

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

660' FSL, 660' FEL of Sec. 12, T23N, R9W

At proposed prod. zone

Same

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

50 miles NW of Cuba on Hwy 44, then South 1.2 miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 660

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

First Well

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

11,600

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

6732 GD

22. APPROX. DATE WORK WILL START*

Upon Approval

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'	circulate
12 1/4	8 5/8	24 & 28	5880'	400
7 7/8	5 1/2	15.5 & 17	11600'	500

1. Set 13 3/8" O.D. surface casing at approximately 350', circulate cement to surface.
2. Set 8 5/8" O.D. intermediate casing in top of the Burro Canyon sand at an estimated depth of 5880'. Use sufficient cement to cover bottom 1000 ft. Run electric logs before setting 8 5/8" casing.
3. Drill 7 7/8" hole to anticipated total depth of 11,600' in the Pre-Cambrian. Set 5 1/2" O.D. casing. Exact casing point to be determined by lowermost producing zone.
4. Cement 5 1/2" casing with sufficient cement to extend to minimum of 500 ft. above uppermost production interval.

BLOWOUT PREVENTER PROGRAM: Equipment will be installed immediately after surface casing is cemented and immediately after intermediate casing is cemented. Will use 12" API Series 1500' Double Gate and Hydril. BOP equipment will be tested to 1000 psi on installation and at each bit change or at least every 24 hours.

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 H. L. AllenTITLE Dist. Drilling EngineerDATE 7-14-72

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

all

JUL 17 1972

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.

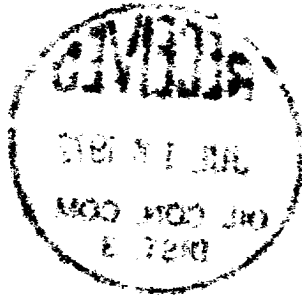
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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.

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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator SUN OIL COMPANY			Lease Ah-des-pi-ah		Well No 1
Unit Letter P	Section 12	Township 23 NORTH	Range 9 WEST	County SAN JUAN	
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the EAST line					
Ground Level Elev. 6732.0	Producing Formation <i>Del. Carboniferous</i>	Pool <i>Wildcat</i>	Dedicated Acreage: 40 Acres		

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 (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

If answer is "no," list the owners and tract descriptions which have actually 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.

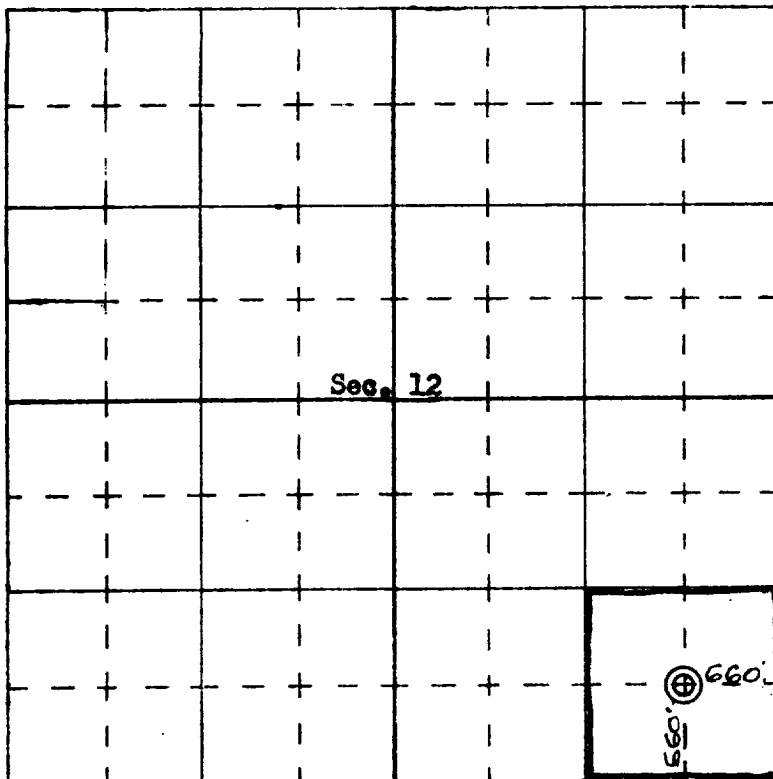
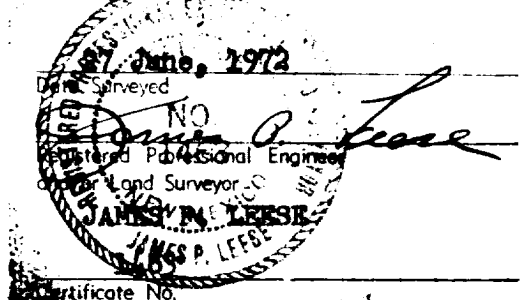


CERTIFICATION

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

Name *Harry L. Allen*
H. L. Allen
 Position District Drilling Engineer
 Company Sun Oil Company
 Date 7-13-72

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.



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.