

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Geology, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Mobil E & P US			Lease State "M"		Well No. 16
Unit Letter E	Section 34	Township 17S	Range 35 E	County Lea	
Actual Footage Location of Well: 2075 feet from the North line and 330 feet from the West line					
Ground level Elev. 3931	Producing Formation Drinkard		Pool Wildcat Vacuum	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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 interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature
Kaye Pollock-Lyon

Printed Name
Kaye Pollock-Lyon

Position
Env. & Reg. Technician

Company Mobil Producing TX & NM Inc.*
*Mobil Exploration & Producing US Inc

Date as agent for MPTM
07-20-94

SURVEYOR CERTIFICATION

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.

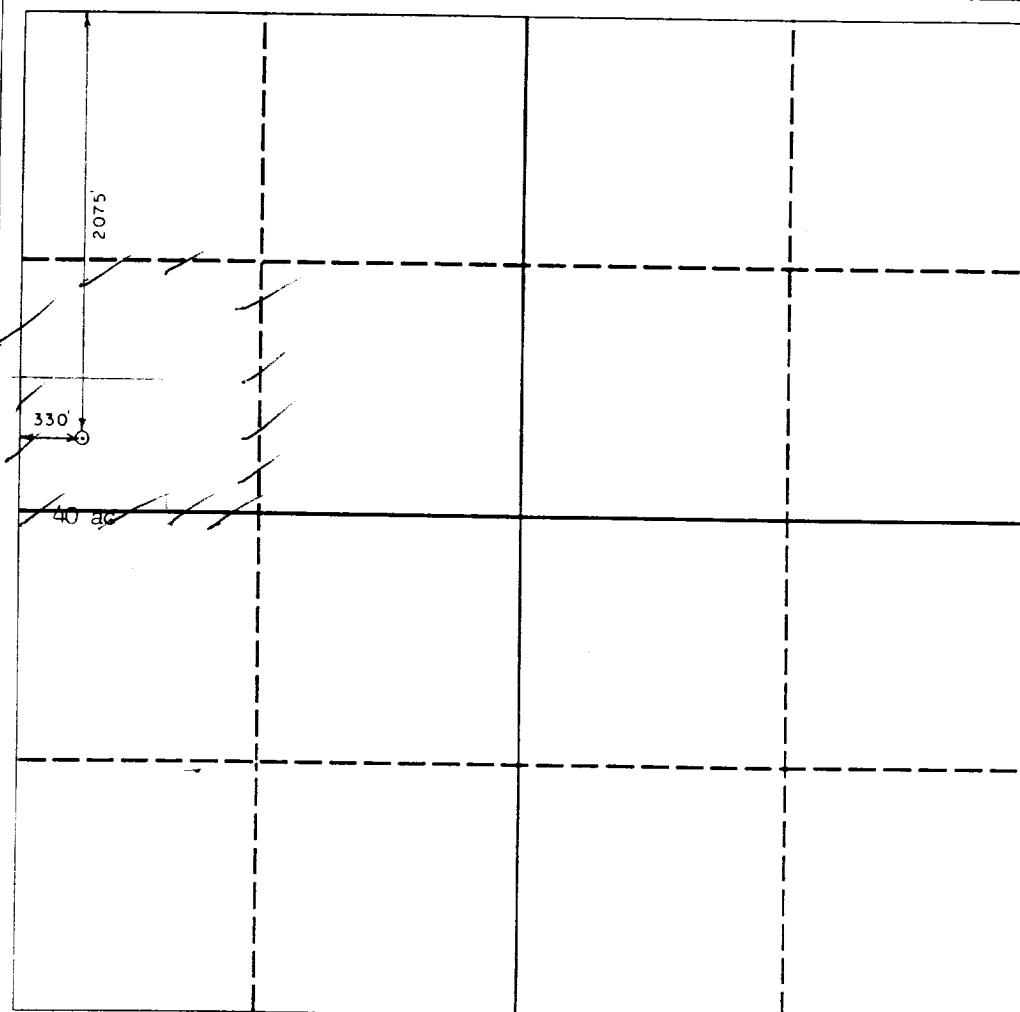
Date Surveyed
July 12, 1994

Signature & Seal of
Professional Surveyor

J. N. Newton

Certificate No.

5109



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**MIDLAND DRILLING
DRILLING PROGRAM SUMMARY**

DPS-MID(8/88)

WELL:	State "M" #16	TD - PROPOSED:	8,200	AFE NUMBER:	
FIELD:	Vacuum	TD - PERMIT:	8,400	AFE \$M - DRY:	
CNTY/ST:	Lea -- New Mexico	DAYS - DRY:	13	AFE \$M - SUSP:	
SECTION:	34	DAYS - SUSP:	1	MOBIL W. I. %:	87.5%
BLK/TWP:	17-S				
SVY/RNG:	35-E				

HOLE GEOMETRY & MUD PROGRAM:

Sect No.	Bit Size	Depth, Ft		Mud Type	Mud Weight	Visc, secs	Fluid Loss	Mud pH	Survey Freq	Max Dev	Max Dogleg
		From	To								
1	11.0"	0'	1,480'	FW/Native	9.0	34-40	NC	9.5+	500'	2.00	1.50
2	7.875"	1,480'	7,500'	Sat Brine	<10.1	33-36	NC	9.5+	500'	5.00	1.50
3	7.875"	7,500'	8,200'	mf55/Starch	<10.2	33-36	NC	9.5+	500'	5.00	1.50

CASING & BOP PROGRAM:

Sect No.	Csg Size	Depth, Ft		Section Length	Wt/Ft, Lbs	Sec Wt MLbs	Grade	Conn Type	Size	Stack	Rating
		From	To								
1	8.625	0	1,480'	1,480'	24.00	35.5	USS-50	STC	11.000	SFPG	3,000
2	5.500	0	2,000'	2,000'	17.00	34.0	K-55	STC			
3	5.500	2,000	7,420'	5,420'	15.50	84.0	USS-50	STC			
4	5.500	7,420	7,500'	80'	17.00	1.4	L-80	LTC			

CEMENTING PROGRAM:

Sect No.	Depth, Ft		Slurry Density	Slurry Yield	Volume CuFt	Slurry Sacks	Slurry Description
	From	To					
1	0	980'	13.5	1.74	609	350	"C" + 4% D20 + 2% S1 + .25 pps D29
2	980'	1,480'	14.8	1.32	264	200	"C" + 2% S1 + .25 pps D29
3	3,700'	6,850'	12.8	1.96	1313	670	35/65 poz:H + 6% D20 + 5% D44 + .25 pps D29
4	6,850	7,500'	16.4	1.06	265	250	"H" + .25 pps D29

O. H. LOGGING PROGRAM:

Type of Log	Depth, Ft		FORMATION TOPS:		
	From	To	Name	Depth	Remarks
GR-Spectroscopy	6,000	TD	Rustler Anhydrite	1,475'	
CNL-LDL-GR-Cal	2,000	TD	Yates	2,895'	
			Queen	3,819'	
			San Andres	4,370'	
			Glorietta	6,060'	
			Tubb	7,550'	
			Drinkard	7,700'	

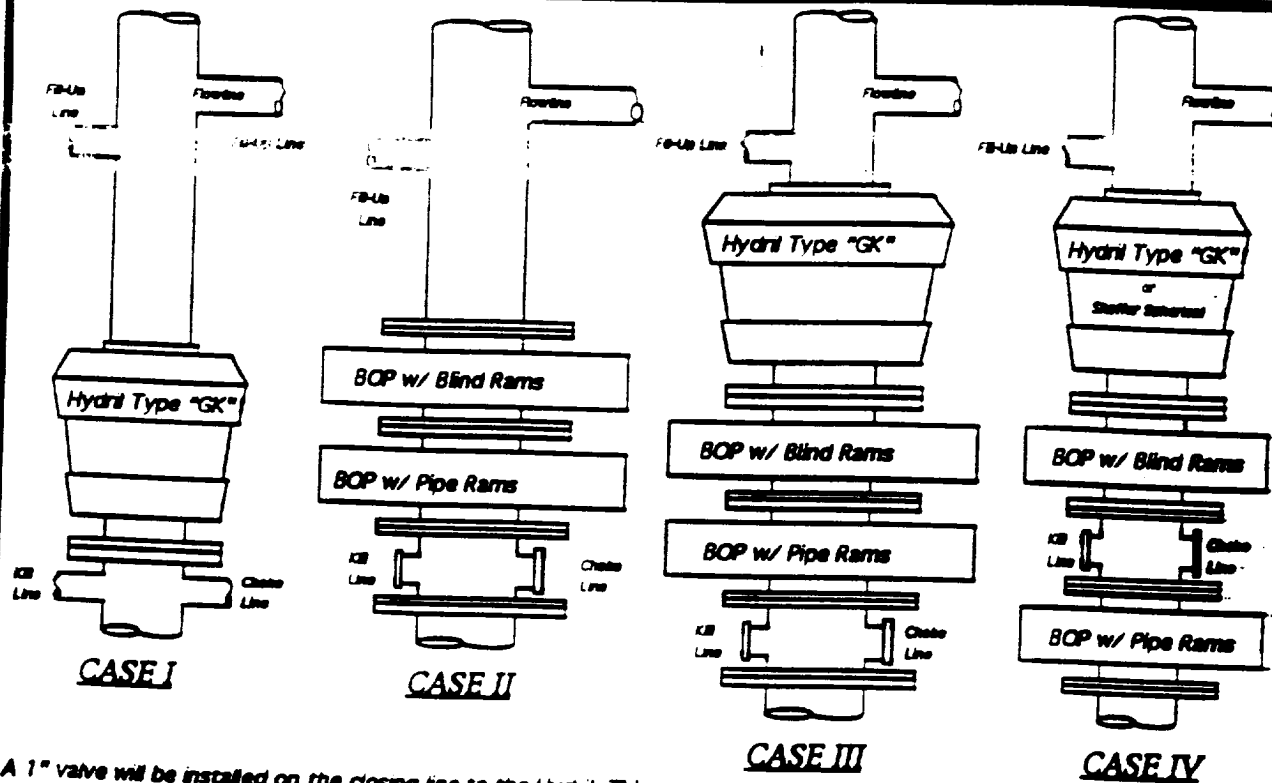
SAMPLE CATCHING/MUD LOGGING PROGRAM:

Service Performed	Depth, Ft		Freq, Ft.	REGULATORY REQUIREMENTS :	
	From	To			
Sample Catching					
Drilling Time					
Mud Logging	5,000	TD			

CORING PROGRAM:

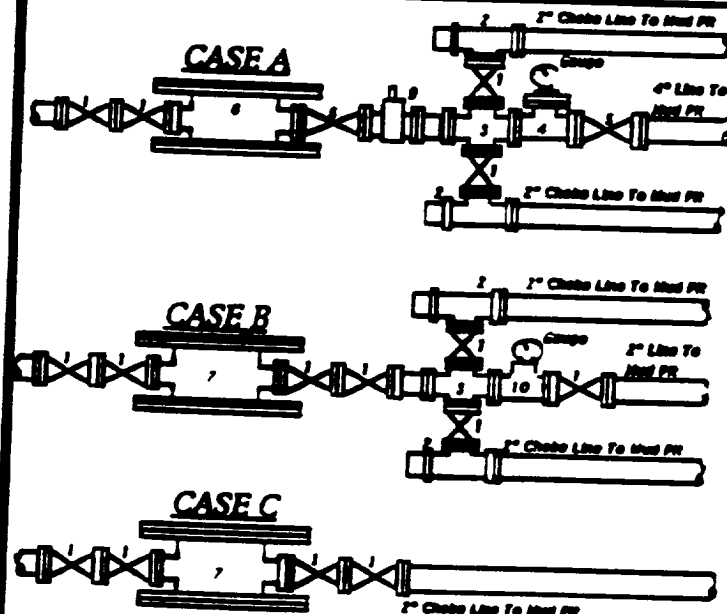
Core Point	Formation	Core Type	Bit Size	Core Size	Core Length	DST PROGRAM:	
						Formation	Depth

SCHEDULE B MINIMUM BLOWOUT PREVENTER REQUIREMENTS



A 1" valve will be installed on the closing line to the Hydral. This valve will be on a short nipple next to the Hydral. The Hydral closing line must be equipped w/ a 1" - 3000 psi WP plug valve on the nipple into the Hydral.

CASE IV



BOP SIZE	BOP CASE	WORKING PRESSURE	CLOSING CASE
11	II	3000 psi	B

Bradenhead furnished by Mobil will be:
Mfr: _____
Size: _____ Type: _____

Legend

1. 2" Flanged all steel valve must be either Cameron 2", Halliburton Low Torque or Shaffer Flo-Stop.
2. 2" Flanged adjustable choke, min. 1" full opening & equipped w/ hand trim.
3. 4" x 2" Flanged steel cross.
4. 4" Flanged steel tee.
5. 4" Flanged all steel valve (Type as in no. 1).
6. Drilling Spool w/ 2" x 4" Flanged center.
7. Drilling Spool w/ 2" x 2" Flanged center.
8. 2" x 2" Flanged steel cross.
9. 4" pressure control gate valve.
10. 2" Flanged steel tee.

Notes

Chokes installed may be located in any convenient position. Use all steel fittings throughout. Make BOP forms with two shopped ends only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spread and all lines and fittings must be at least equivalent to the test pressure of the preventer required. Independent closing control unit with clearly marked controls to be located on derrick floor near derrick's position.

RECEIVED

JUL 2

COURT
OFFICE

67-97-2

171