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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

PLEASE WIRE APPROVAL COLLECT

JUL 11 11 29 AM '67

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name
Alves

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

12. County
Lea

19. Proposed Depth
12,000'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)

21A. Kind & Status Plug. Bond
blanket - intact

21B. Drilling Contractor

22. Approx. Date Work will start
July 20, 1967

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Mallard Petroleum, Inc.

3. Address of Operator
1206 V & J Tower, Midland, Texas

4. Location of Well
UNIT LETTER **1** LOCATED **660** FEET FROM THE **south** LINE
AND **990** FEET FROM THE **east** LINE OF SEC. **6** TWP. **20 S** RGE. **36 E** NMPM

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13 3/8"	48#	375'	450	Surface
12 1/4"	9 5/8"	36# & 40#	5300'	550	3500'
8 5/8"	7"	23#, 26#, 29#	11000'	300	9300'
6"	5" liner	18#	12000'	100	10800'

1. Drill 17 1/4' hole to approximately 380'. Run 13 3/8' 48# casing and circulate cement
2. Drill 12 1/4' hole to approximately 5300'. Run 9 5/8' 36# and 40# casing.
3. Drill 8 5/8' hole to approximately 11000'. Run 7" 23#, 26# and 29#.
4. Drill 6" hole to approximately 12000'. Run 5" liner and circulate cement.
5. Double hydraulic blowout preventer and a hydrill will be used at all times after setting surface casing.

Expires 10-11-67

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 Lomer Olsen Jr. Title Petroleum Engineer Date July 7, 1967

(This space for State Use)

APPROVED BY Joe L. Stamey TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Area is productive of both gas & oil - NISL for gas