

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

ARCO Oil & Gas Company
Division of Atlantic Richfield Co. ✓

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

1270' FSL & 810' FEL (Unit letter P)

At proposed prod. zone

as above

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

6.7 miles north from Carlsbad on U.S. Hwy 285

10. 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, $\frac{1}{2}$ mi west of
OR APPLIED FOR, ON THIS LEASE, FT.

Pure Fed #1

16. NO. OF ACRES IN LEASE

640

19. PROPOSED DEPTH

10,500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3297.2' GR

22. APPROX. DATE WORK WILL START*

9/1/80

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 $\frac{1}{2}$ "	13-3/8" OD	54.5# K-55	450'	1000 sx, circ to surface
12 $\frac{1}{4}$ "	8-5/8" OD	28# S-80	3500'	1500 sx, circ to surface
7-7/8"	5 $\frac{1}{2}$ " OD	17# L-80	10500'	2200 sx, circ to surface

Propose to drill a development well to test the producing capabilities of the Morrow Gas zone and more economically drain the remaining reserves from the Morrow Gas zone. Recent field rules changed from 640 acres spacing to 320 acres spacing.

GHS is not dedicated

NSL-1269

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

TITLE Dist. Drlg. Supt.

DATE 6/24/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

(Orig. Sgd.) GEORGE H. STEWART

DISTRICT ENGINEER

APPROVED BY

TITLE

DATE OCT 1 1980

CONDITIONS OF APPROVAL, IF ANY: