

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYcopy to
J. J.30-05-10768
5. LEASE DESIGNATION AND SERIAL NO.

LC - 070409

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

None

7. UNIT AGREEMENT NAME

None

8. FARM OR LEASE NAME

Pure Federal

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 11, T-21-S, R-25E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WORK

DRILL ☒DEEPEN ☒ RE-CEMENT ☒ PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Richfield Oil Corporation

3. ADDRESS OF OPERATOR

5900 Cherry Avenue, Long Beach, California 90805

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

At surface

1892' from west line and 2078' from south line of Sec. 11

At proposed prod. zone

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

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

1892'

16. NO. OF ACRES IN LEASE

913.67

17. NO. OF ACRES ASSIGNED
TO THIS WELL

325

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

19. PROPOSED DEPTH

9050'

20. ROTARY OR CABLE TOOLS

Rotary

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

3318' GR

22. APPROX. DATE WORK WILL START*

August 25, 1965

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT 2% CaCl ₂
17 1/2"	13 3/8"	54.5#	450'	600 sxs Class C cmt with 4% gel &
12 1/4"	9 5/8"	36#	3100'	1770 sxs Class C cmt with 4% gel, 50% poz mix & 1/4#/sx Floseal

1. Drill with air 17 1/2" hole to 450'. Run and cement 450' at 13 3/8", 54.5#, H-40, ST & C casing with 600 sacks of Class C cement mixed with 4% gel, 2% calcium chloride, and 150# of Floseal.
2. Drill with air 12 1/4" hole to 3100'. Fill hole with mud and run GR-sonic log to 3100'.
(Bone Springs)
3. Run and cement 3100' of 9 5/8", 36#, J-55, ST & C casing with 1770 sacks of Class C cement mixed with 50% poz mix, 4% gel and 440# of Floseal.
4. Drill with air 8 3/4" hole to 7100' and mud to 9050'.
5. Run induction log, acoustic-gamma ray-caliper-neutron log and parameter log. Make velocity survey.
6. Core and test as directed.
7. Dependent on results of logs, cores and tests, plug and abandon.

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

B. R. Johnson

TITLE

Sr. Structural Engineer

DATE

Aug 23, 1965

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

AUG 26 1965

APPROVED BY

DISTRICT ENGINEER

DATE

AUG 26 1965

CONDITIONS OF APPROVAL, IF ANY:

TITLE

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING *S. 138-1988
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.