SUBMIT IN TRIPLICATE®

•	Form Budget	approved Bureau	No.	42-R1425

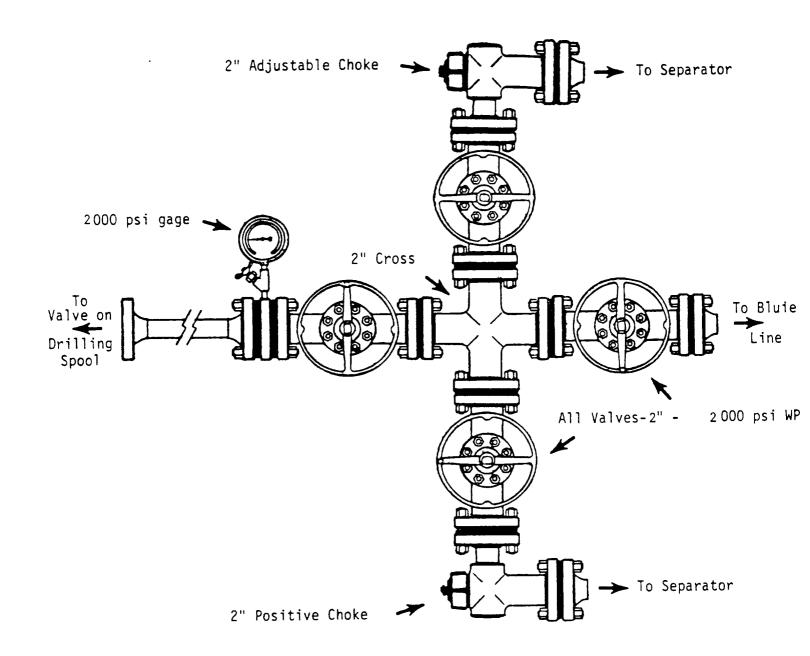
(Other instructions on reverse side) UNITED STATES
DEPARTMENT OF THE INTERIOR

		GICAL SURVEY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
APPLICATION	FOR PERMIT	TO DRILL, DEEP	EN, OR PLUG B	ACK C. D. C.
TYPE OF WORK	LL 🗵	DEEPEN	PLUG BAC	The state of the s
TYPE OF WELL			INGLE MULTIPE	6. FARM OR LEASE NAME
WELL X WI	ELL OTHER		ONE L ZONE	Navajo
NAME OF OPERATOR				9. WELL NO.
Mobil Oil Com	•			A . MA PYELD AND POOL OF WILDCAT
Nine Greenwa	y Plaza, Suite	2700: Houston, in accordance with any	Texas 77046 State requirements.*)	Tocito Dome-Pennsylvan
At surface			•	11. SEC., T., R., M., OE BLK. AND SURVEY OR AREA
1980' FEL & 6 At proposed prod. son	660' FNL, Sec.	3, T26N, R18W	•	Sec. 3, T26N, R18W
Cama as aurfa		THE MOST OF POST OFFI	72.0	12. COUNTY OR PARISH 13. STATE
. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OFFIC		San Juan New Mexic
DISTANCE FROM PROPO	OSED*	16. N	O. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
LOCATION TO NEAREST PROPERTY OR LEASE !	T	660'	1440	- 160
(Also to nearest drig	g. unit line, if any)	19. P	PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,	6404'	7000'	Rotary
	ether DF, RT, GR, etc.)			22. APPROX. DATE WORK WILL START
Ground - 56				As soon as possible
B.		PROPOSED CASING AN	D CEMENTING PROGRA	AM
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"	8 5/8"	24# K-55	0-1600'	2) Circulate to surface
4 - 44				
7 7/8"	5 1/2"	14# K-55	0-5400'	3) Circulate to 1575
7 7/8"	5 1/2"	14# K-55 15.5# K-55	5400-7000	3) Circulate to 13/3
7 7/8"	5 1/2"	}		3) Circulate to 13/3
	1	15.5# K-55		3) Circulate to 13/3; "
1) Class H N	Neat with 2% Ca	15.5# K-55	5400-7000'	
1) Class H N	Neat with 2% Ca	15.5# K-55	5400-7000'	
1) Class H N	Neat with 2% Ca	15.5# K-55	5400-7000' with 100 sx. C	lass B Neat w/2% CaCl2
1) Class H N 2) Class B w	Neat with 2% Ca with 8% gel & 2	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	5400-7000' with 100 sx. C	lass B Neat w/2% CaCl2
1) Class H N 2) Class B w	Neat with 2% Ca	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	15400-7000' with 100 sx. C	lass B Neat w/2% CaCl ₂
1) Class H N 2) Class B w	Neat with 2% Ca with 8% gel & 2	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	15400-7000' with 100 sx. C	lass B Neat w/2% CaCl ₂
1) Class H N 2) Class B w	Neat with 2% Ca with 8% gel & 2	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	15400-7000' with 100 sx. C	lass B Neat w/2% CaCl ₂
1) Class H N 2) Class B w 3) Class H w	Neat with 2% Ca with 8% gel & 2 with 7% salt sx	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	vith 100 sx. C	lass B Neat w/2% CaCl ₂
1) Class H N 2) Class B w 3) Class H w	Neat with 2% Ca with 8% gel & 2 with 7% salt sx	15.5# K-55 Cl ₂ % CaCl ₂ Tail in	vith 100 sx. C	lass B. Neat w/2% CaCl ₂
1) Class H N 2) Class B w 3) Class H w Blowout Preve	Neat with 2% Ca with 8% gel & 2 with 7% salt sx enter and Mud P	15.5# K-55 Cl ₂ % CaCl ₂ Tail in .	with 100 sx. C:	lass B. Neat w/2% CaCl ₂
1) Class H N 2) Class B w 3) Class H w Blowout Preve	Neat with 2% Ca with 8% gel & 2 with 7% salt sx enter and Mud P	15.5# K-55 Cl ₂ % CaCl ₂ Tail in .	with 100 sx. C.	lass B. Nead w/2% CaCl ₂ FEB 2 1 1979 FEB 2 1 1979 The second productive who ship proposed may productive who ship proposed may productive who ship ship productive who ship ship productive who ship ship productive who ship ship ship ship ship ship ship ship
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1) Class H N 2) Class B w 3) Class H w Blowout Prevenue Proposal is to reventer program, if a 4. SIGNED	Neat with 2% Ca with 8% gel & 2 with 7% salt sx enter and Mud Page PROPOSED PROGRAM: In or deepen directions.	15.5# K-55 Cl2 % CaCl2 Tail in . rograms Attache f proposal is to deepen of mally, give pertinent date Bond TITLE E	with 100 sx. C. and the plug back, give data on a consubsurface locations at the continuous consumers of the continuous consumers of the continuous contin	lass B. Neat. w/2% CaCl ₂ FEB 2 1 1979 present productive and the proposed new production measured and true vertical margins. Give how

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

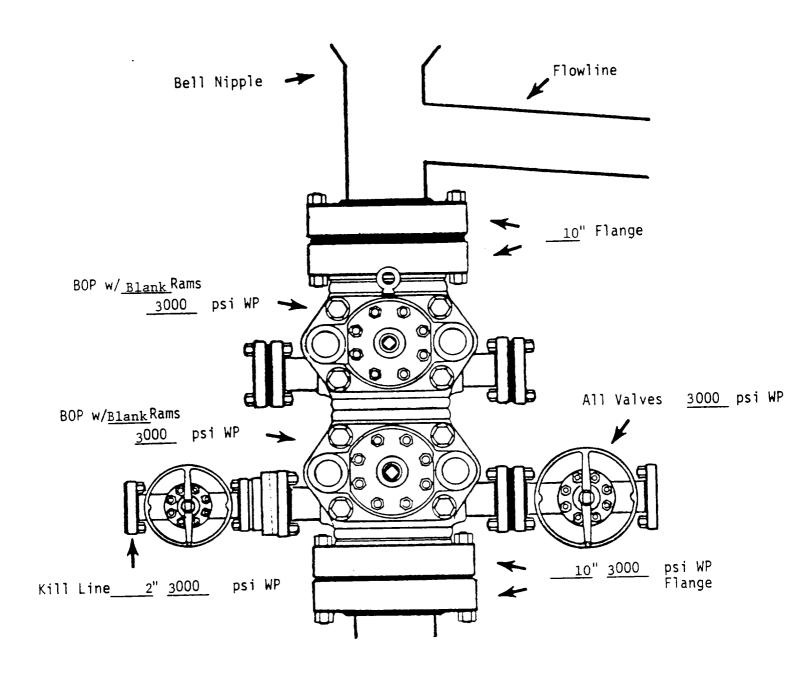
All distances must be from the outer boundaries of the Section.

Operator		All matances must be	Lease		Well No.
Mobil Oil C	`ornoration		Navajo		6
Unit Letter	Section	Township	Range	County	
В	3	26N	18W	San Juan	
Actual Englage Loc	cation of Well:			- .	
660		rth line on:		et from the East	line
Ground Level Elev.	i		UBOTA Tocito Dom		1 370
5624	Pennsyl		'S' Associ		<u> </u>
 Outline th 	ne acreage dedica	ted to the subject v	well by colored pencil	or hachure marks on t	he plat below.
interest a	nd royalty).				thereof (both as to working
3. If more the dated by o	an one lease of di communitization, u	ifferent ownership is nitization, force-poo	s dedicated to the well ling. etc?	, have the interests o	f all owners been consoli-
Yes	No If an	iswer is "yes," type	of consolidation		
this form i	if necessary.)				dated. (Use reverse side of
No allowa	ble will be assigne	ed to the well until a	Il interests have been	consolidated (by consolidated by	mmunitization, unitization,
forced-poo sion.	oling, or otherwise)		st - 5288	ich interests, has bee	n approved by the Commis-
,		<u> </u>	St - J200		CERTIFIC TION
	1				CERTIFICATION
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	·			Name	
			! ;		. Bond
	•	Gas	is committed to		Regulatory ering Coordinator II
	1		Paso Natural Gas	Co. Engine	ering Coordinator II
	!		İ	= 1	Oil Corporation
	i	.	1	Date	
}		•	1	Februa	ry 7, 1979
	i		 		<u> </u>
	1		1		
	1		s i	1 hereb	y certify that the well-location
	1		1	shown o	n this plat was plotted from field
	72	GN R	8W	notes o	f actual surveys made by me or
ļ			1	1 1	y supervision, and that the same
ļ			<u>.</u> 	1 1	and correct to the best of my
ł	Ι΄		1 1	knowled	ge and belief.
 	+			11	
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1	l I		Jan.	, 1	
	1		The state of the s	,	y 30, 1979 2 Professional Engineer
	1		and the same	<i>A</i>	nd Surveyor
			Our Dia		
1	ł 1			Curtis	A. Callaway
				Certificate	
	90 1320 1650 198	0 2310 2640 20	00 1500 1000	scc c 3342	



Mobil Oil Corporation Houston E&P Division

LEASE_	Navajo			
WELL_	6			
COUNTY	San Juan	STATE	NM	



Mobil Oil Corporation Houston E&P Division

LEASE	Navajo	
WELL	6	
COLBITY	Can Ivan	STATE NM

MOBIL OIL CORPORATION'S

NAVAJO, WELL #6 TOCITO DOME - PENNSYLVANIAN "D" ASSOCIATED POOL SAN JUAN COUNTY, NEW MEXICO

HUD FROGRAM	MUD	PROGRAM
-------------	-----	---------

Dep	th.	Ft.

From	<u>To</u>	Type Mud	Weight Viscosity	pН	Water Loss
0	1600'	Spud Mud	No Control	-	-
1600'	T.D.	Fresh water, low solids gel	8.9-9.0 28-35	9	20 cc

CORING PROGRAM

Approx. Depth	Formation	Type	Size	Footage
None			•	

LOGGING PROGRAM

None

Type or Kind	Depth (From-To)
Induction - Sp	Surface to T.D.
SNP-Density - GR	Surface to T.D.

FLUID PRODUCTION TEST PROGRAM

Type & Formation	Expected Depth

MOBIL OIL CORPORATION
SURFACE USE PLAN
NAVAJO WELL #6
660' FNL & 1980' FEL
SECTION 3, T-26-N, R-18-W

SAN JUAN COUNTY, NEW MEXICO

1. EXISTING ROADS (See Attached Map "A")

An existing 15' wide graded road will be utilized to reach the location. This road leaves U.S. Highway No. 666 at a point about 18.5 miles south of Shiprock, New Mexico. This road proceeds 1.7 miles to an existing ranch road proposed for improvement.

2. PLANNED ACCESS ROADS (See Attached Map "A")

The proposed ranch road to be improved to the location site will be 12' wide x 0.35 miles long with a 12" deep borrow ditch on each side. Native material will be graded, watered, and compacted for the new roadway surface. The area crossed by the road is presently used for sparse sheep and cattle grazing.

3. LOCATION OF EXISTING WELLS

For Location of existing wells, see attached Map "A"

4. LOCATION OF TANK BATTERIES & PRODUCTION FACILITIES (See Attached Map "A")

Production from the proposed well will be transported to a proposed satellite station containing two 500 barrel steel tanks, a high pressure separator and a centrifugal pump located about 200' south of well #6. From this satellite station a 3" gas gathering line paralled by a 3" flow line will carry production to the existing tank battery at Navajo Well #1.

5. WATER SUPPLY

Water for drilling purposes will be trucked from locations off-lease.

6. SOURCE OF CONSTRUCTION MATERIALS

No construction materials will be required for this project.

7. METHODS OF HANDLING WASTE DISPOSAL

All garbage and trash shall be burned when possible, and that portion that cannot be burned will be accumulated and buried with a minimum of 4' cover.

8. ANCILLARY FACILITIES

No ancillary facilities are planned at this time.

Mobil Oil Corporation Surface Use Plan Navajo Well #6

San Juan County, New Mexico

Page 2

9. WELL SITE LAYOUT

See Attached Plat "B"

10. PLANS FOR RESTORATION OF SURFACE

After well is completed and pits have sufficiently dried, they will be backfilled and shaped to original grade. All trash will be removed from the site or buried with a 4' minimum cover.

In the event well is abandoned, the location site and roads will be reshaped to original contour and re-seeded with seed mixture and soil additives as recommended by the Navajo Tribe. This restoration will begin within 90 days of date well is abandoned and will be completed within 30 days of that date.

11. OTHER INFORMATION

The location site is located in a semi-desert area of gently rolling hills and ridges capped with sandstone. This site is located in a sandy area on the peak of a low hill. The area is sandy with very sparse native grasses. The surface is owned by the Navajo Tribe and utilized for sparse grazing of goats, sheep and cattle. There are no occupied dwellings within one mile of the site, and no known archaeological, historical, or cultural sites are in the area.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Glen W. Barb Mobil Oil Corporation P. O. Box 633 Midland, TX 79702 - Telephone 915-684-8211

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that the statements made in this plan are, to the best of my knowledge

Mobil Oil Corporation Surface Use Plan Navajo Well #6

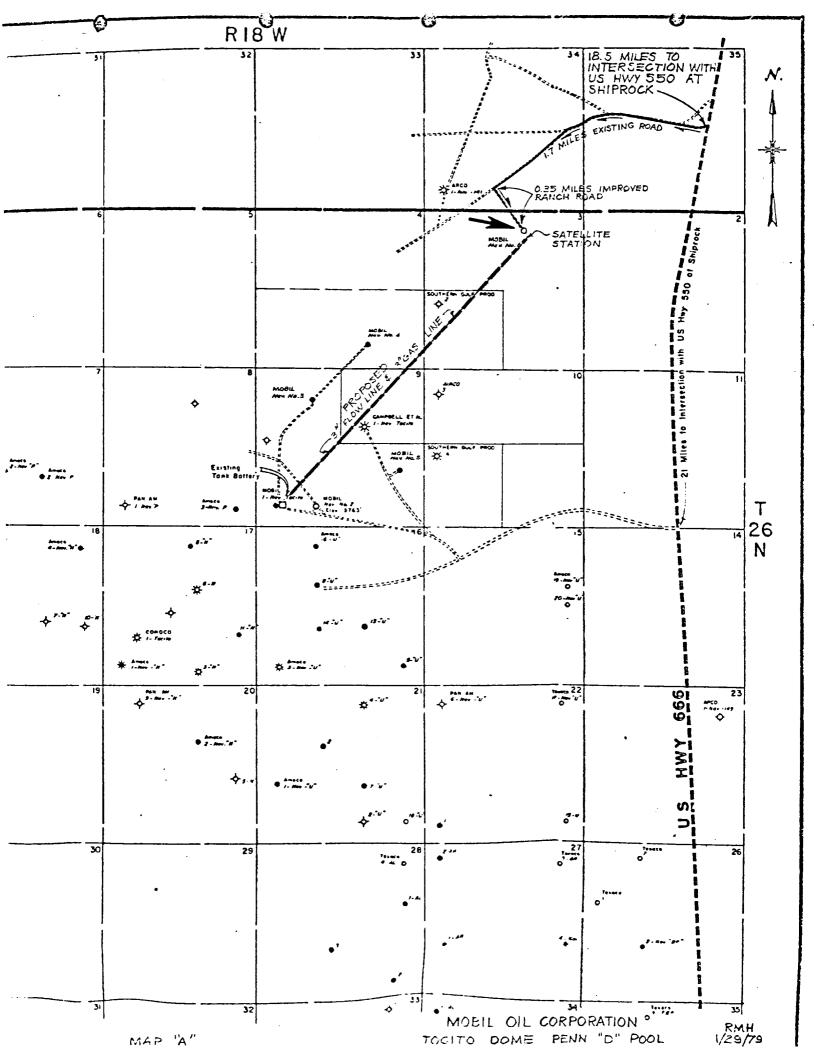
San Juan County, New Mexico

Page 3

true and correct; and that the work associated with the operations proposed herein will be performed by a reliable contractor in conformity with this plan and the terms and conditions under which it is approved.

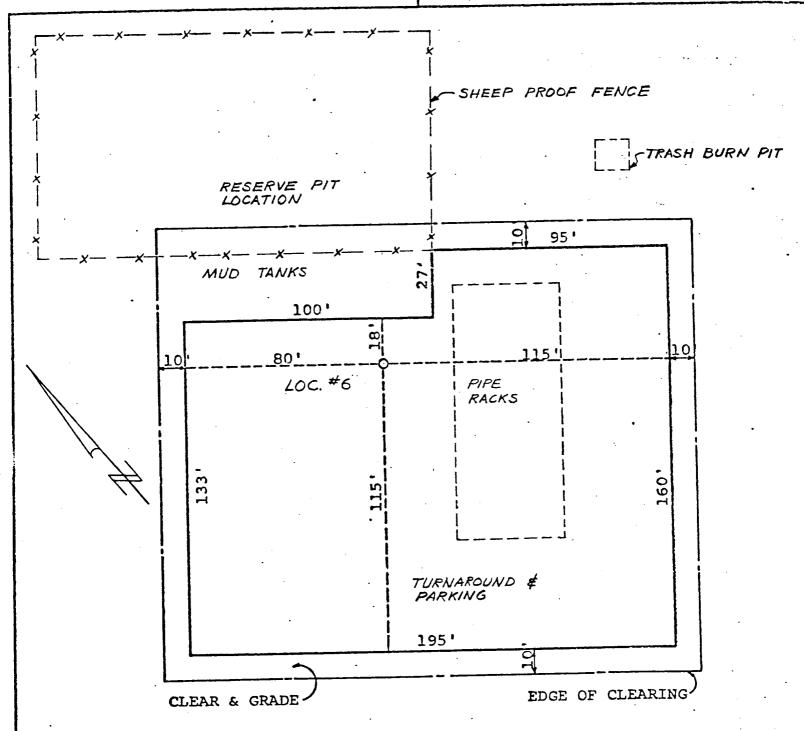
Producing Operations Manager

RMHayhurst/tb January 30, 1979



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PLAT "B" NAVAJO WELL #6

STANDARD LOCATION PLAN
5000'-7000' DEEP WELLS
ON STABLE SOIL

MOBIL OIL CORPORATION MIDLAND, TEXAS

MOBIL OIL CORPORATION

LEAS	E: Navajo			WELL: 6
	Undesignated & Tocito Dom	e -		
FIEL	D: <u>Pennsylvanian "D" Associa</u>			
COUN	TY: San Juan			STATE: New Mexico
	TEN POINT WELL CO	אידים ו סביכוו	IDCE DE	γαπεζήτου δάπα
	TEN POINT WELL CO	NIKOL & KESOK	JKCE II	COLUMN DATA
1.	The geologic name of the surf	ace formation	n Gallu	ın •
1.•	The geologic name of the ball	200 202		<u> </u>
2.	The estimated tops of importa	nt geologic r	narkers	· .
		5 •		
	Formation Name		Depth	(Top)
	Dakota		700	
	Entrada		2070	
	Dechelly		3655	
	Hermosa		5464	· ·
			7.000	. 1
	Pennsylvanian ("D")		6300) ·
			6750	1
	Mississippian	 -	6750	3
_	The estimated depth at which	antininated :	water	oil gas or other mineral-
3.	The estimated depth at which	anticipated of	water,	ad
	bearing formations are expect	ed to be enc	ouncer.	
	Formation Name	Depth (Top)		Type of Mineral
	Formation Name	Depth (10p)		
	Dakota	700 '		Water
			-	
	Pennsylvanian	6300'		Oil & Gas
	Mississippian	6750 '		Oil & Gas
			- .	
			o ciao	grade and weight-ner-
4.	The proposed casing program,	including th	od (C	hown on Form 9-331C)
	foot of each string and wheth	ner new or us	.ea. (2	nown on rorm 3 33267
_	The lessee's or operator's ma	inimum enecif	icatio	ns for pressure control
5.	equipment which is to be used	imimum specii A a cchemati	r diao	ram thereof showing sizes.
	pressure ratings (or API ser	ice) and the	testi	no procedures and testing
	pressure ratings (or Ari Ser.	ies), and the		ing procedures and see g
	frequency. (See attachment)			
۲	The type and characteristics	of the propo	sed ci	rculating medium or
6.	mediums to be employed for r	otarv drillir	e and	the quantities and types
	of mud and weighting materia	1 to be maint	ained.	•
	of mud and weighting materia			
	The proposed mud program is	attached. A	suffi	cient quantity of mud
	and chemicals will be mainta	ained at the	well s	ite to meet anticipated
	conditions, recognizing the	time require	d to r	eplenish supplies from
	local sources.			

	A Kelly cock and a sub with a full opening valve will be used.
3.	The testing, logging, mud, and coring programs to be followed with provision made for required flexibility. (See attached sheet)
9.	Any anticipated abnormal pressures or temperatures expected to be encountered or potential hazards such as hydrogen sulfide gas, along with plans for mitigating such hazards.
	No abnormal pressures, temperatures, or hazardous gases are expected to
	be encountered; however, prudent drilling operations will be maintained
	to guard against such hazards.
	•