

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions
reverse side.)

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 Section 23, T-11-S, R-30-E

At proposed prod. zone

Same as above

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

Approximately 35 miles west of Tatum

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

120

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

First Well

19. PROPOSED DEPTH

4000

20. ROTARY OR CABLE TOOLS

Rotary

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

4056.9 Gd.

22. APPROX. DATE WORK WILL START*

May 1, 1971

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	450	Circulate
7 7/8	5 1/2	14#	4000	200 sacks

1. Set 8 5/8" OD surface casing at approximately 450 ft. Circulate cement to surface.
2. Drill to anticipated total depth of 4000' in the San Andres. Run electric logs at TD.
3. Set 5 1/2" OD casing at TD. Cement with sufficient cement to extend minimum of 500' above uppermost productive interval.
4. Completion procedure to be determined by results of electric logs, cores and/or drill stem tests.

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. W. E. Westbrook, Jr.

SIGNED

TITLE

District Drilling Engineer

DATE

4-15-71

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
APR 15 1971
R. L. BEEKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS VALID FOR 3 MONTHS.
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES
JUL 15 1971

*See Instructions On Reverse Side

RECEIVED
APR 19 1971
U.S. GEOLOGICAL SURVEY
ALBUQUERQUE, NEW MEXICO

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

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

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

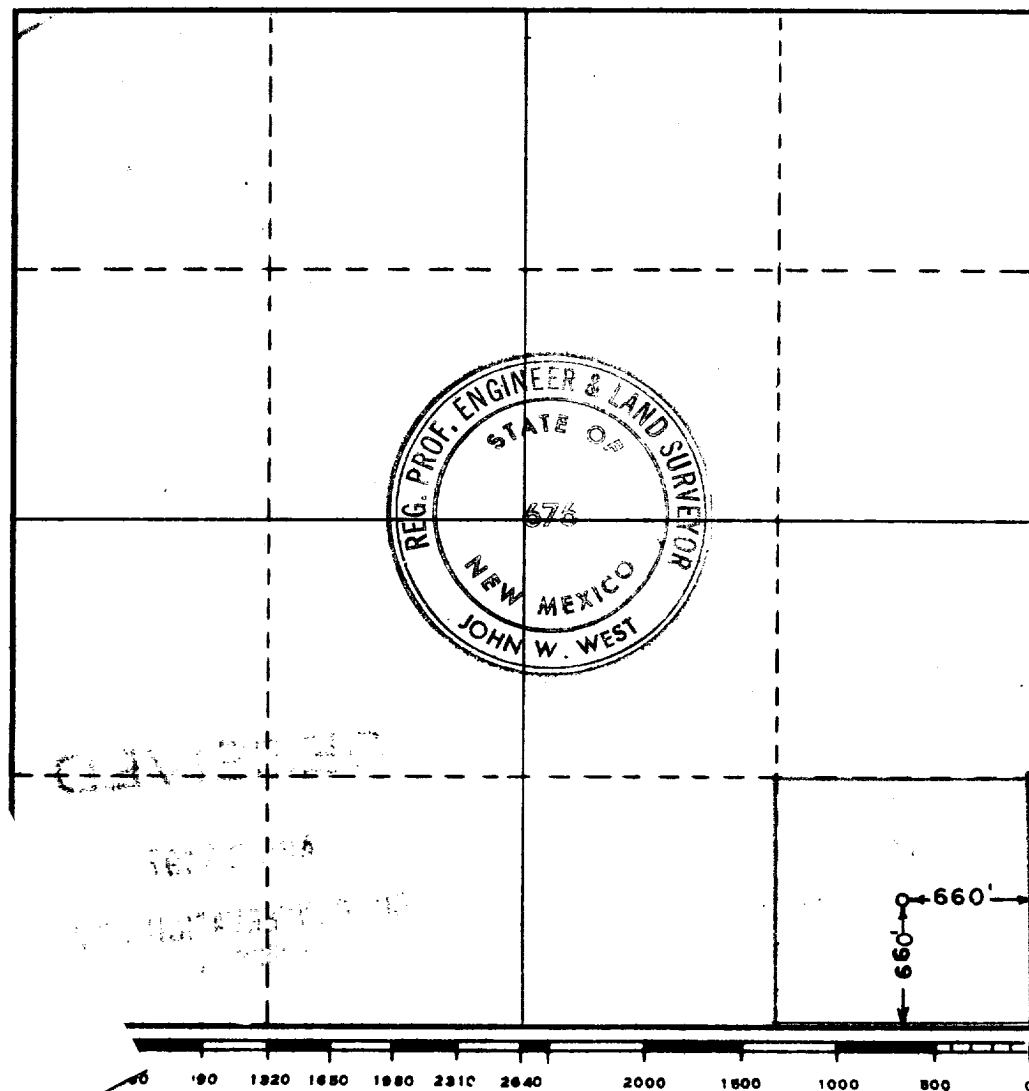
Operator Sun Oil Company		Lease Chaves Federal		Well No. 1
Unit Letter P	Section 23	Township 11 South	Range 30 East	County Chaves
Actual Footage Location of Well:				
660 feet from the South line and		660 feet from the East line		
Ground Level Elev. 4056.9	Producing Formation San Andres	Pool Wildcat	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 (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 _____

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.

W. E. Westbrook, Jr.

Name

W. E. Westbrook, Jr.

Position

District Drilling Engineer

Company

Sun Oil Company

Date

4-15-71

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

April 7, 1971

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676

RECEIVED
APR 20 1971
O. C. C.
ARTESIA, OFFICE

RECEIVED
APR 21 1971
OIL CONSERVATION COMM.
HOBS, N. M.