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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 10 1980

O. C. D.

ARTESIA OFFICE

30-015-23287

Form C-101
Revised 1-14-73

5A. In State Type of Lease	
STATE ☐ FEE ☒	
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Well Antenna Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		8. Name of Lease	
c. Name of Operator Phillips Petroleum Company		9. Well No. 2	
3. Address of Operator Rm 401, 4001 Penbrook, Odessa, Texas 79762		10. Field with Lease Number X Malaga-Morrow (Gas)	
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE		11. County Eddy	
ANT <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>24-S</u> RSE. <u>28-E</u> NADP			
12. Proposed Depth 13,000		13A. Formation Morrow	
13B. Drilling Contractor Advise later		14. Approx. Date Work will start Upon Approval	
15. Elevation (show whether DE, RL, etc.) 3016.3 (unprepared)		16. Kind & Status of Bond blanket	

23. PROPOSED CASING AND CEMENT PROGRAM
Note: Proration acreage is dedicated

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
24"	20"	94# H-40	450' (600 sxs 14.8#/gal C1 C, 2% CC and 1/4# Flocele. Circ to surface.)		
17-1/4"	13-3/8"	61# K-55	2620' (Sufficient 14.0#/gal TLW w/2% CC, (21#/sx salt, 1/4#/sx Flocele, and 5# Gilsonite followed w/300 sxs C1 C (mixed w/15.4#/gal w/2% CC and 19.6# sx salt. Circ to surface.)		
12-1/4"	9-5/8"	40# K-55 & N-80	9600' (Sufficient 11.83#/gal TLW mixed w/10% (DD, 10% salt, and 1/4#/sx Flocele at 2.19 cf/sx, followed w/550 sxs of (14.8#/gal C1 C, tie lock into 13-3/8" csg.)		
7-7/8"	5-1/2"	23# N-80	TD (Sufficient C1 C cmt mixed w/14.1#/gal (w/0.10% LWL, 2#/sx KCL. Single stage (TOC into 9-5/8" csg.)		
		20# L-80			
		17# N-80			

Unorthodox location approved 1-9-80. Case No. 6761, Order No. R-6231.
Use mud additives as required for control.
BOP Equipment Series 1500#, 5000# per Figure 5, schematic attached.
10,000 psi working pressure per Figure 2, schematic attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 7-11-80

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 W. J. Mueller Title Senior Engineering Specialist Date April 7, 1980

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 11 1980

CONDITIONS OF APPROVAL, IF ANY: