SUBMIT IN TRIPLICATE*

Form approved, Budget Bureau No. 42-R1425.

(Other instructions on reverse side)

UNITED STATES

		ITED STATE		100	reverse s	ide)	30-045-34981 5. lease designation and serial no.
		NT OF THE		IUR			
	GEO	LOGICAL SUR	VEY				MM 12233
APPLICATIO	n for permi	I TO DRILL,	DEEPE	N, OR I	PLUG E	3ACK	6. IF INDIAN, ALLOTTEE OF TRIBE NAME
a. Type of Work	ILL XX	DEEPEN		וח	LIC DA	CV []	7, UNIT AGREEMENT NAME
b. Type of well	ILL AA	DEEPEN		ri.	.UG BA	CK []	a often a from the control of the co
WELL XX	AS OTHER		SIN ZON	GLE C	MULTIF Zon e	LE	S, FARM OR LEASE NAME
NAME OF OPERATOR							SOUTH BLANCO FEDERAL 25
MESA PETROLEU	M CO.						9. WELL NO. 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	2800 Lincoln	Center. Der	over. C	olorado	80264	′ 4	10. FIELD AND POOL, OR WILDCAT
LOCATION OF WELL (R							LYBROOK GALLUP EXT
At surface	910'/N & 66	0'/W					II. SEC., T., R., M., OR BLK.
At proposed prod. zor							
4. DISTANCE IN MILES	SAME	FAREST TOWN OR PO	ST OFFICE		-		25-24N-8W = 5 12. COUNTY OR PARISH 13. STATE
				٧.			SAN JUAN NEW MEXIC
5. DISTANCE FROM PROP LOCATION TO NEARES			16. No.	OF ACRES IN	LEASE		OF ACRES ASSIGNED THIS WELL
PROPERTY OR LEASE I	LINE, FT.	-	10	80		10	1 40 1 1 2 3 5 =
S. DISTANCE FROM PROI TO NEAREST WELL, D	OSED LOCATION*		19. PRO	POSED DEPTH		20. кот	TARY OR CABLE TOOLS
OR APPLIED FOR, ON TH	IS LEASE, FT.		57	50			ROTARY
1. ELEVATIONS (Show wh	ether DF, RT, GR, etc.	•				Ξ.	22. APPROX. DATE WORK WILL START*
6895 GL s.		PROPOSED CAS	ING AND	CEMENTIN	G PROCE	4.3/	- December 20, 1980
	1					1	
12 1/4	size of casing 8 5/8	WEIGHT PER	FOOT	SETTING	DEPTH	<u> </u>	250 SKS
7 7/8	4 1/2	10.5		<u>250</u> 5750		· -	950 sks
						=	
for all years and a second	i dalakatiya	Į.	I			1	불 통 흡흡 이 살 지불이 걸었다는 됐다.
(SEE ATTACHME	NTS)						នាំធ្នាំ ទៀត បន្ទឹក្សា និគីម៉ី
(020	,						
GAS UNDER THI	S LEASE IS NO'	r DEDICATED	TO A C	ONTRACT			
						-	CPENA
PERIOD Chaberton	ATT NOTITED ARE						/ RELEIVED/
CHUTELL STATE	e j. totaghe)					/
V							JAN 15 1981
							OIL CON. COM.
							DIST. 3
ABOVE SPACE DESCRIBE	PEOPOSED PROGRAM:	If proposal is to de	epen or plu	ıg back, give	data on n	resent bro	eductive zone and proposed new productive
ne. If proposal is to	drill or deepen directi						ed and true vertical depths. Give blowout
eventer program, if an							
1 a har	Olol an	00-	ITLE AG	ENT		-	DATE Decmeber 5, 1980
SIGNED HN AL	EXANDER/		ITLE				DATE DOCUMENT 3, 1900
(This shee for Fede	ral or State office use)	a.) J	-				가 있다. 현실 시간 이 등 시간 등 시간 등 기간
PERMIT NO.	<u> </u>		A	PPROVAL DAT	Е		<u>- 그 역 시 관련 사람 회장의 법</u>
į	A 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	01 a				;	4 夏 5 新 養 4 養 4 養 4 葡萄 8 費
CONDITIONS OF APPROV	or Residence la la	mstra	ITLE				2 2 2 5 5 2 2 3 3 2 3 3 3 3 3 3 3 3 3 3

OIL CONSERVATION DIVISION .

STATE OF NEW MEXICO

P. O. BOX 2088 CRSY NO MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

Form C-107 kevised 10-1-78

Maria de la compansión		All distances must be	e from the cutes bound	Inites of the Section	· · · · · · · · · · · · · · · · · · ·	
Cylin ration			Legae			Well No.
	LEUM COMPANY	[ANCO-FEDERAL	25	4
Unit Letter D	Section 25	ZLN .	Эш ч. 8W	County San	Juan	
Actual Footage Loca		m+in .	nd 660		West	
910 Craund Level Elev:	feet from the NO Producing For	rth line o	p∞1	feet from the		line dicated Acreage:
6895	GALLUP		LYBROOK	CALLUD		40 Acres
1. Outline th	e acreage dedica		well by colored p	encil or hachure		
	ommunitization, i	mitization, force-p			nterests of a	ll owners been consoli-
If answer if this form if No allowab	s "no," list the necessary.)le will be assign	owners and tract d	escriptions which l	been consolidate	ed (by commi	ed. (Use reverse side of mitization, unitization, pproved by the Commis-
6601			1 1		I hereby cer	CERTIFICATION tify that the information con- in is true and complete to the nowledge and belief.
Control of the Contro						CANDER
	Se	c.	 		December	5, 1980
	 	25	 	OILC	notes of oc	e plat was plotted from field tupl surveys made by me or pervision, and that the same correct to the best of my tables.
•	l l	e: 1"=1000°	 		Novembe: Novembe: Registered Product Linds: Fred B: Certificate No. 3950	essional Engineer or o g Keir-Jr.
forced-pool sion.	ing, or otherwise) Se I I I I I I I I I I I I I	c.		ing such interests	I hereby certained hereit best of miles of occupant motes occupant motes of occupant motes	CERTIFICATION tify that the information on is true and complete to nowledge and belief. ANDER COLEUM CO. 5, 1980 criffy that the well local plat was plotted from final surveys made by many prevision, and that the source to the best of the belief. CENTER OF TENER OF THE STATE OF THE ST

FORMATION INFORMATION AND DRILLING PRACTICES

MESA PETROLEUM

SOUTH BLANCO FEDERAL 25 No. 4 910'/N & 660'/W 25-T24N-R8W San Juan Co., N.M.

LEASE NO. NM 12233

1. Surface Formation - Nacimiento

2. Estimated Formation Tops

Pictured Cliffs	20 25
Point Lookout	4310
Gallup	5350

3. Estimated Depth of Anticipated Water, Oil, Gas or Minerals

5350' oil

4. Proposed Casing Program

0-2501	8 5/8" 54# K-55 new casing; cement to be 250 sks class "B" & 2% CaCl2
	4½" 10.5# K-55 new casing; 1st stage 200 sks Halliburton light followed
	by 150 sks class "B" w/ 2% gel; 2nd stage 600 sks Halliburton light w/
	61# Gilsonite/sk. Stage tool to be below Chacra.

5. Pressure Control Equipment - Blowout Preventer

The attached schematic shows the type of blowout preventer to be used while drilling. The unit will be tested to 1000 psi prior to drilling from under surface pipe by pressuring through casing valves with blind ram closed. This procedure will be repeated with the pipe rams closed on a pint of drillpipe. Operation of the hydraulic system will be checked daily.

6. Drilling Fluids

Depth	Type	Vis	Weight	Fluid Loss
0-250	gel-lime	35-45	8.6-9.0	N/L
250 - 575 0	low-solids	30-40	8.6-11.5	10

7. Auxiliary Equipment

- a. bit float
- b. stabbing valve to be used in drill pipe when kelly is not connected.

8. Logging - Coring - Testing Program

Logging - Open hole ; IES, FDC, GR, Caliper

Testing - None planned Coring - None planned

9. Abnormal Temperatures, Pressures or Potential Hazards

There may be abnormal gas pressure in the Fruitland zone. A rotating head and careful mud control should negate this danger.

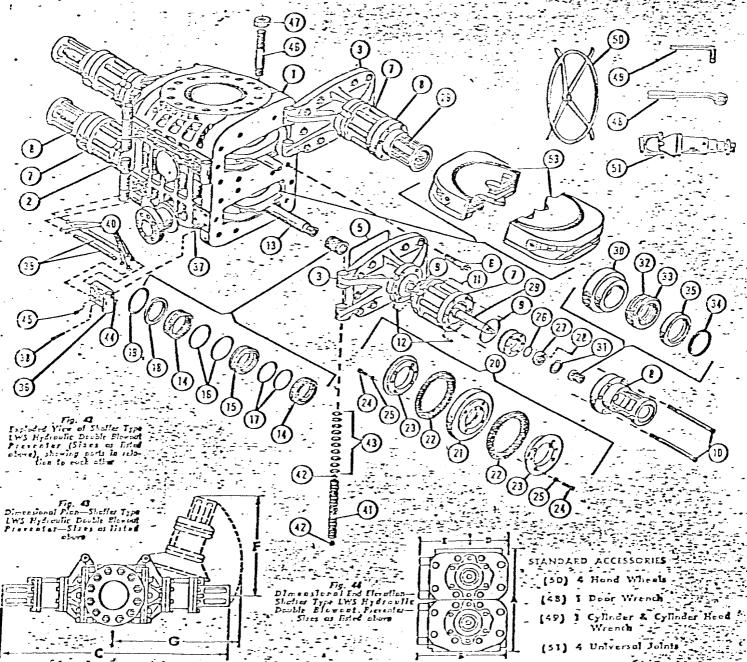
10. Starting Date

Anticipated starting date is December 20, 1980. Approximately 10 days will be needed to build roads and location, and drill the well to total depth. Completion will commence immediately, and require approximately 20 days.

SHAFFER HYDRAULIC BLOWOUT PREVENTERS

TYPELWS PREVENTERS—8", 3000 lb. & 5000 lb.—10", 5000 lb. 12", 3000 lb.—735/8", 5000 lb.—16", 3000 lb.

PARTS AND DIMENSIONAL ILLUSTRATIONS



DIMENSIONAL AND ENGINEERING DATA ON ABOVE SIZES OF TYPE LWS PREVENTERS

										-										
				.::		T	7	•	1	-	1	C	D	1 2	7	G] :=	يات يتر	::	
•	Y 15	· ·			1	r v = U	1	В.	Che.		1		1		-	Dar.	2.00		Cale	12 13
•	Time	7-0	×	31-2	\$16276	l Farge	_ ⊆.	de ·	D.	130 -] :	1	Crim	Cola	Ĉ,	C,-ca	- F		∏e4 Te	To all
5-4	2.0.2	Press	Terferal Zare	7.4	Staffe	Desir	Stalled Frank	Paris	Stellal Forts	1	27	I z:b	7.	To Fear	Carfe	Charge	Face	احت س 0 محدد	Crus Zumi	Cy⊂a Zu ma
F	3,:no	c.mo	80	7"	•-:•	25/20			25 H.	4135"	296	75%	1114"	1155	770	41"	1.8 to 1	15561	2.75	23
380	1.00	שייזני זניים	11"	33.4	1220	23-30 7-700	3737	ич.	77.57	41.H	2. X	EX.	110	34,4	и. И	45°	17 m	127 50 1	2.73	2.7
120	מכנ מיינ	11 LLC	225	3.56	1,550	\$ 200 \$ 200 \$ 200	مهوبد	21.50	2115	474	31K	EX.	17.	1137	ਸ਼ਾਂ ਵਾ	H.	177 10 1	13 401	뀰	2.9
	326	t me	1:2	::-{		1 5-70			3 ′	515	34.35	nKH.	38.50	24.4	_ בב	w	1 27 70 1	127.601	34]	73,

SURFACE DEVELOPMENT PLAN

MESA PETROLEUM

SOUTH BLANCO FEDERAL 25 No. 4 910'/N & 660'/W 25-24N-8W San Juan Co., N.M.

LEASE NO. NM 12233

1. Existing Roads (Shown in Green)

The attached topographic map slows all existing roads within one mile of the proposed location. The access road will join State Hwy.44 as indicated. The existing roads should bear normal drilling operation traffic, and will not have to be upgraded.

2. Planned Access Road (Shown in Red)

The new access road will be about 3/4 mile long and 20' wide. No turnouts will be needed. WAterbars will be used to aid drainage and prevent erosion; maximum grade will be about 10%. This road follows an existing trail.

3. Location of Existing Wells

All wells (water, disposal, drilling) are shown and so labeled on the topographic map.

4. Location of Tank Batteries, Prod. Facilities, & Prod. Gathering & Service Lines

All production facilities are to be contained within the proposed location site. Other facilities operated by Mesa are shown on the attached topographic map.

5. Location and Type of Water Supply

Water for drilling will be trucked from the Chapman's waterhole approximately 1 mile to the south. Water is privately owned.

6. Source of Construction Materials

Any construction material required for road or location will be excess material accumulated from building of such sites.

7. Methods of Handling Waste Disposal

The location of the reserve and burn pit is shown on the attached drillsite layout. All trash and burnable material will be burned in the burn pit when safety permits. All nonburnable material (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

- 8. A portable chemical toilet will be supplied for human waste.
- 9. Ancillary Facilities No ancillary facilities are planned.

10. Well Site Layout

The attached layout shows drilling rig w/ all associated facilities. Cut and fill required is also indicated.

11. Plans for Restoration of Surface

Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private landowner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burning of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and hauling off of any oil that may have accumulated on the pits while drilling.

12. Other Information

The location lies on a gentle southwesterly sloping hill. The area is rugged and covered by native grasses and bushes. There are no occupied dwellings on the location. The surface is federally owned. No artifacts or cultural sites were noticed.

- 13. JOHN ALEXANDER
 3E Company, Inc.
 P. 0. Box 190
 Farmington, NM 87401
 Phone: 505-327-4020
- 14. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route;, that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Mesa Petroleum Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

December 5, 1980

JA:cp

