UNITED STATES DEPARTMENT OF THE INTERIOR

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F	Budget :	Bureau	No.	42-R1425

	UNIT DEPARTMENT	ED STATES OF THE IN		reverse s		30:- 345- 5. LEASE DESIGNATION	- 32151 70 F
		GICAL SURVEY				NM 021119	AND BURIAL NO.
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MESA PETROLE	EUM CO.					9. WELL NO.	200 P
3. ADDRESS OF OPERATOR						1 2 2	₹ v ?
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At surface	/S, 790¹/E	in accordance with	any State required	uenta. )	9.0	11, SEC., T., R., M., O	: 17
<i>r</i>				_	วาอร์	AND SURVEY OR	AREAS S
At proposed prod. zone					7	5 SEC 9, T29	)N, R12W
14. DISTANCE IN MILES A	ND DIRECTION FROM NEAR	EST TOWN OR POST (	FFICE*		20.45	12. COUNTY OR PARIS	NEW MEXICO
16 DICTINGS SDOW BRODGE	PPD\$	1	6. NO. OF ACRES 1	IN LEASE	1 17 NO.	OF ACRES ASSIGNED	1 NEW MEYICO
15. DISTANCE FROM PROPOS LOCATION TO NEAREST PROPERTY OR LEASE LI	NE, FT.	1			TOT	320	
(Also to nearest drlg. 18. DISTANCE FROM PROPO	unit line, if any)		320 9. PROPOSED DEPT	н	_1	ARY OR CABLE TOOLS	<u> </u>
TO NEAKEST WELL, DR OR APPLIED FOR, ON THIS	ILLING, COMPLETED,		6500 <b>'</b>		l in	ROTARY	
21. ELEVATIONS (Show whet	ther DF, RT, GR, etc.)	<u></u>			a dippi.	22. APPROX. DATE	WORK WILL START
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<i> </i>	FARM				300	10	STEEN /
IN ABOVE SPACE DESCRIBE zone. If proposal is to d	PROPOSED PROGRAM: If p	proposal is to deepen	or plug back, giv	e data on p	resent prod	fuctive zone and prop	sed new productive pths. Gireblowout
preventer program, if any.		ny, give pertinent u	ata vii subsuirace	Tocations a	7 E		
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## OIL CONSERVATION DIVISION

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

## P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

All distances must be from the cuter boundaries of the Section

		All distances must t	or from the cuter boun	deries of the Secti	om.			
Cperator	Trine course		Lease			Well No.		
	LEUM COMPANY	I.m. N.	FEDERAL	12	1 9-B			
Unit Letter	Section	Township	Range	County	_	_		
P	9	29N	12W	Sai	ı Juan			
Actual Footage Lo		1						
790		bouth ine	<sub>end</sub> 790	feet from the	East	line		
Ground Level Elev.	. Producing For	mation	P∞l	,		Dedicated Acreage:		
5655	Dakot <b>a</b>		Basin Dak	ota		320 - Acres		
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dated by	communitization, c	initization, force p				•		
Yes	☐ No If an	nswer is "yes," ty	pe of consolidation	1				
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	is "no," list the	owners and tract o	lescriptions which	have actually l	oeen consolid	ated. (Use reverse side of		
No allowa	ble will be assign	ed to the well unti	l all interests have	e been consolid	ated (by com	munitization, unitization,		
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### MESA PETROLEUM COMPANY

Formation Information and Drilling Practices

WELL:

Federal # 9 E

LOCATION:

790'/S and 790'/E
S.9-T'29N- R12W
San Juan County, NM

LEASE NUMBER:

021119

### 1. Surface Formation Nacimiento

### 2. Estimated Formation Tops

Ojo Alamo	310'	Greenhorn	6100 <b>'</b>
Pictured Cliffs	1700:	Dakota	6200 <b>'</b>
Cliff House	32 <b>60</b>		
Point Lookout	4070 <b>'</b>		

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

1700'	Gas	4070'	Gas
3260'	Gas	6200'	Gas

### 4. Proposed Casing Program

0-300' 10 3/4", 40.5#, ST&C new casing. Cement with 300 sk. Class "B" + 2% CaCl<sub>2</sub>

0-1900' 7",20#, K-55 ST&C new casing. Cement with 100 sk. 65-35 Pozmix w/12% gel and  $12\frac{1}{2}$  lb. Gilsonite/sk. followed by 100 sk. class "B" + 2% CaCl<sub>2</sub> +  $12\frac{1}{2}$  lb. Gilsonite/sk.

1700'-6500'  $4\frac{1}{2}$ ", 10.5#, ST&C new liner. Cement to be 600 sk. 50-50 Pozmix w/2% gel and  $6\frac{1}{4}$  lb. Gilsonite/sk.

### 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 800 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 joint of drill pipe. Operation of the hydraulic system will be checked daily.

#### 6. Drilling Fluids

Depth	Type	Vis	Weight	Fluid Loss
0-300	gel-lime	35-45	8.6-9.0	N/L
300-1900	low-solids	30-40	8.6-11.5	10
1900-6500	Air			

### 7. Auxiliary Equipment

- a. Bit float
- b. Stabbing valve to be used in drill pipe when kelly is not connected
- c. Rotating drilling head.

### 8. Logging - Coring - Testing

Logging: Intermediate: IES, FDC/CNL, Caliper, GR Liner: GR-Induction, FDC, Caliper

Coring: None planned Testing: None planned

### 9. Abnormal Temperatures, Pressures, Potential Hazards

None expected.

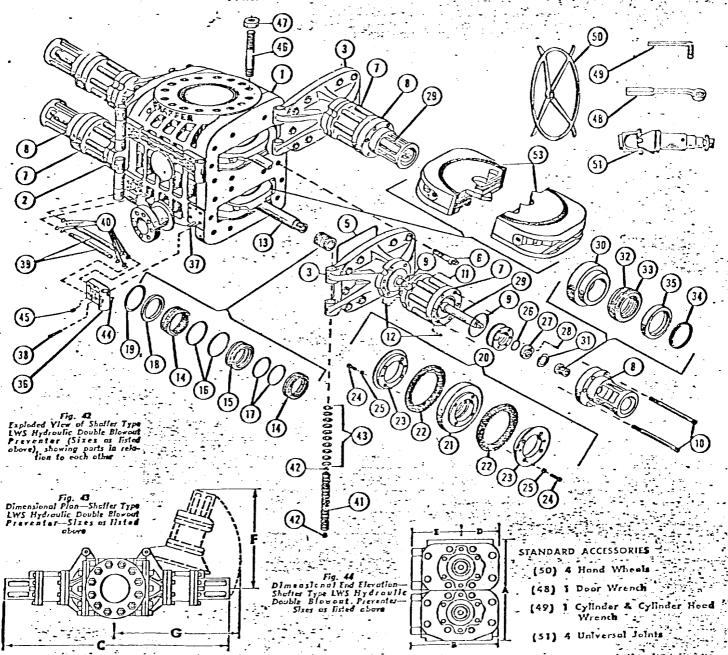
10. Starting Date Anticipated starting date is November 15, 1979.

Approximately 15 days will be needed to build roads, location and drill to total depth. Completion will commence immediately and require approximately 20 days.

# SHAFFER HYDRAULIC BLOWOUT PREVENTERS (Potented)

TYPE LWS PREVENTERS—8", 3000 Lb. & 5000 lb.—10", 5000 Lb. 12", 3000 Lb.—73%", 5000 Lb.—16", 3000 Lb.

PARTS AND DIMENSIONAL ILLUSTRATIONS



DIMENSIONAL AND ENGINEERING DATA ON ABOVE SIZES OF TYPE LWS PREVENTERS

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### MESA PETROLEUM COMPANY

Surface Use Plan

WELL:

Federal #9E

LOCATION:

790'/S and 790'/E
S.9-T29N-R12W
San Juan County, NM

LEASE #:

021119

## 1. Existing Roads (shown in green)

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join an existing lease road.

### 2. Planned Access Road

The access road will be approximately 2100' long and 20' wide. No turnouts will be needed. Water bars will be used to aid drainage and prevent erosion. Max. grade will be about 5%. No fences or cattleguards will be crossed.

### 3. Location of Existing Wells

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

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines
All production facilities are to be contained within the proposed site. Other
facilities operated by Mesa are shown on the attached topographic map.

## 5. Location of Water Supply

Water for drilling will be trucked from Aztec, NM approximately 8 miles east of the location. Water is privately owned.

## 6. Source of Construction Materials

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

## 7. Methods of Handling Waste Disposal (Refer to attached well site layout)

All burnable material will be burned in the trash pit when conditions permit. All nonburnable material (drilling fluids, cuttings, chemicals, etc.) will be held in the reserve pit and buried when dry. Any oil produced while drilling will be trucked from the location prior to leaving the pit to dry. Pits will be fenced during dryout time, then completely backfilled with dirt prior to preparing the location for production or abandonment. Material that cannot be otherwise safely disposed of will be hauled to a sanitary land fill.

### 8. Ancillary Facilities

No ancillary facilities are planned.

### 9. Well Site Layout

The attached layout shows the drilling rig with all facilities. Cut and fill required is also indicated.

### 10. Plans for Restoration of Surface

Restoration of well site and access road will begin within 90 days of well completion, weather permitting. Should the well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed and leveled. Both site and road will have topsoil replaced and will be reseeded when germination can occur.

Should the well be commercial, that portion of the location not needed for operation will be repaired as above. The portion needed for daily production operations and the access road, will be maintained in good repair.

In either case, cleanup of the site will include burning any safely burnable material, filling of all pits, carrying away of all nonburnable material and chemicals that cannot be buried. Any oil that has accumulated on the pits

will be trucked away.

### 11. Other Information

This well is located about 2 miles north of San Juan County Fairgrounds. The area is rugged and covered with sagebrush, yucca, pinon and cedar trees. The soil is a sandy clay. Small animals and rodents inhabit the area.

Surface belongs to the Bureau of Land Management. There are no occupied dwellings in the area. No artifacts were noticed.

- 12. John Alexander
  3E Company, Inc.
  P.O. Box 190
  Farmington, NM 87401
  Phone: 505-327-4020
- 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site 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.

10-22-19

John ALEXANDER

JA:cp

