Form 9-331 C (May 1963)			SUBMIT I	IPLICATE	
()	UNI	TED STATES	NM OIL Contraction	ton the	Form approved. Rudget Bureau No. 42-R1425. SI - 005-6/28/
			ITERIORawer DD	0007.0	5. LEASE DESIGNATION AND SEBIAL NO.
		OGICAL SURVE			NM-40030
APPLICATIC 1a. TYPE OF WORK	on for permit	TO DRILL, D	EEPEN, OR PLUG E	BACK	6. IF INDIAN, ALLOTTEE OB TRIBE NAME
D. TYPE OF WELL		DEEPEN	PLUG BA	CK 🗌	7. UNIT AGREEMENT NAME
WELL 2. NAME OF OPERATOR	GAS WELL OTHER		SINGLE X MULTIP ZONE ZONE		8. FARM OR LEASE NAME
MESA PETRO	LEUM CO.				B. WELL NO.
1000 VAUGH 4. LOCATION OF WELL (N BLDG./MIDLAND Report location clearly an	TEXAS 797	01-4493 any State rengirements	~	2 10. FIELD AND FOOL, OR WILDCAT
At surface 660'	FNL & 1980' FWL	a la accordance with	NE NW/4	1. 1.	UNDESIGNATED ABO
At proposed prod. zo		1			11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA ULC - C
14. DISTANCE IN MILES	AND DIRECTION FROM NEA		DEC 1 5 1981		SEC 17, T5S, R25E
					12. COUNTY OR PARISH - 13. STATE
10. DISTANCE FROM PROI LOCATION TO NEARES	orth of Roswel	I, New Mexico		<u></u>	CHAVES NEW MEXIC
Also to nearest dr	LINE, FT. Ig. unit line, if any, 661	0'	6. NO. ARTESIRE TOPPAR	17. NO. 0 TO TH	F. ACRES ASSIGNED HIS WELL
18. DISTANCE FROM PRO TO NEAREST WELL.	POSED LOCATION* DRILLING, COMPLETED HIS LEASE, FT. 264		9. PROPOSED DEPTH	20. ROTAL	160 BY OR CABLE TOOLS
OR APPLIED FOR, ON THE	hether DF, RT, GR, etc.)	0'	4200'	20. 1011	ROTARY
3857.2' GR					22. APPBOX. DATE WORK WILL START* JANUARY 1, 1982.
	I	PROPOSED CASING	AND CEMENTING PROGRA	м	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT
<u> </u>	<u>13 3/8"</u> 8 5/8"	48#	900'	SURFA	CE
7 7/8"	4 1/2"	<u>24#</u> 10.5#	<u> 1600' </u>	ISOLA COVER	TE WATER,OIL&GAS ALL PAY
to set 8 5/8 drill to to	3" casing. Will	li reduce noi L ninnle un B	e to II" and drill AM type BOP's, rec will be air, foam, DECS NOV	to ap luce ho or mu Elicity 1 6 198	le to 7 7/8" and d as required.
xc: USGS (6). TLS. CEN RCC		ROSWELL, C, PARNTERS, LAND,	NEW ME	XICO
N ABOVE SPACE DESCRIBE	PROPOSED BROODING TE				KEM, KUSWELL tive zone and proposed new productive and true vertical depths. Give blowout
24.					Give blowout
SIGNED R. E.	Marth		REGULATORY COORDI	NATOD	
(This space for Feder	al or State office use)				DATE - 2-8
PERMIT NO.			APPROVAL DATE	یں ۲۰۰ ۱۹۰۹ - ۲۰۰۹ ۱۹۹۹ - ۲۰۰۹ - ۲۰۰۹	
APPROVED BY	APPROVED				
CONDITIONS OF PPROVA		TITLE			DATE
	DEC 1 1 1981			*' * ·	
4	JAMES A. SILLHAM	*See Instructio	ns On Reverse Side		
	DISTRICT SUPERVISOR				

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All	distances	ma us t	be	from	the	outer	boundaries	ol	the	Section
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		Ail distances must be from	a the outer boundaries of	the Section	
.orgtor			ease	· · · · · · · · · · · · · · · · · · ·	Weil No.
Viesa Petroleum Company			Lodewick F	County	2
С	17	5 South	25 East	Chaves	
tual Fontage Los	cation of Well;		- I	1	
<u> </u>		with line and	1980 te	t from the West	line
ung Løvel Elev. 3857.2	Producing For ABO	mation P	ocl		Dedicated Actempe:
		ted to the subject well	UNDESIGNA		NW/4 160 Acr
 3. If more the dated by of the dated	an one lease of d communitization, u No If an is "no?' list the of f necessary.) ble will be assigned	ifferent ownership is den nitization, force-pooling newer is "yes," type of c owners and tract descrip d to the well until all ir	dicated to the well. etc? consolidation ptions which have a nterests have been of	have the interests o ctually been consolid	thereof (both as to workin f all owners been consol ated. (Use reverse side imunitization, unitization i approved by the Commis
1980'- 1980' -	1 1 1 660 660 MESA ETAL			tained he	CERTIFICATION certify that the information con trein is true and complete to th y knowledge and belief.
NM- 	40 0 30			Fostion	MATHIS
-	- -	-	i i	Corruption of the second secon	ATORY COORDINATOR
_	1		1		PETROLEUM CO.
-	•	-	ł	Eate	
- , ,			i i	11-12	-81
		REG. DO		shawn on notes of under my is true a	certify that the well location this plat was plotted from field actual surveys made by me o supervision, and that the same and correct to the best of my sand belief.
			HEXICO T	Date Survey Registered i and or Land	10-10-81 Fre tessional Engineer Surveyor

MESA PETROLEUM CO. LODEWICK FEDERAL #2 660' FNL & 1980' FWL, SEC 17, T5S, R25E CHAVES COUNTY, NEW MEXICO

In conjunction with Form 9331-C, Application For Permit to Drill subject well, the following additional information is provided:

- Applicable portions of the <u>GENERAL REQUIREMENTS</u> FOR <u>OIL</u> <u>AND</u> <u>GAS</u> <u>OPERATIONS</u> <u>ON</u> <u>FEDERAL LEASES</u>, Roswell District, <u>Geological</u> Survey of September 1, 1980 will be adhered to.
- 2. Geological markers are estimated as follows:

Surface 643' 1538' 2980' 2620'
3629'

- 3. Hydrocarbon bearing strata may occur in the ABO formation(s). No fresh water is expected to be encountered below 900'.
- 4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. (See Exhibit VI) Anticipate drilling with air or foam using ram type preventer and rotating head for well control. The 13 3/8" casing will be set at approximately 900' to protect any fresh water zones and cemented to the surface. The 8 5/8" casing will be set at approximately 1600'if water zones have been encountered or omitted if not and ram type preventers installed. 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. 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.
- 5. No drill stem tests or coring program is planned. The logging program may consist of a GR-CNL from surface 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.

