

31-10-17/80

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
157

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL DEEPEN PLUG BACK
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
Box 1710, Hobbs, New Mexico 88240

4. Location of Well UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE
AND 330 FEET FROM THE East LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
State 157 "D"

9. Well No.
13

10. Field and Pool, or Wildcat
Drinkard

12. County
Lea

19. Proposed Depth 6750' 19A. Formation Drinkard 20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 3455.4' GR 21A. Kind & Status Plug. Bond GCA #8 21B. Drilling Contractor Hondo Drlg. Co. 22. Approx. Date Work will start 1/11/80

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9-5/8" OD	36# J-55	1400'	550	Circ to surf
8-3/4"	* 7" OD	23# K-55	5500'	1325	Circ to surf
6-1/4"	5" OD	14.87# C-75	5300-6750'	300	5000'

Propose to drill a development well to the Drinkard formation and recover remaining reserves.

* Note: If no loss of circulation occurs from approx 1400-4000', then 8-3/4" hole to be drilled to 6800' and 5 1/2" OD csg run and set from surface to 6750' instead of the 7" OD csg & 5" OD liner. 5 1/2" OD csg if run will be cmtd w/3500 sx & circ to surf by 2-staging.

Blow out Preventer 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Dist. Drlg. Supt. Date 1/3/80

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE JAN 7 1980

CONDITIONS OF APPROVAL, IF ANY: