

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

PLANNING COMMISSION  
SUBMIT IN PLICATE\*  
(Other instructions on reverse side)

RECEIVED BY

Form approved  
APR 29 1985 42-R1-25

30-025-62266

5. LEASE DESIGNATION AND SERIAL NO.  
NM-2368 ARTESIA, OFFICE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Langley Federal Comm.

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Buffalo Valley Penn.

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

Sec. 14-T15S-R27E

12. COUNTY OR PARISH 13. STATE

Chaves

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

Read & Stevens, Inc. ✓

3. ADDRESS OF OPERATOR

P. O. Box 1518 Roswell, NM 88201

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

At surface

1190' FSL and 2310' FEL

At proposed prod. zone

Same

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

14 miles east 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)

330'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160 (320 total)

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

19. PROPOSED DEPTH

9100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3537 GL

22. APPROX. DATE WORK WILL START\*

June 15, 1985

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"	54.4#	400'	400 Sx Class "C" Circulated
11"	8 5/8"	24.0#	1700'	600 Sx HL + 200 Sx "C" Circ.
7 7/8"	4 1/2"	10.5#	9100'	500 Sx Class "H"

Mud Program:

- 0' - 400' Spud mud with Magcobar gel and lime. If seepage is noted, add lost circulation material. If circulation is lost, dry drill to 400'.
- 400' - 5,200' Fresh Water and native mud. Mud wt. 8.4#, Vis. 30-32, WL no control.
- 5,200' - 8,000' Magcogel and oil type drilling fluid. Mud wt. 8.5# - 8.8#, Vis. 30-32, 3-4% oil, WL no control.
- 8,000' - 9,100' Fresh water, low solids spersen mud system with CMC, 3 % KCL, Starch, Drispak, and sal gel, Mud wt. 9.0 - 9.5#, Vis. 32-34, WL 10 cc or below, PH 9-9.5.

BOP Program:

Will use a 5,000 psi wp Shaffer type "LWS" double BOP and one 90-115 Melco closing unit, 90 gal. capacity. See Exhibit "E".

Gas is not dedicated.

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

*George R. Smith*

Agent for:

TITLE Read & Stevens, Inc.

DATE April 5, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

S/Phil Kirk

Area Manager

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

posted EDI  
APR 12 1985  
5-3-85