

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

Re-enter DRILL ☐DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☒MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR ARCO Oil &amp; 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' FSL &amp; 330' FWL Unit Letter "L"

At proposed prod. zone

as above

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

1/2 mi South, 1/2 mi East of Jal, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

18. DISTANCE FROM PROPOSED LOCATION\*

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

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

3022' GR

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6-1/8"	4 1/2" OD liner	9.5# K-55	3000-3400'	45 sx

Casing presently in hole.

13-3/8" OD 50# csg set @ 251' &amp; cmtd w/225 sx.

9-5/8" 36# csg set @ 1265' &amp; cmtd w/400 sx, plus 100 sx 1225-1325' in 9-5/8" X 7" annulus.

7" OD 24# csg set @ 3108' &amp; cmtd w/200 sx.

Propose to re-enter, run CBL 2358' to surface, perf 4 holes @ TOC. Set cmt retr above perfs, circ cmt to surface. Pressure test casing squeeze job. Drill out cmt retr, cmt plugs, CO to 3400'. Run GR CNL-FDC, Vertilog, DLL. Run 4 1/2" liner 3000-3400' & cmt w/45 sx Cl C w/2% CaCl<sub>2</sub>. Perforate 7RQn, acidize & test for production.

Blowout program attached.

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

*James W. Schmidt*

TITLE

Dist. Drlg. Supt.

DATE

10/22/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

MARGARET L. STEWART

TITLE

DATE

1980

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side