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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.
OG 5791

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"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Murphy State "B" <i>State</i>	
2. Name of Operator Cayman Corporation		9. Well No. 3	
3. Address of Operator 1123 Wilco Bldg., Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated <i>7/16/68</i>	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>7</u> TWP. <u>10-S</u> RGE. <u>34-E</u> NMPM		12. County Lea	
19. Proposed Depth 10,000		19A. Formation Bough	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4238.5 GL	
21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor	
22. Approx. Date Work will start 10-18-68			

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	375	400	Circulated
11	8-5/8	24	3950	350	2500
7-7/8	5-1/2	17	9950	300	8300

We propose to drill a 17-1/2 inch hole to 375 feet, set and cement 375 feet of 13-3/8 inch surface casing, drill a 11 inch hole to approximately 3950 feet, set and cement 8-5/8 inch intermediate casing at 3950, allow 18 hours for the cement to set, and check for water shut-off. We will then proceed to drill a 7-7/8 inch hole through the Bough "C" formation or to approximately 10,000 feet, evaluate all possible productive horizons with electric logs, and if commercial production is indicated, set and cement 5-1/2 inch casing, perforate and test.

THE COMMISSION MUST BE NOTIFIED

13 3/8

1-18-69

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 *H. Godrich* Title Engineer Date 10-14-68

(This space for State Use)

APPROVED BY *Joe L. Hines* TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

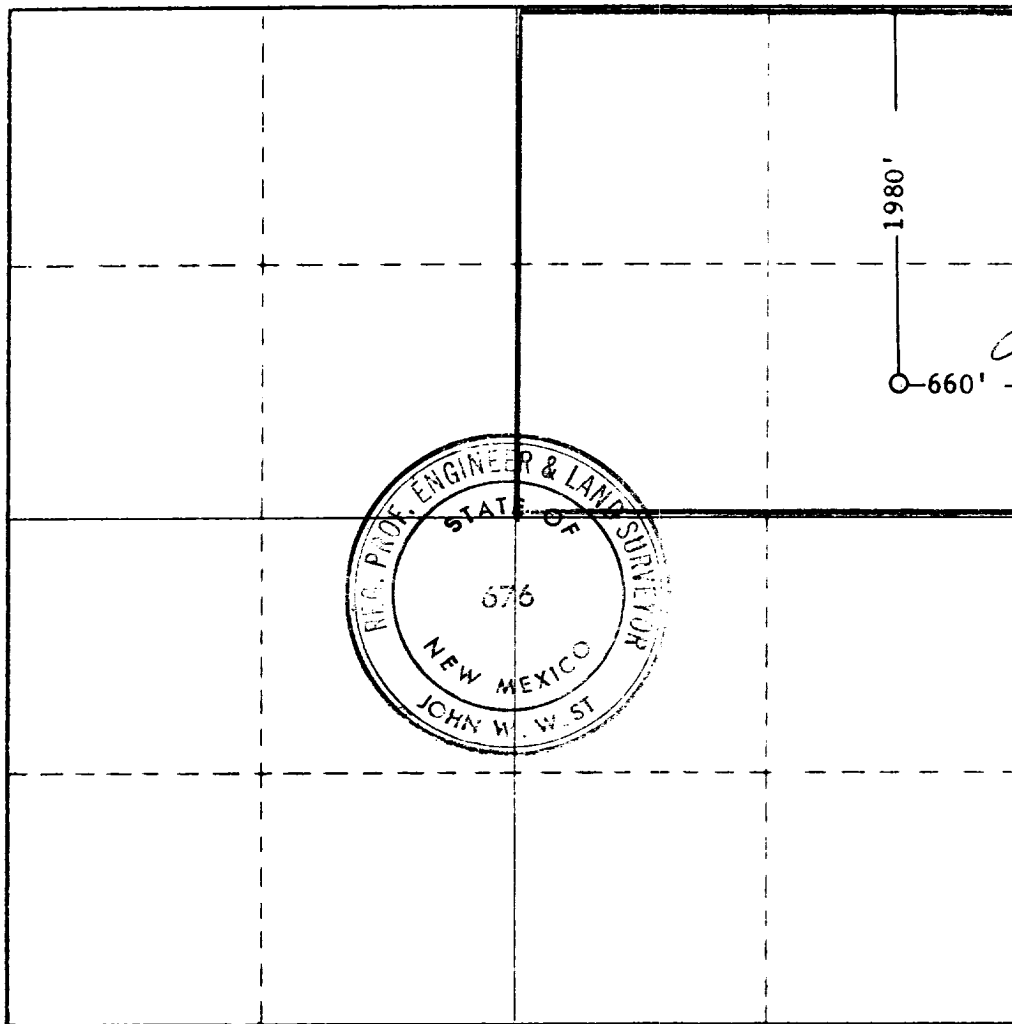
Operator CAYMAN CORPORATION			Lease 66T 17 34E "B" State		Well No. 3
Tract Letter H	Section 7	Township 10 SOUTH	Range 34 EAST	County LEA	
Actual Footage Location of Well:					
1980 feet from the NORTH line and		660 feet from the EAST line			
Ground Level Elev. 4238.5	Producing Formation Bough	Pool Undesignated	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Signature: *J. Woodrich*
 Title: *Engineer*
 Company: *Cayman Corp.*
 Date: *10-14-68*

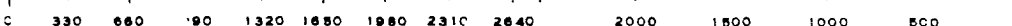
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed:

OCTOBER 9, 1968

Registered Professional Engineer and/or Land Surveyor

Signature: *John W. West*
 Certificate No. **676**



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