

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-14-65

30-025-26391

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
157

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Name of Lease Name	
c. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No.	
3. Address of Operator Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Unit	
4. Location of Well UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1650 FEET FROM THE East LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM		11. County Lea	
19. Proposed Depth 6800'		19A. Formation Drinkard	
21. Elevations (Show whether DI, RI, etc.) 3468.8' GR		21A. Kind & Status Plug. Bond GCA #8	
21B. Drilling Contractor Not selected		22. Approx. Date Work will start 7/16/79	

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	32.3# K-55	1220'	675	Circ to surf
8-3/4"	7" OD	23# K-55	5200'	1275	Circ to surf
6 1/4"	5" OD	14.87# C-75	5000-6800'	250	5000'

Note: If no loss of circulation occurs from 1220-4000' then 5 1/2" OD 15.5# K-55 csg will be run from surface to 6800' instead of the 7" OD csg and 5" OD liner.

Propose to drill this well as a single Drinkard well to develop and recover remaining Drinkard reserves. Proposed blowout 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.

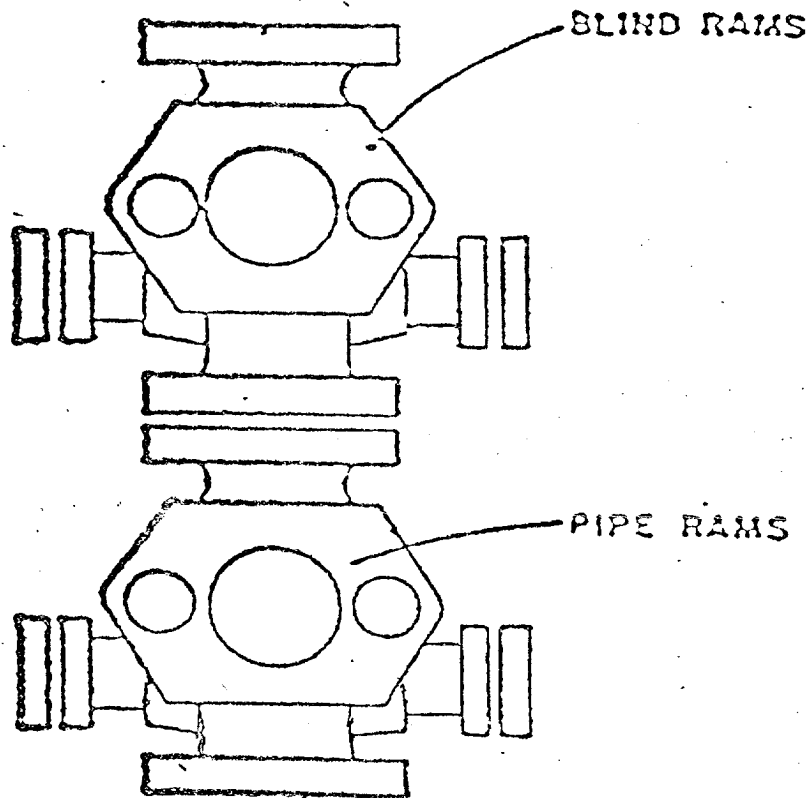
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed L. B. Lee Title Dist. Drlg. Supt. Date 7/10/79

(This space for State Use)

APPROVED BY Larry Sykes TITLE SUPERVISOR DISTRICT DATE JUN 13 1979

CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name State 157 "D"

Well No. 10

Location 660' FSL & 1650' FEL
Sec 12-22S-36E, Lea County

BOP to be tested before installed o
well and will be maintained in good
working condition during drilling..
wellhead fittings to be of sufficie
pressure to operate in a safe manne