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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

30-025-26478

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. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State 157 "D"	
2. Name of Operator		9. Well No.	
ARCO Oil & Gas Company		11	
Division of Atlantic Richfield Company		10. Field and Pool, or Wildcat	
3. Address of Operator		Drinkard	
P.O. Box 1710, Hobbs, New Mexico 88240			
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE		Lea	
AND 1644 FEET FROM THE East LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM			
		19. Proposed Depth	
		6800'	
		19A. Formation	
		Drinkard	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		21B. Drilling Contractor	
3461.9' GR		Not selected	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
GCA #8		9-27-79	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12- $\frac{1}{4}$ "	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- $\frac{1}{4}$ "	5" OD	14.87 # C-75	5000-6800'	250	5000'

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

Propose to drill this well as a single Drinkard test to develop and recover remaining Drinkard oil reserves. Proposed Blowout preventer program attached.

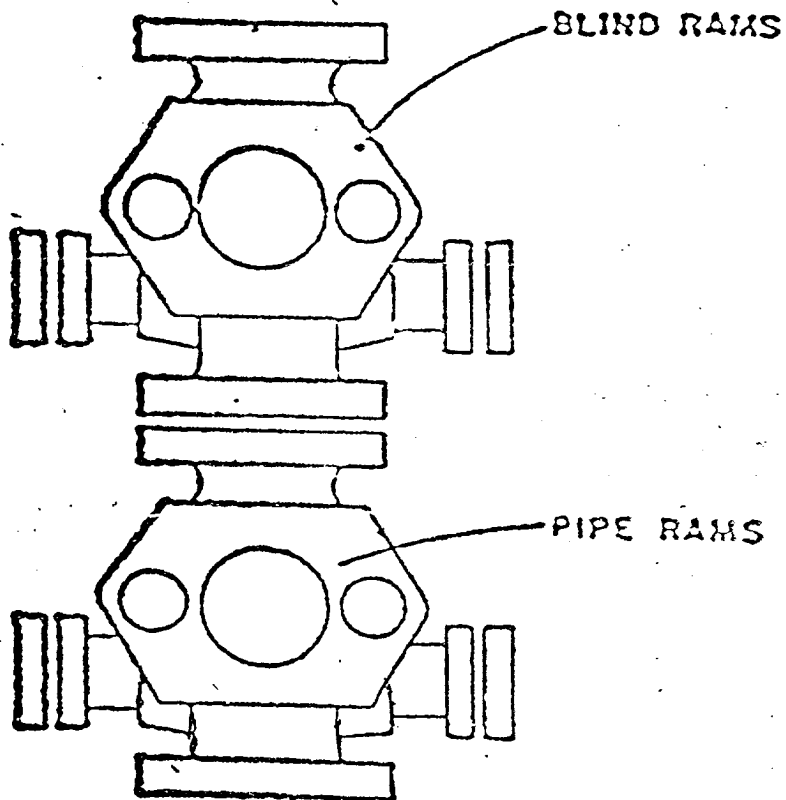
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed [Signature] Title Dist. Drlg. Supt. Date 9-20-79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE SEP 24 1979
CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name State 157 "D"

Well No. #11

Location 1980' FSL & 1650' FEL
12-22S-36E Lea County, N.M.

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