	Mt ort cou	S. COMMISSION				CI St	
Form 9-331 C (May 1963)	Drawer		(Other instruc		Budget Bureau	No. 42 R1425	
•	Artes Artes	MD SPRATES	reverse s		30-005-6	1788	
	DEPARTMENT	OF THE INT	ERIOR		5. LEASE DESIGNATION		
	GEOLOG	ICAL SURVEY			NM-31098		
	N FOR PERMIT TO	O DRILL, DEE	PEN, OR PLUG E	ACK	6. IF INDIAN, ALLOTTER	OR TRIBE NAME	
1a. TYPE OF WORK			PLUG BAG	_	7. UNIT AGREEMENT N	AME	
b. TYPE OF WELL OIL G	AS X OTHER		SINGLE X REGE	WED]	8. FARM OR LEASE NAM	CR	
2. NAME OF OPERATOR		e			LEILA FEI	DERAL	
MESA PETR	OLEUM CO.		SEP 28	1982	9. WELL NO.		
3. ADDRESS OF OPERATOR			OLI NU	-1002	4		
1000 VAUG	HN BUILDING/MIDL	AND, TEXAS	⁷⁹⁷⁰¹⁻⁴⁴⁹³ o c	D	10. FIELD AND POOL, OR WILDCAT		
4. LOCATION OF WELL (R	eport location clearly and i	n accordance with an	y State requirements.) C.	OFFICE	UNDESIGNATED ABO		
At surface 17:	50' FSL & 1750'	FWL NEY SWY	K ARTESIA,	OFFICE	11. SEC., T., R., M., OR I AND SURVEY OR AR	BLK. ICA	
At proposed prod. zon	SAME					F6S, R26E	
14. DISTANCE IN MILES	AND DIRECTION FROM NEARI		12. COUNTY OR PARISH	1			
32 miles	Northeast of Ros	well, New Me	xico		CHAVES	NEW MEXICO	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to userest drig, unit line, if any)			NO. OF ACRES IN LEASE		of acres assigned this well 160		
18. DISTANCE FROM PROI	POSED LOCATION* DRILLING, COMPLETED, 15	50'	PROPOSED DEPTH 4700	20. ROTA	TARY OR CABLE TOOLS ROTARY		
21. ELEVATIONS (Show wh 3808' GR	ether DF, RT, GR, etc.)	22. APPEOX. DATE WORK WILL START* AUGUST 30, 1982					
23.	PI	ROPOSED CASING	AND CEMENTING PROGR.	AM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT		
14 3/4"	10 3/4"	40.5#	950'	7	700/300 SURFACE		
9 1/2"	7 5/8"	26.4#	1600'	7	00/300 TIE BACK		

Propose to drill 14 3/4" hole with mud or air to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to $9\frac{1}{2}$ " and drill on mud or air to approximately 1600' and run 7 5/8" casing if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to $6\frac{1}{2}$ " or $6\frac{1}{4}$ ", test BOP's and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either $4\frac{1}{2}$ " or $5\frac{1}{2}$ " casing will be run as production casing depending upon hole size drilled to TD.

10.5#

300

COVER ABO

4700'

Operator's gas sales are dedicated.

4 1/2"

6¹/₂ or 7 7/8

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, FILE, (PARTNERS) 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.

SIGNED R.E. MUTHEN/AM	_ TITLE	REGULATORY COORDINATOR 8-24-82
(This space for Acid an a (State of the use) PERMIT 10. (Orig. Sgd.) GEORGE H. STEWART		APPROVAL DATE DECEIVED
APPROVED BY SEP 23 1982 CONDITIONS OF APPROVAL, IF ANY : LA MES A. GILLEAM	_ TITI,E	AUG 2 6 1982
DINTRICT SUPERVISOR		OIL & GAS Minerals MgMt. Service Roswell, New Mexico

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

·

			A11 (1+1+	ners must be I		outer hound	arles of	the Section		
Operator Manage Battraloum Co					Leila Federal #4					
Mesa Petroleum Co.				Nange County			······			
Unit Letter	Sectio	24		South		26 E	ast		Chaves	
K Actual Footuge Loc	ation of		0				<u></u>		TT*	
1750	•	Irom the	South	line and	•	1750	frei	from the	West	line
Ground Level Elev.		Producting Ferr	notion		Poul					Dedicated Acreage: SW/4 160 Acres
3808		ABO			I	INDESIGN				
1. Outline th	c acre	nge dedicat	led to the	subject we	ell by o	olored p	encil o	r hachure	morks on t	he plat below.
2. If more th	ian on	e lease is	dedicated	1 to me wet	I. OUIII	ic cach a		5	B AR'	hercal (both as to working
interest a:								U)	旧に国	
3. If more the	an onc	lease of di	fferent ov	vnership is	dedicat	ed to the	well, l	have the	int rests of	all owners been consoli-
dated by c	ະດາເກເບາ	itization, u	nitization	, force-pooli	ng. etc	?		77		<u> </u>
	_								AUG 2	6 1982
- Yee		Vo lían	SWCT IS	'yes,' type o	of conse	mounon			<u>NU 2</u>	EAC
11	ie **nn	" list the	wners an	d tract desc	ription	s which h	ave ac	tually be	dil 5 Rineraes Wg	aled (lisereverse side of
	1									
			d to the v	vell until all	intere	sts have	been c	onsolida	ted (by con	munitization, unitization,
lorced-poo	ling, o	otherwise)	or until a	non-standar	d unit,	eliminati	ng sucl	h interes	ts, has been	approved by the Division
	-	•				5. 		·····		
······						1				CERTIFICATION
						1				•
	i	500 24	тбс	, R.26 E.	NM	PIM.				certify that the information con-
	1	Jec. 24,	1.0 5.	, R.20 D.	,	1				rein Is-live and complete to the y knowledge and belief.
	ł					ł			Destorm	
							•		<u>3.7</u>	. Marks pm
	l								Name	471110
						1			R. E. M	ATHIS
	1					1			1	ORY COORDINATOR
	1	1				1	•		Company	
						1			MESA PE	TROLEUM CO.
	l					1			Date	al. 109a
						1			AUGUST	24, 1982
		L								
	•	l				1			1 hereby	certily that the well location
	1				•	1			shown on	this plut was platted from field
	1					1 1				octual surveys mode by me or
175	0'	L				1				supervision, and that the same
						1				ond correct to the best of my e ond belief.
MESA ETAL	_					i —			Anow 14 0g	
		-+-				- <u>1</u>			/ /	NO. JAOUR
NM-31098		750				1 ·			Dute Sur	CA NEA, OT
		17				1				1914t 10 01082
						1			Heulstered	1'g + 6298 Finalhoer
U. S. A.						Ì			and the	
		1				ł				Anness AP L.& L.S
		<u> </u>							Centilicule	No. MUTESSION
· · · · · · · · · · · · · · · · · ·	۹	}			• • • •	• • • • • • • • • • • • • • • • • • •	1	,	V/	6299
هغه مدد ما			. 2310 24	40 3000	1 70					

APPLICATION FOR PERMIT TO DRILL

MESA PETROLEUM CO. LEILA FEDERAL #4 1980^{1...}FSL & 1980' FWL, SEC 24, T6S, R26E CHAVES COUNTY, NEW MEXICO

LEASE NO. NM-31098

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

1. Applicable portions of the <u>GENERAL REQUIREMENTS FOR OIL AND 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:
	SEVEN RIVERS	Surface
	SAN ANDRES	917
	GLORIETA	1884
	TUBB	3365
	ABO	3990

3. Hydrocarbon bearing strata may occur in the Abo formation(s). No fresh water is expected to be encountered below 950'.

4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. See Exhibit VI. Anticipate drilling with mud, air or foam using ram type preventer and rotating head for well control. The 10 3/4" casing will be set at approximately 950' to protect any fresh water zones and cemented to the surface. The 7 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 test 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 ten days with completion operations to follow as soon as a completion unit is available.

1993年3月1月17日第17日第1月1日1日1月1日1日1日(1995年)(Million Contract State State State States Contract States Contract State





