

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED OIL WELL SUB REPORT/abd \_\_\_\_\_

*\* Location Abandoned - well never drilled - Feb 2, 1982*

*7-21-86 added to computer*

DATE FILED 4-2-81  
 LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO \_\_\_\_\_ PUBLIC LEASE NO \_\_\_\_\_ INDIAN 14-20-H-62-2969

DRILLING APPROVED: 4-21-81

SPUDDED IN: \_\_\_\_\_  
 COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED LA Feb. 2, 1982

FIELD: 3/8 Undesignated

UNIT: \_\_\_\_\_

COUNTY: Uintah

WELL NO Josephine McCook Tribal #1 API NO. 43-047-30934

LOCATION 2309 FT FROM (N)  LINE. 1899 FT FROM (E)  LINE SW NE 1/4 - 1/4 SEC. 26

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				<u>2S</u>	<u>1E</u>	<u>26</u>	<u>EXXON CORPORATION</u>

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  
 Exxon Corporation

3. ADDRESS OF OPERATOR  
 P. O. Box 1600      Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2309' FNL & 1899' FEL of Section  
 At proposed prod. zone SW NE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 1.5 miles North of Fort Duchesne, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 1899' to unit line

16. NO. OF ACRES IN LEASE  
 40

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 640 more or less

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 None

19. PROPOSED DEPTH  
 12,500' Wasatch

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ungraded Gr 4961'

22. APPROX. DATE WORK WILL START\*

5. LEASE DESIGNATION AND SERIAL NO.  
 14-20-H-62-2969

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Ute

7. UNIT AGREEMENT NAME  
 -----

8. FARM OR LEASE NAME  
 Josephine McCook-Ute Tribal Unit

9. WELL NO.  
 1.

10. FIELD AND POOL, OR WILDCAT  
 Bluebell Undesignated

11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA  
 Sec. 26, T2S, R1E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	2600'	965 cu. ft.
8-3/4"	7"	23, 26#	9900'	885 cu. ft.
6-1/8"	4-1/2"	15.10#	12,500'	247 cu. ft.

The proposed unit will consist of 640 acres more or less, and will be all of Section 26.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING  
 DATE: 4/21/81  
 BY: [Signature]

RECEIVED  
 APR 2 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 Edgar Runkel TITLE Unit Head DATE March 31, 1981

(This space for Federal or State office use)

PERMIT NO. 30934 APPROVAL DATE \_\_\_\_\_

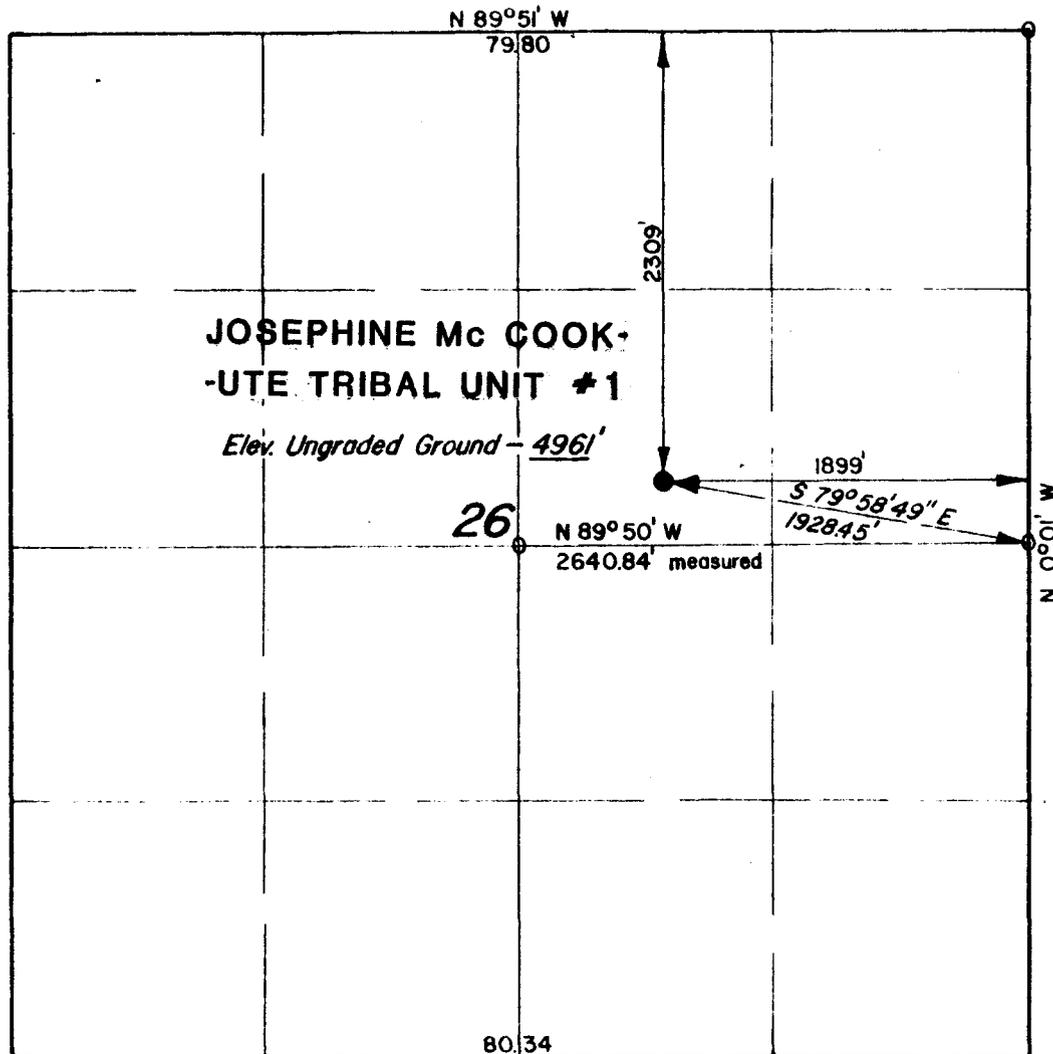
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

T 2 S, R 1 E, U.S.B. & M.

PROJECT  
EXXON COMPANY U.S.A.

Well location, J. MC. -U. T. U. #1  
 located as shown in the SW1/4 NE1/4  
 Section 26, T 2 S, R 1 E, U.S.B. & M.  
 Uintah County, Utah.



O = Brass Cap Section Corners Located



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.

*John Sturt*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P O BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84076

SCALE 1" = 1000'	DATE 3/10/81
PARTY GS DK                      WB	REFERENCES GLO Plat
WEATHER Cloudy / Warm	FILE EXXON COMPANY U.S.A.

\*\* FILE NOTATIONS \*\*

DATE: April 15, 1981  
 OPERATOR: Exxon Corporation  
 WELL NO: Josephine McCook Trival #1  
 Location: Sec. 26 T. 25 R. 1E County: Montana

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

API Number 43-047-30934

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Director: OK as per order issued in Canal 131-24  
 \_\_\_\_\_  
 \_\_\_\_\_

Administrative Aide: OK as per Order below / OK on  
orders / No other wells in section 26.  
 \_\_\_\_\_  
 \_\_\_\_\_

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
 Order No. 131-24, 1/16/74 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

Hot Line  P.I.  Approval Letter Written

April 28, 1981

Exxon Corporation  
P. O. Box 1600  
Midland, Texas 79702

Re: Well No. Josephine McCook Tribal #1  
Sec. 26, T. 2S, R. 1E, SW NE  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 131-24, dated January 16, 1974.

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 43-047-30934.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS

**DUPLICATE**  
**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

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**DRILL**       **DEEPEN**       **PLUG BACK**

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**12,500'**

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**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Ungraded Gr 4961'**

22. APPROX. DATE WORK WILL START\*

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**14-20-H-62-2969**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Ute**

7. UNIT AGREEMENT NAME  
 -----

8. FARM OR LEASE NAME  
**Josephine McCook-Ute Tribal Unit**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Bluebell**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 26, T2S, R1E**

12. COUNTY OR PARISH  
**Uintah**

13. STATE  
**Utah**

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**PROCESSED**  
**MAY 8 1981**  
**DIVISION OF OIL, GAS & MINING**

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24. SIGNED Edgar Runkel TITLE Unit Head DATE March 31, 1981

(This space for Federal or State office use)

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

APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE MAY 7 1981

CONDITIONS OF APPROVAL, IF ANY:

**NOTICE OF APPROVAL**  
**CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

*one mail to one com in*

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

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 Exxon Corporation  
Project Type Oil Well - Wildcat  
Project Location 2309' FNL 1899' FEL Section 26, T. 2S, R. 1E.  
Well No. Josephine McCook Unit #1 Lease No. 14-20-H62-2969  
Date Project Submitted April 2, 1981

FIELD INSPECTION Date April 15, 1981

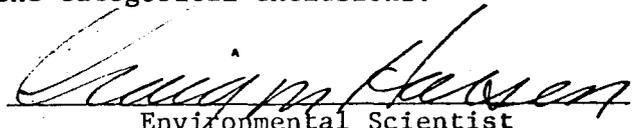
Field Inspection Participants

Craig Hansen	USGS, Vernal
Lynn Hall	BIA, Ft. Duchesne
Ray Springwater	BIA, Ft. Duchesne
Mark Bolton	Exxon Corporation
Dennis Heller	Exxon Corporation
Leroy Shing	Ute Tribe Executive Director

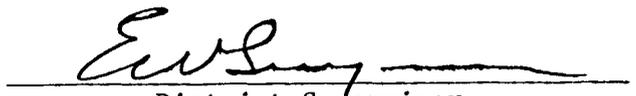
Related Environmental Documents: \_\_\_\_\_

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.

April 16, 1981  
Date Prepared

  
Environmental Scientist

I concur  
5/5/81  
Date

  
District Supervisor

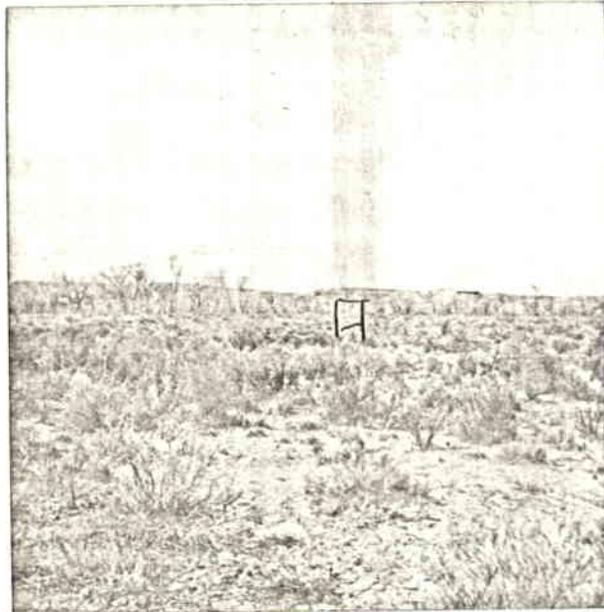
Typing In April 17, 1981 Typing Out April 17, 1981

*Rec 5/5*



RECOMMENDED STIPULATIONS FOR EXXON #1-D JOSEPHINE McCOOK UTE TRIBAL

1. Tank grades will be low profile and painted a tan color to blend in with the natural surroundings.
2. Fence production facilities with a 48' sheep type fence.
3. Water permit will be obtained from the Ute Tribe.
4. Operator will adhere to standard BIA Surface Stipulations.
5. Reserve pits will be closed as soon as completion of the well takes place.



*Exxon Josephine McCook.  
Ute Tribal Unit #1  
West*

Utah and Ourey Agency  
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Exxon Corporation proposes to drill an Oil well Josephine McCook Ute Tribe Unit #1 to a proposed depth of 12,500 feet; to construct approximately 500 ft. of new access road; and upgrade approximately None miles of existing access road. The well site is located approximately 0.5 miles SE of Ft. Duchesne, Utah in the SWNE, Sec. 26, T. 2S, R. 1E USB&M

2. Description of the Environment:

The area is used for grazing, wildlife, hunting, rural homes, irrigated crop and pasture land. The topography is nearly level flood plain. The vegetation consists of greasewood, sagebrush, rabbitbrush, squirreltail grass.

The area is used as wildlife habitat for X deer, antelope, elk, bear, X small animals, X pheasant, X dove, sage grouse, ruffle grouse, blue grouse, bald eagle, X golden eagle, other coyotes, rabbits, fox. The climate is characterized by having cold snowy winters and warm dry summers. Temperatures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is 6-8 inches. The elevation is 4961 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from 4 acres of land occupied by the well site and access road. The disturbance of the soil and removal of vegetation will:

A. Destroy wildlife habitat for: X deer, antelope, elk, bear, X small mammals, X pheasant, X dove, sage grouse, ruffle grouse, blue grouse, X rabbit, golden eagle, bald eagle, other \_\_\_\_\_

B. Remove from production: X rangeland for livestock grazing, irrigated cropland, irrigated pastureland, prime timberland, pinion-juniper land.

C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and production of the well human activity in the area will increase significantly. This is expected to significantly increase: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, theft of firewood, X litter accumulations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public health and safety. There is a X high, moderate, slight possibility that pollution from this activity will enter a stream or lake.

Production facilities can easily be seen from a: X community, major highway, public facility.

4. Mitigating measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Bl M. Guyon, District Engineer, U.S. Geological Survey, dated February 13, 1980 will be implemented. Additional stipulations and changes to the 11 point surface use plan are: (1) Obtain right-of-ways and permits from the BIA, Branch of Real Property Management. (2) Comply with USGS BIA and Ute Tribal Regulations & Ordinances. (3) Make damage settlement with the surface owner. (4) Cooperate with the surface owner to remedy problems caused by oil and gas drilling & production activities. (5) Comply with changes and additions to the A.P.D. as recorded in the USGS, EA#395-81.

5. Unavoidable adverse effects:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental Impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to stormy wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultation:

Craig Hansen - USGS - Vernal, Utah

Mark Bolton & Dennis Heller - Exxon Corporation

Floyd Murray - D.E. Casada, Contractor

John Fausett - Contractor

Joe Pinnecoose & LeRoy Shing - Ute Tribe

Ray Springwater - BIA, Realty

R. Lynn Hall 4-23-81  
B.I.A. Representative

10. We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information 4-15-81, we have cleared the proposed location in the following areas of environmental impacts:

Yes  No  Listed threatened or endangered species

Yes  No  Critical wildlife habitat

Yes  No  Historical or cultural resources

Yes  No  Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes  No  Other (if necessary)

Remarks: \_\_\_\_\_

\_\_\_\_\_

The necessary surface protection and rehabilitation requirements are specified above.

R. Lynn Hall 4-23-81  
B.Y.A. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (c).

R.W. Callery  
Superintendent

Cody

FROM : DISTRICT GEOLOGIST E, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-H-13-2969OPERATOR: ExxonWELL NO. 1LOCATION: SE 1/4 SW 1/4 NE 1/4 sec. 26, T. 2S, R. 1E, USMUintah County, Utah

## 1. Stratigraphy: (Approximate tops only)

Duchesne River	surface
Uintah	2500'
Green River	5400'
Green River "D"	7460'
Wasatch-X	8510'
<u>T.D</u>	<u>12,500'</u>

## 2. Fresh Water:

Fresh water may be present in the Duchesne River and in the Uintah.

## 3. Leasable Minerals:

Oil shale: Green River. The Mahogany zone is not present this far north in the basin.

Oil (Gas): Green River, Wasatch

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected.

## 6. References and Remarks:

Signature: Gregory W. WoodDate: 4-7-81

Exxon Corporation  
 #1 Josephine McCook - Ute Tribal Unit  
 2309' FNL & 1899' FEL of Section 26, T2S, R1E  
 Lease No. 14-20-H-62-2969  
 Uintah County, Utah

1. The geologic name of the surface formation: Duchesne River (Tertiary)
2. The estimated top of important geological markers:
 

Duchesne River	Surface
Uinta	2500'
Green River	5400'
Green River "D"	7460'
Wasatch-X	8510'
3. The estimated depths at which anticipated water, oil gas or other mineral-bearing formations are expected to be encountered:
 

Fresh Water	Surface to 2500'
Oil and Gas	5400' to 12,500'

4. Proposed casing program:

<u>String</u>	<u>Depth Interval</u>	<u>Size</u>	<u>Weight/Grade</u>	<u>Condition</u>
Conductor	0-40'	20"	94#/H-40/STC ERW	New or Used
Surface	0-2660'	9-5/8"	36#/K-55/BUT	New or Used
Production	0-9900'	7"	26#/NKT-95/LTC	New or Used
			23#/N-80/LTC	New or Used
			23#/NKT-95/LTC	New or Used
Liner	9500-12,500'	4-1/2"	15.10#/NKT-95/LTC	New or Used

5. Minimum specifications for pressure control equipment:

- a.) Wellhead: Sweet Oil and Gas
  - "A" Section: 9-5/8" x 10" (5,000psi)
  - Tubinghead: 10" (5,000psi) x 7-1/16" (10,000psi)
  - Tubinghead Adapter: 7-1/16" (10,000psi) x 2-1/2" x 2" (10,000psi)
  - Tree: Dual 2-1/2" x 2" (10,000psi)
- b.) Blowout Preventers: Refer to Attached drawing "Type V "Diverter - to be installed on 20" conductor casing; Attached drawing "Type II-C" 3000psi BOP - to be installed on 9-5/8" surface casing; Attached drawing "Type III-A" 5000psi BOP - to be installed on 7" production casing.
- c.) BOP Control Unit: Unit will be hydraulically operated and have two control stations.
- d.) Testing: When installed on 9-5/8" surface casing, the BOP stack (Type II-C) will be tested to a low pressure (200-300psi) and to 3000psi. When installed on 7" production casing, the BOP stack (Type III-A) will be tested to a low pressure (200-300psi) and to 5000 psi. At approximately 1 week intervals, the BOP stack will be tested to 70% of rated working pressure. An operational test of blowout preventers will be performed each round trip (but not more than once a day).

6. Type and anticipated characteristics of drilling fluid:

<u>Depth Interval</u>	<u>Mud Type</u>
0-2600'	Fresh Water Spud Mud
2600-9900'	8.8 - 9.4 ppg Fresh Water Mud
9900-12,500'	9.4 - 15 ppg Fresh Water Mud

Mud weight will be maintained at minimum levels, depending on operational conditions. Not less than 200 barrels of fluid will be maintained in the pits. At least 200 sacks barite will be maintained on location.

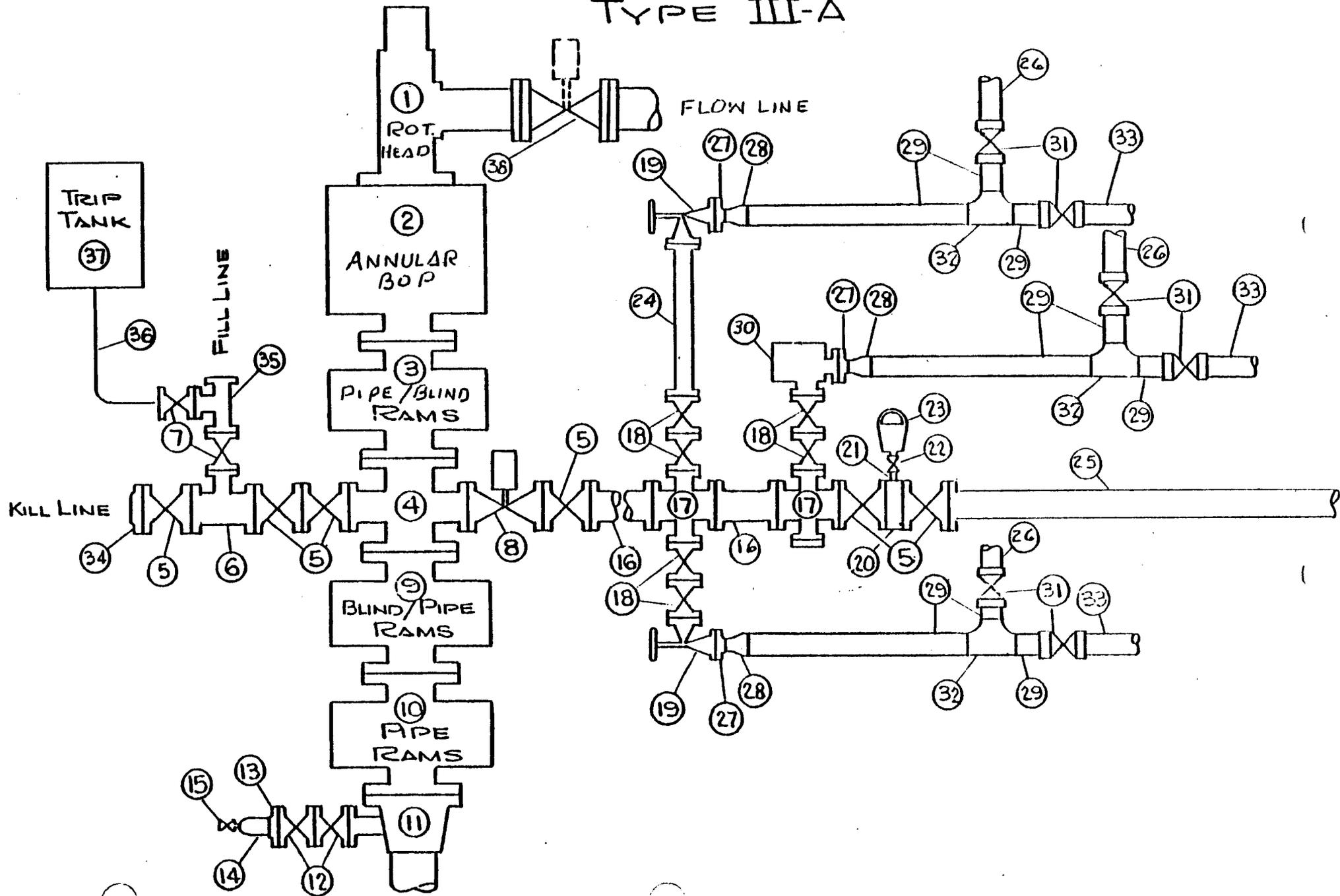
7. Auxiliary Control Equipment:
  - a.) Kelly Cocks: Upper and lower instilled on kelly.
  - b.) Safety Valve: Full opening ball type to fit each type and size of drill pipe in use will be available on rig floor at all times, in open position for stabbing into drill pipe when kelly is not in the string.
  - c.) Trip tank to insure that hole is full and takes proper amount of fluid on trips.
  
8. Testing, Logging, and Completion Programs:
  - a.) Logging: DIL, FBC-CNL-GR, and Frac Finder. Mud logger from approximately 5000' to TD.
  - b.) No coring or DST's are planned.
  - c.) Completion - Formation: Green River "D"  
Proposed Completion Procedure: Acid frac with 15% HCl.
  - d.) Production method: Hydraulic pump through 2-1/16" tubing.
  
9. Pressure greater than 10 ppg mud weight is expected below 10,000'. No H<sub>2</sub>S has been found in offset wells, and none is anticipated in this well.
  
10. Starting date of drilling operations will depend on rig availability. Subject to rig availability, we anticipate that drilling operations will begin about Dec. 7, 1981 and be finished by February 17, 1982.

MAM/me

# MIDLAND DRILLING ORGANIZATION

## BLOWOUT PREVENTER SPECIFICATION

### TYPE III-A



BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

TYPE III-A

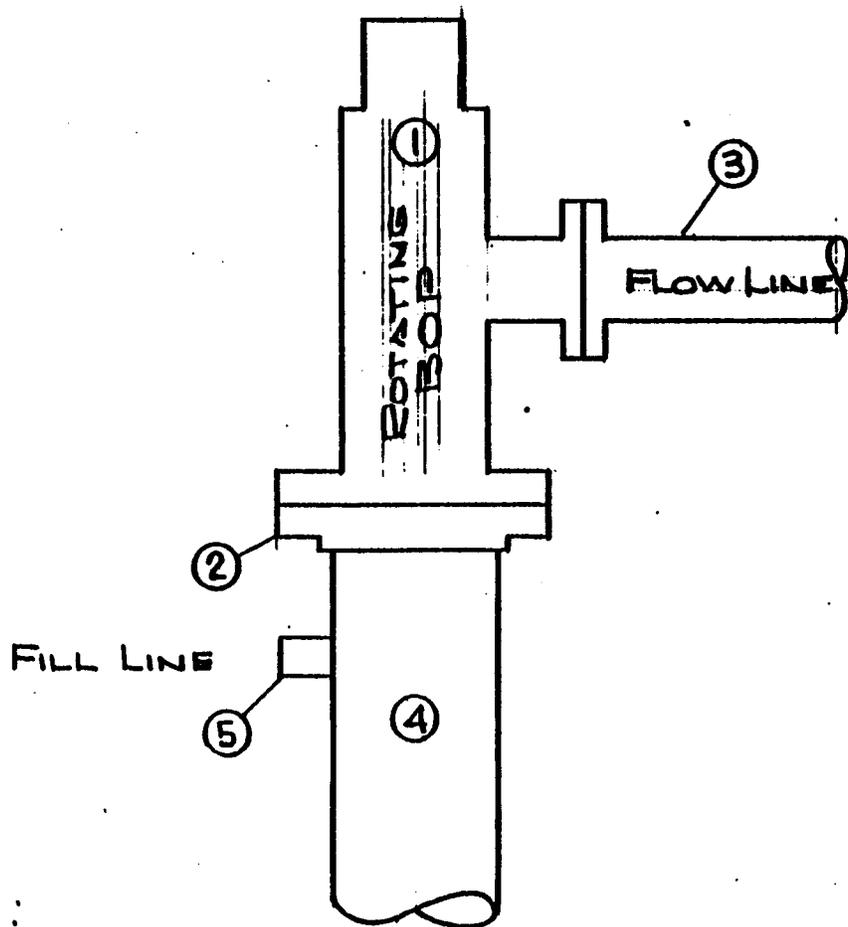
All equipment shall be at least 5,000 psi WP or higher unless otherwise specified.

1. Rotating type BOP, 3,000 psi minimum WP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with a tapered string. Use blind rams when drilling with a tapered string and formation is overbalanced.
4. Flanged spool with two 4-inch side outlets.
5. 4-inch flanged plug or gate valve.
6. 4-inch flanged tee.
7. 4-inch flanged plug or gate valve.
8. 4-inch flanged pressure operated gate valve.
9. Ram type pressure operated preventer with blind rams. Use small size pipe rams when drilling with a tapered drill string.
10. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with tapered string.
11. Flanged type casing head (furnished by Exxon).
12. 2-inch flanged plug or gate valves (furnished by Exxon).
13. 2-inch threaded flange (furnished by Exxon).
14. 2-inch tapped bull plug (furnished by Exxon).
15. Needle valve (furnished by Exxon).
16. 4-inch flanged spacer spool.
17. 4-inch by 2-inch flanged cross.
18. 2-inch flanged plug or gate valve.
19. 2-inch flanged adjustable choke. Replace with flanged 2-inch tee if a remote controlled choke is installed downstream.
20. 4-inch x 4-inch spacer flange w/1-inch tap.
21. 1-inch x 4-inch XXH nipple.
22. 1-inch valve.
23. Cameron (or equal.) 0-6000 psi gage.
24. 2-inch flanged spacer spool.
25. 6-inch or 4-inch pipe, 300' to pit, anchored.
26. 2-1/2-inch line to separator.
27. 2-inch weld neck flange.
28. 2-1/2-inch x 2-inch sch. 80 concentric weld reducer.
29. 2-1/2-inch pipe.
30. Pressure operated adjustable choke (furnished by Exxon).
31. 2-1/2-inch S.E. gate valve.
32. 2-1/2-inch tee.
33. 2-1/2-inch pipe, 300' to pit, anchored.
34. 2-inch threaded flange (EUE) or weld neck flange w/Weco Fig. 1502 2" 15,000 psi free flow buttress weld wing union.
35. 4-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 6-inch 3,000 psi minimum WP manual or pressure operated gate valve.

**NOTES:**

1. Items 9 and 10 may be replaced with double ram type preventer. Any side outlets shall be double valved or blind flanged.
2. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable.
3. The two valves next to the stack on the kill and fill line to be closed unless string is being pulled.
4. Kill line is for emergency use only. This connection shall not be used for filling.
5. Replacement rams for each size drill pipe in use and blind rams shall be on location at all times.

MIDLAND DRILLING ORGANIZATION  
BLOWOUT PREVENTER SPECIFICATION  
TYPE V

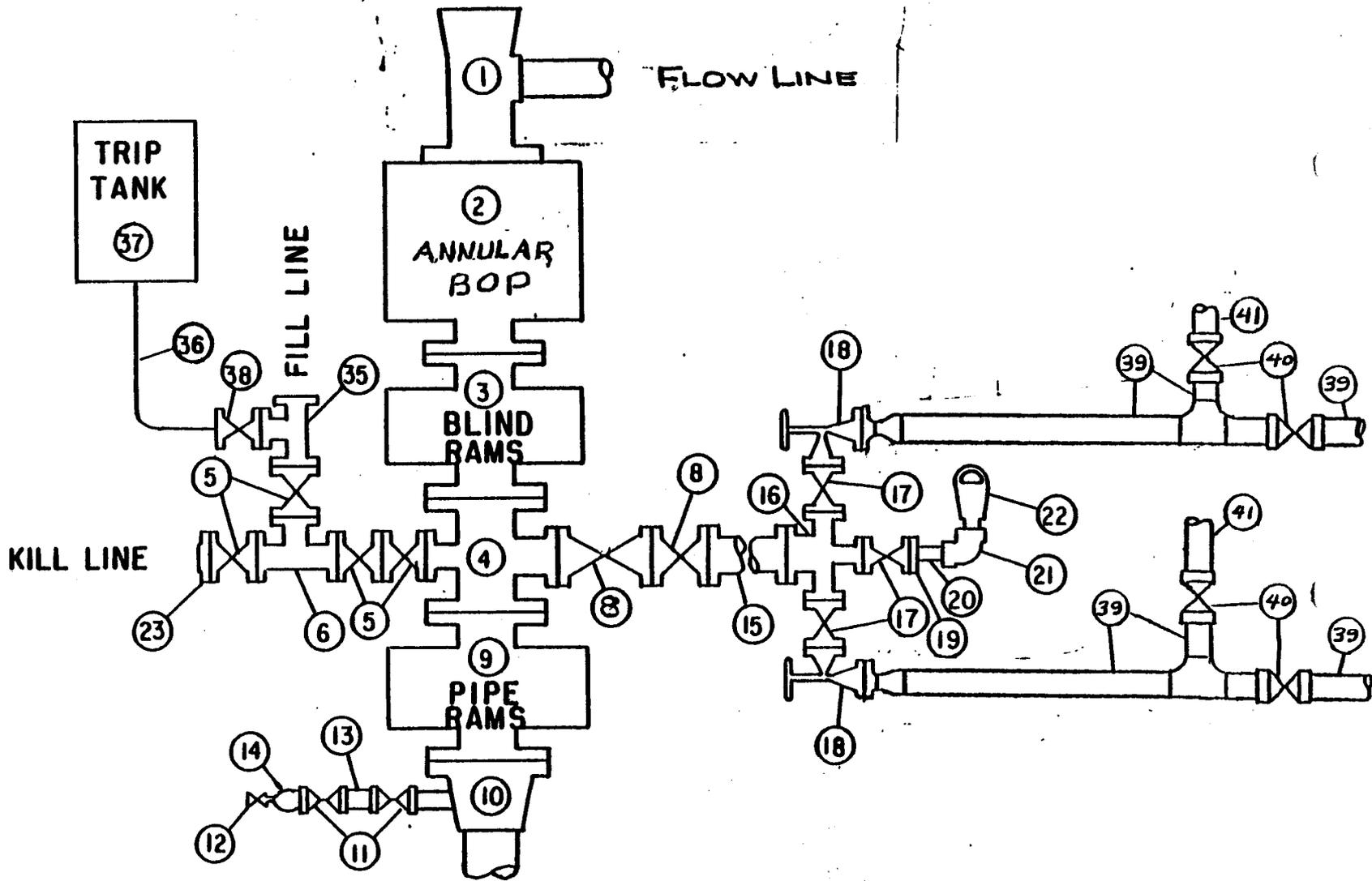


EQUIPMENT FOR FLOW DIVERSION

- 1. ROTATING TYPE BOP
- 2. SLIP-ON OR THREADED FLANGE
- 3. FLOWLINE
- 4. CONDUCTOR PIPE
- 5. COUPLING WELDED TO CONDUCTOR

71-1

MIDLAND DRILLING ORGANIZATION  
BLOWOUT PREVENTER SPECIFICATION  
TYPE II - C



I-10

9/15/73

BLOWOUT PREVENTER SPECIFICATION  
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
  
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).  
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
  
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets - between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

SURFACE USE PLAN

Exxon Corporation

Ute Tribal Unit #1 - 2411' FSL & 1511' FEL Section 15, T2S, R1E

Ute Tribal Unit C #1 - 2487' FSL & 1877' FWL Section 22, T2S, R1E

Joan Noble - Ute Tribal Unit #1 - 1568' FNL & 1579' FEL Section 23,  
T2S, R1E

Ute Tribal Unit D #1 - 1964' FSL & 2003' FWL Section 27, T2S, R1E

Josephine McCook - Ute Tribal Unit #1 - 2309' FNL & 1899' FEL  
Section 26, T2S, R1E

Uintah County, Utah

1. EXISTING ROADS - Area map Exhibit "A" is a composite of "Fort Duchesne" and "Roosevelt" USGS Quadrangle maps.
  - A. Exhibit "A" shows the proposed well site as staked.
  - B. All locations are shown on Exhibit "A" in relation to Fort Duchesne, Utah.
  - C. As shown on Exhibit "A", the following new roads will be built:
    - Ute Tribal Unit #1 - will require a road turnoff and less than 100' of new road.
    - Ute Tribal Unit C #1 - will require 200' of new road and upgrade existing gravel road as required.
    - Joan Noble - Ute Tribal Unit #1 - will require 200' of new road and 1320' of improved and widened existing road.
    - Ute Tribal Unit D #1 - will require 1500' of new road.
    - Josephine McCook - Ute Tribal Unit #1 - will require 500' of new road.
  - D. Existing roads within a one-mile radius are shown on Exhibit "A".
  - E. These are development wells.
  - F. Existing roads will be improved as required and as follows:
    - Joan Noble - Ute Tribal Unit #1 - 1500' of existing road will be widened to 18' and raised up to 24" and the existing fence to the east of the present road relocated and rebuilt just east of the widened road.
    - Ute Tribal Unit C #1 - Existing road will be widened and graveled as required.

2. PLANNED ACCESS ROADS -

- A. Access roads will be a minimum of 16' wide.
- B. Maximum grade will be less than 8%.
- C. No turnout are required.
- D. Drainage structures and ditches will be installed where necessary to properly drain the location and road and accomodate existing irrigation systems as follows:

Joan Noble - Ute Tribal Unit #1 - the head ditch north of the location will remain and ditches constructed around the pad to carry irrigation water, as needed.

- E. Culverts are required as follows:

Joan Noble - Ute Tribal Unit #1 - requires one 24" X 60' culvert to be installed where the road crosses an irrigation ditch. The culvert at the road turnoff from U.S. 40 will be extended as needed.

Josephine McCook - Ute Tribal Unit #1 - requires one 18" culvert to be installed where the road crosses an irrigation ditch.

Culverts carrying irrigation water will have guards constructed at the ends to prevent damage by trucks.

- F. No significant cuts or fills are required.
- G. Surface material will be gravel obtained commercially where required.
- H. Fence cuts and cattleguards:

Ute Tribal Unit #1 - will require a fence cut, and the location be fenced around.

Joan Noble - Ute Tribal Unit #1 - location and access roads will be fenced and two gate will be constructed to access the SE NE and SW NE 40 acre tracts pf Section 23, T23S, R2E.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS -

- 1) Water Wells - None.
- 2) Abandoned Wells - None.
- 3) Temporarily Abandoned Wells - None.
- 4) Disposal Wells - None.
- 5) Drilling Wells - None.
- 6) Producing Wells - See Exhibit "A".
- 7) Shut-In Wells - None.

8) Injection Wells - None.

9) Monitoring or Observation Wells for Other Resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES -

A. Exxon does not own or control any existing production facilities within a one-mile radius of the proposed locations.

B. Proposed location of facilities is shown on Exhibit "B" or Exhibit "C" and are on the drillsite location.

C. Ute Tribal Unit C #1 and Ute Tribal Unit D #1 - location in residential or recreational areas will have 6 foot chain link fences around the production equipment.

The remaining locations will have barbed wire cattle fencing around the equipment or location.

D. Disturbed areas not needed for operations will be rehabilitated.

E. Fire walls and dikes will be constructed as needed to protect irrigation and drainage systems.

F. Electric powered pumps and other equipment will be used to minimize noise in residential and recreational areas. This pertains to production operations only.

G. Tanks and other equipment will be painted so as to conform to the colors in the natural environment.

5. WATER SUPPLY -

A. Water will be obtained by either purchasing water from the Ute Tribe or other owner, or by drilling a water well on the location, as shown on Exhibit "B".

B. Water transported from an irrigation channel or stream will be piped in pipe laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIALS -

Gravel will be obtained by the dirt contractor and hauled over the access roads.

Borrow Areas for the Ute Tribal Unit C #1, Ute Tribal Unit D #1 and the Ute Tribal Unit #1 will be adjacent to the drillsite to provide material for tank grade construction if needed as shown on Exhibit "B".

7. WASTE DISPOSAL -

- A. Drill cuttings will be disposed of in the reserve pit.
- B. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for backfilling. (In the event of a dry hole, pumpable liquid on the surface of the pit will be injected into the well to shorten the pit-drying period.)
- C. Water produced during tests will be disposed of in the reserve pit. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from site.
- D. Sewage from trailer houses will drain into holes at least 10' deep, which will be kept covered until backfilled. An outdoor toilet will be provided for rig crews; this area will be backfilled during cleanup after rig moveout.
- E. Trash, waste paper and garbage will be contained in a trash pit fenced with a small mesh wire to prevent wind-scattering during collection and burned; this pit is shown on the rig layout. Residue in the pit at completion of operations will be buried either within the pit or the reserve pit by at least 24" of cover.
- F. When rig moves out, all trash and debris left at site will be contained to prevent scattering and will be either burned in trash pit or buried at least 24" deep within 30 days unless ground freeze prevents burial.

8. ANCILLARY FACILITIES - No camp, airstrips, et cetera, will be constructed.

9. WELLSITE LAYOUT -

- A. Exhibit "B" (Scale 1" - 50') shows proposed wellsite layout.
- B. This Exhibit indicates proposed location of mud, reserve, burn and trash pits; pipe rack and other major rig components; living facilities; soil stockpile; parking area; and turn-in from access road.
- C. Mud pits in the active circulating system will be steel pits, and the reserve pit is proposed to be unlined unless subsurface conditions encountered during pit construction indicate that lining is needed for lateral containment of fluids.
- D. The location of proposed completion equipment is shown on Exhibit "B".

10. RESTORATION OF SURFACE -

- A. Upon completion of the operation and burial of any trash and debris as discussed earlier, pits will be backfilled and leveled or contoured as soon as practical after drying-time. Drillsite surface will be reshaped to combat erosion, and stockpiled topsoil will be distributed to extent available. Prior to leaving the drillsite upon rig move-out, any pit that is to remain open for drying will be fenced and so maintained until backfilled and reshaped.

- B. Exxon will rehabilitate road as per BIA recommendations.
  - C. Revegetation of the drill pad will comply with USGS-BIA specifications.
  - D. Any oil on pits will be removed or otherwise disposed of to USGS-BIA approval.
  - E. Rehabilitation operations will start in the Spring after completion and be completed in the Fall to BIA specifications.
11. OTHER INFORMATION - Topography is generally flat with few small hills in the Uinta River Basin. The soil varies from gravel and cobbles on the Ute Tribal Unit D #1, Ute Tribal Unit C #1, Ute Tribal Unit #1, and Ute Tribal Unit B #1 to sandy clay and silt on the other locations. Surface useage is grazing and recreation on Ute Tribal Unit D #1 and Ute Tribal Unit C #1, grazing on Ute Tribal Unit #1, Ute Tribal Unit B #1 and Josephine McCook - Ute Tribal Unit #1. Location of Joan Noble - Ute Tribal Unit #1 is in irrigated fields. Residences, recreational areas and the BIA office are all in the area and the well locations have been chosen to minimize the effect on these facilities. There are no known archeological, historical or cultural sites in the area. The Joan Noble - Ute Tribal Unit #1 is in an area where the surface has been previously disturbed by either cultivated fields, and no archeological survey will be submitted. An archeological survey will be submitted for Ute Tribal Unit #1, Ute Tribal Unit C #1, Josephine McCook - Ute Tribal Unit #1 and Ute Tribal Unit D #1. Surface ownership is the Ute Tribe.
12. OPERATOR'S REPRESENTATIVE - Exxon's field representative for contact regarding compliance with the Surface Use Plan is
- H. G. Davidson  
P. O. Box 1600  
Midland, Texas 79702  
Office Phone: 915-685-9355  
Home Phone: 915-694-5324
13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. A copy of this plan will be posted at the wellsite during the drilling of the well for reference by all contractors and subcontractors.

Date March 26, 1981

  
H. G. Davidson  
Division Drilling Manager

For on-site inspection, Contact:

Melba Knipling - 915-683-0624

C-2047

R. 1 E

# EXXON COMPANY USA

## EXHIBIT "A"

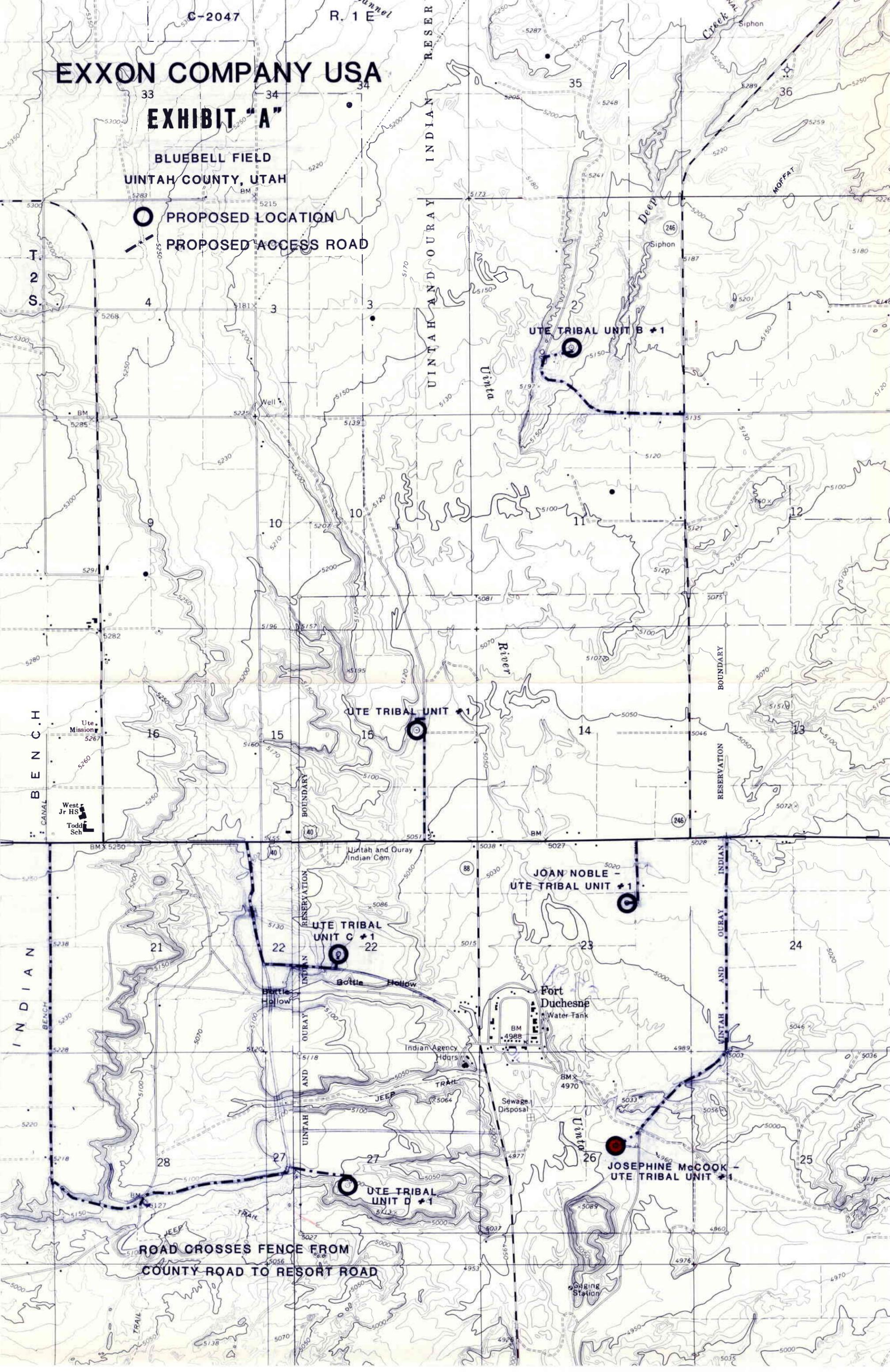
BLUEBELL FIELD  
UINTAH COUNTY, UTAH



PROPOSED LOCATION



PROPOSED ACCESS ROAD



T  
2  
S

B  
E  
N  
C  
H

I  
N  
D  
I  
A  
N

ROAD CROSSES FENCE FROM  
COUNTY ROAD TO RESORT ROAD





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

January 5, 1982

Exxon Corporation  
P. O. Box 1600  
Midland, Texas 79702

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

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

Cari Furse  
Clerk Typist

Well No. Ute Tribal Unit "C" #1  
Sec. 22, T. 2S, R. 1E  
Uintah County, Utah

Well No. Walker Hollow Unit #65  
Sec. 8, T. 7S, R. 24E  
Uintah County, Utah

Well No. Walker Hollow Unit #62  
Sec. 10, T. 7S, R. 23E  
Uintah County, Utah

Well No. Ute Tribal Unit "D" #1  
Sec. 27, T. 2S, R. 1E  
Uintah County, Utah

Well No. Josephine McCook Tribal #1  
Sec. 26, T. 2S, R. 1E  
Uintah County, Utah

Well No. Joan Noble Tribal #1  
Sec. 23, T. 2S, R. 1E  
Uintah County, Utah



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

January 5, 1982

Exxon Corporation  
P. O. Box 1600  
Midland, Texas 79702

RECEIVED  
FEB 02 1982

Re: See attached

DIVISION OF  
OIL, GAS & MINING

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Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

*Orig: Central File  
C: Proration Specialist*

Well No. Ute Tribal Unit "C" #1  
Sec. 22, T. 2S, R. 1E  
Uintah County, Utah

*will not be drilled.*

Well No. Walker Hollow Unit #65  
Sec. 8, T. 7S, R. 24E  
Uintah County, Utah

*SI for evaluation.*

~~Well No. Walker Hollow Unit #62  
Sec. 10, T. 7S, R. 23E  
Uintah County, Utah~~

Well No. Ute Tribal Unit "D" #1  
Sec. 27, T. 2S, R. 1E  
Uintah County, Utah

*will not be drilled*

Well No. Josephine McCook Tribal #1  
Sec. 26, T. 2S, R. 1E  
Uintah County, Utah

*Application was withdrawn 8-14-82  
notification sent to D. S G S and State  
of Utah. Ute Tribal Unit #1 was  
replacement*

Well No. Joan Noble Tribal #1  
Sec. 23, T. 2S, R. 1E  
Uintah County, Utah

*Will not be drilled.*

*2/2/82*