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NEW MEXICO OIL CONSERVATION COMMISSION

NOV 29 8 04 AM '65

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator Mallard Petroleum, Inc.		9. Well No. Bartholomew	
3. Address of Operator 1206 V & J Tower, Midland, Texas		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>S</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>15-S</u> RGE. <u>35-E</u> NMPM		12. County Lea	
21. Elevations (Show whether DF, RT, etc.) 3965' CL Est.		19. Proposed Depth 10,800'	19A. Formation Bursum Lime
21A. Kind & Status Plug. Bond Blanket - Intact	21B. Drilling Contractor B. J. McFarland, Inc.	20. Rotary or C.T. Rotary	
22. Approx. Date Work will start Nov. 29, 1965			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17"	13 3/8"	48#	350'	350	Surface
11"	8 5/8"	24# & 32#	4600'	400	3500'
7 7/8"	4 1/2"	11.6#	10800'	500	9000'

1. Drill 17" hole to approximately 350', run 13 3/8', 48# casing and circulate cement.
2. Drill 11" hole to approximately 4600', run 8 5/8", 24# & 32# casing and cement with 400 sacks.
3. Drill 7 7/8" hole to approximately 10,800', set 4 1/2", 11.6# casing and cement with 500 sacks.
4. Two drillstem tests are anticipated.
5. Hydraulic blowout preventers will be used at all times after drilling surface hole.

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 R. W. Keener Title Production Superintendent Date November 24, 1965

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: