

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other in-
structions on
reverse side)

Copy 1/3

30-015-10522

5. LEASE DESIGNATION AND SERIAL NO.

LC-064637-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Henshaw Deep Unit

8. FARM OR LEASE NAME

Henshaw Deep Unit

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Henshaw-Wolcamp ✓

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 23, T-16-S, R-30-E

NMPM

12. COUNTY OF

Eddy

13. STATE

New Mexico

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

3. ADDRESS OF OPERATOR

P. O. Box 1858, Roswell, New Mexico 88201

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

At surface

660' FSL & 1980' FEL (SW/4 SE/4) Section 23, T-16-S, R-30-E,

At proposed prod. zone

NMPM Survey, Eddy County, New Mexico

At base

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'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

18. DISTANCE FROM PROPOSED LOCATION*

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

1850'

19. PROPOSED DEPTH

9000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3620' DF estimated

22. APPROX. DATE WORK WILL START*

August 5, 1965

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#	500'	500 SA. (Circulate)
11"	8 5/8"	32#	3100'	1000 SA. (est. top 900')
7 7/8"	4 1/2"	9.5# & 11.6#	9000'	500 SA. (est. top 7000')

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

RECEIVED

JUL 30 1965

D. C. C.
ARTESIA, DISTRICTRECEIVED
JUL 29 1965
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 C. R. Coffey Acting District Exploitation Engineer DATE July 28, 1965
SIGNED C. R. Coffey TITLE Exploitation Engineer

(This space for Federal or State office use)

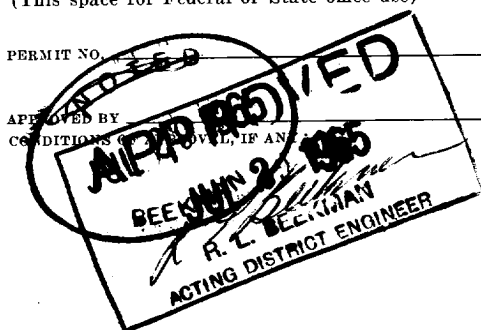
PERMIT NO. 1858

APPROVAL DATE

APPROVED BY

TITLE

DATE



*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 PLAT

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

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

Operator Shell Oil Company		Lease Henshaw Deep Unit		Well No. 13	
Unit Letter 8	Section 23	Township 16S	Range 30E	County Eddy	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev: not available	Producing Formation Wolfcamp		Pool Henshaw-Wolfcamp ✓		Dedicated Acreage: 80 Acres

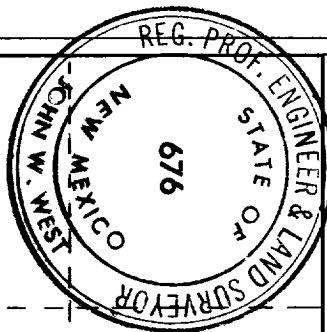
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 unitization

RECEIVED

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.

Name **C. R. Coffey** Original Signed By **C. R. Coffey**

Position **Acting District Exploitation Engineer**
Company **Shell Oil Company**

Date **July 28, 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 **7-24-65**

Registered Professional Engineer and/or Land Surveyor

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

