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Form 9-331 C (May 1963)		D CTATES	(Other	instructions of everse side)	30 005-	-60980
	DEPARTMENT	D STATES			5. LEASE DESIGNATION	AND SEBIAL NO.
					NM 23264	REGEIVED
		ICAL SURVEY		UC PACK		E OR TRIBE NAME
APPLICATION	FOR PERMIT TO	<u>D DRILL, DEI</u>	EPEN, OR PL	UG BACK	— J	UN 3 1981
1a. TIPE OF WORK	. D	DEEPEN	PLU	g back 🗆	7. UNIT AGBBEMENT	NAMB C
DKIL b. TYPE OF WELL	L X			MULTIPLE	S PARM OR LEASE.N	<u>OC. D</u>
OIL GAN	LL X OTHER	· · · · · · · · · · · · · · · · · · ·	ZONE	ZONE	SALT FEDERAL	TESIA, OFFICE
2. NAME OF OPERATOR					9. WELL NO.	
	ROLEUM CO.			700	TAL F	
3. ADDRESS OF OPERATOR	GHN BUILDING/MI	DLAND. TEXAS	79701	25525	TO. TIELD AND POOL,	
4. LOCATION OF WELL (Re	port location clearly and	n accordance with a	ny State entrine	10	11 IST TT B. M. O	
At surface	1980' FSL & 660	FWL	In C	MAY 1. 1. 19	AND SURVEY OB	AREA
At proposed prod. sone			N IX	MHI CHE CHE	SEC 5, T8S,	R23E
	SAMF	TOWN OR POST O	FFICE*		12. COUNTY OR PARIS	
14. DISTANCE IN MILES A	NORTH OF ROSWE		C0		CHAVES	NEW MEXICO
20 MILES 15. DISTANCE FROM PROPO	SED*		6. NO. OF ACRES IN	LEASE 17.	NO. OF ACRES ASSIGNED TO THIS WELL	
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(Also to nearest drig 18. DISTANCE FROM PROP	OSED LOCATION"		9. PROPOSED DEPTH	20.	ROTARY OF CABLE TOOLS	a a National and a National and a National and a National Antional and a National Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antional Antiona Antional Antional Ant
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	B LEASE, FT.	3000'	3600'			WORK WILL START*
21. ELEVATIONS (Show who 406	ther DF, RT, GR, etc.) 4.9' GR			¢ ? 	JUNE 1,=19	81 9 9
23.	P	ROPOSED CASING	AND CEMENTING	PROGRAM		
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IN ABOVE SPACE DESCRI	BE PROPOSED PROGRAM : If	proposal is to deep ally, give pertinent	data on subsurface	locations and m	neasured and true vertical	depths. Give blowout
preventer program, if a	ny.		·			
24.	M.t.	way	REGIII ATO	ORY COORDI	INATOR MA	Y 8, 1981
SIGNED K.Z.	- rearre				DAIN	
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*See Instructions On Reverse Side

NE IEXICO OIL CONSERVATION COMMISSI WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Mesa Petroleum Co. Salt Federal 4 Interior <			All distances must	be from the outer	boundaries of the	Section	·····
L 5 85outh 23East Chaves 1980 test non ine South 1000 test non ine South 1000 1980 test non ine South 1000 Internation 1000 1. Outline the acreage dedicated to the subject well by colored pencil or bachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both us to work) interest and royally). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated (I'se reverse side this form if accessers). Yes No If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (I'se reverse side this form if accessers). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, or itzation, antization, isone-standard unit, eliminating such interests, has been approved by the Commission and there is a first of minimating work built. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, isone-standard unit, eliminating such interests, has been approved by the Commission and the set of minimating work isone and used and built. CERTIFICATION I barrier and compleme to the set of minimating such interests. I and I i i Import I isone and compleme to the set of minimating such interests. I and I i Import I isone and compleme to the set of minimating such interests. <td>^{operator} Mesa</td> <td>Petroleum</td> <td>Co.</td> <td>Lease Sal</td> <td>t Federa</td> <td>L</td> <td></td>	^{operator} Mesa	Petroleum	Co.	Lease Sal	t Federa	L	
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APPLICATION FOR DRILLING

MESA PETROLEUM CO. SALT FEDERAL #4 1980' FSL & 660' FWL, SEC 5, T8S, R23E CHAVES COUNTY, NEW MEXICO

LEASE NO: NM 23264

In conjunction with Form 9-331C, Application For Permit to Drill subject well, the following additional information is provided:

1. Applicable portions of the <u>GENERAL</u> <u>REQUIREMENTS</u> <u>FOR OIL AND</u> <u>GAS</u> <u>OPERATIONS ON FEDERAL LEASES</u>, Roswell District, Geological Survey of September 1, 1980 will be adhered to.

2. Geological markers are estimated as follows:

SAN ANDRES	SURFACE
GLORIETTA	678'
YESO	862 '
ABO	2935'
	3535'
HUECO	

- 3. Hydrocarbon bearing strata may occur in the Abo formation. No fresh water is expected to be encountered below 800'.
- 4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. Anticipate drilling with air or foam using ram type preventer and rotating head for well control. The 8 5/8" casing will be set at approximately 1000' to protect any fresh water zones and cemented to the surface. The 4 1/2" production casing will be set at total depth or shallower depending upon the depth of the deepest commercial hydrocarbon bearing strata encountered. Sufficient amounts and kinds of cement would be used to ensure any water, gas, or oil zones encountered are isolated and shut off down to the casing point if run.
- 5. No drill stem tests or coring program is planned. The logging program may consist of a GR-CNL from surface to total depth and FDC from casing point to total depth.
- 6. Anticipated drilling time is fifteen days with completion operations to follow as soon as a completion unit is available.