

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

3. NAME OF OPERATOR

Mobil Oil Corporation

4. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas 79701

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

At surface 660' PSL & 1980' FWL Sec. 9, T26N, R18W

At proposed prod. zone

Same as surface

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, ETC. (Also to nearest Grd. rail line, if any) 660

8. NO. OF ACRES IN LEASE

2240

9. NO. OF ACRES ASSIGNED TO THIS WELL

160

10. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, ETC. 1320

11. PROPOSED DEPTH

6500

12. ROTARY OR CABLE TOOLS

Rotary

13. ELEVATIONS (Show whether DE, RT, GR, etc.)

Furnished at later date

14. APPROX. DATE WORK WILL START*

March 22, 1974

22. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
20"	16"	65# H-40	100'	(1) Circulate to surface
14 3/4"	10 3/4"	41.5# J-55	1600'	(2) Circulate to surface
8 3/4"	7"	(22# J-55	0-3400')	
		-(24# Gr-C	3400-5000')	(3) 200 sacks
		(23# J-55	5000-6500')	

CEMENTING PROGRAM

- (1) Glass H neat with 2% CaCl₂
- (2) Glass H with 8% gel & 2% CaCl₂
- (3) Glass H with 7 1/2# salt/sx

BLOWOUT PREVENTER & MUD PROGRAMS ATTACHED

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

A. D. Bond

A. D. Bond

TITLE

Proration Staff Assistant

DATE

March 8, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

ma

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

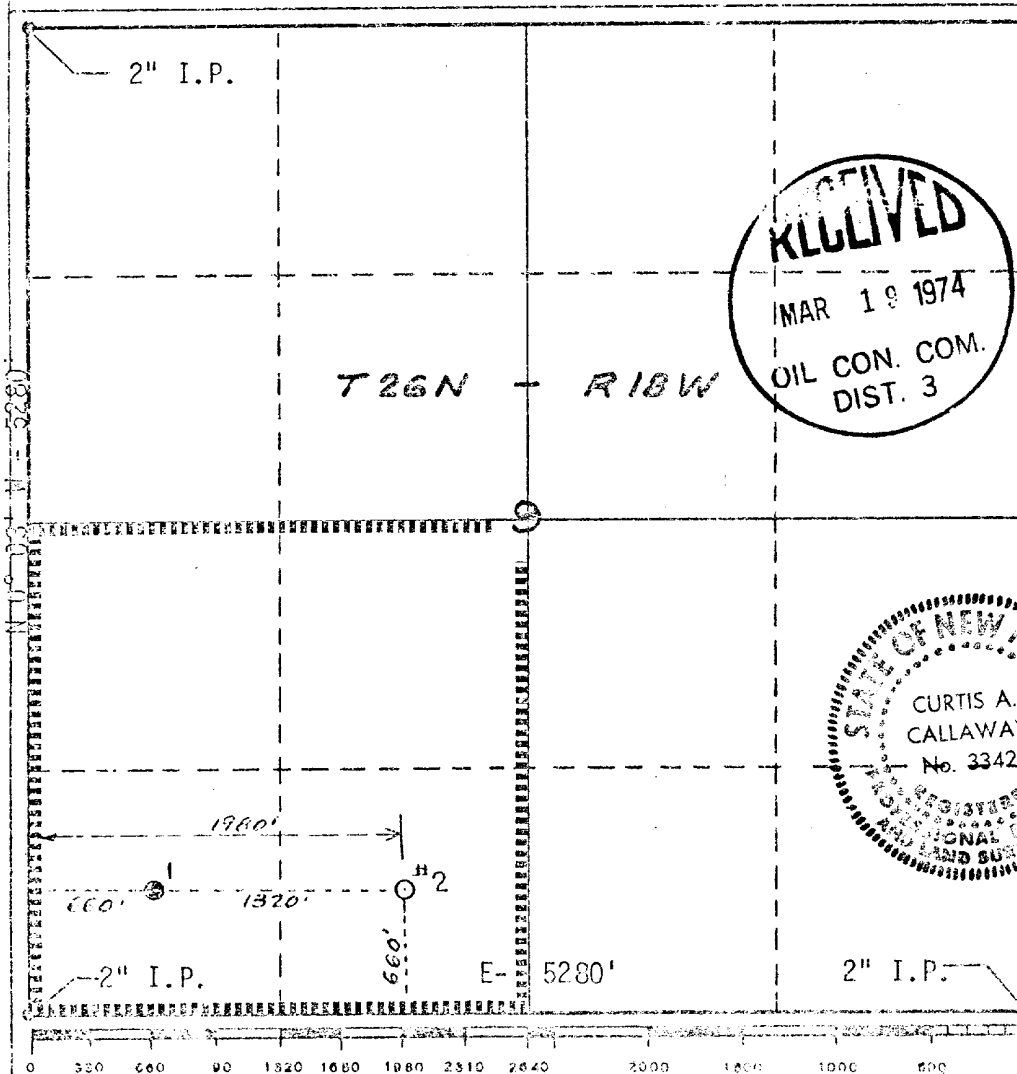
Lessor Mobil Oil Corporation			Lease Navajo		Well No. 2
Unit Letter N	Section 9	Township 26-N	Range 18-W	County San Juan	
Actual Well Location of Well:					
660' feet from the		South	1980' feet from the		West
Ground Level Elev. 5763'	Producing Formation Pennsylvanian		Pool Tecito Dome Penn "D"		Dedicated Acreage 160 <i>Joint</i> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A. D. Bond

Name
A. D. Bond

Position
Proration Staff Assistant

Company
Mobil Oil Corporation

Date
March 14, 1974

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Curtis A. Callaway

Date Surveyed
March 13, 1974

Registered Professional Engineer
and/or Land Surveyor

Curtis A. Callaway

Certificate No.
3342

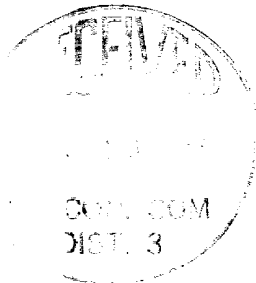
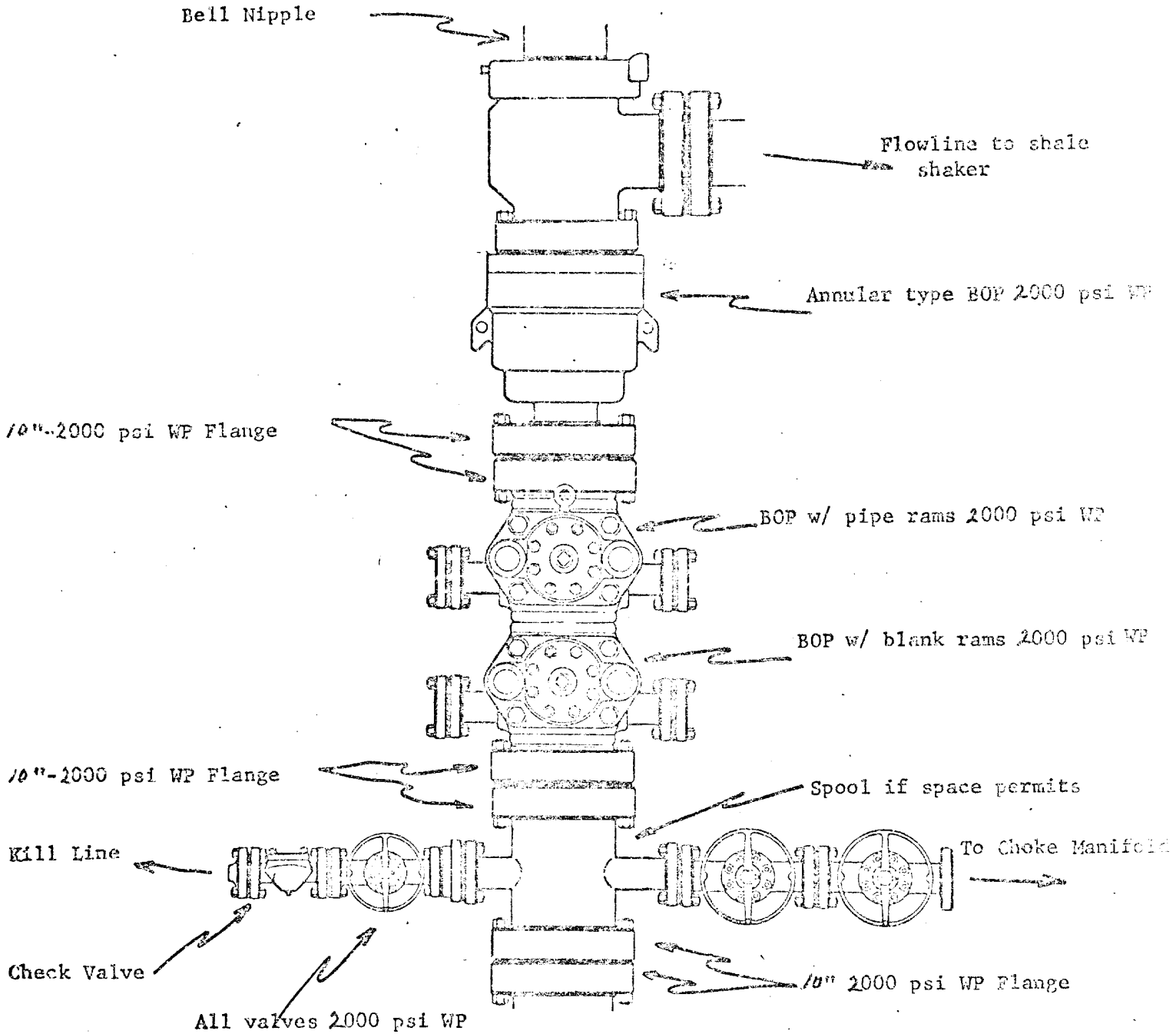
PROPOSED MUD PROGRAM
FOR
MOBIL OIL CORPORATION'S
HAVAJO, WELL #2
TOCITO DOME PENNSYLVANIAN "D" POOL
SAN JUAN COUNTY, NEW MEXICO

<u>Depth, Ft.</u>		<u>Type Mud</u>	<u>Weight</u>	<u>Viscosity</u>	<u>pH</u>	<u>Water Loss</u>
<u>From</u>	<u>To</u>					
0	1600	Spud mud	- no control -			
1600	6000	Fresh wtr. w/gel & L.C.M. as necessary	- no control -			
6000	T.D.	Fresh wtr low solids	8.8-9.2	33-40	9	20 cc



ADBond/mw
3/8/74

PROPOSED BOP STACK
10 3/4 " CASING

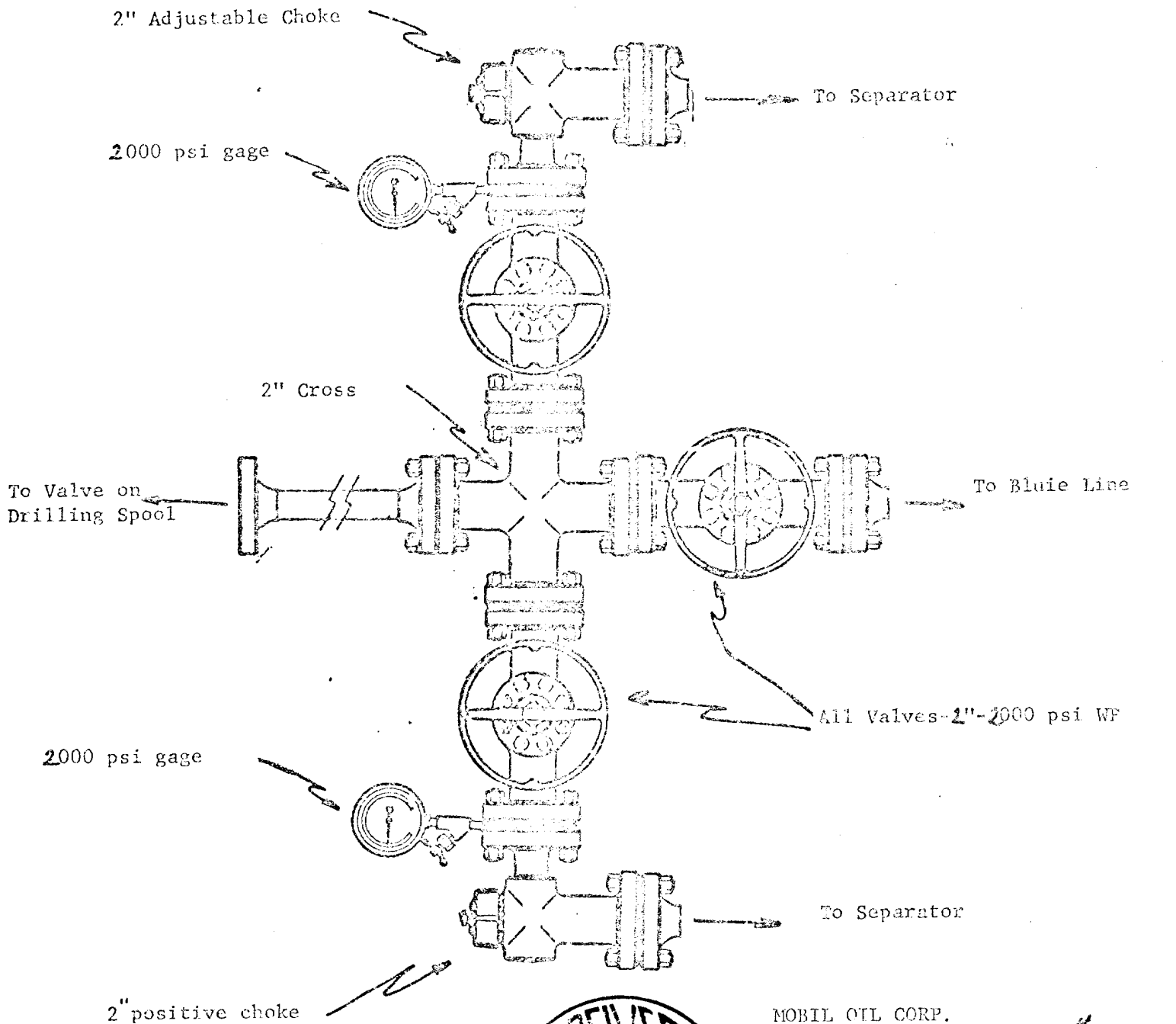


MOBIL OIL CORP.

WELL NAME & NO. Navajo #2

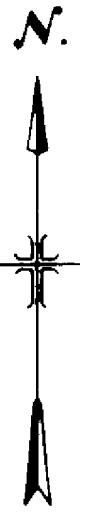
San Juan COUNTY, New Mexico

PROPOSED CHOKE MANIFOLD
(MINIMUM REQUIREMENTS)
10 3/4 " CASING STRING



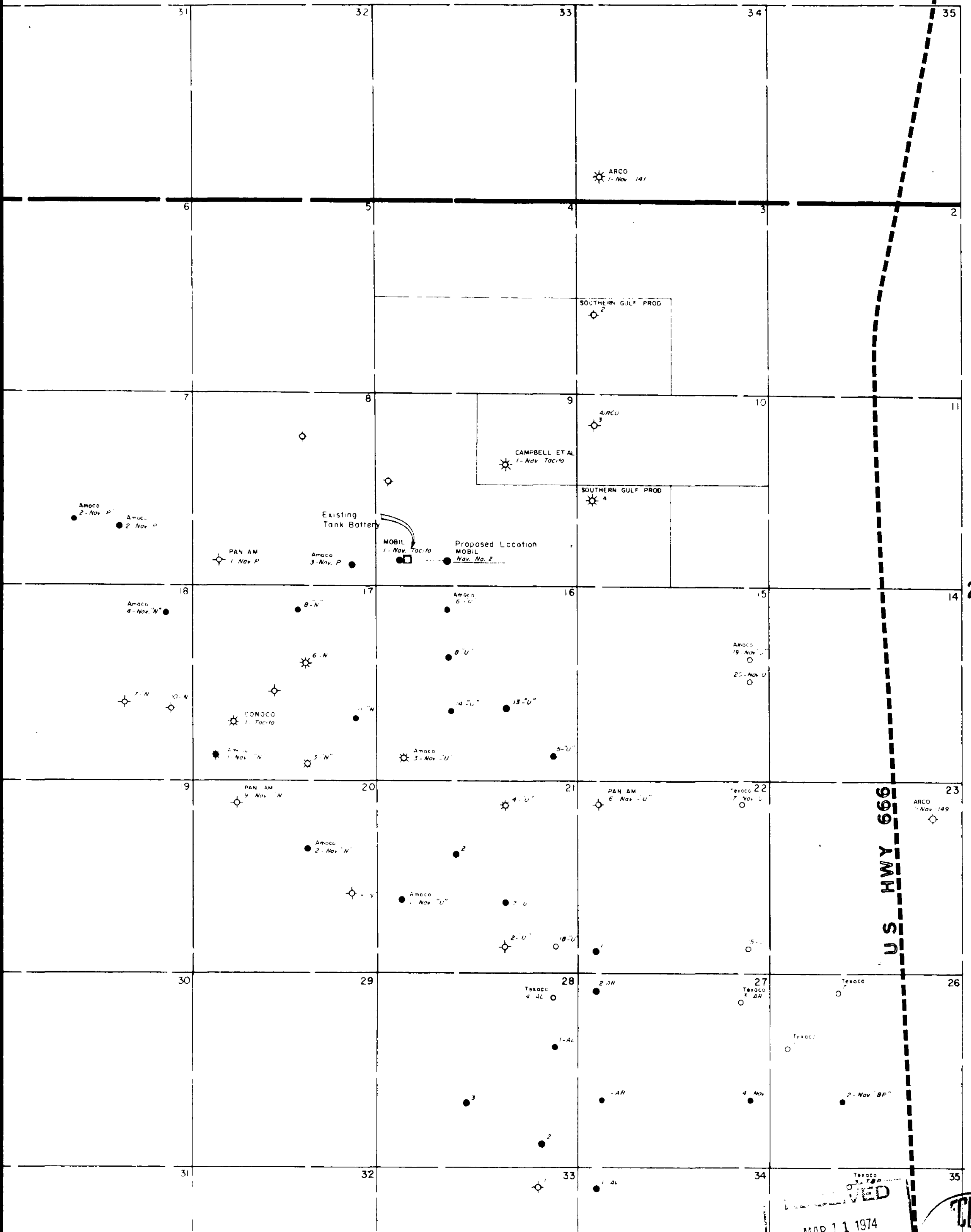
MOBIL OIL CORP.
WELL NAME & NO. Norje #2
San Juan COUNTY, New Mexico

R 18 W

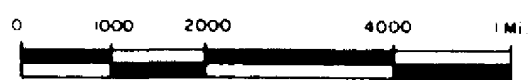


T 26 N

U S HWY 666



- LEGEND**
- OIL WELL
 - ☼ GAS WELL
 - ⊙ DRY HOLE
 - LOCATION



RECEIVED
MAR 11 1974
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

RECEIVED
MAR 19 1974
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

Mobil Oil Corporation
Midland Producing Area
Midland, Texas
TOCITO DOME
PENNSYLVANIAN "D" POOL
AREA MAP
SAN JUAN COUNTY, NEW MEXICO

Date: 3-8-74
Drawn: ECM
Checked: J. J.
Approved: [Signature]
Revised: [Signature]

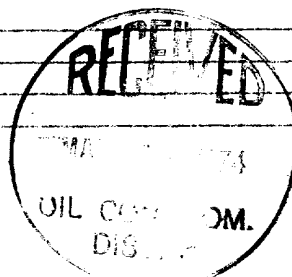
MOBIL OIL CORPORATION
P. O. Box 633
Midland, Texas 79701

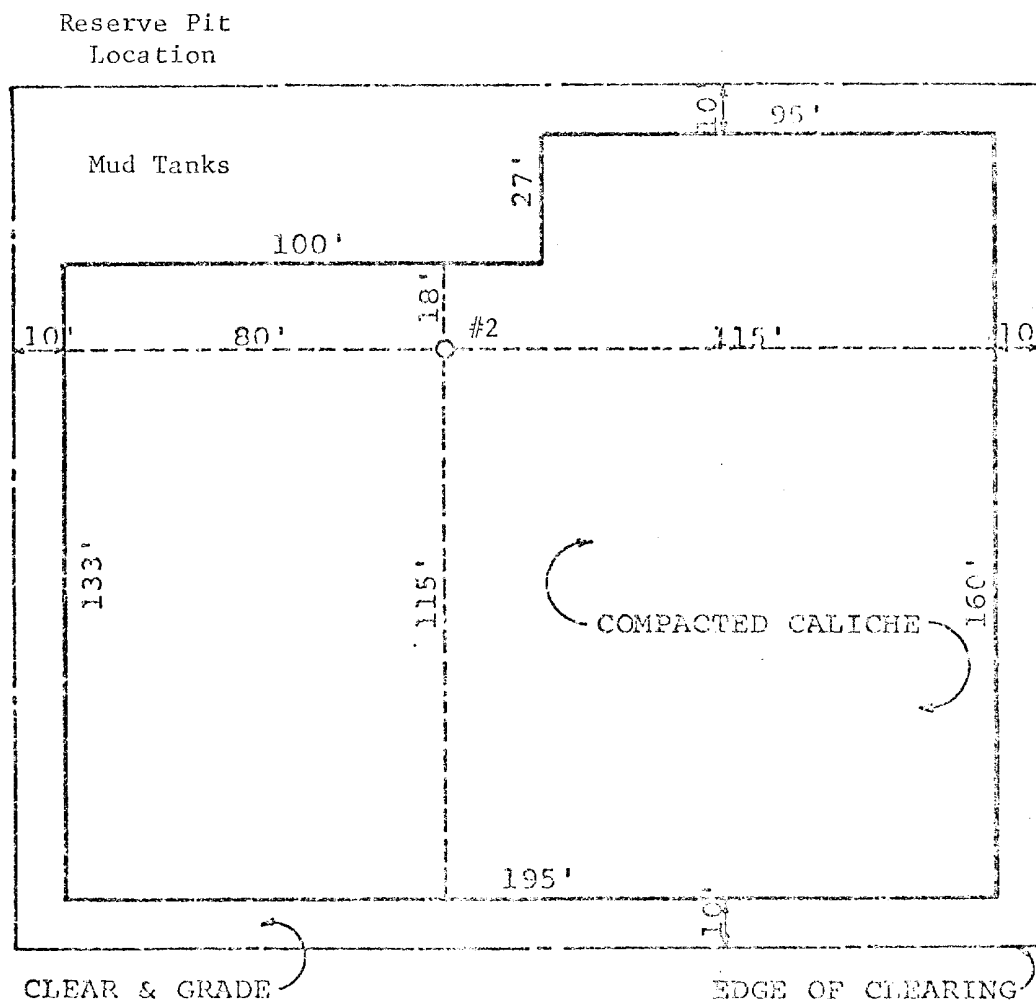
TWELVE-POINT SURFACE USE PLAN FOR
DRILLING OPERATIONS ON FEDERAL LEASES

Lease Name: Navajo Well No. 2
Well Location: 660' FSL & 1980' FWL, Sec. 9, T-26-N, R-18-W
Field: Tocito Dome
County: San Juan State: New Mexico

1. * Existing roads including location of the exit from the main highway.
2. * Planned access roads.
3. * Location of wells.
4. * Lateral roads to well location.
5. * Location of tank batteries and flow lines.
6. Location and types of water supply: Water will be trucked to well site
7. Methods for handling waste disposal: Waste will be burned, buried and/or hauled from the well site
8. Location of camps: None
9. Location of air strips: None
10. Location layout to include position of rig, mud tanks, reserve pits, burn pits, pipe racks, etc.: See attached diagram of proposed layout
11. Plans for restoration of the surface: Pits will be backfilled & leveled to original grade & left for return of natural vegetation. The caliche pad will be left in place for well servicing.
12. Any other information that may be used in evaluating the impact on environment: This well is in a semi-arid flat area. There is some relief to the south. The land is sandy and rocky with sparse native western grass.

* Shown on attached map.

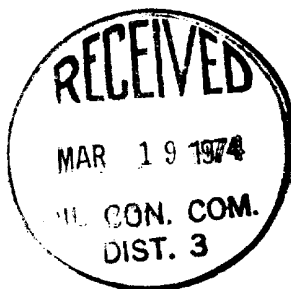




APPROXIMATELY 792 C.Y. CALICHE
REQUIRED FOR 6" COMPACTED PAD.

Well #2 Location

660' FSL & 1980' FWL
Sec. 9, T26N, R18W
San Juan Co., New Mexico



Navajo Lease, Well #2

NO.	DATE	BY	ALTERATION
STANDARD LOCATION PLAN 5000'-7000' DEEP WELLS ON STABLE SOIL			
MOBIL OIL CORPORATION MIDLAND, TEXAS			
DESIGNED BY	SCALE	DWG. NO.	
CHECKED	1" = 40'	A-322	