

30-025-26534

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 1/10, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER N LOCATED 660 FEET FROM THE South LINE
AND 2310 FEET FROM THE West LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
State 157 "D"

9. Well No.
12

10. Field and Pool, or Wildcat
Drinkard

12. County
Lea

18. Proposed Depth 6800'

19A. Formation Drinkard

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.) 3480.5' GR

21A. Kind & Status Plug. Bond GCA #8

21B. Drilling Contractor Not selected

22. Approx. Date Work will start 11/5/79

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
1 1/4"	9-5/8" OD	32.3# K-55	1400'	900	Circ to surf
8-3/4"	* 7" OD	23# K-55	5500'	1325	Circ to surf
6 1/2"	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 1400' to 4000', then 8-3/4" hole to be drilled to 6800' and 5 1/2" OD csg run & set from surface to 6800' instead of the 7" OD csg & 5" OD liner. 5 1/2" OD csg to be cemented by 2-staging and circulating to surface.

Blowout preventer program attached.

Feb. 3, 1980

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.

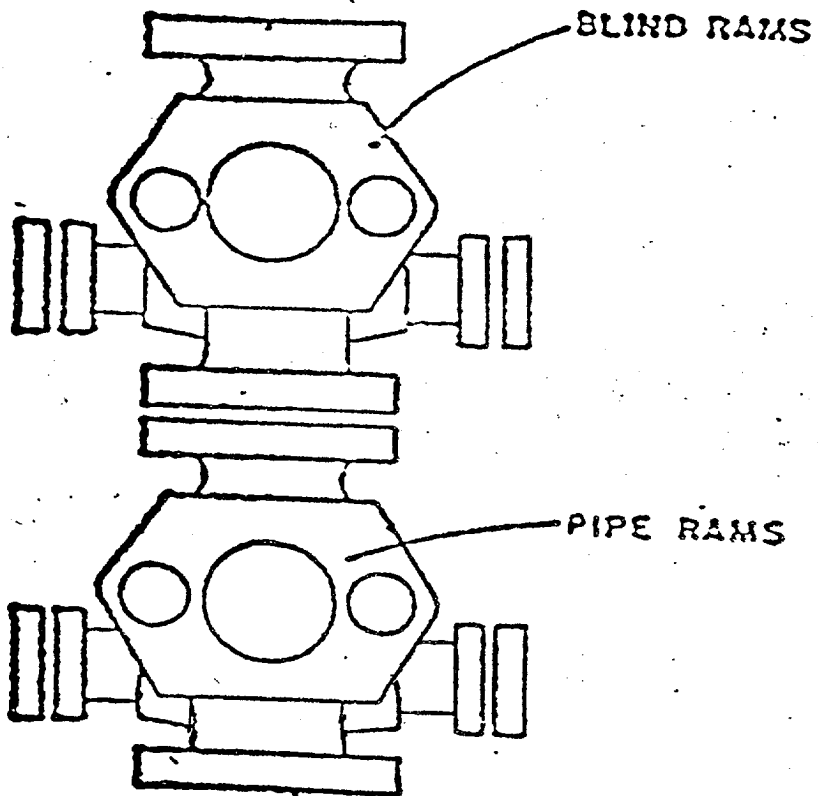
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Dist. Drlg. Supt. Date 10/31/79

(This space for State Use)

APPROVED BY [Signature] TITLE Geologist DATE NOV 5 1979

CONDITIONS OF APPROVAL, IF ANY:



**ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program**

Lease Name State 157 "D"

Well No. 12

Location 660' FSL & 2310' FWL
Sec 12-22S-36E, Lea County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.