SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

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	LX	DEEPEN (PLU	IG BAC	K 🗆 🗓	7. UNIT	GREEMENT	NAME 3	•
D. TYPE OF WELL OIL [V] GAS			SINGLE ZONE		MULTIPL ZONE	• n 🖺	S. FARM	DE LEASE N	AMB: 3	_
WELL A WEI	LL OTHER		ZUNE		20112		SÕUT	H BLÂN	0 6	_
MESA PETRO	OLEUM	_				<u> </u>	9. WELL			
3. ADDRESS OF OPERATOR						-	<u> </u>	<u> </u>	<u> </u>	
Box 2009,	Amarillo, Texa	as 79105					10. FIELD	AND POOL,	OR WILDO	TAT:
4. LOCATION OF WELL (Rep	ort location clearly and	in accordance wit	h any State	requiremen	at s.*)	. .		OOK GAI		ent
At surface	30'/N, 330'/E						11. SEC.,	T., R., M., OI SURVEY OR	R BLK.	
At proposed prod. zone							7 00	N 7U-		
	same							N-7W	H 1 13, 87	ATE
14. DISTANCE IN MILES AT	ND DIRECTION FROM NEAR	REST TOWN OR POS	T OFFICE*				RIO AR	-	+ .	MEXICO
15. DISTANCE FROM PROPOS	ED*		16. NO. OF	ACRES IN	LEASE		OF ACRES AS			
LOCATION TO NEAREST PROPERTY OR LEASE LU (Also to nearest drlg.	NE. FT.		241.26			TOT	40.4	ศ-	1 2	
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TO NEAREST WELL, DRI OR APPLIED FOR, ON THIS	ILLING, COMPLETED,		5700	•			ROTA		* > }	
21. ELEVATIONS (Show whet	her DF, RT, GR, etc.)					8, ±	22. APP	ROX. DATE	WORK WILL	START*
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a Calin Mundur	AGENT AGENT		DATS	June 22,	1979
JOHN ALEXANDER	// TITLE				
(This space for Federal or State office use)	APPROVAL DATE				
PERMIT NO.	APPROVAL DATE	. •	-		
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	· ·	DATE		

ok Frank

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. Well No. Operator SOUTH BLANCO 6 1 PETROLEUM COMPANY County Township Range Section Unit Letter Rio Arriba 6 23N Actual Footage Location of Well: feet from the East 330 North line 330 feet from the line and Dedicated Acreage: Producing Formation Ground Level Elev. Lybrook Gallup 40,49 Acres Gallup 7013 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? ☐ No If answer is "yes," type of consolidation ___ Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION 3301 I hereby certify that the information contained herein is true and complete to the of my knowledge and belief. JOHN ALEXANDER Position AGENT Company MESA PETROLEUM June 22, 1979 Sec. 6 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surve June Register and/or 1 Certificate No. 3950 500

1000

2310

2000

1500

FORMATION INFORMATION AND DRILLING PRACTICES

MESA PETROLEUM

WELL: SOUTH BLANCO 6 No. 1
LOCATION: 330' FNL and 330' FEL
Sec. 6 -T23N-R7W
RIO ARRIBA CO., N.M.
LEASE NO. NM 23050

1) Surface Formation

Wasatch

2) Estimated Formation Tops

Kirtland 1460' Mancos 4570' Fruitland 1900' Gallup 5360' Cliffhouse 3520'

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

5360 oil

4) Proposed Casing Program

0-250' 9 5/8", 36#, K-55, new casing. Cement to be 200 sk. class "B" + 2% CaCl₂.

250-5700' 5 1/2", 15.5# K-55, new casing - first stage 200 sk Halliburton light followed by 150 sk. class "B" with 2% gel. Second stage 600 sk. Halliburton light with 6 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
0-250	gel-lime	35-45	8.6-9.0	N/L
250-5750	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 the kelly is not connected

8) Logging-Coring and Testing Program

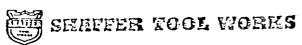
Logging- Open hole- IES, FOC, GR, Caliper Testing- None planned Coring - None planned

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

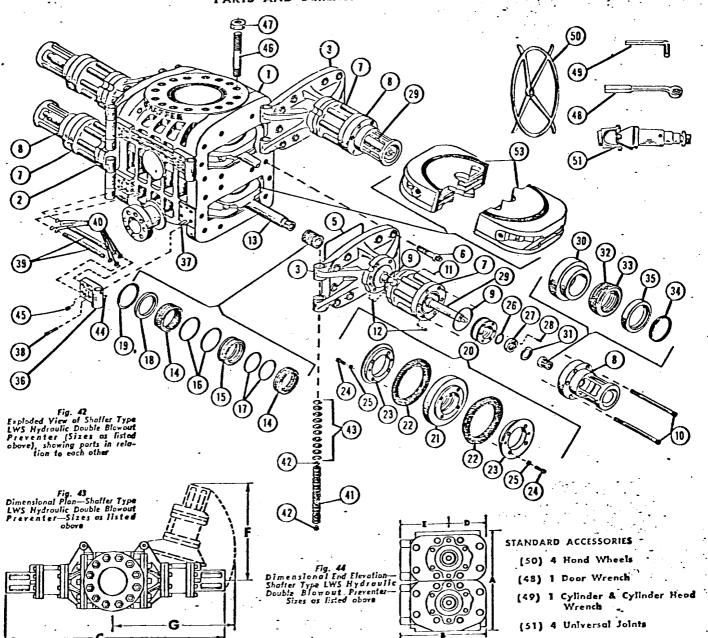
Anticipated starting date is July 31, 1979. Approximately 10 days will be needed to build roads and location and drill the well to total depth. Completion will commence immediately and require approximately 20 days.



SHAFFER HYDRAULIC BLOWOUT PREVENTERS (Fotented)

TYPE LWS PREVENTERS—8", 3000 Lb. & 5000 lb.—10", 5000 Lb. 12", 3000 Lb.—135/8", 5000 Lb.—16", 3000 Lb.

PARTS AND DIMENSIONAL ILLUSTRATIONS



DIMENSIONAL AND ENGINEERING DATA ON ABOVE SIZES OF TYPE LWS PREVENTERS

Refer to Figs. 43 and 44

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SURFACE DEVELOPMENT PLAN

MESA PETROLEUM
WELL: SOUTH BLANCO 6 No. 1
LOCATION: 330' FNL and 330' FEL
SEC. 6-T23N-R7W
RIO ARRIBA CO., N.M.
LEASE NO. NM 23050

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 State Highway 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. Water bars will be used to aid drainage and prevent erosion, maximum grade will be about 10%. No fences will have to be crossed. This road follows an existing trail.

3) Location of Existing Wells

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

4) Location of Tank Batteris, Production Facilities, and Production Gathering and Service Lines

All production facilities are to be contained within the proposed location site. Mesa operates no other facilities in the area.

5) Location and Type of Water Supply

Water for drilling will be trucked from the Chapmans waterhole approximately $1\frac{1}{4}$ miles to the west. 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 drill site 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, and then backfilled with dirt prior to preparing the location for production or abandonment.

7) A portable chemical toilet will be supplied for human waste.

8) Ancillary Facilities

No ancillary facilities are planned.

9) Well Site Layout

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

10) Plans for Restoration of Surface

Restoration of the well site and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner.

Should the well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drill site and road will have any top soil 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 the hauling off of any oil that may have accumulated on the pits while drilling.

11) 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 privately owned. No artifacts or cultural sites 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.

June 22, 1979

John ALEXANDER AUGUSTULAR LEGISCE

JA/clp

