

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other ins. on reverse)

30-015-10573

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

Shell Oil Company - Western Division

3. ADDRESS OF OPERATOR

P. O. Box 1309, Midland, Texas 79704

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

At surface 660' FUL & 660' FUL (SW/4 SW/4) Section 24, T-14-S,

R-30-E MRM Survey, Bddy County, New Mexico

At proposed prod. zone

Same

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

6 miles north of Loco Hills, New Mexico

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.

1900'

16. NO. OF ACRES IN LEASE

340

19. PROPOSED DEPTH

9000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

3340' DF estimated

22. APPROX. DATE WORK WILL START*

September 13, 1963

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	11-3/4"	42#	300'	300 cu
11"	8-3/8"	32#	3100'	1000 cu
7-7/8"	4-1/2"	9.3# & 11.6#	9000'	500 cu

We propose to drill to a total depth of 9000' and test the Wolfcamp.

Cut approximately 150' of core from 8730' - 8880'.

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SEP 11 1963

D. O. R.
ARTESIA, OFFICE

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.

Original Signed By

SIGNED

C. R. Coffey

C. R. Coffey

Acting District

Exploitation Engineer

TITLE

DATE

September 9, 1963

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY
CONDITIONS

APPROVED

TITLE

DATE

SEP 11 1963
Rudolph C. Baier, Jr.
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

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 PLAT**

All distances must be from the outer boundaries of the Section

Operator SHELL OIL COMPANY			Lease HENSHAW DEEP UNIT	
Unit Letter M	Section 24	Township 16 SOUTH	Range 30 EAST	County EDDY
Actual Footage Location of Well:				
660	feet from the SOUTH	line and	660	feet from the WEST
Ground Level not available	Producing Formation Wolfcamp	Pool Henshaw-Wolfcamp	80	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners be consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated, if so, on this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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SEP 14 1965

D. C. C.

ARTESIA OFFICE

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SEP 13 1965
U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
WASHINGTON, D.C.

CERTIFIED

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

C. R. Coffey

Original Signed By
C. R. Coffey

**Acting District
Exploitation Engineer
Shell Oil Company
Western Division**

September 9, 1965

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.

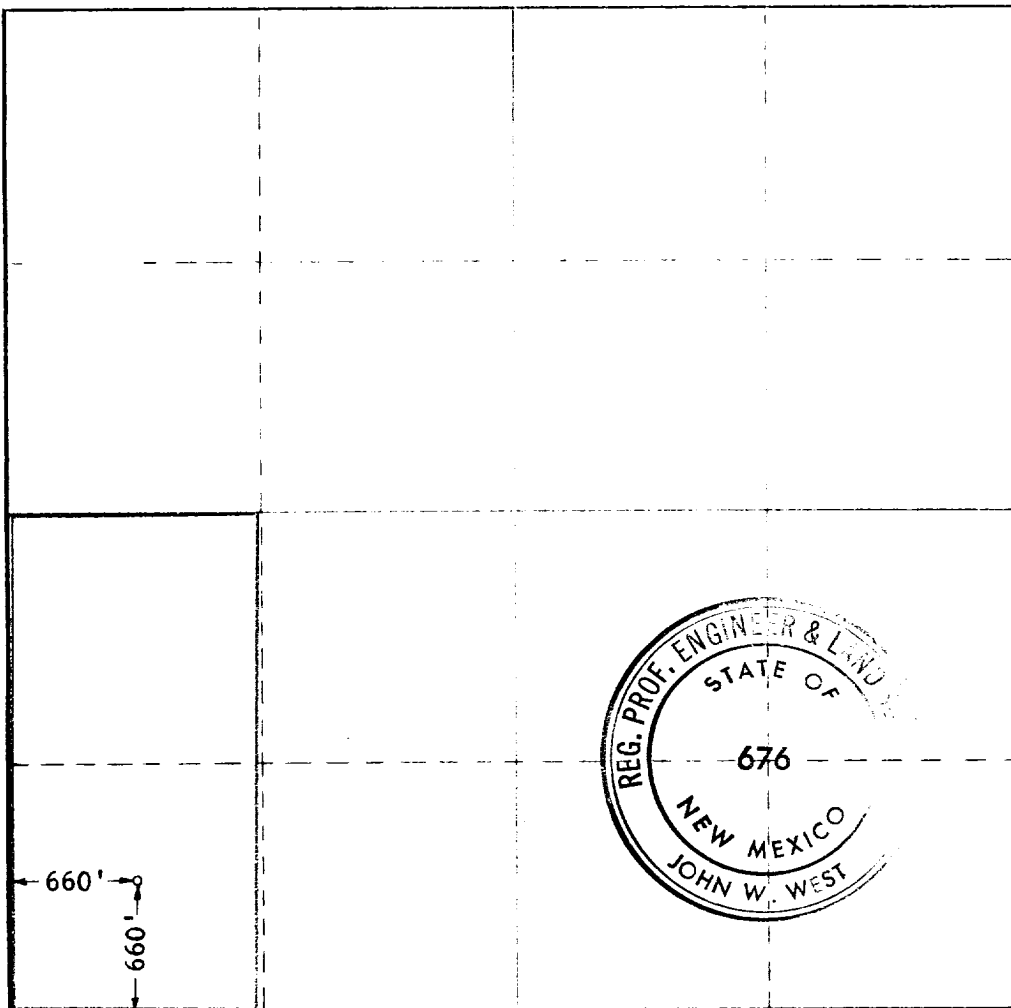
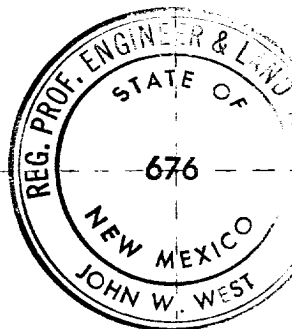
Date Surveyed

9-3-65

Registered Professional Engineer and/or Land Surveyor

John W. West

N.M. P.E. & L.S. NO. 676



660'
660'

0 330 660 990 1320 1650 1980 2310 2640 2970 3300