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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

AUG 15 10 5 AM '68

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1838
7. Unit Agreement Name
8. Farm or Lease Name State "A"
9. Well No. 1
10. Field and Pool, or Wildcat UNDESIGNATED North Vacuum
12. County Lea
19. Proposed Depth 10,500
19A. Formation Penn-Abo
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4003 Gr.
21A. Kind & Status Plug. Bond Current
21B. Drilling Contractor Unknown
22. Approx. Date Work will start August 25, 1968

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

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>
2. Name of Operator Mallard Petroleum, Inc.
3. Address of Operator 1206 V & J Tower, Midland, Texas 79701
4. Location of Well UNIT LETTER J LOCATED 2054 FEET FROM THE South LINE AND 2162 FEET FROM THE East LINE OF SEC. 24 TWP. 17-S RGE. 34-E NMPM
21. Elevations (Show whether DF, RT, etc.) 4003 Gr.
21A. Kind & Status Plug. Bond Current
21B. Drilling Contractor Unknown
22. Approx. Date Work will start August 25, 1968

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11-3/4	42#	375'	400	Surface
11"	8-5/8	24 & 32#	5000'	1425	Surface
7-7/8"	5-1/2 Liner	17#	10,500	1000	4800'

1. Drill 15" surface hole to approximately 375', run 11-3/4" 42# H-40 casing to T.D. and circulate cement. WOC 12 hrs.
2. Nipple up National 12" 600 casing head and hydraulic BOP. Test casing to 1000# for 30 minutes.
3. Drill 11" hole to approximately 5000 ft., run 8-5/8" 24 & 32# J-55 casing to T.D. Cement with 1425 sacks. WOC 12 hrs.
4. Test casing 1500# for 30 minutes.
5. Drill 7-7/8" hole to approximately 10,500 ft. If productive, run 5-1/2" 17# liner from 4800 ft. to 10,500 ft. Cement with 1000 sacks. WOC 24 hrs. Drill out cement and test casing to 2000# for 30 minutes.
6. Series 900 hydraulic BOP will be in use at all times after setting surface casing.

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 Al Keen Title Production Superintendent Date August 15, 1968

(This space for State Use)

APPROVED BY Leslie A. Clements TITLE Director DATE AUG 15 1968

CONDITIONS OF APPROVAL, IF ANY:

11/23 '68

11/24