CONDITIONS OF APPROVAL, IF ANY:

SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

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OIL CONSERVATION DIVISION

STATE OF NEW MEXICO LINERGY AND MINURALS DEFARTMENT

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

Form C-102 key1sed 10-1-78

All distances must be from the cuter boundaries of the Section.

														
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Ground Level Elev. 6107	Producing Form	nation / N.V.	Pool Bas	sin Dakota	In	1910	Dedicated Acreage: -320317.0 Keres							
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1. Outline in	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 tha	3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli-													
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Yes	No If an	swer is "yes;	'type of consol	idation	·									
If answer i	s "no," list the	owners and tra	act descriptions	which have ac	tually bee	en consolida	ted. (Use reverse side of							
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MESA PETROLEUM COMPANY

Formation Information and Drilling Practices

WELL:

Trieb 2E

LOCATION:

950'/N & 1550'/E S.33-T30N-R10W

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San Juan Co., NM

LEASE NUMBER:

SF78204-A NM03998

1. Surface Formation

Nacimiento

2. Estimated Formation Tops

Ojo Alamo	1300	Point Lookout	4840
Pictured Cliffs	2550	Greenhorn	6800
Cliff House	4240	Dakota	6910

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

2550	gas	4840	gas
4240	gas	6910	gas

4. Proposed Casing Program

0-300' 10 3/4", 40.5#, K-55 ST&C new casing. Cement w/ 200 sk. class "B" + 2% CaCl₂ 5 1/2", 15.5# & 17# new ST&C casing. Cement 1st stage w/ 325 sk. 50-50 Pozmix + 2% gel. Cement 2nd stage w/ 200 sk 65-35 Pozmix + 12% gel followed by 100 sk 50-50 Pozmix + 2% gel. Estimated cement top 1000'.

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 lind 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
300-7200	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
- c. rotating drilling head

8. Logging - Coring - Testing

Logging: IES, FDC/CNL, Caliper Coring: None planned

Testing: None planned

9. Abnormal temperatures, Pressures or Potential Hazards

None expected.

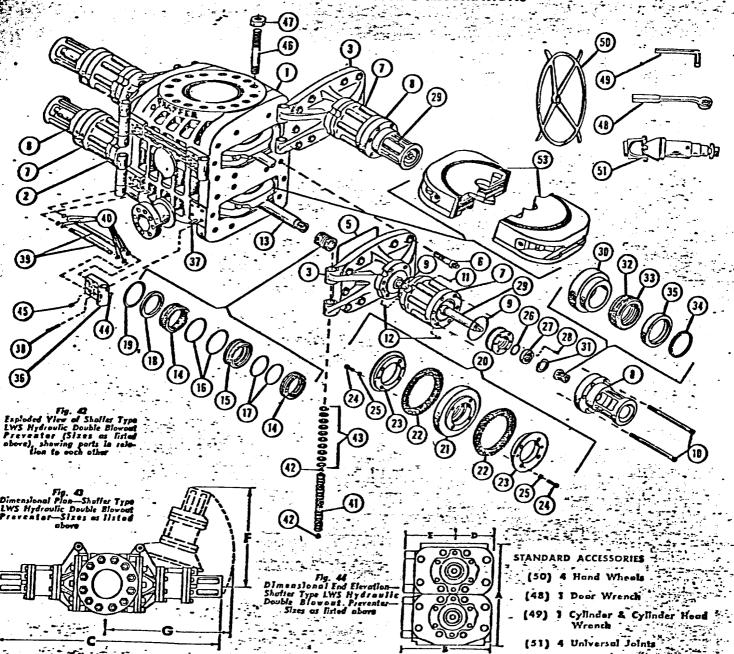
10. Starting Date

Anticipated starting date is December 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 (Patented)

TYPE LWS 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

Refer to Figs. 43 and 44

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MESA PETROLEUM COMPANY

Surface Use Plan

WELL:

Trieb Federal 2E

LOCATION:

950'/N & 1550'/E S.33-T30N-R10W San Juan Co., NM

LEASE NUMBER:

SF78204-A NM03998

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 location.

2. Planned Access Road

The access road will be approximately 800' 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 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 7 miles southwest 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 carried 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 wellsite 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 top soil 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 7 miles southeast of Aztec, NM. 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 dillsite 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.

11-27-74 DATE

JA:cp

