

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
Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 23, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1980' FSL & 1980' FEL

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles east of Elkins, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE
1120

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. 1320'

19. PROPOSED DEPTH
4200'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4372' GR

22. APPROX. DATE WORK WILL START*
October 30, 1975

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# J-55	400'	250 sx
7-7/8"	4-1/2"	10.5# H-40	4200'	250 sx

Drill 12 1/4" hole from surface to approximately 400'. Run & set 8-5/8" csg and cement with 250 sacks Class "C", 2% CaCl. Drill 7-7/8" hole to approximately 4200'. Run open hole logs. Run and set 4-1/2" casing and cement with 250 sacks Class "H" Pozmix with 2% gel, 0.75% CFR-2, 8 lbs salt per sack. Run correlation logs & perforate San Andres formation. Treat with acid. Swab to test. Potential well.

Mud Program: 0 - 400' Native Mud
400'-3800' Native Mud and Oil
3800'-T.D. Starch, Oil Emulsion

Blowout Preventers: Shaffer 10" - Series 900 - Installed on

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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.

SIGNED John A. Swandig TITLE Petroleum Engineer

DATE October 3, 1975

(This space for Federal or State office use)

PERMIT NO. 10-11-132
APPROVED BY H. L. BEEKMAN
ACTING DISTRICT ENGINEER

APPROVAL DATE FEB 10 1976
THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES

*See Instructions On Reverse Side

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O. C. C.
ARTESIA, OFFICE

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