

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

(Other instructions on reverse side)

FORM approved.
Budget Bureau No. 42-R1425.

30-045-21873

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo - Contract No.

14-20-603-5019

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Tocito Dome Penn "D" *out*11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 9, T26N, R18W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas 79701

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

At surface

990' FSL & 1980' FWL, Sec. 9, T26N, R18W

At proposed prod. zone

Same as surface

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

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

16. NO. OF ACRES IN LEASE

2240

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

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

1360.6'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

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

5758' - Ground

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# - H-40	0 - 100'	(1) Circulate to surface
12-1/4"	9-5/8"	32.30# - H-40	0 - 1600'	(2) Circulate to surface
8-3/4"	7"	20# - K-55	0 - 4500'	(3) 200 Sacks
		23# - K-55	4500 - 6500'	

CEMENTING PROGRAM:

- (1) Class H Neat with 2% CaCl₂
- (2) Class H with 8% gel & 2% CaCl₂ & Tail in with Class H Neat with 2% CaCl₂
- (3) Class H with 7% Salt/sx.

BLOWOUT PREVENTER AND MUD PROGRAM ATTACHED

RECEIVED

AUG 28 1975

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

August 26, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Ok

*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.

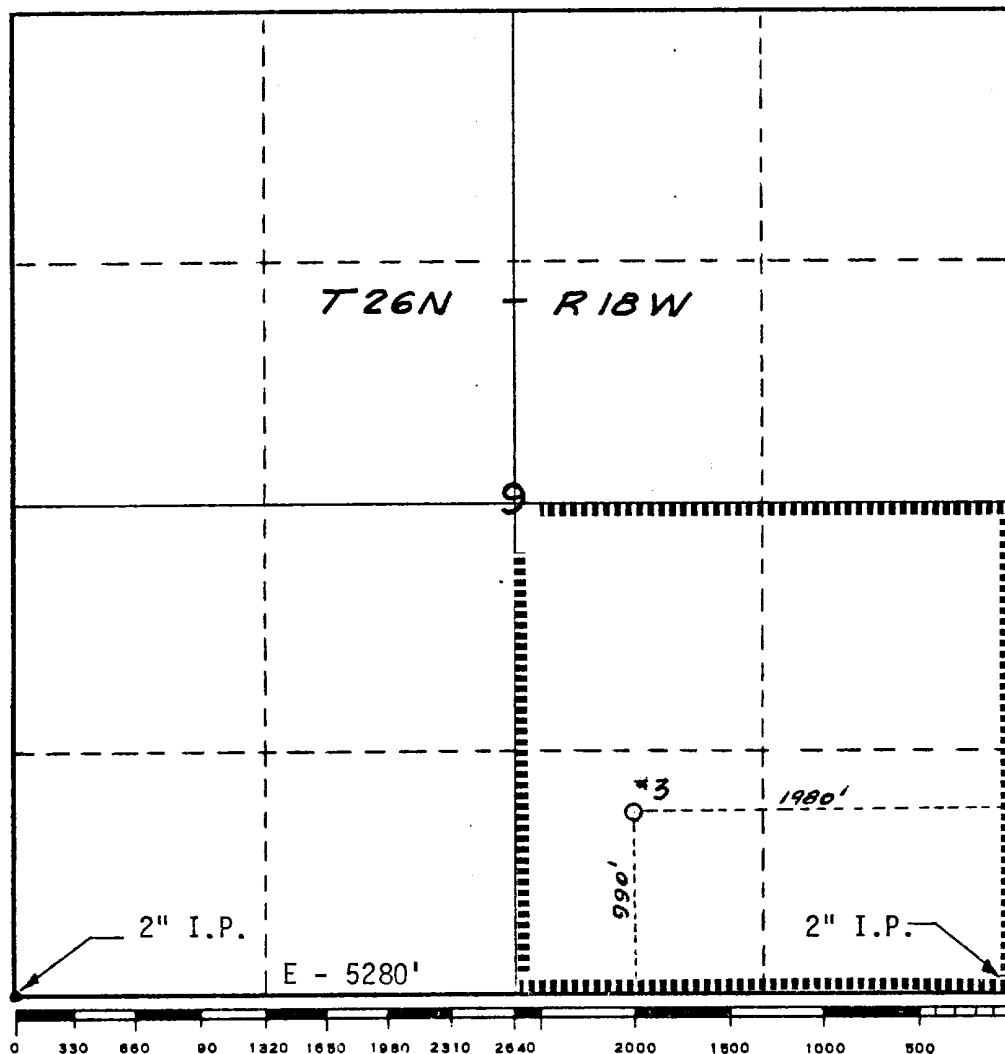
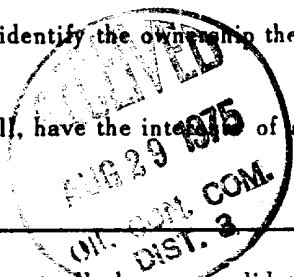
Operator Mobil Oil Corporation			Lease Navajo		Well No. 3
Unit Letter 0	Section 9	Township 26N	Range 18W	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 5758'	Producing Formation Pennsylvanian	Pool Tocito Dome Penn "D" exX		Dedicated Acreage: 160 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

August 26, 1975

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.

H. A. Carson, Jr.

Date Surveyed

August 22, 1975

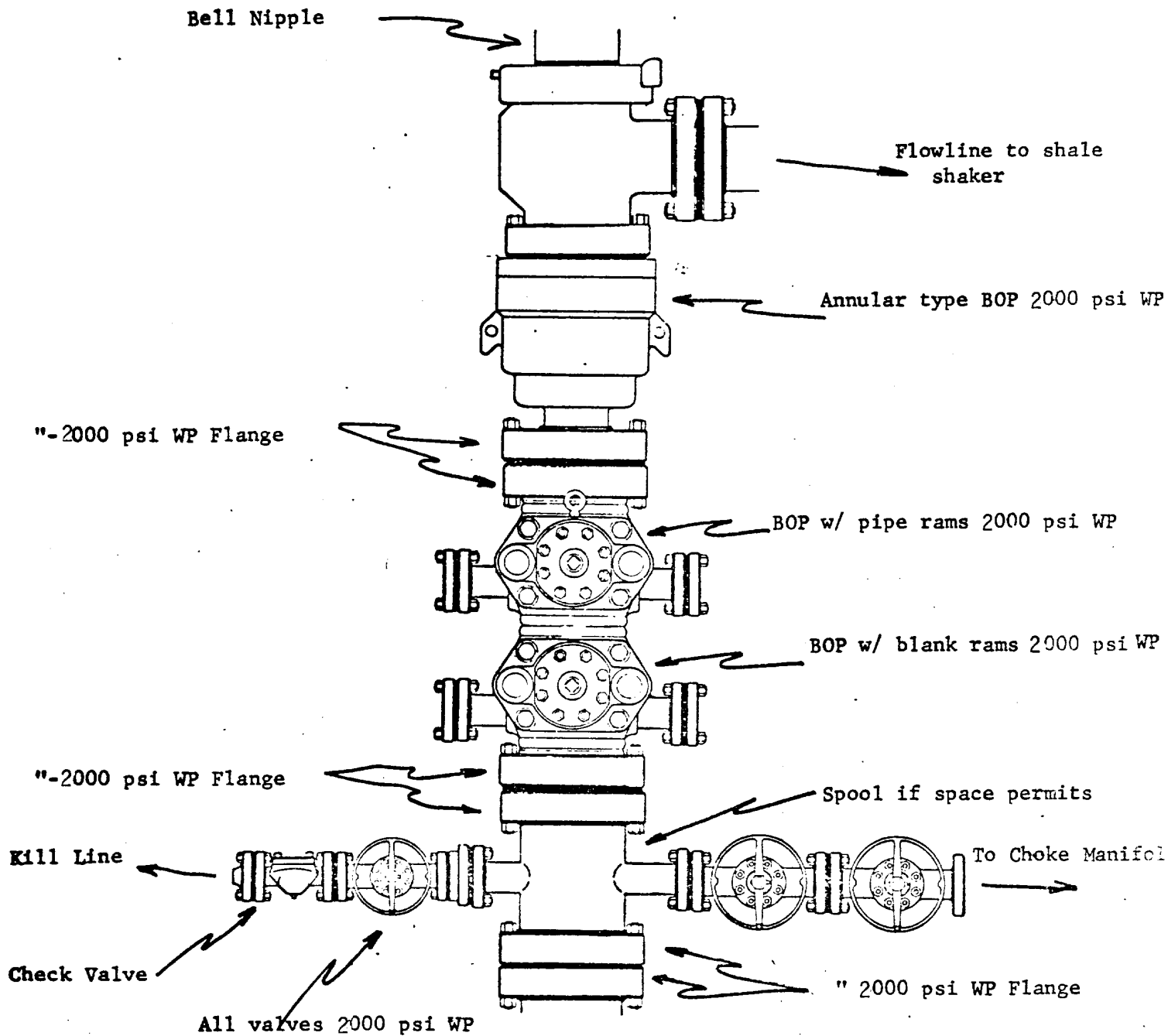
Registered Professional Engineer and/or Land Surveyor

H. A. Carson, Jr.

Certificate No.

5063

PROPOSED BOP STACK
9-5/8 " CASING



MOBIL OIL CORP.

WELL NAME & NO. Navajo, Well #3

San Juan COUNTY, New Mexico

AK

PROPOSED CHOKE MANIFOLD
(MINIMUM REQUIREMENTS)
9-5/8 " CASING STRING

2" Adjustable Choke

To Separator

2000 psi gage

2" Cross

To Blue Line

To Valve on
Drilling Spool

All Valves-2" - 2000 psi WP

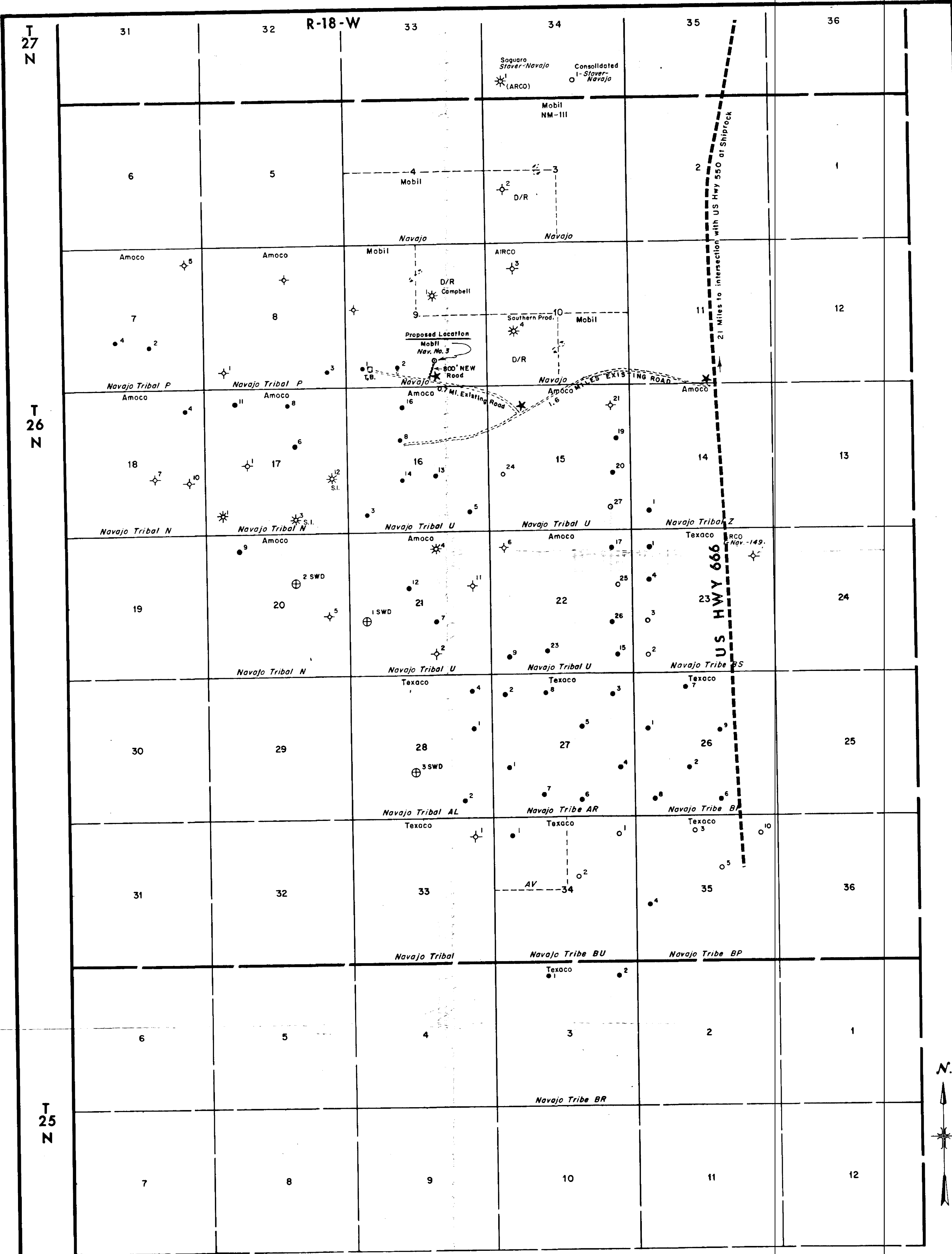
2" Positive Choke

To Separator

MOBIL OIL CORP.
WELL NAME & NO. Navajo, Well #3
San Juan COUNTY, New Mexico

PROPOSED MUD PROGRAM
FOR
MOBIL OIL CORPORATION'S
NAVAJO, WELL #3
TOCITO DOME PENNSYLVANIAN "D" POOL
SAN JUAN COUNTY, NEW MEXICO

DEPTH, FT.		TYPE MUD	WEIGHT	VISCOSITY	PH	WATER LOSS
FROM	TO					
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 gel	8.8-9.2	33-40	9	20 cc



LEGEND

- LOCATION
- OIL WELL
- ◇ DRY & ABANDONED
- ✱ GAS WELL - PENN (NORTH)
- ⊕ SALT-WATER DISPOSAL WELL



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

Scale

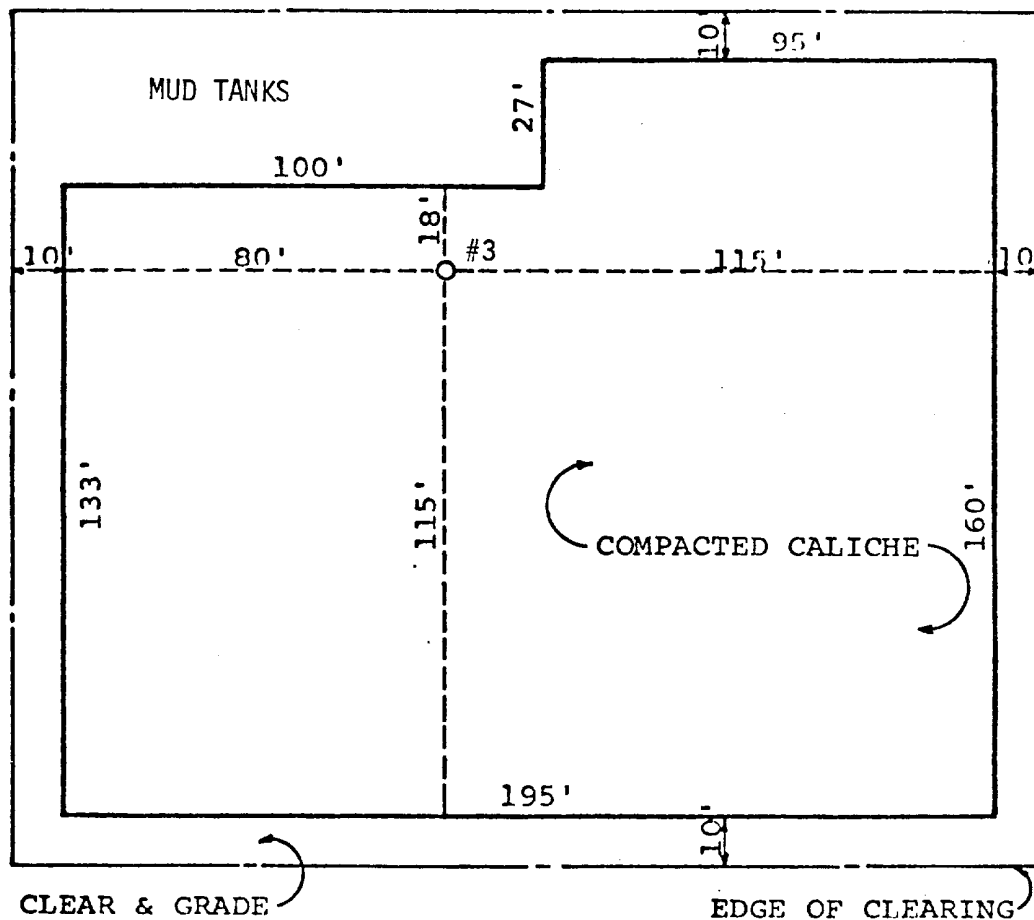
Date 8/26/75
Drawn J.K.N.
Checked H.P.C.
Approved
Revised

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

Lease Name: Navajo Well No. 3
Well Location: 990' FSL & 1980' FEL, Sec. 9, T26N, R18W
Field: Tocito Dome Penn. "D"
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. Flow line will be constructed along side of road.
6. Location and types of water supply: Water will be trucked to the well site.
7. Methods for handling waste disposal: Waste will be burned, buried and/or hauled from the drill site.
8. Location of camps: None
9. Location of air strips: None
10. Location layout to include position or rig, mud tanks, reserve pits, burn pits, pipe racks, etc.: See Attached Diagram of Proposed Rig Layout
11. Plans for restoration of the surface: Pits will be backfilled and levelled to original grade and 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 region. The area is relatively flat with 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.

NAVAJO LEASE, WELL #3

WELL LOCATION:

990' FSL & 1980' FEL
Sec. 9, T26N, R18W,
San Juan Co., New Mexico

NO.			DATE BY		
ALTERATION					
STANDARD LOCATION PLAN 5000'-7000' DEEP WELLS ON STABLE SOIL					
MOBIL OIL CORPORATION Midland, Texas					
DRAWN DLT			DWG. NO.		
CHECKED			SCALE 1" = 40'		
			DATE 9-14-66		
			A-322		