

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Sun Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1980' FNL & 1980' FNL Sec. 15 - Unit Letter -F-

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

1 1/2 miles south from Maljamar, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1980' FNL

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1st Well

19. PROPOSED DEPTH

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Gr. @ 3633.1'

22. APPROX. DATE WORK WILL START*

8-26-74

23.

PROPOSED CASING AND CEMENTING PROGRAM

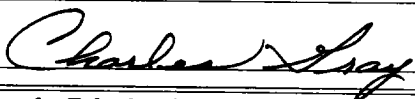
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	350 sz. CIRCULATE
12-1/4"	9-5/8"	32.30#	4400'	1500 sz.
8-3/4"	7" (Liner)	23, 26, & 29#	Top-4100' Bot-11,000'	840 sz.

BOP Program: API Series 600-900 Blind Rams & Pipe Rams
Series 1500 Hydrill Double GateTRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT

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.

24.

SIGNED



TITLE

Proration Analyst

DATE

8-7-74

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

APPROVED

AUG 13 1974

ARTHUR R. BROWN
DISTRICT ENGINEER

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAN**

Form C-102
Supersedes C-128
Effective 1-1-65

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

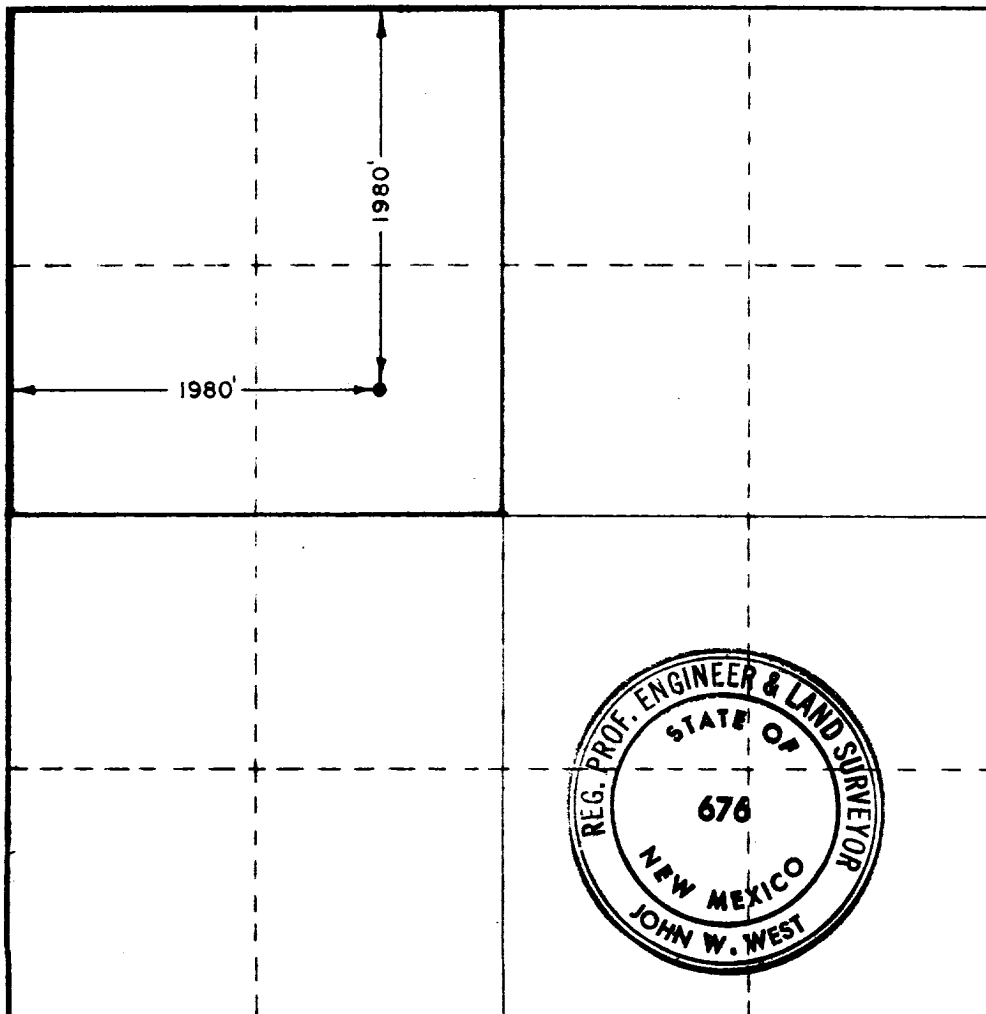
Operator Sun Oil Company			Lease Jennings Federal Com.		Well No. 1
Unit Letter F	Section 15	Township 19 South	Range 32 East	County Lea	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3633.1	Producing Formation Wolfcamp	Pool UNDESIGNATED East Lusk-Wolfcamp		Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitization (SW-905)

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 Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Charles Gray
Name

Charles Gray

Position
Proration Analyst

Company
Sun Oil Company

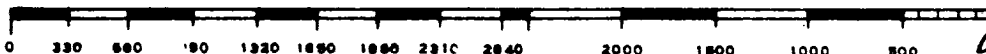
Date
August 7, 1974

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 Surveyed
July 13, 1974

Registered Professional Engineer and/or Land Surveyor

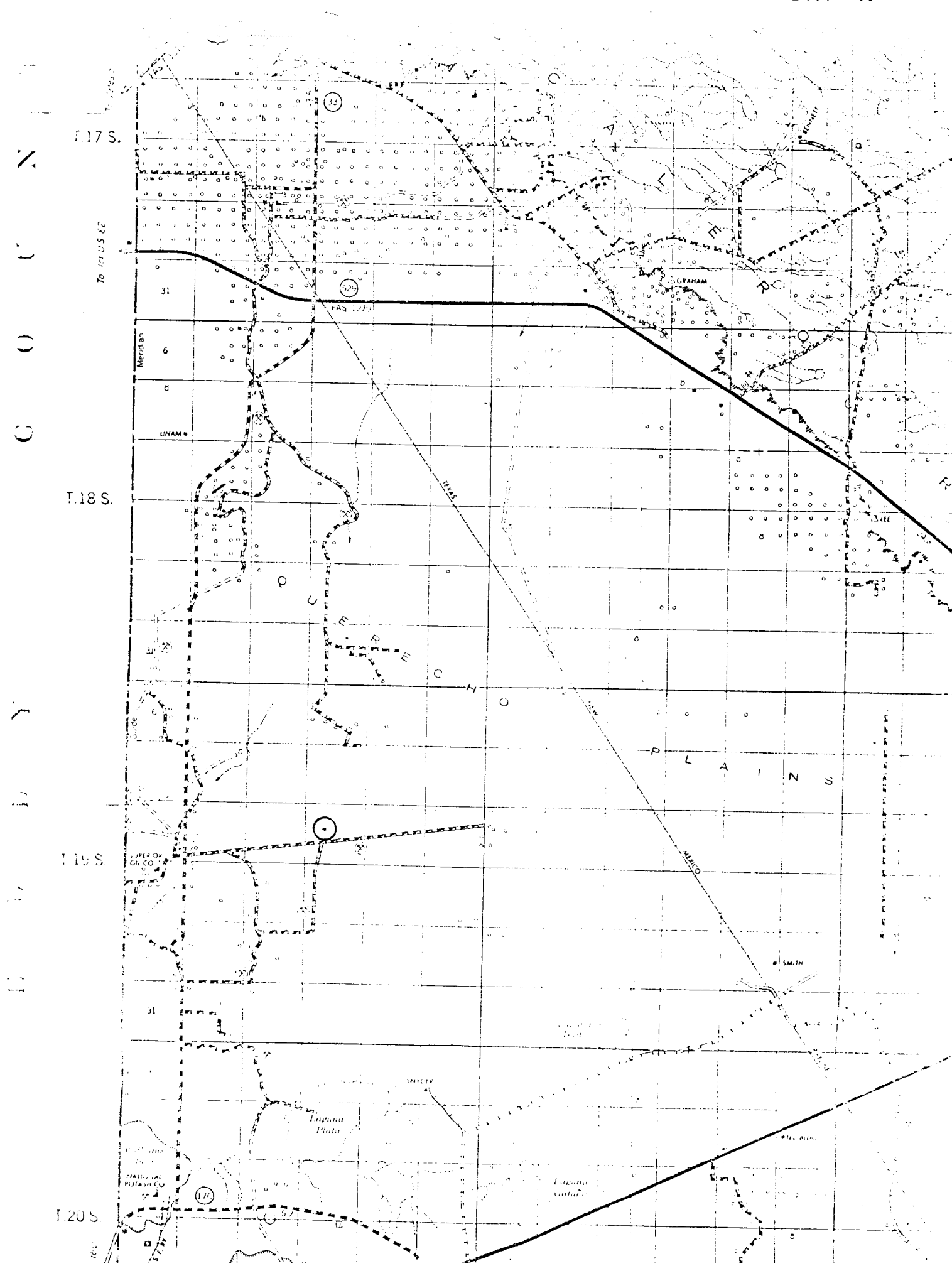
John W. West
Certificate No. **676**

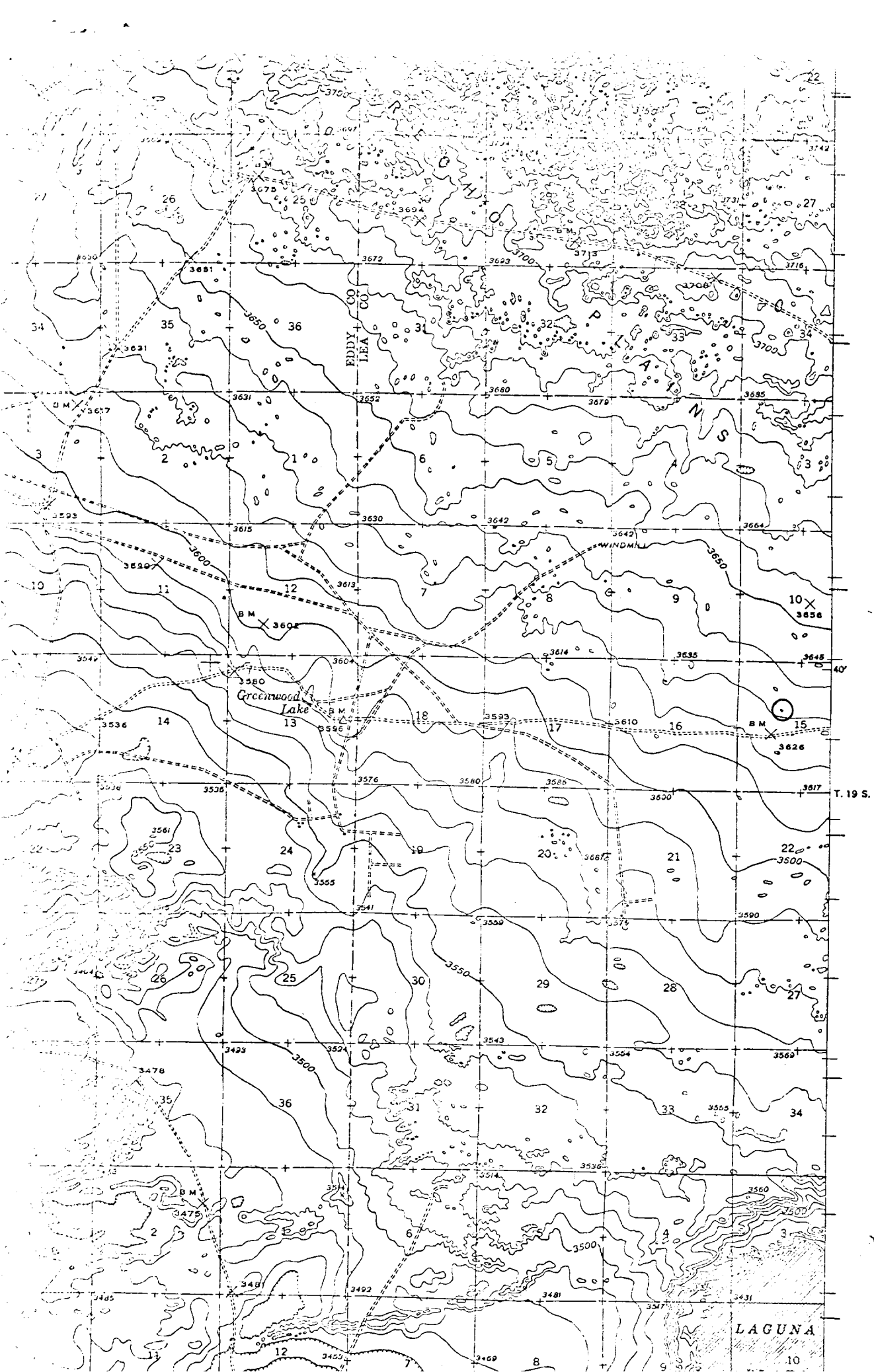


UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

----- 12 POINT ECOLOGICAL PLAN -----

- | | |
|--|--|
| (1). Existing Roads | : <u>Plats A & C</u> |
| (2). Planned Access Roads | : <u>Plat C</u> |
| (3). Location of Wells | : <u>1980' FWL & 1980' FNL Sec. 15, Lea Co.</u> |
| (4). Lateral Roads to Wells Location | : <u>Plats A & C</u> |
| (5). Location of Tank Batteries and Flowlines | : <u>Plat B</u> |
| (6). Locations and Types of Water Supply | : <u>Fresh Water - City of Maljamar</u>
<u>Brine- Haul from Nat'l. Potash Mines</u> |
| (7). Methods for Handling Water Disposal
TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT | : <u>Transport for disposal - place of dis-</u>
<u>posal undetermined.</u> |
| (8). Location of Camps | : <u>None</u> |
| (9). Location of Airstrips | : <u>None</u> |
| (10). Location Layout to Include Position of
the Rig, Mud Tanks, Reserve Pits, Burn
Pits, Pipe Racks, etc | : <u>Plat B</u> |
| (11). Plans for Restoration of the Surface | : <u>Clean location - level and cover all</u>
<u>pits. Surface restoration as required.</u> |
| (12). Any Other Information Which the Approving
Official Considers Essential to His
Assessment of the Impact on the
Environment | : <u>Vegetation - Mesquite & shinrey</u>
<u>Terrain - Sand & rock</u> |

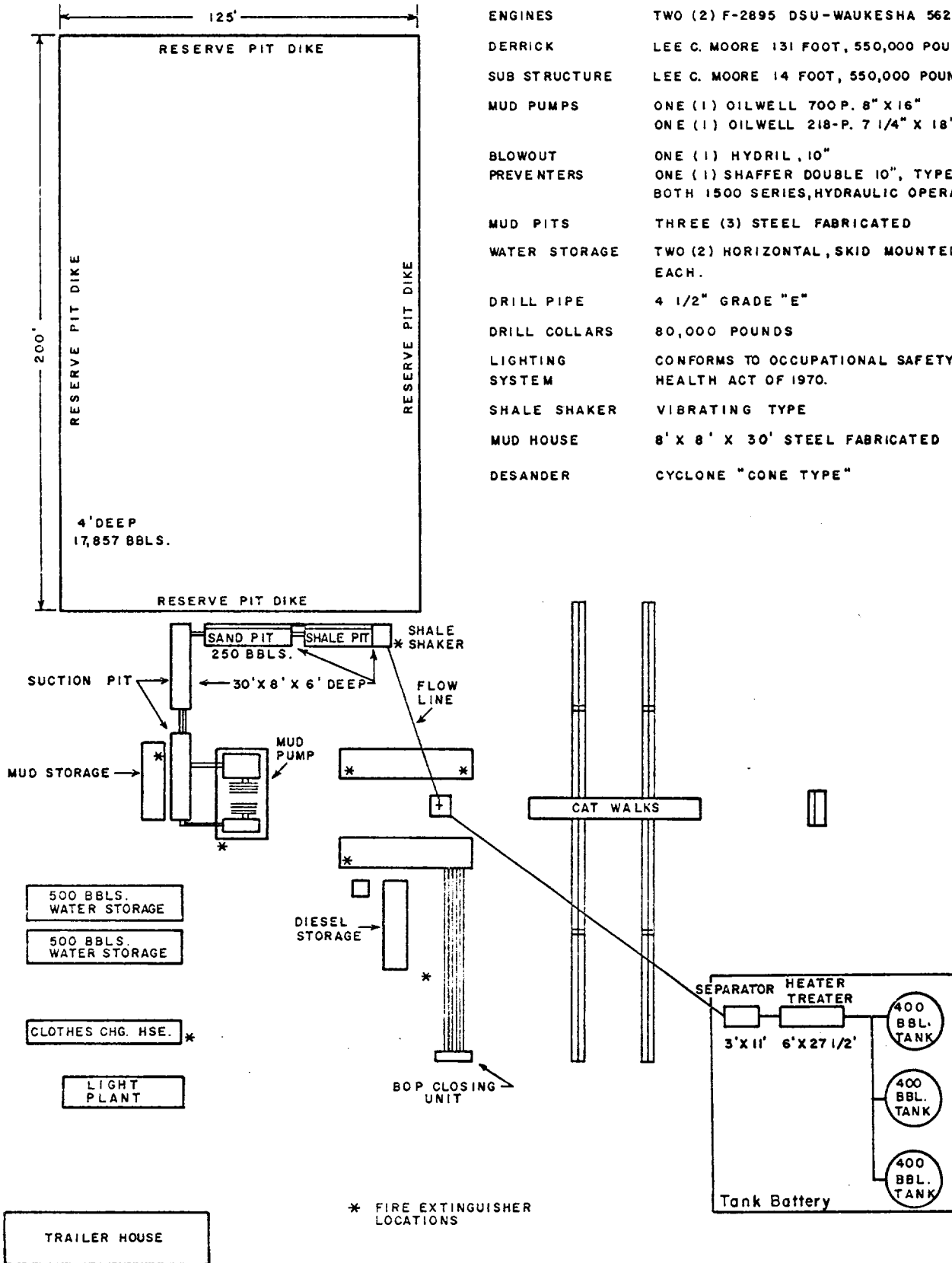




DRAWINGS

OILWELL RATED TO 15,000 FEET, WITH 4 1/2" DRILL PIPE. THIS RIG IS EQUIPPED WITH "AUTOMATIC FEED CONTROL".

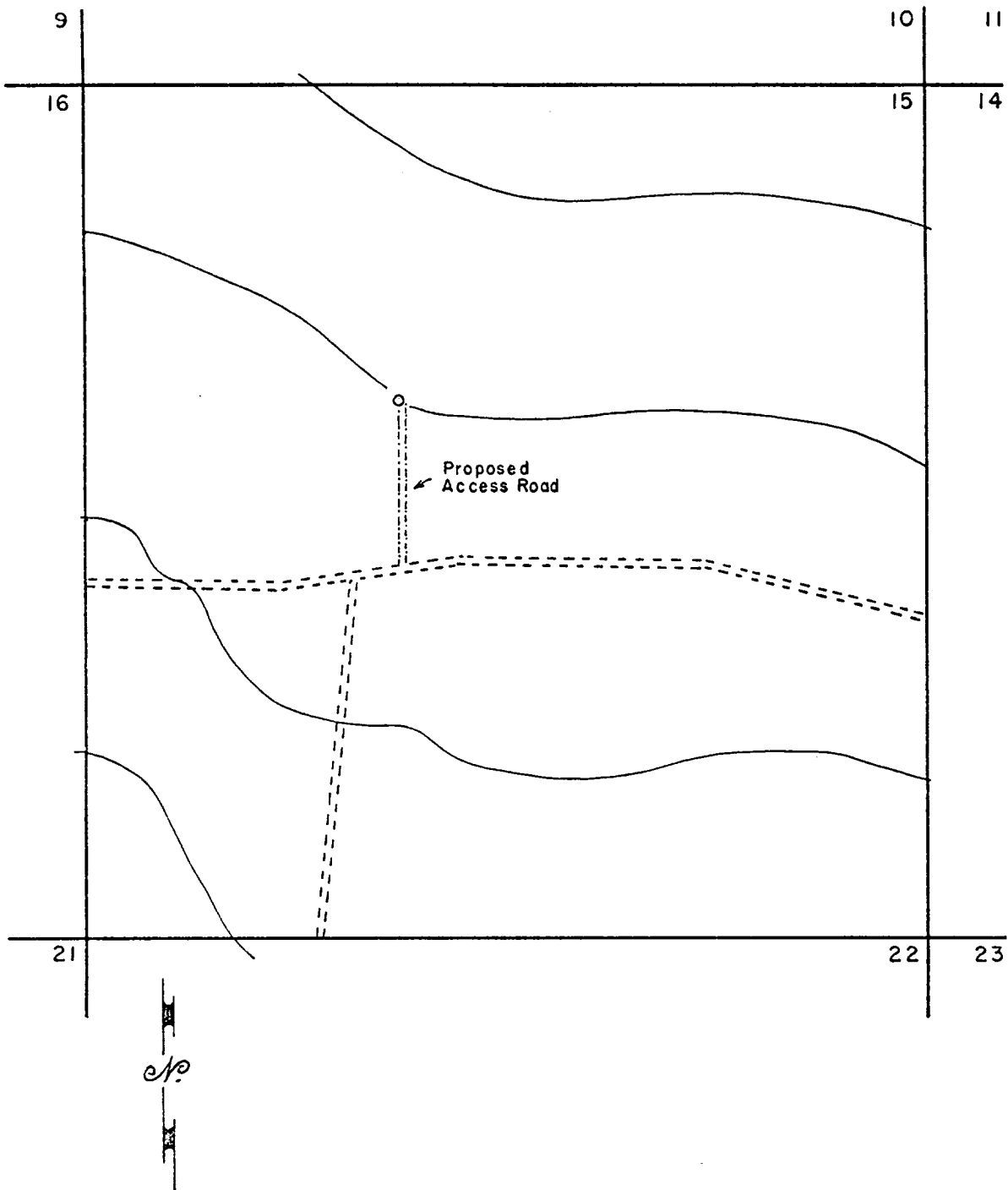
ENGINES	TWO (2) F-2895 DSU-WAUKESHA 562 HP EACH.
DERRICK	LEE C. MOORE 131 FOOT, 550,000 POUND CAPACITY.
SUB STRUCTURE	LEE C. MOORE 14 FOOT, 550,000 POUND CAPACITY.
MUD PUMPS	ONE (1) OILWELL 700-P. 8" X 16" ONE (1) OILWELL 218-P. 7 1/4" X 18"
BLOWOUT PREVENTERS	ONE (1) HYDRIL, 10" ONE (1) SHAFFER DOUBLE 10", TYPE "LWS" BOTH 1500 SERIES, HYDRAULIC OPERATED.
MUD PITS	THREE (3) STEEL FABRICATED
WATER STORAGE	TWO (2) HORIZONTAL, SKID MOUNTED, 500 BARRELS EACH.
DRILL PIPE	4 1/2" GRADE "E"
DRILL COLLARS	80,000 POUNDS
LIGHTING SYSTEM	CONFORMS TO OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.
SHALE SHAKER	VIBRATING TYPE
MUD HOUSE	8' X 8' X 30' STEEL FABRICATED
DESANDER	CYCLONE "CONE TYPE"



JENNINGS FEDERAL COM.

T. 19 S. — R. 32 E.

LEA CO., NEW MEXICO



Scale: 1" = 1000'