

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-60323-01

5. LEASE DESIGNATION AND SERIAL NO.

NM-068043

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harris Fed.

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 27: T-15-S, R-27-E,

N. M. P. M.

12. COUNTY OR PARISH

13. STATE

Chaves

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEVIATED ☒ DEEPEN ☒ PLUG BACK ☒

b. TYPE OF WELL

OIL

WELL ☐

GAS

WELL ☒

HOLE

OTHER ☐

2. NAME OF OPERATOR

Read & Stevens, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 2126, Roswell, New Mexico 88201

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

At surface

1980' FEL & 660' FSL Sec. 27: T-15-S, R-27-E, N. M. P. M.

At proposed prod. zone

1650' FEL & 990' FSL Sec. 27: T-15-S, R-27-E, N. M. P. M.

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

8 miles ESE of Lake Arthur, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

990'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

12,200'

16. NO. OF ACRES IN LEASE

2520.00

19. PROPOSED DEPTH

8900'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320.00

20. ROTARY OR CABLE TOOLS

Rotary

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

3472.2' GR-3484' RKB

22. APPROX. DATE WORK WILL START*

March 31, 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	349' RKB	450 sx. - Circulated
11"	8 5/8"	24#	1682' RKB	300sx.
7 7/8"	5 1/2"	15.5# & 17#	8666' RKB	375 sx.

Hearing has been docketed before the N. M. O. C. C. for 4-28-76 as Case No. 5760 for approval of the above unorthodox location and the directional drilling of this well. TD 8785', PBTD 8666'. Casing is set and cemented as above. We propose to set a 150' cement plug from 8370'-8520' and a 150' cement plug from 7175'-7325', then free-point and cut and pull the 5 1/2" casing from 5000' to 6000', and set a 200' cement plug 125' below the casing stub and 75' above. After polishing off this plug, a whipstock will be set and a 7 7/8" hole will be directionally drilled to the northeast to the above proposed bottom hole location, approximately 500' northeast of the present surface location. A directional survey will be run before commencing operations and again when total depth is reached. A chemical mud system will be utilized from point of whipstock to 8200' with mud wt. 8.5# to 9.0#, viscosity 36 and water loss 20. From 8200' to total depth, mud wt. will be 9.0# to 9.5#, viscosity 36 to 46 and water loss 10. All shows of oil and/or gas will be drill stem tested and production casing will be run (OVER)

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

John L. Anderson Jr.

TITLE Agent

DATE 3-26-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAR 29 1976

APPROVED BY

J. C. Ruff

TITLE

DISTRICT ENGINEER

DATE

CONDITIONS OF APPROVAL, IF ANY:

No gas to be marketed
prior to N.M.O.C.C. Approval

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

RECEIVED
MAR 31 1976
O.C.C.
ARTESIA, OFFICE