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# 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. E-7554
7. Unit Agreement Name
8. Farm or Lease Name Amerada State
9. Well No. 1
10. Field and Pool, or Wildcat W. Ranger Lake, Dev. Gas
12. County Lea
19. Proposed Depth 13,000
19A. Formation Devonian
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4154.0
21A. Kind & Status Plug. Bond Statewide
21B. Drilling Contractor Moran Drilling Corp.
22. Approx. Date Work will start Immediately

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator Cayman Corporation	
3. Address of Operator 512 Midland Savings Building, Midland, Texas 79701	
4. Location of Well UNIT LETTER D LOCATED 330 FEET FROM THE north LINE AND 660 FEET FROM THE west LINE OF SEC. 35 TWP. 12-S RGE. 34-E NMPM	
21. Elevations (Show whether DF, RT, etc.) 4154.0	21A. Kind & Status Plug. Bond Statewide
21B. Drilling Contractor Moran Drilling Corp.	22. Approx. Date Work will start Immediately

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	400	400	Circulate
11"	8-5/8"	32#	4200	350	2700
7-7/8"	4-1/2"	13.5#	13000	700	8800

13-3/8

1-14-70

We propose to drill a 17-1/2" hole to 400 feet, set and cement 13-3/8" casing at 400 feet, drill an 11-inch hole to 4200 feet, set and cement 8-5/8" casing at 4200 feet, allow 18 hours for cement to set and check for water shutoff. We will then drill a 7-7/8" inch hole to approximately 13,000 feet in the Devonian formation, evaluate all possible productive horizons with electric logs and if commercial production is indicated, set and cement 4-1/4" casing, perforate and test.

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 Woodrick Title Engineer Date October 9, 1969

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE OCT 14 1969

CONDITIONS OF APPROVAL, IF ANY: