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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
157	
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	19A. Formation
6750'	Drinkard
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
3455.4' GR	GCA #8
21B. Drilling Contractor	22. Approx. Date Work will start
Hondo Drlg. Co.	1/11/80

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	
b. Type of Well	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
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"/>	
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
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 cmted 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: