

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  FILE  ~~XXXX~~ WATER SANDS  LOCATION INSPECTED  GAS  SUB. REPORT/abd.

1 Operator Name Change 9-1-81 from Texas O&G  
 \* Location Abandoned - well never drilled - 5-17-82  
 \*\*Resubmitted July 8, 1982

DATE FILED 7-31-81 \*\* 7-8-82

LAND: FEE & PATENTED  STATE LEASE NO.  PUBLIC LEASE NO. U-15877 INDIAN

DRILLING APPROVED: 8-14-81 \*\*7-8-82

SPUDDED IN:

COMPLETED:  PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 2-4-84 LA application rescinded

FIELD: WILDCAT 3/86

UNIT:

COUNTY: Uintah

WELL NO. DUNCAN FEDERAL #3

API#43-047-31058

LOCATION 549' FT. FROM  (E) LINE. 582' FT. FROM  (W) LINE. SW SW 1/4 - 1/4 SEC. 28

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
15S	23E	28	TXO PRODUCTION TEXAS OIL & GAS CORP.				

TEXAS OIL & GAS CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

July 29, 1981

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

Attention: Mr. Cleon Feight

Re: Duncan Federal #3  
Section 28-T15S-R23E  
Uintah 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,

TEXAS OIL & GAS CORP.



Paul Urban  
Environmental Scientist

PU/BS  
Enclosures/as stated

**RECEIVED**  
JUL 31 1981

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  
 Texas Oil & Gas Corp.

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  
 1621' FNL, 2172' FWL, Section 28-T15S-R23E  
 At proposed prod. zone *SE NW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 46 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)                      1621'  
 16. NO. OF ACRES IN LEASE                      1600

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.                      ---  
 19. PROPOSED DEPTH                      8850'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7750' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22"	18"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36# New	400'	200 sacks
8 3/4"	7"	23# New	5300'	250 sacks
6 1/4"	4 1/2"	11.6# New	8850'	175 sacks

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
 DATE: 8/14/81  
 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.E. Dashner TITLE District Drilling Engineer DATE 7/15/81  
 R.E. Dashner

(This space for Federal or State office use)  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

5. LEASE DESIGNATION AND SERIAL NO.  
 U-15877

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

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 Duncan Federal

9. WELL NO.  
 #3

10. FIELD AND POOL, OR WILDCAT  
~~\_\_\_\_\_~~ Canyon *Wildcat*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 28-T15S-R23E

12. COUNTY OR PARISH                      13. STATE  
 Uintah                      Utah

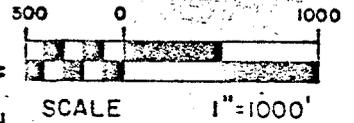
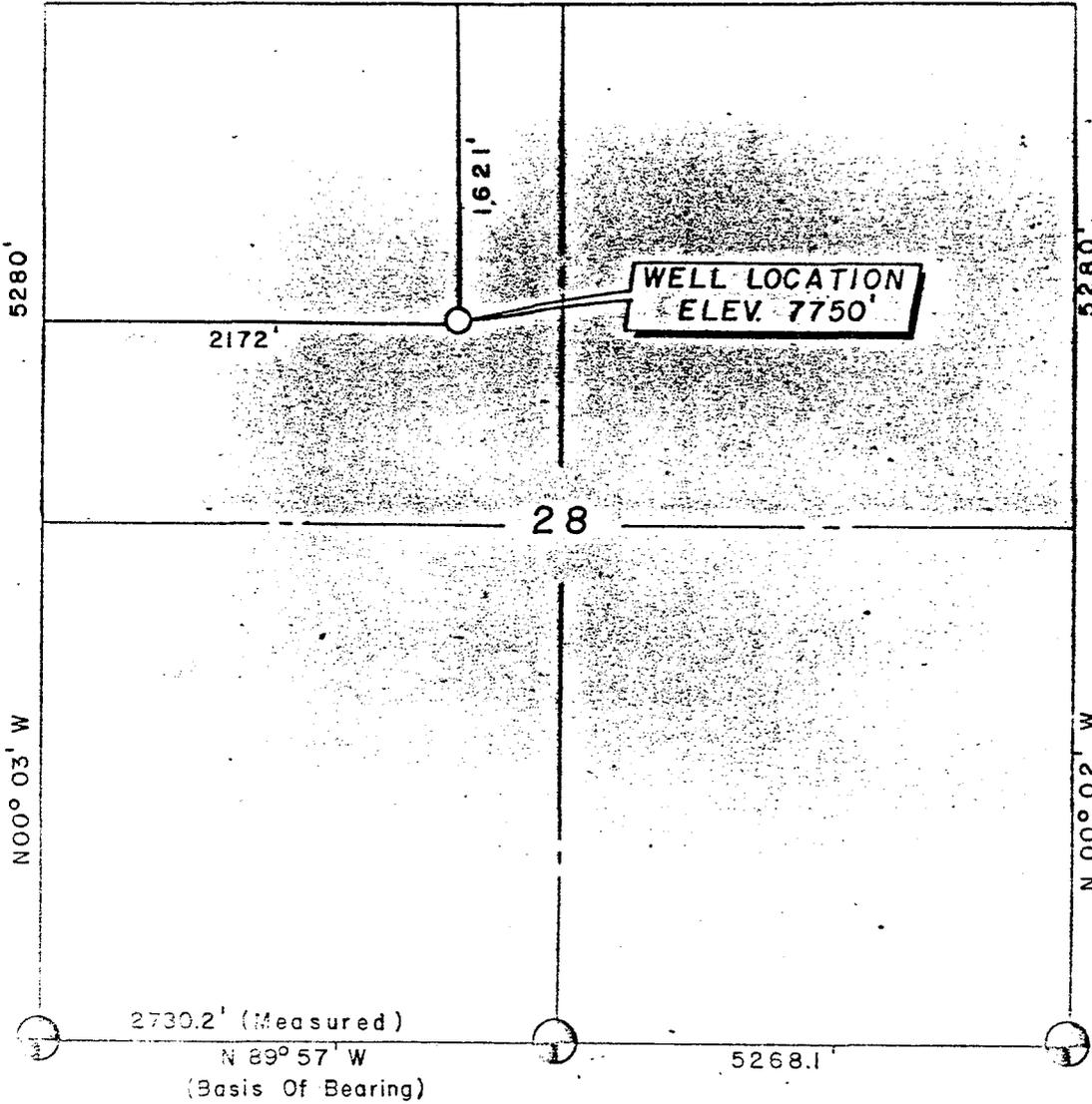
17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 September 10, 1981

N 89° 57' W

5270.8'



LEGEND



FOUND U.S.G.L.O. BRASS CAP.

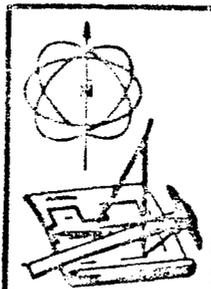
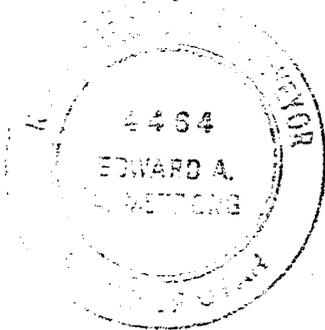
WELL LOCATION

1621 FT. S.N.L. - 2172 FT. E.W.L.  
SECTION 29, T. 15 S., R. 23 E., SLB & M  
UINTAH COUNTY, UTAH

SURVEYOR'S CERTIFICATE

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Edward A. Armstrong*  
EDWARD A. ARMSTRONG P.E. & L.S. 4464



ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 261 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-2751	
1"=1000'	TEXAS OIL & GAS CORP. DUNCAN FEDERAL #3
7/1/81	
EAG	
6/23/81	
Exhibit 2 Survey Plat	JOB NUMBER 813457

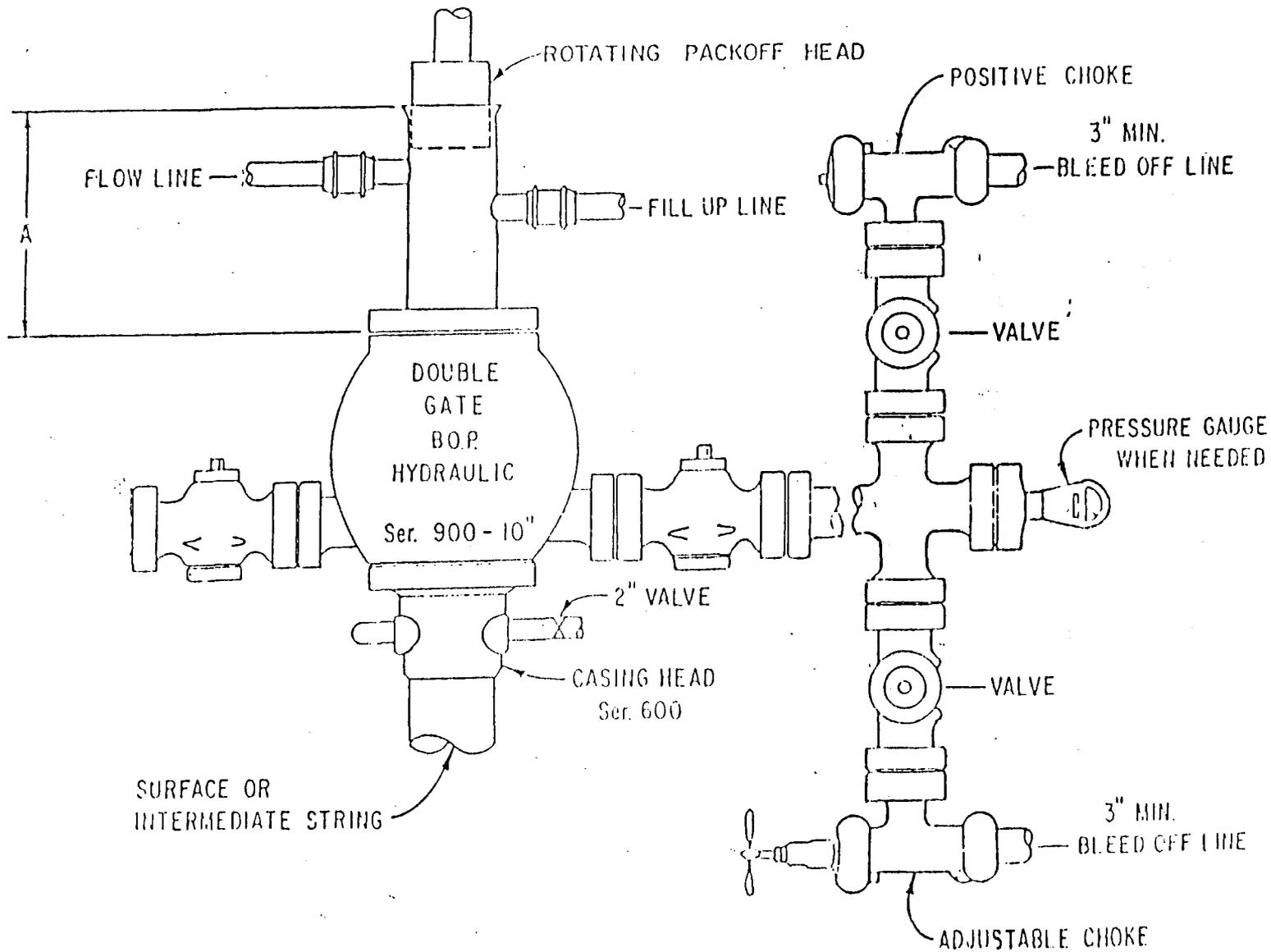


EXHIBIT I  
 BLOWOUT PREVENTER DIAGRAM

\*\* FILE NOTATIONS \*\*

DATE: Aug. 13, 1981  
OPERATOR: Texas Oil & Gas Corp.  
WELL NO: Duncan Federal #3  
Location: Sec. 28 T. 15S R. 23E County: Unitah

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

API Number 43-047-31058

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
Director: OK as per order on case 149-6  
Administrative Aide: OK as per order Below,

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. 149-6 3-26-81 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.

August 14, 1981

Texas Oil & Gas Corp.  
1800 Lincoln Center Bldg.  
Denver, Colo. 80264

RE: Well No. Duncan Federal #3,  
Sec. 28, T. 15S, R. 23E,  
Uintah 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. 149-6, dated March 26, 1981.

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 43-047-31058.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**RECEIVED**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 Texas Oil & Gas Corp.

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  
 1621' FNL, 2172' FWL, Section 28-T15S-R23E  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 46 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) 1621'

16. NO. OF ACRES IN LEASE 1600

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 8850'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7750' GR

22. APPROX. DATE WORK WILL START\* September 10, 1981

5. LEASE DESIGNATION AND SERIAL NO.  
 U-15877

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

7. UNIT AGREEMENT NAME  
 ---

8. FARM OR LEASE NAME  
 Duncan Federal

9. WELL NO.  
 #3

10. FIELD AND POOL, OR WILDCAT  
 Fence Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 28-T15S-R23E

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

23. PROPOSED CASING AND CEMENTING PROGRAM

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22"	18"	Conductor	40'	2 yards
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R.E. Dashner TITLE District Drilling Engineer DATE 7/15/81

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

APPROVED BY W.T. Martin FOR E. W. GUYNN DISTRICT ENGINEER DATE SEP 01 1981

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

*State of G.*

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Texas Oil and Gas Corporation  
Project Type Gas Well  
Project Location 1621' FNL 2172' FWL Section 28, T. 15S, R. 23E  
Well No. Duncan #3 Lease No. U-15877  
Date Project Submitted July 22, 1981

FIELD INSPECTION Date August 6, 1981

Field Inspection Participants  
Greg Darlington USGS, Vernal  
Cory Bodman BLM, Vernal  
Paul Urban Texas Oil and Gas  
Forrest Bird Galley Construction

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning Unit, BLM, Vernal

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.

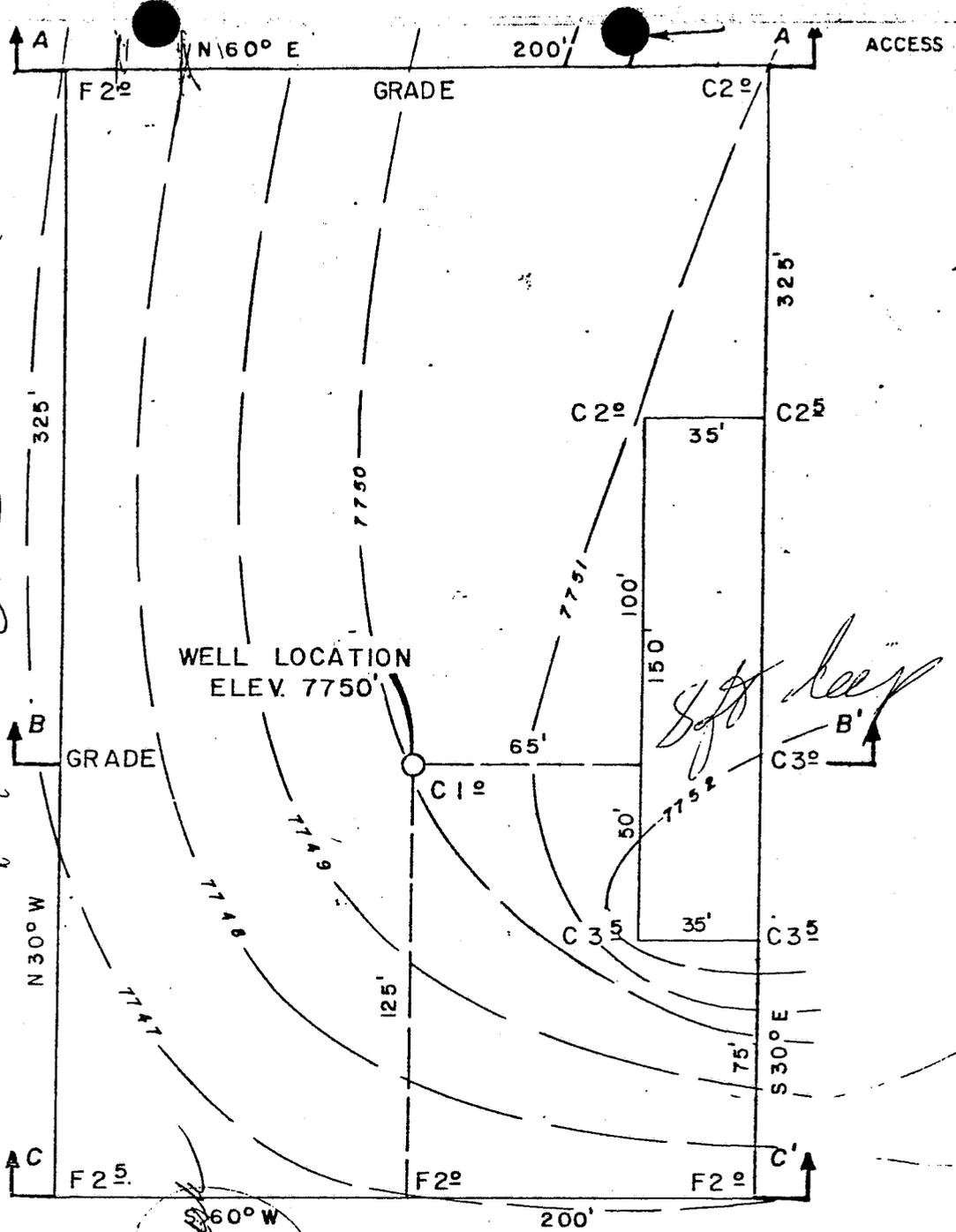
August 13, 1981  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur  
AUG 17 1981  
Date

[Signature]  
District Supervisor

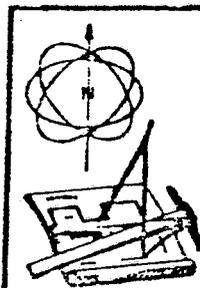
*8" Top Soil*



WELL LOCATION  
ELEV. 7750'

REF. PT. 200' NORTH, ELEV. 7754  
REF. PT. 200' WEST, ELEV. 7726

*Actual layout for Duncan #3*



ARMSTRONG ENGINEERS and ASSOCIATES, INC.  
ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING  
851 ROOD AVENUE - GRAND JUNCTION, COLORADO 81501 - (303) 245-3861

SCALE 1" = 50'  
DATE 7/1/81  
DRAWN BY EAG  
CHECKED BY  
DATE OF REVISION 6/22/81

TEXAS OIL & GAS CORP  
DUNCAN FEDERAL #2

Exhibit 8c  
Rig Orientation

JOB NUMBER  
813457

FIELD NOTES SHEET

Date of Field Inspection: August 6

Well No.: Duncan #3

Lease No.: U-15877

Approve Location:

Approve Access Road:

Modify Location or Access Road: Minor modification about 100' added to access road to improve visibility and angle with existing road.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location, Surveyor interchanged cut and fill

information with Duncan # 2 and # 3 wells. We noted the mistake in the field. Topsoil + Brush piles would be same places or either, 45° difference in layout, 8' deep pits.

The partnership on this well didn't materialize yet and the lease is now held by production. Drilling might not occur until next spring, or might be next month.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 16 DM 2.3.A	<u>Federal/State Agency</u>			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, 2, 4, 6	August 6, 1981	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

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 Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*

PROPOSED ACTIONS:

Texas Oil and Gas Corporation plans to drill the Duncan Federal #3 well, an 8850' gas test of various formations. About 500' of new access road will be needed. An area of operations 200' by 325' will be used for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



Duncan #3 North East View  
Texas Oil and Gas

FROM : DISTRICT GEOLOGIST,           , SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 4-15877OPERATOR: Texas Oil & GasWELL NO. +3LOCATION: NW 1/4 SE 1/4 NW 1/4 sec. 28, T. 15S., R. 23E., 51MUintah County, Utah

## 1. Stratigraphy:

Green River surface			
Wasatch	~1200'	Dakota Silt	8285'
Mesaverde	~2300'	Dakota	8370'
Castlegate	4620'	Morrison	8525'
Mancos	5360'	<u>TD</u>	<u>8600'</u>
Frontier	8010'		

## 2. Fresh Water:

Fresh water may be present in Green River sandstones and in the Mesaverde.

## 3. Leasable Minerals:

Coal: Mesaverde (3500' to 4000')

Oil/Gas: Dakota, Morrison

## 4. Additional Logs Needed:

Run the SNP-FDC or CNL-FDC through Mesaverde coal zone for coal identification.

## 5. Potential Geologic Hazards: None expected.

## 6. References and Remarks:

Signature: Gregory W. WoodDate: 4-9-81



# United States Department of the Interior

IN REPLY REFER TO

T&R  
U-802

BUREAU OF LAND MANAGEMENT  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

July 11, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Re: Texas Oil & Gas Corp.  
Well #2  
Sec. 29, T15S, R23E  
Well #3  
Sec. 28, T15S, R23E  
Uintah County, Utah

Dear Sir:

A joint field examination was made on August 6, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure "Surface Operating Standards for Oil and Gas Exploration and Development".
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.
3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pit.



6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
7. PR Spring may not be used as a water source.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil.
9. It was agreed to by all parties present that the applied for dimensions are adequate to handle all drilling and fracturing operations.
10. These wells will be in winter shut down locations. In order to minimize watershed damage at these sites, no drilling, exploration, or other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells.
11. If South Canyon Creek is used as a water source, the road leading to said creek will be watered to keep the dust settled.
12. At both locations, the top 8 inches of topsoil will be stockpiled between referenced corners A and C. The trees and brush will be stockpiled near reference corner C.

An archaeological clearance was done by the Nichens and Associates. No cultural resources were found.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna or their habitats as long as the above stipulations are adhered to.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc: USGS, Vernal

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.) 1621' FNL, 2172' FWL,  
AT SURFACE: Sec. 28-T15S-R23E  
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   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
CHANGE ZONES   
ABANDON\*   
(other) Operator Name Change

5. LEASE

U-15877

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duncan Federal

9. WELL NO.

#3

10. FIELD OR WILDCAT NAME

Fence Canyon

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

Sec. 28-T15S-R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

7750'

**RECEIVED**  
SEP 19 1981

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

DIVISION OF  
OIL, GAS & MINING

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

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

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

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

SIGNED Charles K. Curlee TITLE Environmental Adm DATE 9/19/81  
Charles K. Curlee

(This space for Federal or State office use)

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



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

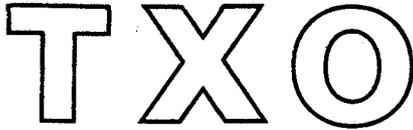
Well No. Lauck Federal #2  
Sec. 29, T. 16S, R. 25E.  
Grand County, Utah

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



**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:

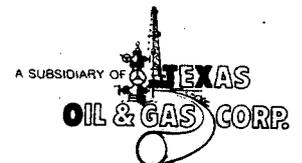
TXO Production Corp. has received your May 6, 1982 letter inquiries concerning the status of various wells locations in Grand and Uintah Counties, Utah. The current status and comments for each well are given below:

- Arco Federal "B" #2  
Section 6, T16S-R25E  
Grand County, Utah      *LK* 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      *LK* Well to be moved; cancel permit; will submit new APD for new location
- Duncan Federal #4  
Section 33-T15S-R23E  
Uintah County, Utah      *LK* 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 & MINING



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

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

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

13

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.

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  
 549' FSL, 582' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 46 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)                      823'

16. NO. OF ACRES IN LEASE                      1600

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.                      2277'

19. PROPOSED DEPTH                      8600'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7709' GR

22. APPROX. DATE WORK WILL START\*  
 October 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-15877

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

7. UNIT AGREEMENT NAME  
 - - -

8. FARM OR LEASE NAME  
 Duncan Federal

9. WELL NO.  
 #3

10. FIELD AND POOL, OR WILDCAT  
~~Blance Canyon~~ WILDCAT

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 Section 28-T15S-R23E

12. COUNTY OR PARISH                      13. STATE  
 Uintah                      Utah

*SWSW*

*Mackison*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22"	18"	Conductor	40'	2 yards
12 1/2"	9 5/8"	36# New	400'	200 sacks
8 3/4"	7"	23# New	5100'	250 sacks
6 1/2"	4 1/2"	11.6# New	8600'	175 sacks

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

DATE: 2/8/82  
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. E. Dashner TITLE District Drilling Engineer DATE 6/15/82  
 (This space for Federal or State office use)

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

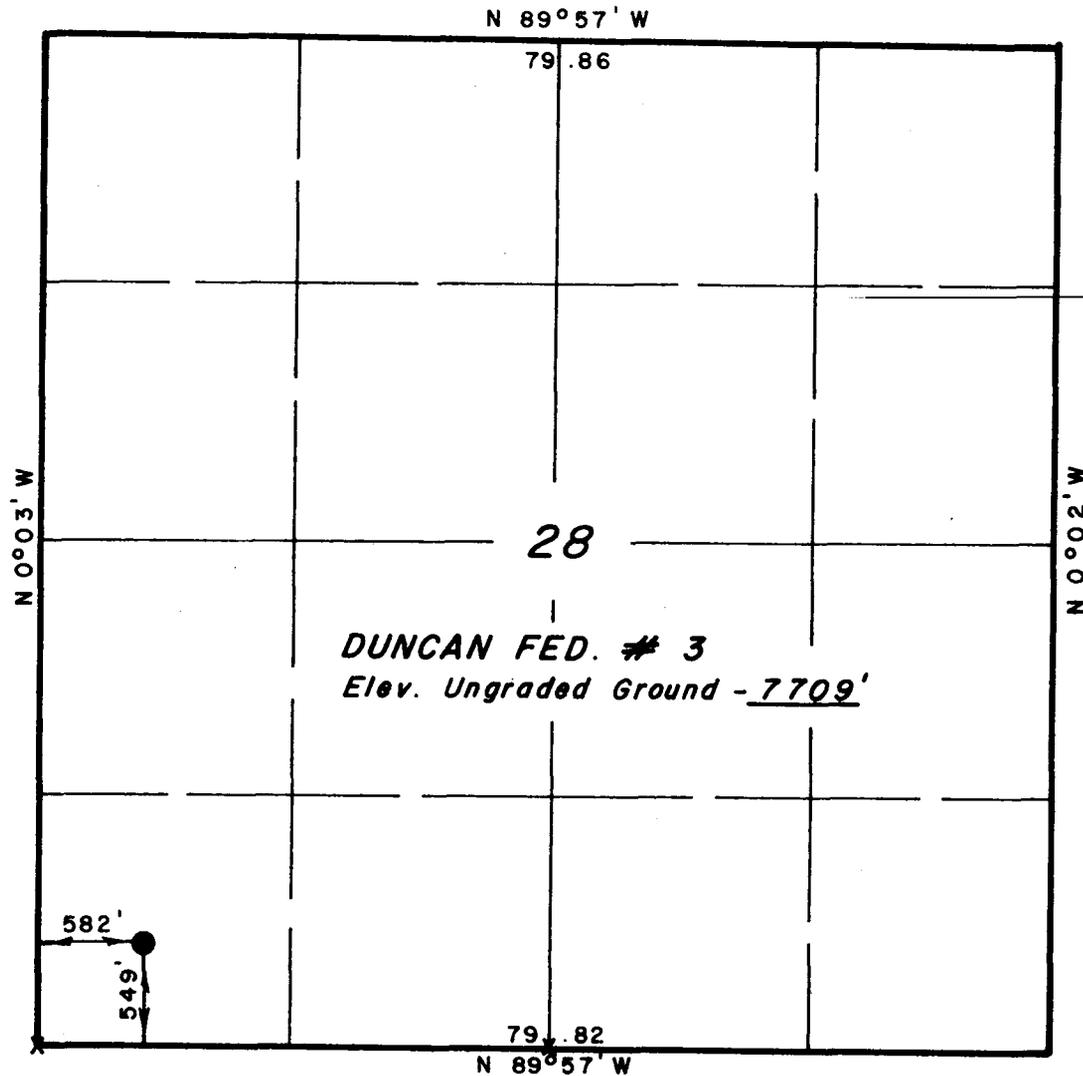
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

T15 S, R23 E, S.L.B.&M.

PROJECT

TXO PRODUCTION CORP.

Well location, *DUNCAN FED. # 3*  
located as shown in SW1/4 SW1/4,  
Section 28, T15 S, R23 E, S.L.B.&M.  
Uintah County, Utah.



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.

*Nelson J. ...*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	4/23/82
PARTY	GS, TJ, JH	REFERENCES	GLO PLAT
WEATHER	COOL	FILE	TXO

X = Section Corners Located

Exhibit 2  
Survey Plat

9-331 C ADDENDUM  
Duncan Federal #3  
Section 28-T15S-R23E  
Uintah County, Utah

1. SURFACE FORMATION: Green River

2. ESTIMATED FORMATION TOPS:

Wasatch	900'
Mesaverde	2100'
Mancos	4850'
Dakota	8200'
Morrison	8440'
Total Depth	8600'

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

Expected Gas Zones:	Mancos	4850'
	Dakota	8200'
	Morrison	8440'

Water may be encountered in the Wasatch and the Mesaverde 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'-400'	Gel and lime spud mud
400'-5300'	Gelled 3% KCl mud with light WL material
5300'-TD	Air or air mist. If necessary, will mud up with 3% KCl mud.

7. AUXILIARY EQUIPMENT:

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

8. CORING, LOGGING, TESTING PROGRAM:

- A. No coring is anticipated.
- B. Logging: DISFL from 40' to TD, SNP-FDC-GR-CAL from 2000' above TD to TD; if logged wet, CNL-FDC-GR-CAL from 2000' above TD to TD.

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 15, 1982
Spud date	October 20, 1982
Complete drilling	November 20, 1982
Completed, ready for pipeline	December 15, 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: June 15, 1982

WELL NAME: Duncan Federal #3

LOCATION: 549' FSL, 582' FWL, Section 28-T15S-R23E, Uintah County, Utah.

1. EXISTING ROADS

- A. Proposed well site as staked. Refer to Exhibit 2. The well has been staked 549' FSL and 582' FWL in Section 28-T15S-R23E.
- B. Route and distance from nearest town or locatable reference point to where well access route leaves main road: From Mack, Colorado, proceed west on State Highway 6 & 50 for 9 miles to Two Road (in Colorado). Turn right onto Two Road and proceed north 4 miles to a fork. Take the left fork and proceed 11.6 miles to a fork. Turn left and proceed up the San Arroyo Ridge Road 7.2 miles to a fork. Take left fork and proceed 2 miles to the beginning of the proposed access road.
- C. Access route to location color coded in red and labeled. Refer to Exhibit 3.
- D. For development well, all existing roads within one mile color coded in yellow. Refer to Exhibit 4.
- E. Plans for improvement and maintenance of existing roads: The last 2.0 miles of existing road will need to be crowned and ditched to facilitate drainage. During wet periods, maintenance may be necessary to allow passage by drilling rigs and well servicing vehicles. Dry periods may necessitate wetting the road to control dust.

2. PLANNED ACCESS ROAD

Show all necessary roads to be constructed or reconstructed: An access road, approximately 0.1 miles long, will be constructed in a north-south direction between the west side of the pad and the existing road. The road will be 18-20 feet wide and constructed on relatively flat ground. If the well is commercially productive, the road will be crowned and bar-ditched to facilitate drainage. No drainages will be crossed, and no switchbacks will be needed. See 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-Mtn. Fuel 1 Main Canyon, Sec. 18-T15S-R23E

- C. Temporarily Abandoned Wells-None
- D. Disposal Wells-None
- E. Drilling Wells-None
- F. Producing Wells-None
- 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 pits 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 wild-life: The water production pits will be fenced with woven wire to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location and type of water supply: Water will be purchased from Burt DeLambert, a local rancher. The source of this water is a pond located in Section 31-T15S-R23E.
- 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 northeast corner 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 drill site and the last 2 miles of existing access road are located on surface owned by the State of Utah.
- 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 4,374 cubic yards of material will be derived from cuts on location and approximately 2,825 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 Utah State land is Section 27, 28, 33 and 34-T15S-R23E. Refer to Exhibit 4.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Cuttings will be contained and disposed of in the reserve pit.
- B. Drilling fluids will be contained and disposed of in the reserve pit. While drilling with air or gas, a dust arresting system will be installed on the blow line.
- C. Produced fracturing 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 reserve pit will be fenced on three sides prior to drilling, and on the fourth side before the rig moves 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 15, 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 gradual north 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 sagebrush, juniper, pinyon pine,

oak brush, mountain mahogany, douglas fir, herbs and native grasses. Fauna include deer, small mammals and birds.

- B. Other surface-use activities and surface ownership of all involved lands: The primary surface uses are oil and gas production and ranching. All affected land is owned by the State of Utah.
- 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 Main Canyon. An archeological study will be performed and results forwarded to the necessary 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  
1660 Lincoln Street  
Denver, Colorado 80264  
(303) 861-4246 - Business  
(303) 690-5658 - Residence

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

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

13. CERTIFICATES

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

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

DATE: June 15, 1982

  
\_\_\_\_\_  
Ronald E. Dashner  
District Drilling Engineer

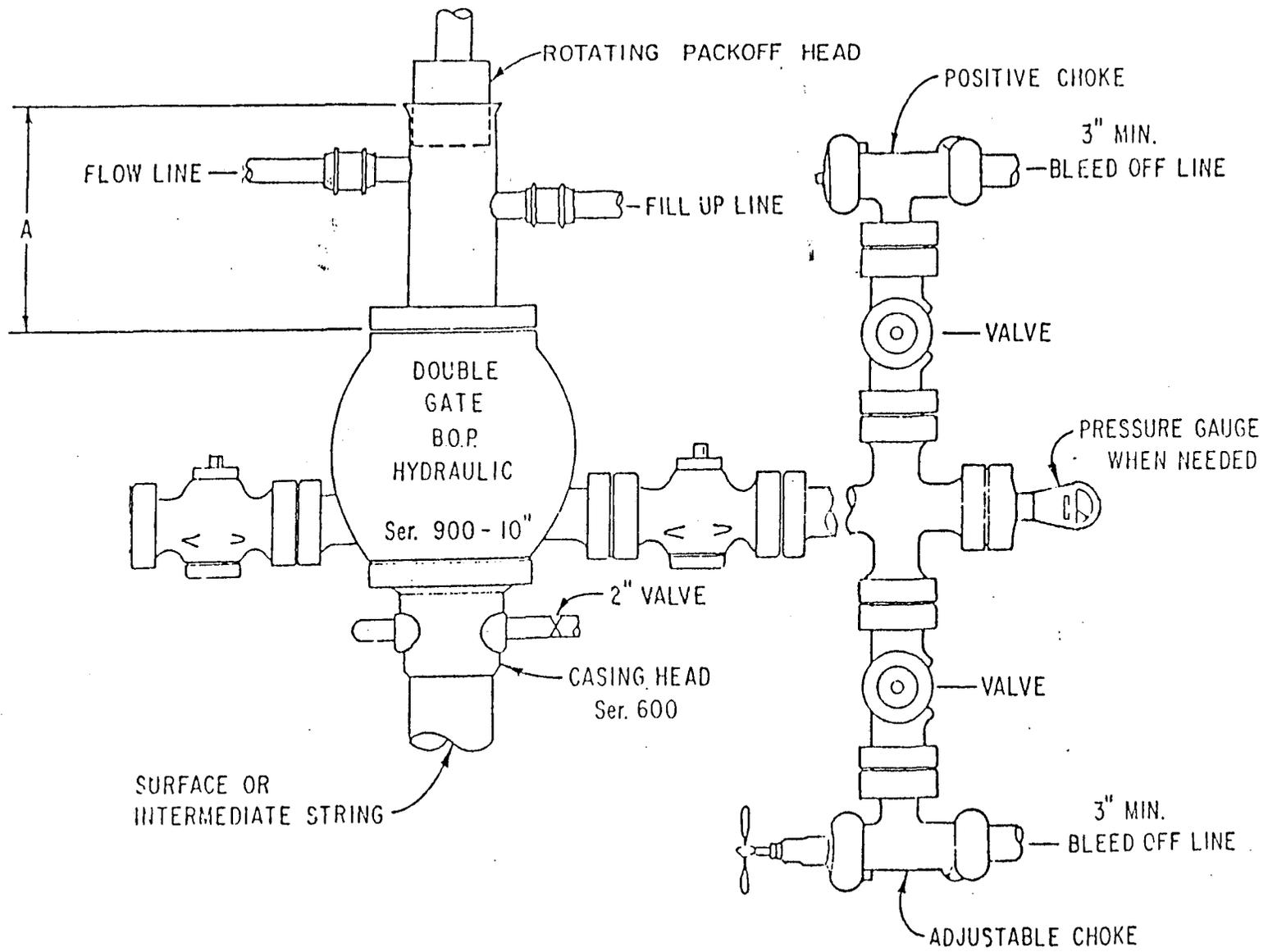
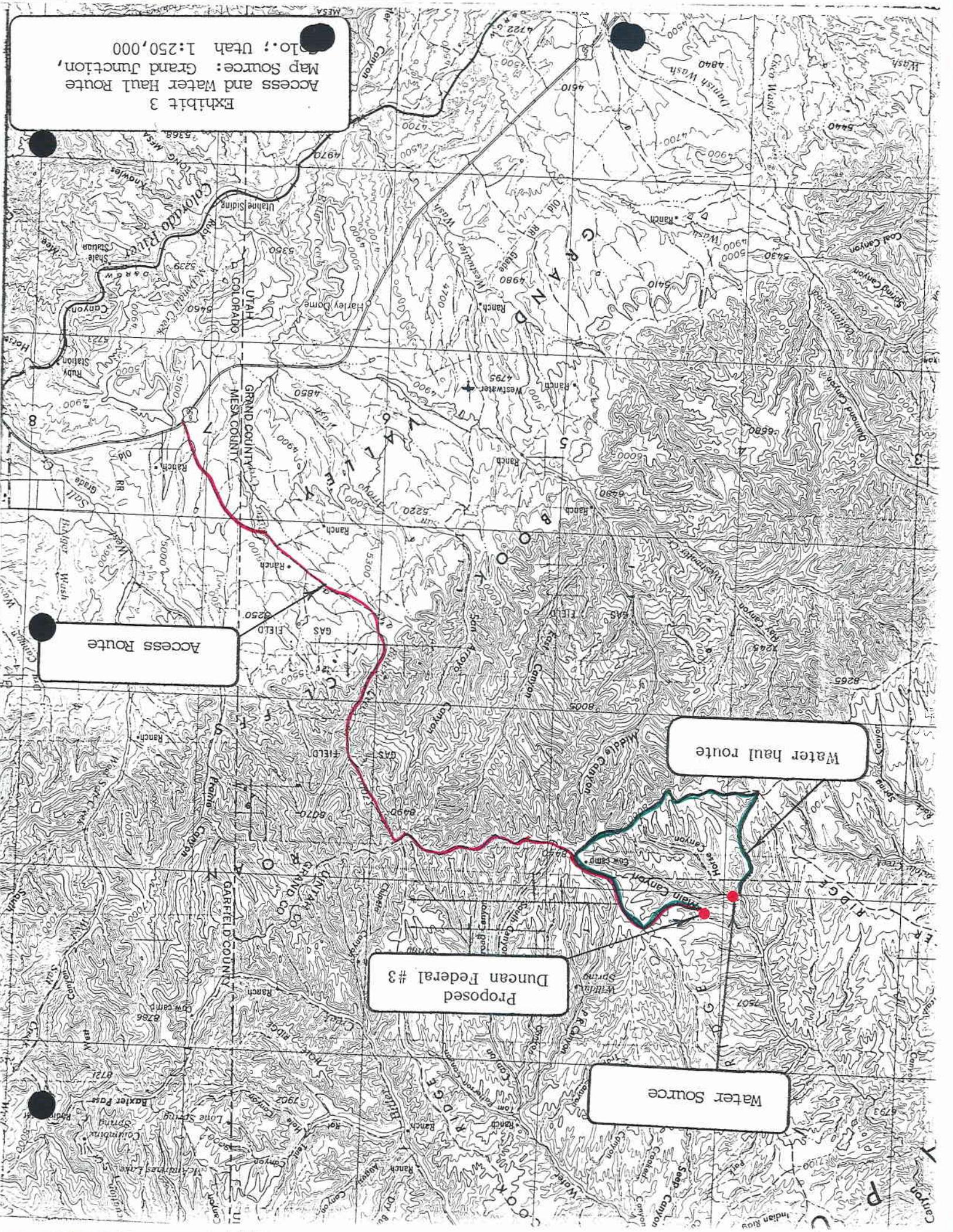


EXHIBIT I  
 BLOWOUT PREVENTER DIAGRAM

Exhibit 3  
Access and Water Haul Route  
Map Source: Grand Junction,  
Utah 1:250,000



Access Route

Water haul route

Proposed Federal #3

Water Source



# R23E

COSEKA  
2 Main Canyon  
8983

TAIGA  
14 Main Canyon Unit  
8515

8427  
COSEKA  
13 Main Canyon

COSEKA  
7-23 Main Canyon  
8665

COSEKA  
3-3E Main Canyon Unit  
8850

COSEKA  
4 Main Canyon  
206

TXO  
1 Duncan Fed  
8772

29

MTN. FUEL  
1 Main Canyon  
9051

TXO  
3 Duncan Fed.

32

TXO  
4 Duncan Fed.

34

35 J. POPE  
1000'

34

26  
HORN

25  
COSEKA  
6 Black Horse Canyon

ARCO  
1 Fed  
WEBB RES.  
13 Federal  
8402

UINTAH  
GRAND

15 1/2

S

T

16

S

MIDDLE CANYON UNIT

10

11

12

7

8

Scale: 1"=40'  
Geologist:  
Date: June 11, 1982

TXO  
TXO PRODUCTION CORP.  
DENVER DISTRICT  
EXHIBIT 5  
ONE-MILE RADIUS  
DUNCAN FEDERAL #3

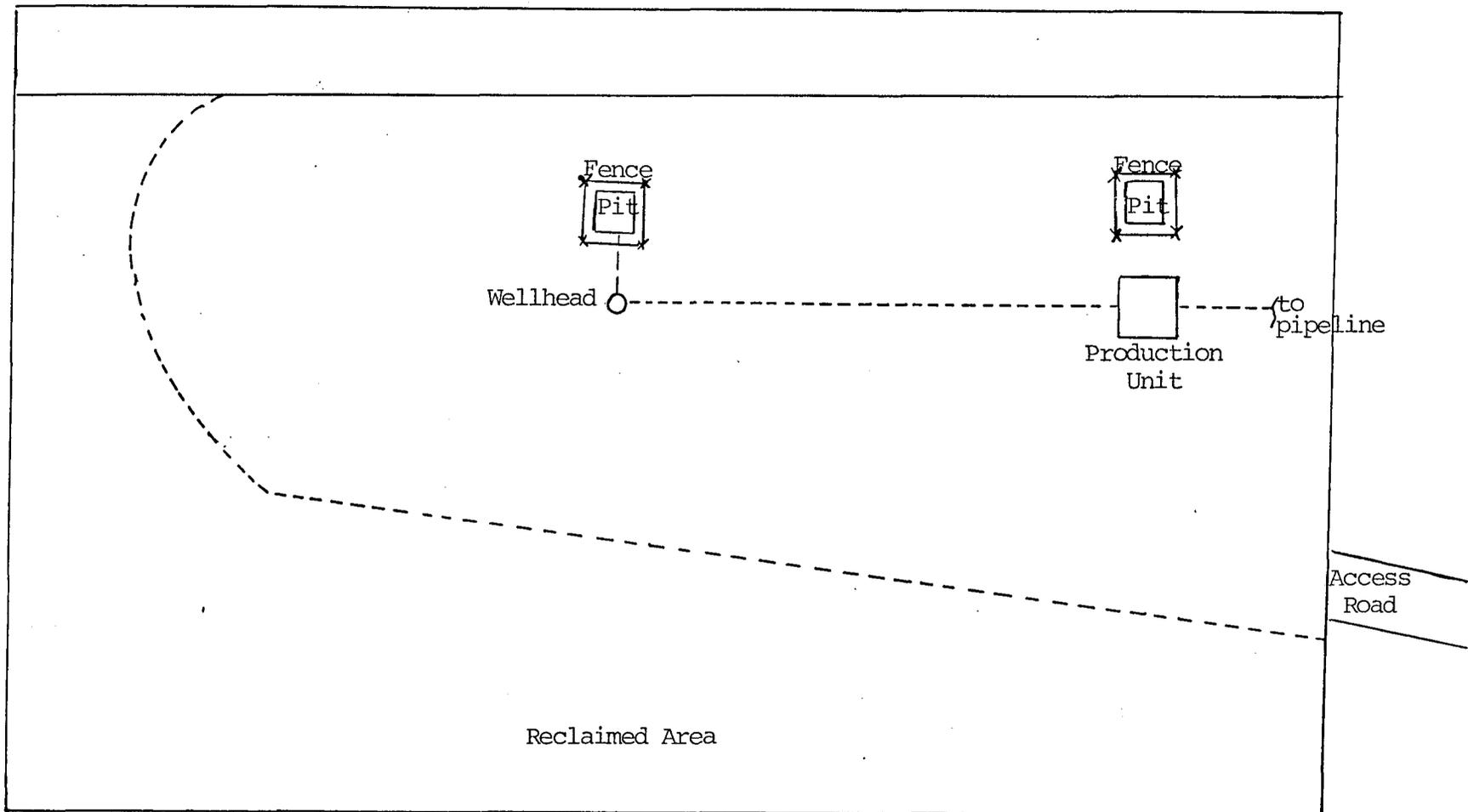


Exhibit 6

Production  
Facilities

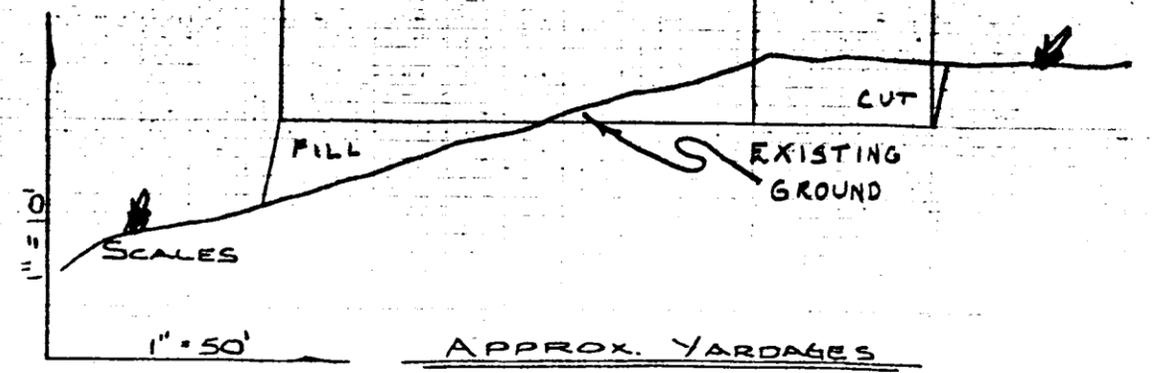
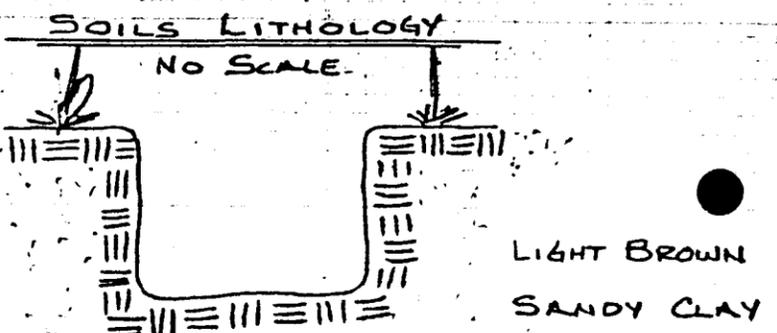
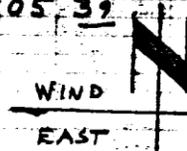
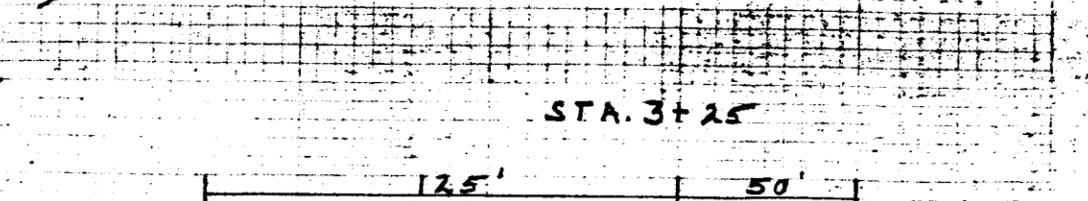
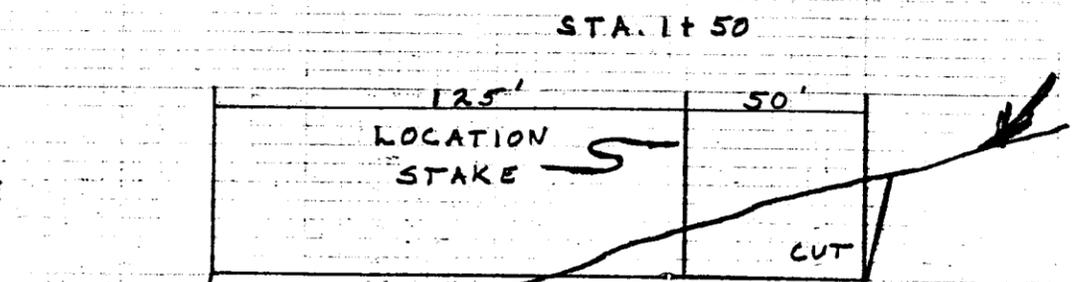
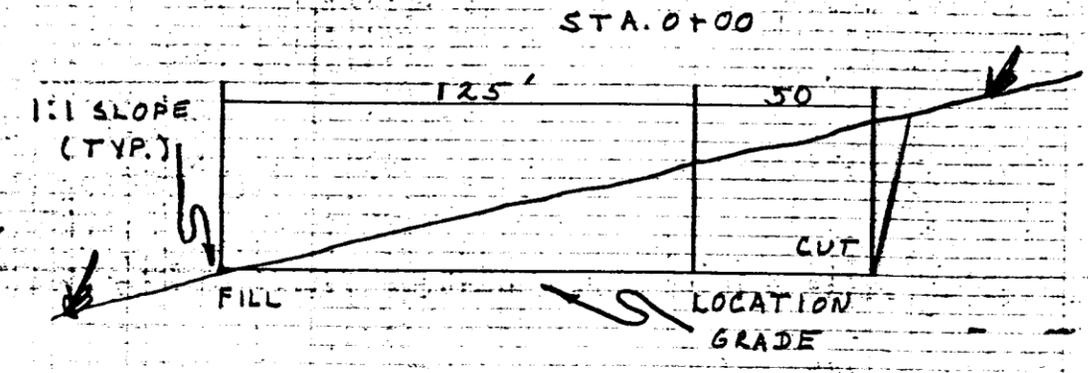
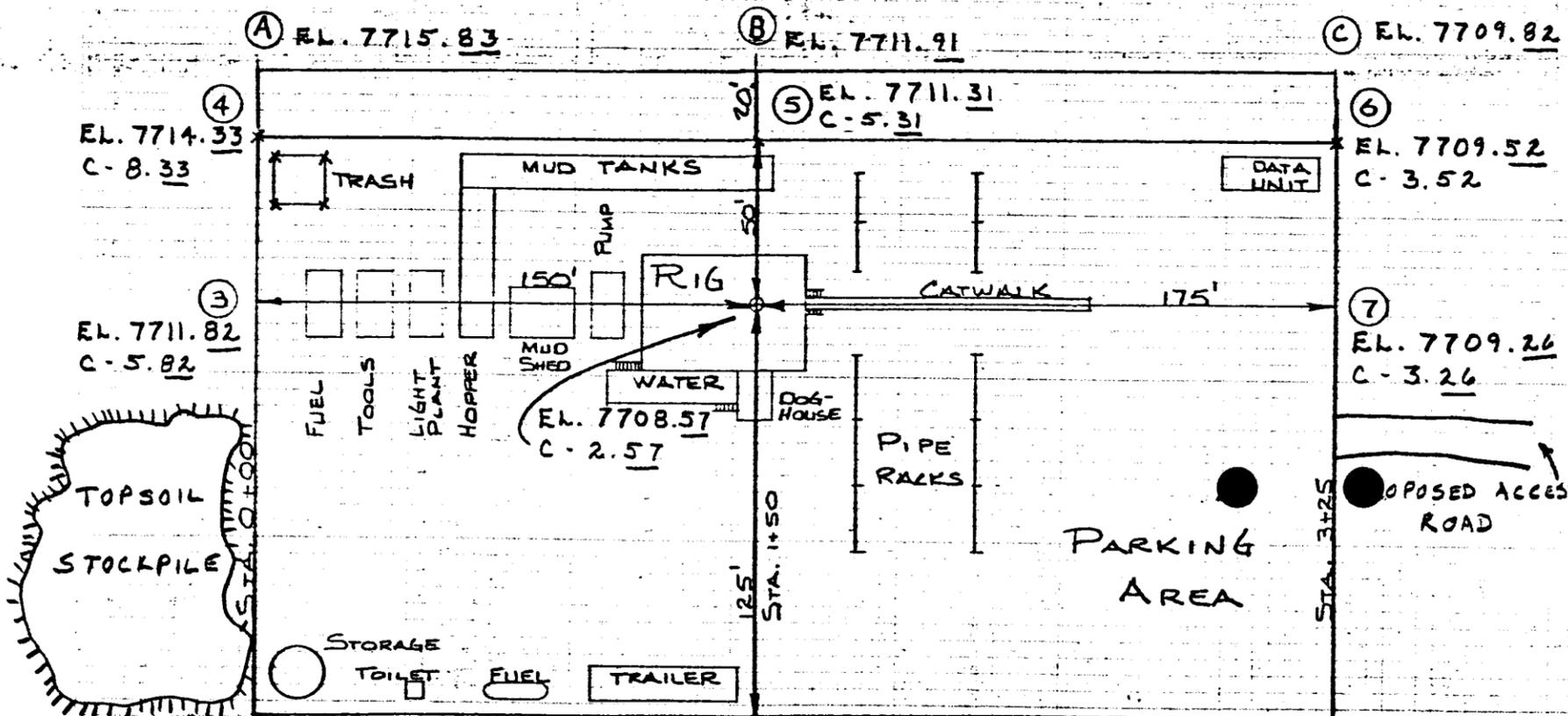
Scale 1"=50'

- 1) Pits 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.

SCALE 1" = 50'

TXO PRODUCTION CORPORATION

DUNCAN FEDERAL # 3



Cu. Yds. CUT - 4,374  
Cu. Yds. FILL - 2,825

# TXO

## TXO PRODUCTION CORP.

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

June 15, 1982

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

Re: Duncan Federal #3  
Section 28-T15S-R23E  
Uintah County, Utah

Dear Mr. Feight:

Enclosed please find a copy of the APD/MSUOP package for the captioned well location submitted for your review and approval. We previously applied for a permit for this well prospect at a different location. However, due to geologic considerations we have moved this well prospect to its present location, 549' FSL and 582' FWL. Therefore, we are submitting this package for the new location and beginning the permitting process again.

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

Very truly yours,

TXO PRODUCTION CORP.

*Paul Urban*  
BS

Paul Urban  
Environmental Scientist

PU/BS  
Enclosures/as stated

**RECEIVED**  
JUN 17 1982

DIVISION OF  
OIL, GAS & MINING

A SUBSIDIARY OF **TEXAS**  
**OIL & GAS CORP.**

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.

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  
 549' FSL, 582' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 46 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)  
 823'

16. NO. OF ACRES IN LEASE  
 1600

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.  
 2277'

19. PROPOSED DEPTH  
 8600'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7709' GR

22. APPROX. DATE WORK WILL START\*  
 October 15, 1982

5. LEASE DESIGNATION AND SERIAL NO.  
 U-15877

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

7. UNIT AGREEMENT NAME  
 - - -

8. FARM OR LEASE NAME  
 Duncan Federal

9. WELL NO.  
 #3

10. FIELD AND POOL, OR WILDCAT  
 Fence Canyon

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 28-T15S-R23E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
22"	18"	Conductor	40'	2 yards
12 1/4"	9 5/8"	36# New	400'	200 sacks
8 3/4"	7"	23# New	5100'	250 sacks
6 1/4"	4 1/2"	11.6# New	8600'	175 sacks

MINERALS MANAGEMENT SERVICE OIL & GAS OPERATIONS RECEIVED  
 JUN 17 1982  
 SALT LAKE CITY, UTAH

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

24. SIGNED R. E. Dashner TITLE District Drilling Engineer DATE 6/15/82

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY W. M. Martin FOR E. W. GUYNN  
 CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_ TITLE DISTRICT OIL & GAS SUPERVISOR DATE SEP 03 1982

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State Oil & Gas

United States Department of the Interior  
Minerals Management Service  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

MINERALS MANAGEMENT SERVICE  
OIL & GAS OPERATIONS RECEIVED  
JUL 1 1982  
SALT LAKE CITY, UTAH

PROJECT IDENTIFICATION

Operator TXO Production Corporation  
Project Type Gas Well  
Project Location 549' FSL 582' FWL Section 28, T15S, R23E  
Well No. 3 Lease No. U-15877  
Date Project Submitted June 21, 1982

FIELD INSPECTION Date June 28, 1982

Field Inspection Participants Greg Darlington - MMS, Vernal  
Paul Urban - TXO Production  
Dallas Galley - Galley Construction

Max Wall

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.

June 29, 1982  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur

JUL 01 1982  
Date

W. W. Martin FOR E. W. GUYNN  
District Supervisor DISTRICT OIL & GAS SUPERVISOR

## Proposed Actions :

TXO Production Corporation plans to drill the Duncan Federal #3 well on State land and Federal Mineral Lease. The well is to be an 8600' gas test of various Formations. A new access road of 500' length is planned to reach existing roads. A pad 175' by 325' and a reserve pit 20' by 325' are planned for the location.

## Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. ~~BLM stipulations~~ State of Utah Conditions of Approval, such as proper right of way through State land.
  2. Lease stipulations
  3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.
1. State of Utah stipulations with related right of way agreements.

FIELD NOTES SHEET

Date of Field Inspection: June 28, 1982

Well No.: Duncan Federal #3

Lease No.: U-15877

Approve Location:

Approve Access Road:

Modify Location or Access Road: Plans adequate

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Good location, about 500' access

very good location considering the area involved

Expect 2-5 Million cubic feet of Natural gas

This is a development well. Water to be hauled about

3 miles from site where DeLambert pumps it up to,

Water purchased from private source indicated but pumped so haul route is much shorter.

Federal Minerals State Well.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety							2, 4, 6	June 28 1982	
Unique characteristics							2, 4, 6		
Environmentally controversial							2, 4, 6		
Uncertain and unknown risks							2, 4, 6		
Establishes precedents							2, 4, 6		
Cumulatively significant							2, 4, 6		
National Register historic places							6		
Endangered/threatened species							6		
Violate Federal, State, local, tribal law							2, 4, 6		

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 Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*

\*\* FILE NOTATIONS \*\*

RE-SUBMITTED APPLICATION

DATE: June 22, 1982

OPERATOR: TXO Production Corp.

WELL NO: Duncan Federal #3

Location: <sup>SWSW</sup> Sec. 28 T. 15S R. 23E County: Wintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-~~31254~~<sup>31058</sup>

CHECKED BY: \_\_\_\_\_

*\* Note: location previously permitted & location Abandoned # 43-047-31058*

Petroleum Engineer: OK, topographic exception location

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

Administrative Aide: OK As Per Order Below

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. (149-6) 3-26-81

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

RECEIVED

JUL 07 1982

July 1, 1982

DIVISION OF  
OIL, GAS & MINING

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

Re: Duncan Federal #3  
Section 28-T15S-R23E  
Uintah County, Utah

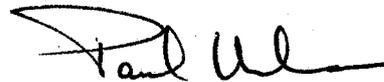
Dear Mr. Feight:

TXO Production Corp. requests an administrative spacing exception for the proposed Duncan Federal #3 well location 549' FSL, 582' FWL, Section 28-T15S-R23E, Uintah County, Utah. An application for permit to drill this prospect was submitted to your office on June 15, 1982. This location is being proposed in the southwest quarter because we feel it is the best geologic location. The topographic constraints in the southwest quarter dictated its current location. (See attached map.)

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

Very truly yours,

TXO PRODUCTION CORP.



Paul Urban  
Environmental Scientist

PU/JY

4373000m N

4372

4371

4370

T. 15 S.

T. 15 1/2 S.

4369

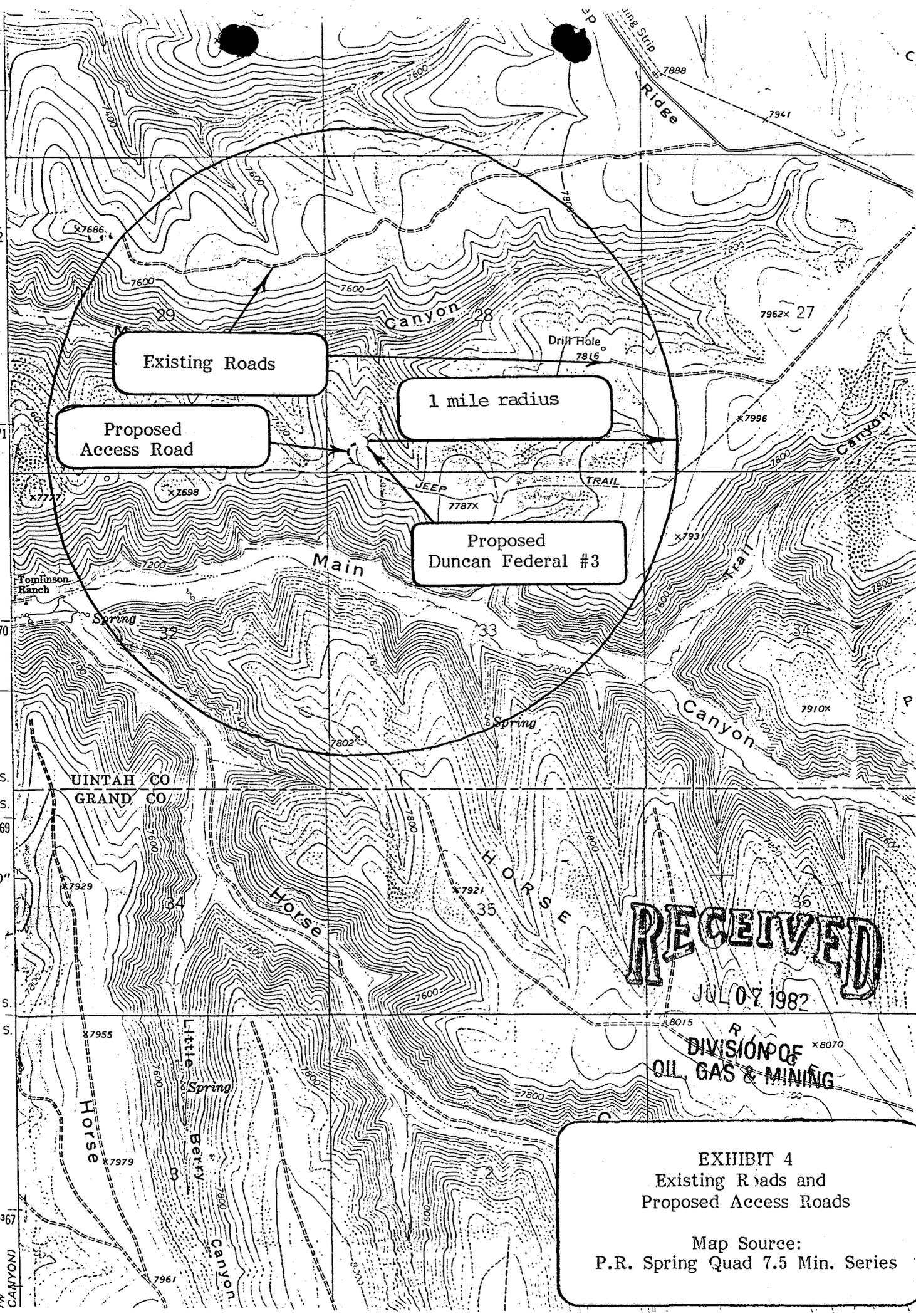
27'30"

T. 15 1/2 S.

T. 16 S.

4367

1/4 W CANYON



Existing Roads

Proposed Access Road

1 mile radius

Proposed Duncan Federal #3

RECEIVED  
JUL 07 1982

DIVISION OF  
OIL GAS & MINING

EXHIBIT 4  
Existing Roads and  
Proposed Access Roads

Map Source:  
P.R. Spring Quad 7.5 Min. Series

July 8, 1982

TXO Production Corporation  
1800 Lincoln Center Building  
Denver, Colorado 80264

RE: Well No. Duncan Federal #3  
Sec. 28, T15S, R23E  
Uintah County

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. 149-6, dated 03-26-81.

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

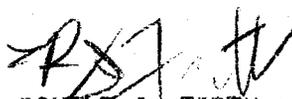
CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

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 43-047-31058.

Sincerely,



RONALD J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJF:SC  
cc: Minerals Management Service  
Enclosure

X



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

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

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

March 17, 1983

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

Re: See attached list of wells

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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse  
Well Records Specialist

CF/cf

Well No. Credo Federal "A" # 3  
Sec. 6, T. 16S, R. 26E.  
Grand County, Utah

Well No. Asphalt Creek Federal # 3  
Sec. 1, T. 12S, R. 24E.  
Uintah County, Utah

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

Well No. Duncan Federal # 2  
Sec. 29, T. 15S, R. 23E.  
Uintah County, Utah

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



**TXO PRODUCTION CORP.**

1800 LINCOLN CENTER BUILDING  
DENVER, COLORADO 80264

TELEPHONE (303) 861-4246

March 22, 1983

MAR 31 1983

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

DIVISION OF  
OIL & GAS

Attention: Cari Furse

Re: Drilling Plans  
Grand and Uintah Counties, Utah

Madam:

Pursuant to your letter of March 17, 1983 inquiring as to the drilling plans for various permitted well prospects, TXO submits the following information:

- |   |   |
|---|---|
| Credo Federal "A" #3<br>Section 6-T16S-R26E<br>Grand County, Utah       | Well postponed indefinitely; cancel permit  |
| Asphalt Creek Federal #2<br>Section 10-T12S-R24E<br>Uintah County, Utah | Well to be drilled in late 1983; reserve permit   |
| Asphalt Creek Federal #3<br>Section 1-T12S-R24E<br>Uintah County, Utah  | Well spudded 8/23/82; completed on 2/1/83; Completion Report will be forwarded under separate cover |
| Duncan Federal #2<br>Section 29-T15S-R23E<br>Uintah County, Utah        | Well to be drilled in fall, 1983; reserve permit  |
| Duncan Federal #3<br>Section 28-T15S-R23E<br>Uintah County, Utah        | Well to be drilled in fall, 1983; reserve permit  |
| Duncan Federal #4<br>Section 33-T15S-R23E<br>Uintah County, Utah        | Well to be drilled in fall, 1983; reserve permit  |

Although our drilling schedule is tentative and subject to change, the above information provides a planning framework. If you need additional information, please contact me at this office.

Very truly yours,

TXO PRODUCTION CORP.

Karen P. Bow  
Environmental Scientist

KPB/BS





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

January 4, 1984

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

RE: Well No. Duncan Federal #3  
API #43-047-31058  
549' FSL 582' FWL SW/SW  
Sec. 28, T. 15S, R. 23E.  
Uintah County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

A handwritten signature in black ink, appearing to read "Norman C. Stout".

Norman C. Stout  
Administrative Assistant

NCS/cj



# United States Department of the Interior *file*

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY  
REFER TO:

3100  
U-810

April 3, 1984

TXO Production Corp.  
1800 Lincoln Center Building  
Denver, CO 80264

Re: Rescind Application for Permit to Drill  
Well No. Duncan Federal 3  
Section 28, T15S, R23E  
Uintah County, Utah  
Lease U-15877

Gentlemen:

The Application for Permit to Drill the referenced well was approved on September 3, 1982. Since that date, no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Lloyd H Ferguson  
District Manager

cc: Well File  
State O & G  
SMA