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NM 010

SECTION

Form 1-1984
(May 1983)O. C. D.
ARTESIA, OFFICEUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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JUN 25 1984

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)O. C. D.
ARTESIA, OFFICEForm approved.
Budget Bureau No. 42-R1425.

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

ARCO Oil and Gas Company

Division of Atlantic Richfield Company

3. ADDRESS OF OPERATOR

P. O. Box 1710, Hobbs, New Mexico 88240

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

At surface 2310' FNL & 1650' FEL Unit Ltr "G"

At proposed prod. zone as above

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 dirg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED*

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

19. PROPOSED DEPTH

3860'

20. NO. OF CEMENT SPOOLS

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

3634' DF

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8" OD	24#	898'	75 sk
7-7/8"	5 1/2"	14#	3676'	200 sk

Prior to workover, dig temporary pit approx 12' x 40' x 4' located in previous workover pit area and line with plastic liner. Close temporary pit when workover completed.

1. RU, POH w/rods & pump, install BOP & POH w/compl assy.
2. Run csg inspection log. Run 4-3/4" bit & deepen from 3682' to 3860'. Run Q-CNL/FDC log.
3. Set pkr @ 3570' & acidize perfs 3635-54' & OH 3682'-3860' w/6,000 gals 72% NEFE, frac w/60,000 gals 30# cross linked gel & 153,600# sd.
4. Set RBP @ 3570' & pkr @ 3260'. Acidize upper Qn 3331-3552' w/6,000 gals 45% NEFE & frac w/48,000 gals 30# cross linked gel & 112,500# sd.
5. Re-set RBP @ 2800' & pkr to 2580'. Acidize perfs 2632-2770' w/3,000 gals 15% NEFE. Swab test.
6. POH w/RBP & pkr.
7. RIH w/compl assy, rods & pump, return to production.

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

Robert E. Ballinger

TITLE

Drlg. Engr.

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

P. E. Ritschke

TITLE

P. E.

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side