK, RS	REFERENCE	GLO PLAT
WEATHER	WARM	FILE	TXO

X = Section Corners Located

Exhibit 2  
Survey Plat

TXO Production Corporation  
Well No. Lauck Federal "A" #1  
Section 29, T16S,R25E  
Grand County, Utah  
Lease No. U-34033

Supplemental Stipulations:

1. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
2. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
3. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. Salvage or excavation of identified archaeological sites will not be done if damage occurs.
4. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
5. Improvement to the existing road will be necessary. The stipulations attached to the right-of-way U-51292 will apply and part 1 E of your Multipoint Surface Use and Operations Plan.
6. New road construction will be limited to a total disturbed width of 16 feet. For construction design and survey refer to a class III road standards attachment and part 2 of Multipoint Surface Use & Oil Operation Plan. The road will be constructed out of the bottom of San Arroyo Canyon.
7. Topsoil will be saved along the route and windrowed between the trees and the road.
8. Surfacing material will not be placed on the access road or location without prior BLM approval.
9. The top six inches of soil material will be removed from the location and stockpiled separate from the trees on the southwest quadrant of the location.
10. Trees and vegetation will be windrowed along the up slope side of the road. All merchantable timber on the access road (minimum 10" DBH, diameter breast height) and containing at least one 16' log must be felled, limbed, and bucked to log length. Log lengths would be 8'6", 12'6", 16'6" etc., this allows for trim allowance. The merchantable timber must be yarded along the roadside in such a manner so as to be easily loaded and hauled off the site.

When the merchantable timber is yarded along the road side the authorized officer of the BLM will return to the right-of-way site and scale the timber to determine the merchantable volume. At this time TXO will have the option of purchasing the timber at a price set by the authorized officer. If TXO buys the timber they will have three months from the date of appraisal to haul away the timber. If TXO does not buy the timber it will become the property of the BLM and they will utilize it however they like.

11. The reserve pit will not be lined. The pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over. Pit will be fenced on three sides prior to drilling and the 4th side prior to rig removal. Use 4 strands of barbed wire. 1st strand will be 6" above ground; 2nd strand 6" above 1st; 3rd strand 1' above 2nd; 4th strand 1' above 3rd wire.

12. Round off north west corner to stay out of the wash. Location will be reduced to 190' by 225'. Leave 10' buffer of trees on north end of pad. Clear area 1-1.5 cat blades wide to mineral soils south and east of blooie pit. Trees and vegetation will be stacked separate from top soils on the southwest corner of pad.

13. Production flowlines will follow access road to main transmission south of the location. Tanks and equipment will be placed on the south half of the location.

14. Access road will be rerouted to conform to hill and grade requirements and will be the design of a class III road.

15. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.

16. All above-ground production facilities will be painted using the attached suggested colors.

17. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource. Surface casing program may require adjustment for protection of fresh water aquifers.

18. No new construction activity (roads and/or locations) will be allowed from November 1 through March 31 to protect wintering wildlife and watershed values unless approved by the authorized officer.

## REHABILITATION

1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash ~~box~~/cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 6 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any use and closed through S $\frac{1}{2}$ SE $\frac{1}{4}$ , sec. 29, T. 16 S., R. 25 E.
9. Waterbars will be used as needed on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 ft. spacing
2-4%	100 ft. spacing
4-5%	75 ft. spacing
+5%	50 ft. spacing



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS  
PRODUCTION FACILITIES

## Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
<hr/>	
Sage Gray	(Pratt & Lambert)

## Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

SEED MIXTURE

<u>Species</u>		<u>Rate</u> <u>lbs/acre</u>
<u>Grasses</u>		
Agropyron smithii	Western wheatgrass	2
Elymus canadensis	Canada wildrye	2
Festuca thurberi	Thurber fescue	2
Stipa columbiana	Columbia needlegrass	2
<u>Forbs</u>		
Melilotus officinalis	Yellow sweetclover	.5
Medicago sativa	Alfalfa	.5
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	1
Purshia tridentata	Bitterbrush	<u>1</u>
	Total	11

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING

DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 5, 1982

Mr. Cleon Feight  
Utah Division of Oil, Gas & Mining  
Department of Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Lauck Federal #2  
Section 29-T16S-R25E  
Grand County, Utah

API 43-019-30861

Dear Mr. Feight:

Please find enclosed one copy of the APD/MSUOP for the above-referenced well. We previously went through the permitting process for this well prospect in a different location, however, due to geologic considerations we have relocated this well site.

TXO Production Corp. requests an administrative spacing exception for the proposed Lauck Federal #2 well, located 1072' FSL, 620' FEL Section 29-T16S-R25E, Grand County, Utah. This location is being proposed in the southeast quarter because we feel it is the best geologic location. The topographic constraints in the southeast quarter dictated it being placed only 620 feet from the east drilling unit boundary (see Exhibit 4 of the APD/MSUOP).

If you have any questions regarding this, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

1911 FSL 1795 FWL } CARD  
SAN ARROYO FIELD

PU/JY

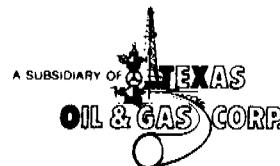
Enclosures/as stated

#1 1704 FNL CWNL  
2510 FSL

# RECEIVED

AUG 09 1982

DIVISION OF  
OIL, GAS & MINING



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  
 TXO Production Corp. Attn: Paul Urban

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface: 1072' FSL, 620' FEL Section 29-T16S-R25E  
 At proposed prod. zone: 620'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 31 miles NW of Mack, Colorado

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 620'

16. NO. OF ACRES IN LEASE 880

17. NO. OF ACRES ASSIGNED TO THIS WELL 320

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3174'

19. PROPOSED DEPTH 5100'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6262' GR

22. APPROX. DATE WORK WILL START\* October 30, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-34033

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

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 Lauck Federal

9. WELL NO.  
 #2

10. FIELD AND POOL, OR WILDCAT  
 San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 29-T16S-R25E

12. COUNTY OR PARISH 13. STATE  
 Grand Utah

SESE  
MACKERSON

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36#	300'	200 sacks
8 3/4"	7"	20#	1900'	200 sacks
6 1/4"	4 1/2"	10.5# K-55	5100'	200 sacks

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
 DATE: 8-13-82  
 BY: *James C. Stout*

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

24. SIGNED *R. Bruce Wright for R.E. Dasher* TITLE District Drilling Engineer DATE 8/3/82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

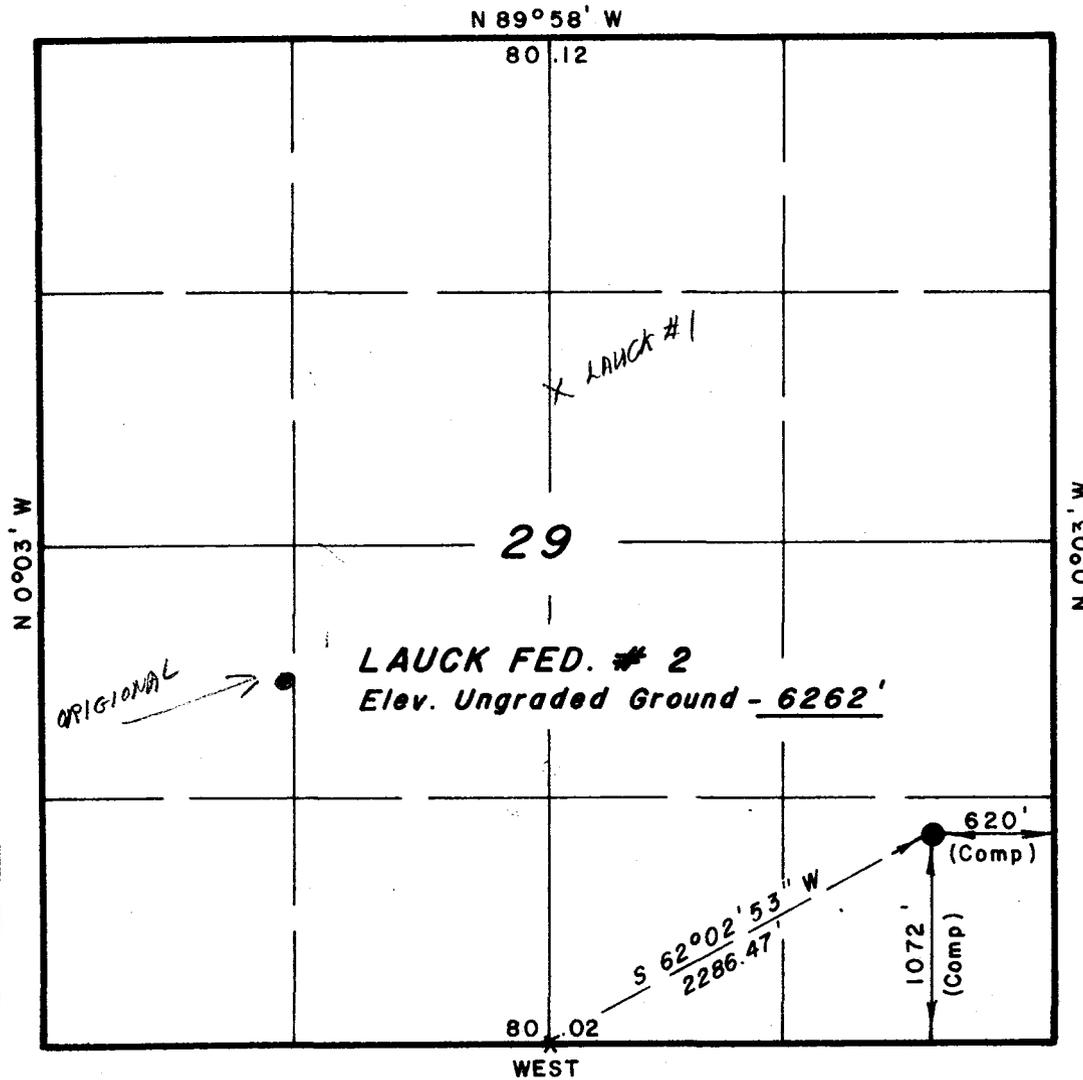
CONDITIONS OF APPROVAL, IF ANY:

T 16 S, R 25 E, S.L.B. & M.

PROJECT  
**TXO PRODUCTION CORP.**

Well location, **LAUCK FED. # 2**,  
located as shown in the SE 1/4 SE 1/4  
Section 29, T16S, R25E, S.L.B. & M.  
Grand County, Utah.

NOTE: BASIS OF BEARINGS IS FROM  
SOLAR OBSERVATIONS OF THE SUN.



CERTIFICATE

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

*Don Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	6/18/82
PARTY	DA, JK, RS	JH	REFERENCES GLO PLAT
WEATHER	WARM	FILE	TXO

X = Section Corners Located

Exhibit 2  
Survey Plat

9-331 C ADDENDUM  
Lauck Federal #2  
Section 29-T16S-R25E  
Grand County, Utah

1. SURFACE FORMATION: Mesa Verde

2. ESTIMATED FORMATION TOPS:

Buck Tongue	1200'
Castlegate	1480'
Mancos	1700'
Dakota	4750'
Morrison	4970'
Total Depth	5100'

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

Expected Gas Zones:	Dakota	4750'
	Morrison	4970'

Water may be encountered in the Mesaverde and Castlegate Formations.

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

5. PRESSURE CONTROL EQUIPMENT:

- A. After surface casing is set, a double ram-type blowout preventer with blind rams and pipe rams, with minimum working pressure of 2000 psi (greater than the anticipated bottomhole pressure of 1100 psi), will be installed. See Exhibit 1.
- B. A choke control, fill and kill lines with minimum working pressure of 2000 psi will be installed.
- C. A rotating pack-off head will be installed above the blowout preventer to control flow while drilling with air.
- D. The equipment in A and B will be pressure-tested to 2000 psi before drilling surface pipe cement, and the blowout preventer will be tested for operations daily and during trips.

6. MUD PROGRAM:

0'-300' Air or air mist. If necessary, will use spud mud at 8.8-9.0#/gal., vis. 28-32 sec. API.

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

7. AUXILIARY EQUIPMENT:

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

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. DISFL-GR from surface to TD, SNP-FDC-GR-CAL from TD to intermediate pipe; if logged wet, CNL-FDC-GR-CAL.

9. ABNORMAL CONDITIONS:

- A. No abnormal pressures or temperatures are expected.
- B. No hazardous gases such as H<sub>2</sub>S are expected.
- C. While drilling with gas or air, return fluids will be directed through the blow line to the reserve pit. All open fires or ignition sources will be prohibited on location while gas or air drilling. A pilot flame will be maintained at the end of the blow line (located 125' from the wellhead) to insure burning of return gases that are combustible.

10. ANTICIPATED STARTING DATES:

Start location construction	October 30, 1982
Spud date	November 5, 1982
Complete drilling	November 20, 1982
Completed, ready for pipeline	December 10, 1982

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

TXO PRODUCTION CORP.  
MULTIPOINT SURFACE USE AND OPERATIONS PLAN

DATE: August 4, 1982

WELL NAME: Lauck Federal #2

LOCATION: 1072' FSL, 620' FEL, Section 29-T16S-R25E, Grand County, Utah.

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 1072' FSL and 620' FEL in Section 29-T16S-R25E.
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west 15.5 miles on State Highway 6 & 50 to the Harley Dome Road. Turn right and proceed north on the Harley Dome Road, an improved gravel road, for 5.7 miles to a fork. Take the right fork and proceed northeast, toward Bryson Ridge, for 4.3 miles to a fork. Take the right fork and proceed east for 1.5 miles to another fork. Take the left fork and proceed north, into San Arroyo Canyon, for 8.1 miles to a Northwest Exploration well. The proposed access road begins at this point.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: No upgrading is required of the roads leading to the access road. However, during wet periods some maintenance may be necessary to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate watering the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road, approximately 1 mile long, will be constructed from the existing road northwest to the west side of the proposed pad. The proposed road will be 18-20 feet wide with a grade of 8% or less. The road is located in the canyon bottom and crosses the main drainage several times; low water crossings will be constructed at drainage crossings. No cattleguards, gates or cutting of fences will be required along the road. Refer to Exhibit 4.

3. LOCATION OF EXISTING WELLS

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

- A. Water Wells-None
- B. Abandoned Wells-None

- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-Northwest 2 Utah, Sec. 32-T16S-R25E
- G. Shut-in Wells-None
- H. Injection Wells-None
- I. Monitoring or Observation Wells for Other Reasons-None

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. Exhibit 5 is a one-mile radius locating the following existing facilities owned by the lessee/operator:
  - 1. Tank Batteries-None
  - 2. Production Facilities-None
  - 3. Oil Gathering Lines-None
  - 4. Gas Gathering Lines-None
  - 5. Injection Lines-None
  - 6. Disposal Lines-None
- B. If new facilities are contemplated, in the event of production, show:
  - 1. Proposed location and attendant lines in relation to the well pad. Refer to Exhibit 6.
  - 2. Dimensions of facilities: Refer to Exhibit 6.
  - 3. The production facilities will include a production pit, a blowdown pit, a production unit, and, if necessary, a dehydrator. The facilities will be located as shown on Exhibit 6. The pit will be located in cut, will contain all water production and be built in accordance with NTL-2B specifications. All connection work will be done by an oil field service company using standard oil field materials.
  - 4. Protective devices and measures to protect livestock and wildlife: The water production pit will be fenced with woven wire to protect livestock and wildlife.
- C. A formal right-of-way application for a gas gathering line is included at the end of the MSUOP.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be obtained from either of two sources: Westwater Creek or a pond in Section 31-T15S-R23E. The source selected will depend on water availability and road conditions.
- B. Method of transporting water: The water will be hauled in trucks by a certified water hauler, along the route shown in green on Exhibit 3.
- C. If water well is to be drilled, so state: No water well is contemplated.

6. SOURCES OF CONSTRUCTION MATERIALS

- A. Show information either on map or by written description: It is anticipated that cuts on location will furnish sufficient quantities of materials to construct a level location. Topsoil will be stockpiled on the south side of the pad for later use during rehabilitation on the disturbed areas. Additional material, if needed, will be purchased from the dirt contractor.
- B. Identify if from Federal or Indian Land: The proposed access road crosses state land in Section 32-T16S-R25E. The remainder of the affected land is federal and under the management of the Bureau of Land Management.
- C. Describe where materials such as sand, gravel, stone and soil material are to be obtained and used: Materials other than that supplied by cuts on location should not be required to construct the pad and road. Approximately 9,893 cubic yards of material will be derived from cuts on location and approximately 9,537 cubic yards of fill is needed. Refer to Exhibit 7.
- D. Show any needed access roads crossing Federal or Indian Lands: The access road will cross BLM administered lands in Section 29-T16S-R25E and state land in Section 32-T16S-R25E. Refer to Exhibit 4. An application for access road right-of-way for that portion of the road crossing BLM land is contained at the end of this package.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracing fluids will be directed to the reserve pit for evaporation.
- D. Sewage: A portable chemical toilet will be on location during operations.
- E. Garbage and other trash will be placed in a trash bin and removed to a sanitary landfill upon completion.
- F. Protective Devices: The flare pit (if necessary) will be fenced with woven wire and flagged to protect animals. The drilling reserve pit will be fenced on three sides during drilling, and on the fourth side prior to the rig moving off location.
- G. Statement regarding proper cleanup when rig moves out. When the rig moves out, all trash and refuse will be removed from the location and hauled to a sanitary landfill. All pits will be filled after drying and the area restored as under Item 10 of this plan.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT ATTACHMENT AND PROPOSED RIG LAYOUT

- A. Cross section of drill pad with cuts and fills: Refer to Exhibit 7.
- B. Location of mud tank, reserve pit, trash bin, pipe racks and other facilities: Refer to Exhibit 7.
- C. Rig orientation, parking area: Refer to Exhibit 7.
- D. Statement regarding pit lining: Reserve pit will be unlined. However, if the sub-surface structure is too porous or is highly fractured, a 1 to 2 inch layer of bentonite will be used as a lining for the pit.

10. PLANS FOR RESTORATION OF SURFACE

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

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

- B. Prior to rig release, pits will be fenced and so maintained until cleanup can be properly done.
- C. If any oil is in the pit, it will be removed or overhead flagging will be installed.
- D. Timetable for commencement and completion of rehabilitation operations: Rehabilitation will commence when drilling operations are completed, approximately December 10, 1982, and will be completed within approximately one year.

11. OTHER INFORMATION

General description of:

- A. Topography, soil characteristics, geologic features, flora, fauna: The location is on a steep west facing slope. The soil in the area consists

of a silty loam. Vegetation accounts for approximately 60 percent of the ground cover and is comprised of pinion pine, sagebrush, juniper, oak brush, herbs and native grasses. Fauna include deer, small mammals, and birds.

- B. Other surface-use activities and surface ownership of all involved lands: The affected land is federally owned. The primary surface uses are oil and gas production and ranching.
- C. Proximity of water, occupied dwellings, archeological, historical or cultural sites: There are no live streams in the immediate area. An ephemeral stream flows through East Canyon. An archeological survey will be performed and results forwarded to the Moab BLM office.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVES

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

Ronald E. Dashner  
District Drilling Engineer  
TXO Production Corp.  
1800 Lincoln Center Building  
1600 Lincoln Street  
Denver, Colorado 80264  
(303) 861-4246 - Business  
(303) 690-5650 - Residence

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

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

13. CERTIFICATES

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

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access roads; that I am familiar with the conditions which presently exist; and that the statements made in this plan

are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by TXO Production Corp. and its contractors, subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE: August 4, 1982

*R. Bruce Wright for R.E. Dashner*  
Ronald E. Dashner  
District Drilling Engineer

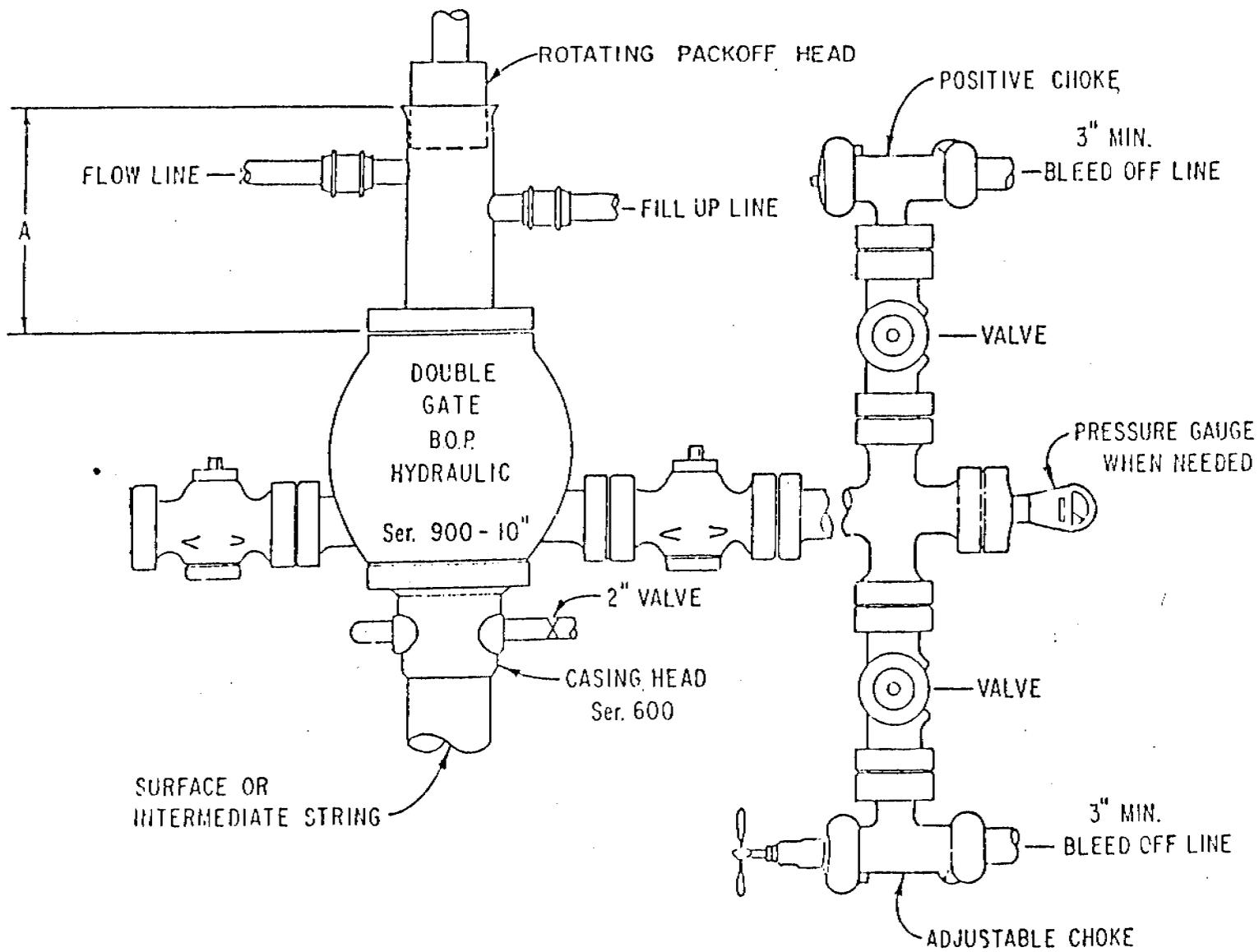
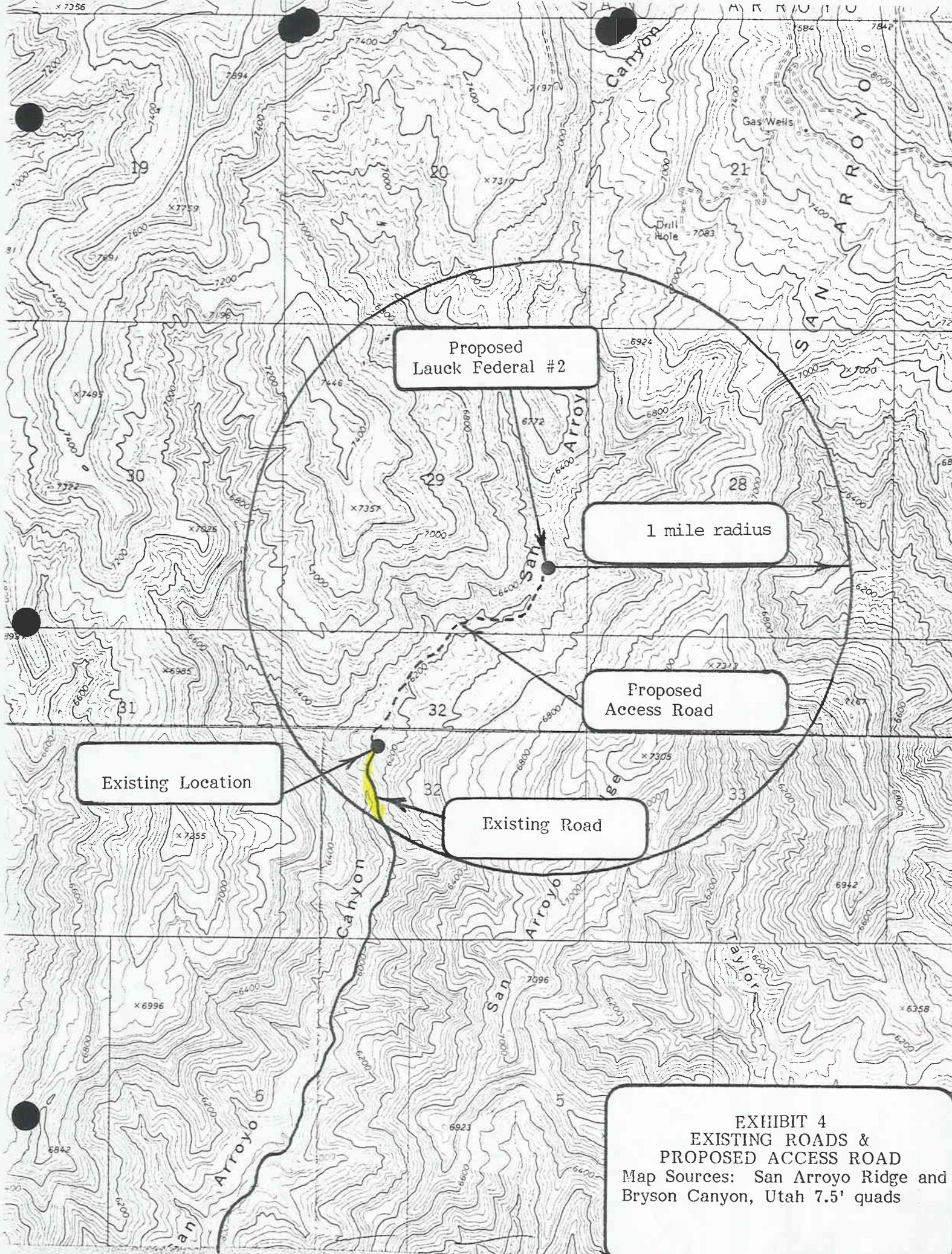


EXHIBIT I  
 BLOWOUT PREVENTER DIAGRAM



Proposed  
Lauck Federal #2

1 mile radius

Proposed  
Access Road

Existing Location

Existing Road

**EXHIBIT 4**  
**EXISTING ROADS &**  
**PROPOSED ACCESS ROAD**  
Map Sources: San Arroyo Ridge and  
Bryson Canyon, Utah 7.5' quads

Water Source

Proposed  
Lauck Federal #2

Water haul route

Access Route

Water Source

EXHIBIT 3  
ACCESS & WATER HAUL ROUTE

Map Source: Grand Junction, CO,  
UT 1:250,000

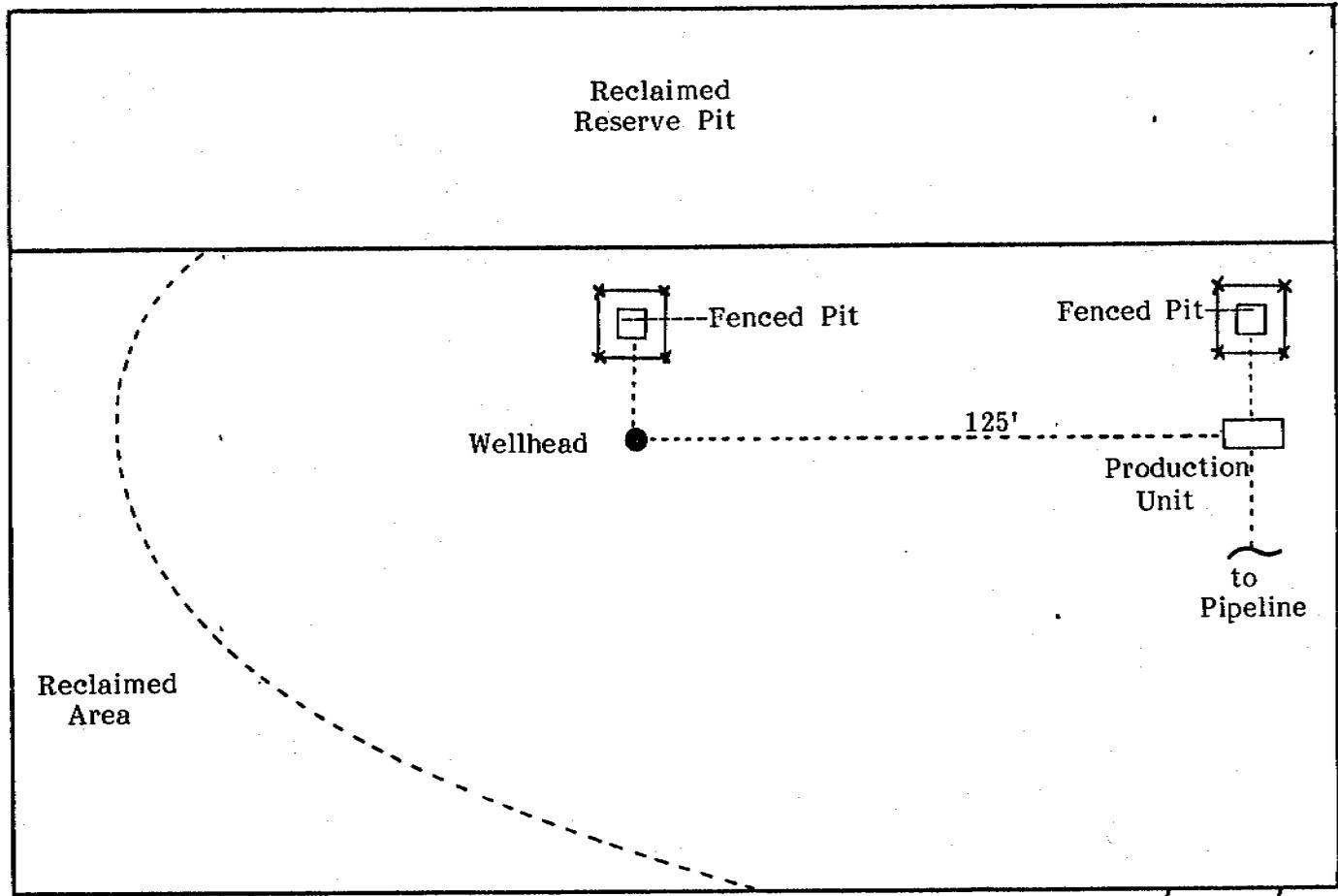
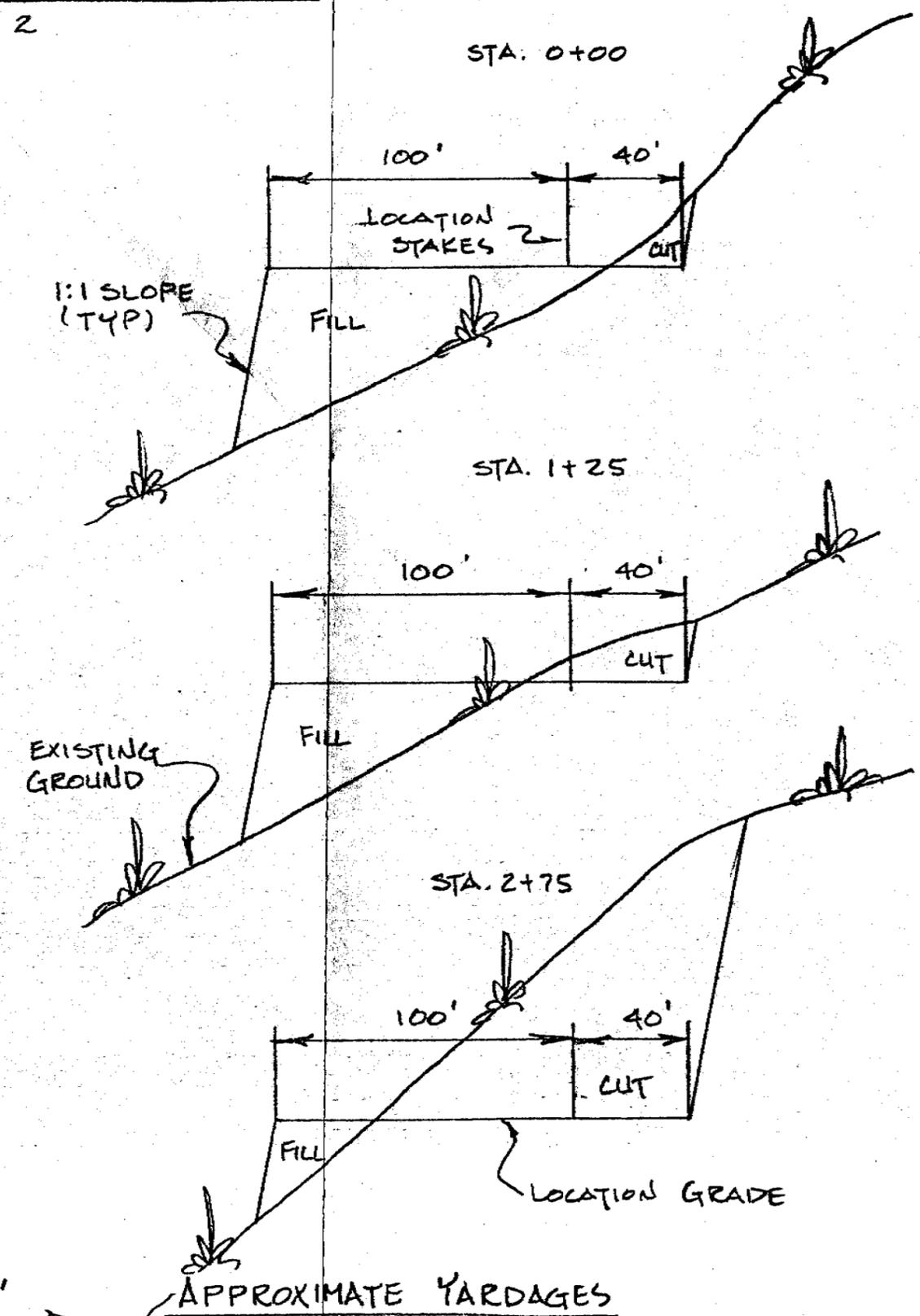
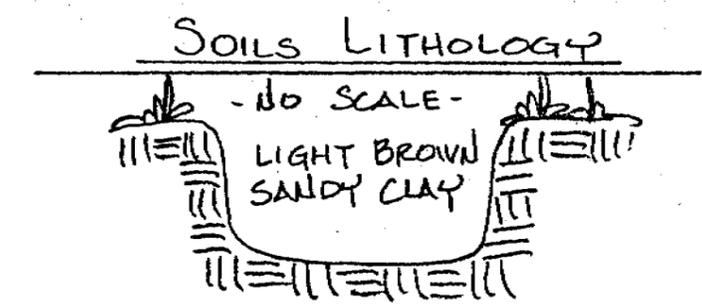
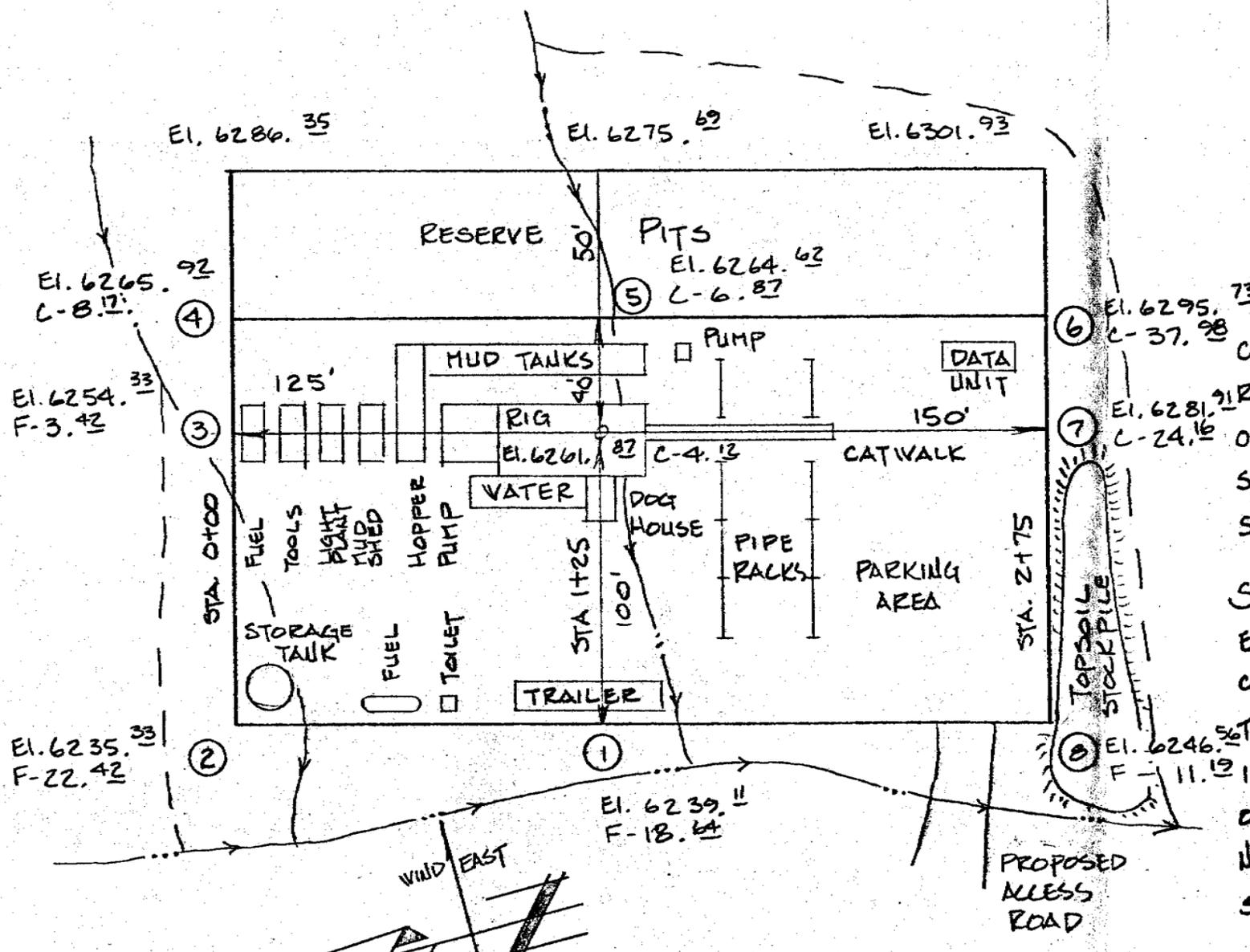


EXHIBIT 6  
PRODUCTION FACILITIES  
Scale 1"=40'

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

# TXO PRODUCTION CORP.

LAUCK FEDERAL # 2



1" = 10'  
1" = 50'

CU. YDS. CUT. 9893  
CU. YDS. FILL. 9,537

Application for Right-of-way  
Under the  
Federal Land Policy and Management Act

Serial Number \_\_\_\_\_  
Date & Time Recorded \_\_\_\_\_

TXO Production Corp. hereby applies for rights-of-way across public lands pursuant to Title V of the Federal Land Policy and Management Act of October 21, 1976 (90 Stat. 2776; 43 U.S.C. 1761) (FLPMA), the Mineral Leasing Act of February 25, 1920 (30 U.S.C. 185) as amended by the Act of November 16, 1973 (87 U.S.C. 576) and the regulations in 43 CFR Group 2800. TXO Production Corp. agrees that the rights-of-way, if approved, will be subject to the terms and conditions contained in the above authority.

TXO Production Corp. is qualified to do business in the State of Utah. The Corporate Qualification Number for TXO Production Corp. registered with the New Mexico State Office of the Bureau of Land Management, is NM-43000.

This application is for rights-of-way for an access road (Section I) and a gas gathering line (Section II).

I. ACCESS ROADS

- a. The right-of-way will provide access along an existing road to the well referenced in the APD/MSUOP. Please refer to Map 1.

The existing road will not require upgrading. However, during wet periods some maintenance may be required to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate watering the road to control dust.

Further information regarding maintenance of the access road may be found in the APD/MSUOP (see Sections 2 and 10).

- b. The requested right-of-way is located in Grand County, Utah.  
Legal description follows:

Section	<u>13</u>	-T	<u>17S</u>	-R	<u>24E</u>
Section	<u>12</u>	-T	<u>17S</u>	-R	<u>24E</u>
Section	<u>7</u>	-T	<u>17S</u>	-R	<u>25E</u>
Section	<u>6</u>	-T	<u>17S</u>	-R	<u>25E</u>

- c. The total length of the requested right-of-way is 2.7 miles. A check for \$210.00 will be submitted during the surface inspection of the well and right-of-way route. The check includes \$150.00 for the filing fee and \$60.00 for the monitoring fee.
- d. TXO Production Corp. is exempt from rental payment for access roads per 43 CFR 2803.1-2.

## II. GAS GATHERING LINE

- a. The right-of-way will be utilized for the purpose of constructing a gas gathering line to the well referenced in the APD/MSUOP. Please refer to Map 1.

Federal Energy Regulatory Commission's guidelines for Construction of Natural Gas Transmission Facilities will be followed where applicable; other pertinent Federal, State and local agency guidelines will also be utilized. During construction, existing access roads will be used whenever possible. Excess soils will be distributed over the right-of-way, with the exception of a small berm which will be left over the trench to accommodate compaction. Openings will be left in the berm as needed to facilitate runoff. On steep slopes, water bars will be installed to inhibit erosion. Following installation of the line, the terrain will be restored as close as possible to the original contour and all debris will be removed and disposed of in an appropriate manner. All disturbed land will be reseeded as stipulated by BLM. Pipeline(s) will be precoated and buried.

Right-of-way widths will be 50 feet on federal land during construction and 20 feet following construction. Trench widths will be 12 inches greater than pipe diameter; normal cover will be 36 inches in soil, 24 inches in shot rock and 60 inches in wash areas. Forty-eight inches of cover will be used across cultivated lands. Pipeline road crossings will be bored or open cut to conform with applicable regulations. All lines will be hydrostatically tested. Hydrostatic test water will be disposed of in such a manner to avoid environmental damage.

Construction is expected to take approximately 5 days and will start approximately December 10, 1982. The average cost of the pipeline is approximately \$10.00 per foot. This includes material, labor, and construction costs. Alternative routes were considered and the final location was chosen as the most feasible with respect to environmental, economic and engineering factors. The proposed gas gathering line will connect with the existing gathering system owned and operated by Northwest Pipeline Corp. TXO Production Corp. has sufficient assets and technical expertise to assure construction of the line in a timely manner and to insure operation of the line during its projected life.

Unless the total throughput exceeds the design capacity of the proposed facilities or other operational problems are encountered, no looping or pumping stations or other facilities will be added to the gathering line. A well connection will be abandoned when that well is no longer capable of producing. New well connections will be added only if the well qualifies for connection under the purchase contract.

Minimum shipment or purchase tenders would be zero at a terminal pressure stated in the gas purchase contract. Under the current economics associated with energy resource development, this terminal pressure could continue until near zero deliverability.

The proposed facilities have a projected useful life of 30 years or until the project reservoir is fully depleted. Facility life can be increased to exceed the 30-year period if purchase contracts are renegotiated to provide

additional reserves. TXO Production Corp. requests the grant of right-of-way for a period of 30 years with the right of renewal clause.

- b. The requested right-of-way is located in Grand County, Utah. Legal description follows:

Section 29-T16S-R25E

- c. The total length of the requested right-of-way is 1200 feet. A check for \$95.00 will be submitted during the surface inspection of the well and right-of-way routes. This check includes \$50.00 for the filing fee, \$20.00 for the right-of-way fee, and \$25.00 for the rental fee. These fees are supplied in accordance with 43 CFR 2802 1-2.
- d. At this time it is anticipated that Northwest Pipeline Corp. will purchase the gas from TXO Production Corp. Therefore, Northwest Pipeline will be responsible for all fees and will be assigned the pipeline right-of-way.

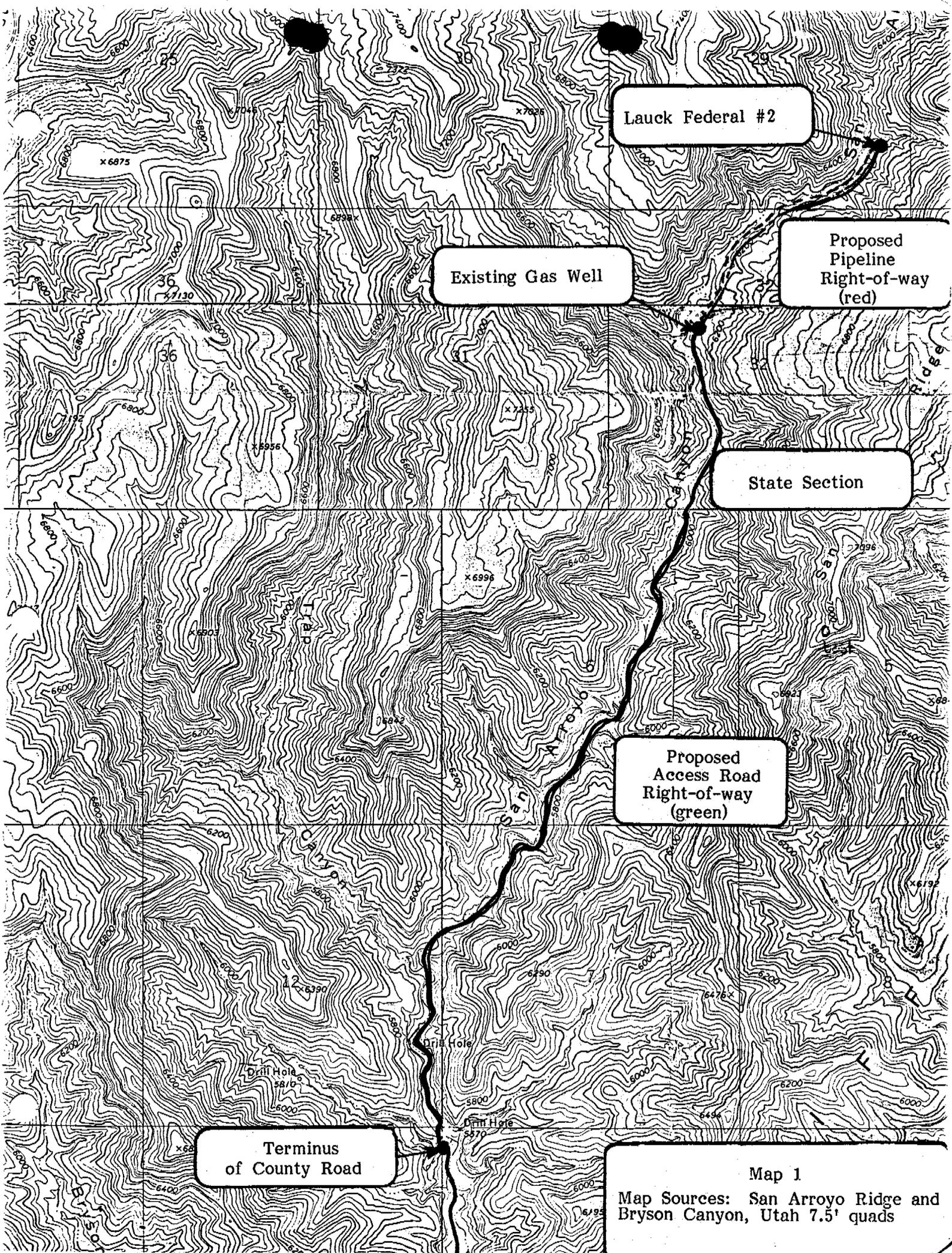
I hereby certify, that I am of legal age and have the authority to execute right-of-way applications for TXO Production Corp., that TXO Production Corp. is authorized to do business in the State of Utah and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Date

5 August 1982

Charles K. Curlee

Charles K. Curlee  
Environmental Manager



Lauck Federal #2

Existing Gas Well

Proposed Pipeline Right-of-way (red)

State Section

Proposed Access Road Right-of-way (green)

Terminus of County Road

Map 1  
Map Sources: San Arroyo Ridge and Bryson Canyon, Utah 7.5' quads

\*\* FILE NOTATIONS \*\*

DATE: 8-13-82

OPERATOR: TXO PRODUCTION CORP

WELL NO: LAUCK FEDERAL #2 (2<sup>nd</sup> LOCATION)

Location: Sec. 29 T. 16S R. 25E County: GRAND  
1072 FSL, 670 FEL

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30990

CHECKED BY:

Petroleum Engineer: AK.

Director: \_\_\_\_\_

Administrative Aide: Admin exception to order # 149-313 for 670 FEL. This is a substantial change in location from original location 1911 FSL, 1295 FWL, and is treated as a new APD. Old APD and API should be shown as location abandoned.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 149-313

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

Plotted on Map

Approval Letter Written

Hot Line

P.I.

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

August 10, 1982

TXO Production Corporation  
1800 Lincoln Center Building  
Denver, Colorado 80264

Re: Rescind Applications for Permit  
to Drill  
Well Nos. Lauck 1 and Lauck 2  
Section 29-T16S-R25E  
Grand County, Utah  
Lease No. U-34033

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved January 28, 1982 and December 21, 1981 respectively. We are rescinding the approval of these applications as we have received your new applications for the same wells, and they are being processed.

If you have any questions, please feel free to contact this office.

Sincerely,

E. W. Gynn  
District Oil & Gas Supervisor

bcc: SMA  
State O&G  
State BIN  
MMS-Vernal  
Well Files  
APD Control

DH/dh

August 16, 1982

TXO Production Corporation  
AttN; Paul Urban  
1000 Lincoln Center Building  
Denver, Colorado 80264

RE: Lauck Federal #2  
Sec. 29, T. 16S, R. 25E  
1072' FSL, 620' FEL  
Grand County, Utah

Dear Mr. Urban:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 149-3B dated May 28, 1980.

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

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

OR

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

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

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

The API number assigned to this well is 43-019-30990.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Minerals Management Service  
Enclosure

August 16, 1982

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

RE: Letter of August 5, 1982 for  
Relocation of Lauck Federal #2  
API #43-019-30861

Dear Mr. Urban:

Because of the significant distance involved with the relocation of Lauck Federal #2, Section 29, T. 16 S, R. 25 E from 1911 FSL, 1295 FWL to 1072 FSL, 620 FEL, the request will be treated as a new APD with a new API assignment.

Approval of the original RPD with assignment of API #43-019-30861 is rescinded effective the date of this letter, however approval of the new location with new API #43-019-30990 is attached. The new location is approved under administrative latitude of Order No. 149-3B in regards to the 620 feet distance FEL.

Respectfully,



Norm Stout  
Administrative Assistance

NS/as

**TXO**

**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING

DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 24, 1982

Mr. Cleon Feight  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: Lauck Federal #2  
Section 29-T16S-R25E  
Grand County, Utah

Dear Mr. Feight:

Enclosed please find 3 copies of a Sundry notice for the above-referenced well. With this notice TXO Production Corp. requests that the name of the Lauck Federal #2 be changed to the Lauck Federal "A" #1. This change is being requested so that we may be consistent in our well nomenclature.

If you have any questions, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

PU/JY

Enclosures/as stated

**RECEIVED**  
AUG 27 1982

DIVISION OF  
OIL, GAS & MINING

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. Attn: Paul Urban

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
Section 29-T16S-R25E  
AT SURFACE: 1072' FSL, 620' FEL  
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) Change well name	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE  
U-34033.

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

7. UNIT AGREEMENT NAME  
- - -

8. FARM OR LEASE NAME  
Lauck Federal

9. WELL NO.  
#2

10. FIELD OR WILDCAT NAME  
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 29-T16S-R25E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.  
43-019-30990

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6262' GR

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

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

TXO Production Corp. requests that the name of the Lauck Federal #2 be changed to the Lauck Federal "A" #1.

**RECEIVED**

AUG 27 1982

DIVISION OF  
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED Paul Urban TITLE Environ. Scientist DATE August 24, 1982

(This space for Federal or State office use)

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

TXO

**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

September 15, 1982

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

Re: Lauck Federal #2  
Grand County, Utah

Dear Mr. Feight:

Enclosed please find 3 copies of a sundry notice for the above-referenced well. The purpose of this sundry notice is to notify you that the name of the Lauck Federal #2 proposed well has been changed to the Lauck Federal "A" #1.

If you have any questions please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

PU/JY

Enclosures/as stated

RECEIVED  
SEP 21 1982

DIVISION OF  
OIL, GAS & MINING



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

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

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

May 3, 1983

TXO Production Corporation  
1800 Lincoln Center Building  
Denver, Colorado 80264

Re: Well No. Lauck Federal # 1 &  
Lauck Federal "A" # 1  
Sec. 29, T. 16S, R. 25E.  
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

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

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: TXO

WELL NAME: Lauck Federal #A-1

SECTION SESE 29 TOWNSHIP 16S RANGE 25E COUNTY Grand

DRILLING CONTRACTOR Veco

RIG # 8

SPUDDED: DATE 7-10-83

TIME 1:30 AM

How Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Bruce Wright

TELEPHONE # \_\_\_\_\_

DATE. 7-11-83 SIGNED RJF

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

July 11, 1983

STATE OF UTAH  
Natural Resources & Energy  
Oil, Gas, & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: LAUCK FEDERAL "A" #1  
Section 29, T16S-R25E  
Grand County, Utah

Gentlemen:

Please find enclosed three (3) copies of Form 9-331, "Sundry Notices and Reports on Wells", reporting the spudding of the above referenced well.

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

Sincerely,

TXO PRODUCTION CORP.

*R. Bruce Wright*

R. Bruce Wright  
Petroleum Engineer

RECEIVED

JUL 14 1983

DIVISION OF  
OIL, GAS & MINING

RBW/dek  
encls.

TIGHT HOLE

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 Ctr. Bldg, Denver, CO 80264

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
~~1072 FSL + 620 FEL~~  
AT SURFACE: 1011' FSL, 1295' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
U-34033

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

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Lauck Federal "A"

9. WELL NO.  
#1

10. FIELD OR WILDCAT NAME  
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 29-T16S-R25E

12. COUNTY OR PARISH | 13. STATE  
Grand | Utah

14. API NO.  
43-019-30861

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7334' GL

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

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

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

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

The above referenced well was spudded at 1:30 a.m. on 7-10-83. The drilling contractor is Veco Drilling, Inc., Rig #8.

**RECEIVED**  
**TIGHT HOLE**  
JUL 14 1983  
DIVISION OF OIL GAS & MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED R. Bruce Wright TITLE Petroleum Engineer DATE July 11, 1983

(This space for Federal or State office use)

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

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

August 11, 1983

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

Attn: Mr. Cleon B. Feight  
Director

RE: LAUCK FEDERAL "A" #1  
Section 29, T16S-R25E  
Grand County, Utah

Dear Mr. Feight:

Enclosed find two (2) copies of Form 9-330, "Well Completion or Recompletion Report and Log" and copies of the well history for the above referenced well.

If there are any further requirements concerning this well, please contact me at this office.

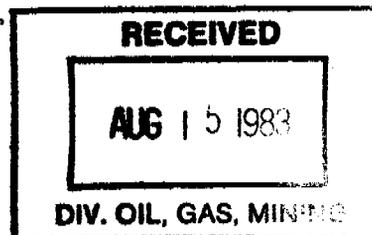
Sincerely,

TXO PRODUCTION CORP.

*R. Bruce Wright*

R. Bruce Wright  
Petroleum Engineer

RBW/dek  
encls.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE  
(See other instructions on reverse side)

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

16

5. LEASE DESIGNATION AND SERIAL NO.

U-34033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lauck Federal "A"

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

San Arroyo

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

Section 29, T16S-R25E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
TXO PRODUCTION CORP.

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

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

At surface 1872' FSL & 1295' FWL  
At top prod. interval reported below same as above  
At total depth same as above

14. PERMIT NO. 30990 DATE ISSUED  
43-019-30861 9/30/82

15. DATE SPUDDED 7/10/83 16. DATE T.D. REACHED 7/16/83 17. DATE COMPL. (Ready to prod.) 8/10/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC)\* 6274' KB 19. ELEV. CASINGHEAD 6262'

20. TOTAL DEPTH, MD & TVD 5112' 21. PLUG, BACK T.D., MD & TVD 5088' 22. IF MULTIPLE COMPL., HOW MANY\* All 23. INTERNAL DRILLING TOOLS CABLE TOOLS none

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4969-5058' - Dakota 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR, FDC-CNL-GR-CAL 27. WAS WELL CORED No

TIGHT HOLE

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#	335'	12-1/4"	160 sxs	none
7"	20#	1652'	8-3/4"	200 sxs	none
4-1/2"	10.5#	5112'	6-1/4"	150 sxs	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4922'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4969-71', .36" dia,	2 holes		
4977-91', .36" dia,	8 holes		
5005-21', .36" dia,	9 holes		
5043-45', .36" dia,	2 holes		
5050-58', .36" dia,	5 holes		

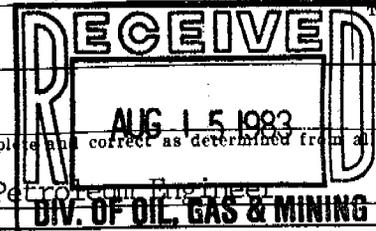
33. PRODUCTION  
DATE FIRST PRODUCTION 8/10/83 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI, WOPL

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/10/83	24	26/64"	→		1444		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
350#	420#	→		1444			

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

35. LIST OF ATTACHMENTS Well history

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED R. Bruce Wright TITLE Petroleum Engineer DATE 8/11/83



# 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Castlegate	1265'	
				Mancos	1440'	
				Dakota	4790'	
				Morrison	5060'	

**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

WELL NAME:	Lauck Federal "A" #1	PTD:	5100'
AREA:	San Arroyo	ELEVATIONS:	6262' GL, 6274' KB
LOCATION:	Section 29, T16S-R25E	CONTRACTOR:	Veco #2
COUNTY:	Grand	AFE NUMBER:	830613
STATE:	Utah	LSE NUMBER:	94296
FOOTAGE:	1072' FSL & 620' FEL	TXO WI:	81.25%

\*\*\*\*\*

APCOT FINADEL JOINT VENTURE	Just Mail
American Petrofina, Inc.	
P. O. Box 2159	
Dallas, Texas 75221	
Attn: James H. Henderson	

\*\*\*\*\*

- 07/10/83 61' (61'), drlg. Mesaverde. Dust 50#. MIRURT. Spudded 11" hole @ 12 midnight on 7/10/83. DW: 10,700. CW: 10,700. DD 1.
- 07/11/83 335' (274'), NU. Surf. TD 12-1/4" surf hole @ 7:30 PM on 7/10/83. Blew hole clean, TOOH. Dug out cellar. RU & ran 10 jts 9-5/8", 36#, K-55, ST&C csg. RU BJ & cmtd csg. Pumped 25 bbls gelled wtr. Cmtd 100 sxs of 50/50 poz w/ 2% gel, 2% CaCl<sub>2</sub>, tail w/ 60 sxs Cl "G" w/ 2% CaCl<sub>2</sub>. Shoe set @ 335'. Float set @ 307'. PD @ 11:58 PM 7/10/83. BP @ 1000#. Float held. Full returns. Cmt to surf. WOC. Screwed on wellhead @ 4 AM on 7/11/83. Began NU. 1/2° @ 332'. DW: 66,080. CW: 76,780. DD 2.
- 07/12/83 1640' (1305'), mudding up. Mancos. 8.4, 40, 16.4, 9. Fin NU BOP. Test BOP to 1000# for 15 min. OK. TIH w/ bit, drld cmt & shoe. Dried up hole. Resumed drlg w/ dust. Got wet @ + 600'. Went to air mist. TD 8-3/4" hole @ 5:30 AM on 7/12/83. Blew hole clean, made 5 stnd short trip. Had 40' of fill. Had to ream out fill to btm. Prep to mud up to run 7" csg. Buck Tongue @ 965', Castlegate @ 1265', Mancos @ 1440'. 1/2° @ 609', 1° @ 908', 1° @ 1252', 2° @ 1532'. DW: 22,050. CW: 98,830. DD 3.
- 07/13/83 1673' (33'), drlg. Mancos. Dust 150#. 8.4, 44, 12, 9.5. Fin mudding up. Good returns to surf. Made 5 stnd short trip, no fill or tight spots. TOOH. RU & ran 37 jts 7", 20#, K-55, ST&C csg (1652'). RU BJ & cmtd csg. Circ w/ mud for 15 min. Pumped 20 BM flush. Cmtd w/ 100 sxs 50/50 poz w/ 2% CaCl<sub>2</sub>, 1/4% friction reducer, 1/4#/sx celloflake. Tail w/ 100 sxs of Cl "G" w/ 2% CaCl<sub>2</sub>, 1/4#/sx celloflake. PD @ 4:35 PM 7/12/83. BP @ 1000#. Float held. Full returns. Shoe set @ 1652'. Float set @ 1608'. Set slips & cut-off csg @ 5:15 PM on 7/12/83. NU BOP & test to 1000# for 15 min. Held OK. TIH w/ bit & drill string. Drld cmt. Dried up hole. Resume drlg w/ dust. DW: 34,480. CW: 133,310. DD 4.
- 07/14/83 3333' (1660'), drlg. Mancos. Dust 180#. Mancos "B" @ 1995', Base of Mancos "B" @ 2815'. 1-3/4° @ 1830', 1-3/4° @ 2138', 2° @ 2449', 2-1/4° @ 2752', 2° @ 3032'. DW: 25,300. CW: 158,610. DD 5.
- 07/15/83 4491' (1158'), TIH w/ bit #4. Mancos. Dust 230#. 2° @ 3333', 2-1/4° @ 3625', 2-3/4° @ 3936', 3° @ 4216', 3-1/4° @ 4491'. DW: 21,000. CW: 179,610. DD 6.
- 07/16/83 5066' (575'), drlg. Morrison. 8.7, 43, 10.2, 9. Drld to 5007'. Took steady 40' flare. SD & tested well for 30 min, had 100# on 1-1/4" orifice. FARO 4.1 MMCFD. Mudded up hole to control well. Resumed drlg. Dakota Silt @ 4787', Dakota @ 4831', Morrison @ 5062'. 4-3/4° @ 4786'. DW: 12,150. CW: 191,760. DD 7.
- 07/17/83 5112' (46'), logging. Morrison. 8.7, 43, 10.2, 9. TOOH for bit #5 @ 5068'. TIH w/ bit #5 & wash & ream 20' to btm. Resumed drlg. TD 6-1/4" hole @ 8 PM on 7/16/83. Circ btms up, made 10 stnd short trip. No fill or tight spots. Circ 30 min. TOOH. RU Gearhart & start logging. DW: 2700. CW: 194,460. DD 8.
- 07/18/83 5112' (0'), RDRT. Morrison. 8.7, 43, 10.2, 9. Fin logging. TIH w/ bit & drill string. No fill. Circ for 3/4 hr & TOOH. LD DP & DC.

WELL NAME:	Lauck Federal "A" #1	PTD:	5100'
AREA:	San Arroyo	ELEVATIONS:	6262' GL, 6274' KB
LOCATION:	Section 29, T16S-R25E	CONTRACTOR:	Veco #2
COUNTY:	Grand	AFE NUMBER:	830613
STATE:	Utah	LSE NUMBER:	94296
FOOTAGE:	1072' FSL & 620' FEL	TXO WI:	81.25%

\*\*\*\*\*

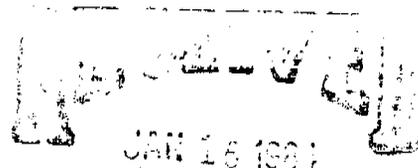
- 07/18/83 RU & ran 124 jts 4-1/2", 10.5#, K-55, ST&C csg (5112'). RU BJ & cmt d csg. Circ w/ mud for 30 min. Pumped 12 bbls of mud sweep, 3 BW. Cmt d w/ 150 sxs Cl "G" w/ 5% KCL, 2% gel, 1/4#/sx celloflake. Shoe set @ 5112'. Float set @ 5088'. PD @ 6:30 PM 7/17/83. BP @ 1600#. Float held. Full returns. ND BOP, set slips, & cut-off csg. RR @ 9:15 PM on 7/17/83. Drop from report until completion begins. DW: 58,375. CW: 252,835. DD 9.
- 08/06/83 5088' PBTd, MIRUCU. PU 3-7/8" bit, csg scraper, SSN & TIH w/ 2-3/8" tbg. Tag cmt @ 5047'. SDFN. Will move in power swivel & prep to drill cmt. DW: 2350. CW: 255,185.
- 08/07/83 5088' PBTd, SDFW. DW: 0. CW: 255,185.
- 08/08/83 5088' PBTd, SDFW. DW: 0. CW: 255,185.
- 08/09/83 5088' PBTd, RU power swivel. Drld out cmt to 5088'. Circ hole clean w/ 3% KCL. Press test csg to 3000# for 15 min, held OK. RU swab. \*Swabbed FL dn to 4000'. TOOH w/ bit, csg scraper, & tbg. RU Gearhart. RIH w/ 3-1/8" csg gun & perf'd as follows: 4969', 71', 77', 79', 81', 83', 85', 87', 89', 91', and 5005', 07', 09', 11', 13', 15', 17', 19', 21', 43', 45', 50', 52', 54', 56', & 58'. Total of 26 holes, .36" dia. Well began blowing slightly after perforating. RD Gearhart. In 15 min, well flowing too strong to run tbg. Making heavy slugs of wtr. LOTPON. SDFN. Will strip in hole w/ tbg this AM. DW: 36,090. CW: 291,275.
- 08/10/83 5088' PBTd, well flowing to pit on full 2" line. Killed well w/ 15 bbls 3% KCL. Installed stripping head. TIH w/ notched collar, SSN, & 163 jts 2-3/8" tbg. Installed blast jt & landed tbg @ 4922' KB. ND BOP & NU wellhead. RU swab, IFL @ 3500'. Made 3 runs, well KO. Flowing to pit w/ med mist on 3/4" ch w/ 120# FTP, 500# CP, FARO 1914 MCFD. RR @ 2 PM 8/9/83. At 3:30 PM, put well on 1/2" ch, well flowing w/ 340# FTP, 580# CP, medium mist, FARO 2204 MCFD. LOTPON. DW: 3200. CW: 294,479.
- 08/11/83 5088' PBTd, well flowing to pit, dry gas. 260# FTP, 400# CP, 1/2" ch, FARO 1715 MCFD. Put well on 26/64" ch. FTP 350#, CP 420#, FARO 1444 MCFD. SI & WOPL. SI 4th & 5th Dakota & Buckhorn gas well. Natural completion. Drop from report until first sales. DW: 350. CW: 294,829.

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246



January 12, 1984

DIVISION OF  
OIL, GAS & MINING

~~State of Utah~~

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

Dear Ms. Call:

~~Please keep the logs and records from the following wells confidential:~~

- TXO Coyote Basin Federal #1  
Sec. 5-T8S-R25E, Uintah County, Utah
- TXO Little Berry State #1  
Sec. 2-T16S-R23E, Grand County, Utah
- TXO Evacuation Creek State #1  
Sec. 36-T11S-R25E, Uintah County, Utah

You can release all other TXO-operated wells on which you currently have logs and wellfiles. However, this does not apply to TXO-operated wells spudded after today (January 12, 1984). The confidentiality of TXO-operated wells which are spudded after today will be determined by a letter from our engineering department.

Sincerely,

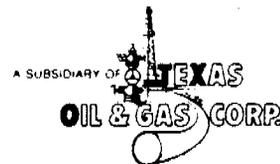
TXO PRODUCTION CORP.

A handwritten signature in dark ink that reads "William A. Siruta".

William A. Siruta  
District Exploration Manager

WAS/cjd  
xc: Ron Dashner  
Bruce Wright

*EMCY*



TXO requested a significant  
change in location for #2  
which is treated as a  
new APD and new AP1.

This original approval  
is rescinded

*[Signature]*  
8-13-82

Called Bruce Wright and  
asked him to make sure  
all future paperwork has  
correct AP1 # on it.

Claudia  
8/22/84

THE FOLLOWING METERS WILL HAVE CALIBRATION / SETTLEMENT TESTS RUN ON THE DATES INDICATED. STARTING TIME WILL BE 0600 OR AS SPECIFIED BELOW AND AT THE OFFICE OF THE NORTHWEST PIPELINE GRAND JUNCTION DISTRICT YOU WILL BE NOTIFIED SHOULD ANY CHANGES OCCUR IN THIS SCHEDULE. IF YOU HAVE ANY QUESTIONS ABOUT THE SCHEDULE, CONTACT OR WRITE THE DISTRICT OFFICE.

METER CODE	WELL NAME	LOC	RUN	DAY	MO/YR	STARTING TIME
92194019	MOXA FEDERAL #1 16S. 24E. 9	06	02	<u>2</u>	10/85	<u>0800</u>
92313018	BMG FEDERAL #1 16S. 24E. 8	06	02	<u>5</u>	11/85	<u>0800</u>
92232018	MOXA FEDERAL A #1 16S. 24E. 4	06	02	<u>12</u>	12/85	<u>0800</u>
92237010	CREDO FEDERAL #1 16S. 24E. 5	06	02	<u>12</u>	12/85	<u>0930</u>
92239012	CREDO FEDERAL A #1 16S. 24E. 5	06	02	<u>12</u>	12/85	<u>1100</u>
92192016	BAILEY FEDERAL #1 17S. 23E. 9	06	03	<u>13</u>	11/85	<u>0900</u>
92331016	LITTLE BERRY STATE #1 16S. 23E. 2	06	03	<u>12</u>	11/85	<u>1100</u>
92225011	PTASYSKI FEDERAL #1 17S. 23E. 15	06	03	<u>13</u>	12/85	<u>1000</u>
92256017	SQUIER #1 15S. 23E. 31	06	03	<u>17</u>	12/85	<u>1000</u>
92347010	CISCO SPRINGS A #1 20S. 23E. 9	06	05	<u>12</u>	11/85	<u>1000</u>
92348016	CISCO SPRINGS B #1 20S. 23E. 15	06	05	<u>12</u>	11/85	<u>1100</u>
92026019	BOCK CLIFFS UNIT #3 18S. 22E. 22	06	05	—	12/85	<u>CODE 84</u>
92295019	WALL FEDERAL #1 16S. 25E. 30	06	07	<u>13</u>	11/85	<u>0900</u>
92310019	LAUCK FEDERAL A #1 16S. 25E. 29	06	07	<u>7</u>	11/85	<u>1030</u>
92261018	BENNION FEDERAL #1 16S. 25E. 30	06	07	<u>9</u>	12/85	<u>1130</u>
92303012	HOUGEN FEDERAL A #1 17S. 24E. 14	06	07	<u>10</u>	12/85	<u>1030</u>
92126013	TEXAS PACIFIC STATE #1 16S. 25E. 34	06	12	<u>7</u>	11/85	<u>0800</u>
92154017	TEXAS PACIFIC STATE #2 16S. 25E. 34	06	12	<u>7</u>	11/85	<u>0900</u>



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

June 13, 1984

TXO Production Corporation  
1800 Lincoln Center Building  
Denver, Colorado 80264

Gentlemen

SUBJECT: ELECTRIC LOGS

According to our records, a "Well Completion Report" filed with this office dated August 11, 1983, on Well No. Lauck Federal "A", API #43-019-30990, Sec. 29, T. 16S., R. 25E., Grand County, Utah, indicates the following electric logs were run: FDC-DNL-GR-CAL. As of today's date, this office has not received these logs.

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.

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

Thank you for your prompt attention to the above matter.

Sincerely

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

clj

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



# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

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

Utah Account No. N1580  
 Report Period (Month/Year) 12 / 90  
 Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
			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 ✓				
WELLSLISTER 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 \_\_\_\_\_

DOBm - 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.A.

Send a copy to DOBm 2-21-9

Copy sent to Master  
File Mail

RECEIVED  
JAN 24 1991



**Marathon  
Oil Company**

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

DIVISION OF  
OIL, GAS & MINING

*dg  
1-3  
Mry 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

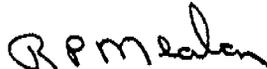
Utah Division of Oil, Gas & Mining  
January 22, 1991  
Page 2

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:

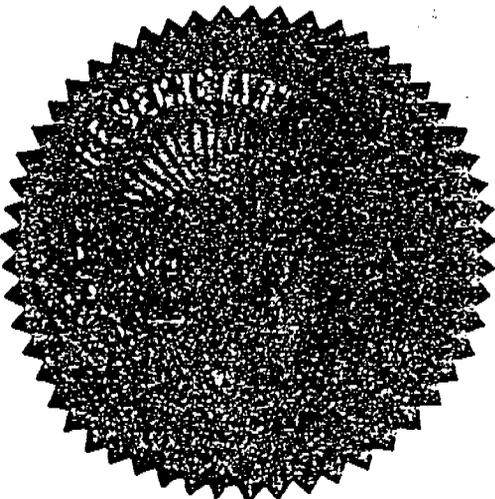
\_\_\_\_\_  
[Governmental Agency or Department]

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

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

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LOR	<input checked="" type="checkbox"/>

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>

Hell(s) (attach additional page if needed):      **\*\*\*MERGER\*\*\***

Name: <u>**SEE ATTACHED**</u>	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.

OPERATOR 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 Bbm/maab ~~No doc. as of yet.~~ (In the process of changing) will call when approved.  
 Bbm/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) fee

910222 Bbm/S.Y. - Approved 2-20-91 - OK for DGBM to recognize eff. date 1-1-91. (T Thompson)

910226 St. Lands - Needs additional info. "will take 2-3 weeks". (Proceed with change per DTS)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

SUBMIT IN TRIPLICATE

**RECEIVED**  
FEB 25 1993  
DIVISION OF  
OIL GAS & MINING

1. Type of Well  
 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)  
 1072' FSL, 620' FEL, Sec. 29-T16S-R25E  
 (SE $\frac{1}{4}$  SE $\frac{1}{4}$ )

5. Lease Designation and Serial No.  
 U-34033

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
 UT060P49-85C688

8. Well Name and No.  
 Lauck Fed. A No. 1

9. API Well No.  
 43-019-30990

10. Field and Pool, or Exploratory Area  
 San Arroyo

11. County or Parish, State  
 Grand County, Utah

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

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

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

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

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

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

Field Operations will be handled by our Grand Junction office.

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

Signed J. Ross Rantala 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.

**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

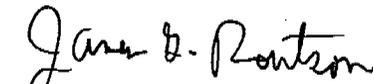
Re: Change of Operator  
Sundry Notices  
Grand and Uintah Counties, Utah

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

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 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. <sup>29</sup> <del>33</del> -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

## 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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO. See Below	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Marathon Oil Company	8. FARM OR LEASE NAME See Below
3. ADDRESS OF OPERATOR P.O. Box 2690, Cody, Wyoming 82414	9. WELL NO. See Below
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	10. FIELD AND POOL, OR WILDCAT - See Below
	11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA See Below
14. API NO. See Below	15. ELEVATIONS (Show whether DF, RT, GR, etc.)
	12. COUNTY Grand and Uintah
	13. STATE Utah

RECEIVED

FEB 25 1993

DIVISION OF  
OIL GAS & MINING

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

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

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

\* Must be accompanied by a cement verification report.

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

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

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

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

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

SIGNED R.P. Meabon 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 #
<b>North Horse Point Field</b>			
Little Berry State #1	SW/4 SW/4, Sec. 2-16S-23E	ML-21061	043-019-31075
<b>BAR X West Field</b>			
Hancock Federal #2	NW/4 SW/4, Sec. 5-17S-25E	U-38720	043-019-30833
<b>Bryson Canyon Field</b>			
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
<b>East Canyon Field</b>			
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
<b>Horseshoe Bend Field</b>			
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
<b>Rockhouse Field</b>			
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

Bureau of Land Management  
Branch of Fluid Minerals  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

March 26, 1993

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

Re: Successor of Operator  
Communitization Agreement (CA)  
UT060P49-85C688  
Grand County, Utah

Gentlemen:

We received an indenture dated February 22, 1993, whereby Marathon Oil Company resigned as Operator and Lone Mountain Production Company was designated as Operator for CA UT060P49-85C688, Grand County, Utah.

This instrument is hereby accepted effective as of March 26, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under CA UT060P49-85C688.

Your statewide (Utah) oil and gas bond No. 0719 will be used to cover CA operations.

Please advise all interested parties of the change in operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

(Orig. Sgd.) R. A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
Division Oil, Gas, & Mining  
File - UT060P49-85C688 (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:09-30-92

WELL STATUS REPORTS  
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UT060P4985C688 UT060P4985C688	430193099000S1	1-A	SESE	29	16S	25E	PGW	UTU34033	MARATHON OIL COMPANY

Marathon Oil Company  
Change of Operator

CONDITIONS OF APPROVAL

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

-----

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

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

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

**RECEIVED**

MAR 22 1993

DIVISION OF  
OIL GAS & MINING

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

Routing:

1-LAC	7-1-93
2-DPS	✓
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-22-93)

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

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

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

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

**OPERATOR CHANGE DOCUMENTATION**

- Lee* 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*)
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Rec'd 2-25-93*)
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Lee* 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.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*3-30-93*)
- Lee* 6. Cardex file has been updated for each well listed above. (*3-30-93*)
- Lee* 7. Well file labels have been updated for each well listed above. (*3-30-93*)
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*3-30-93*)
- Lee* 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.

ND VERIFICATION (Fee wells only)

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

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.

INDEXING

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

INDEXING

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

COMMENTS

930316 Btm/Inoab Approved some of the wells on 3-10-93 eff. 2-23-93. (see other changes)

930323 Btm/Wernal Approved some of the wells on 3-16-93 eff. 10-1-92. The remaining wells are unitized or under a C.A. (will be handled on separate change).

930330 Btm/S.Y. Approved C.A. changes eff. 3-26-93.

Unit operator changes approved 3-25-93. (Bookcliffs, Marble Mansion, Oil Springs)

July 6, 1993

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

Re: LAUCK FEDERAL "A" NO. 1  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  SEC. 29-T16S-R25E  
GRAND COUNTY, UTAH  
SUNDRY NOTICE

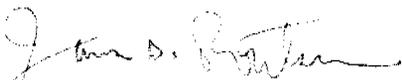
Dear Ron:

Enclosed in duplicate is a Sundry Notice to foam frac the referenced well. We plan to frac this well in late August.

If any further information is needed please give me or Joe Dyk a call.

Very truly yours,

Lone Mountain Production Company

  
James G. Routson  
President

Enclosures

xc: Joe Dyk

RECEIVED

JUL 08 1993

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>U-34033</b>
2. Name of Operator <b>Lone Mountain Production Company</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P. O. Box 3394, Billings, MT 59103</b>	7. If Unit or CA, Agreement Designation <b>UT060P49-85C688</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>1072' FSL, 620' FEL, Sec. 29-T16S-R25E (SE<math>\frac{1}{4}</math> SE<math>\frac{1}{4}</math>)</b>	8. Well Name and No. <b>Lauck Fed. A No. 1</b>
	9. API Well No. <b>43-019-30990</b>
	10. Field and Pool, or Exploratory Area <b>San Arroyo</b>
	11. County or Parish, State <b>Grand County, Utah</b>

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

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

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

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

Lone Mountain Production Company plans to foam frac the Lauck Federal A No. 1 well as per the attached workover procedure. This work will be done in August, 1993. A small flowback pit (10' x 10') will be dug on the existing location. No other surface disturbance will occur. The pit will be backfilled as soon as it dries, and will be seeded in the fall.

ACCEPTED BY THE COMMISSIONER  
OF LAND MANAGEMENT  
OIL, GAS, AND MINING

DATE: 7-9-93  
BY: [Signature]

**RECEIVED**

JUL 08 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed [Signature] Title **Petroleum Engineer** Date **7-6-93**

(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.

LAUCK FEDERAL "A" NO. 1

WORKOVER PROCEDURE

- 1: MIRU service rig. Blow well down, nipple up BOP's, frac spool, and stripping head.
- 2: Pick up 2 3/8" tubing. Tag PBTD @ ± 5088', COH with tbg.
- 3: Run RBP on tbg to ±4900'. Load hole with water. Pressure test casing, BOP's, and frac spool to 4000 psi. Drop standing valve, test tbg to 7000 psi. Swab well dry, COH w/tbg & RBP.
- 4: Run tbg to ± 4720', Land with blast joint and N-80 pup joint in top of string.
- 5: Foam frac with 20,000# 100 mesh sand, 80,000# 20-40 sand in 75 quality foam at 36 BPM total rate, triple entry with 20% of the nitrogen on annulus. Maximum pressure 4000 psi on annulus, 7000 psi on tubing.
- 6: Open well to flow back, displace annulus with nitrogen. Flow overnight to clean up, then test rate.
- 7: Lay down blast jt and N-80 pup jt. Reverse out sand with well gas to PBTD.
- 8: Flange well up as before, rig down and move off service rig. Return well to production.

September 13, 1993

RECEIVED

SEP 15 1993

DIVISION OF  
OIL, GAS & MINING

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

RE: LAUCK FEDERAL A NO. 1  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  SEC. 29-T16S-R25E  
GRAND COUNTY, UTAH  
SUNDRY NOTICE

Dear Ron:

Enclosed in duplicate is a Sundry Notice for a recent fracture stimulation treatment of the Lauck Federal A No. 1 well.

If any further information is needed please give me or Joe Dyk a call.

Very truly yours,

Lone Mountain Production Company

  
James G. Routson  
President

Enclosure

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

SUBMIT IN TRIPLICATE

RECEIVED  
SEP 15 1993

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-34033
2. Name of Operator Lone Mountain Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P. O. Box 3394, Billings, MT 59103-3394	7. If Unit or CA, Agreement Designation UT060P49-85C688
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1072' FSL, 620' FEL Sec 29 T16S-R25E (SE $\frac{1}{4}$ SE $\frac{1}{4}$ )	8. Well Name and No. Lauck Fed. A No. 1
	9. API Well No. 43-019-30990
	10. Field and Pool, or Exploratory Area San Arroyo
	11. County or Parish, State Grand County, UT

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

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

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

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

Foam Fractured existing Dakota Perforations 4969-5008' on September 10, 1993. Well screened out after injecting a total of 20,000 # 100 mesh sand; 46,000 # 20-40 sand; 375 bbls. 5% HCl; 1,318,000 scf Nitrogen.

Average rate 25 BPM @ 4000 psi. Cleaned out to PBTD 5088'. Flanged up with 2 3/8" tubing tail at 4960'. Tested 830 MCFD with 55 psi FTP, 190 psi FCP on 9-12-93. Will return well to production 9-14-93.

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

Signed James S. Penton Title President Date 9-13-93 ✓

(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.