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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65 *20 6/24/11*

5A. Indicate Type of Lease	
STATE ☒	FEE ☐
5. State Oil & Gas Lease No.	
K-5003	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		Eaves Unit	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		8. Farm or Lease Name	
SINGLE ZONE ☐ MULTIPLE ZONE ☐		Eaves Unit	
9. Well No.		10. Field and Pool, or Wildcat	
1		Wildcat - Morrow Gas	
11. Address of Operator		12. Locality	
Phillips Petroleum Company		Lea	
Room 711, Phillips Building, Odessa, Texas 79761			
13. Location of Well		14. Proposed Depth	
TOWNSHIP 06 NORTH RANGE 06 EAST SECTION 18		14,500'	
15. Direction of Well		16. Direction of Well	
21S 33E		Morrow	
17. Date of Work		18. Rotary or Casing	
1980		Rotary	
19. Date of Approval		20. Date of Work	
Later		Upon Approval	

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"	54.5#, H-40	450'	500 sx - Circ	at surface
12-1/4"	8-5/8"	32#, K-55	5600'	Salt saturated	cmt sufficient
					to circ @ surf. Estimated: DV
tool @ 3200'; 1st Stage: 500 sx Trinity LW with 2% CaCl ₂ , 21# salt, 3# Flocele, 5# Gilsomite/sx, followed by 300 sx Class C w/19.6% salt, 2% CaCl ₂ /sx. 2nd Stage: 2000 sx Trinity LW w/2% CaCl ₂ , 21# salt, 3# Flocele, 5# Gilsomite per sx, followed by 200 sx Class C w/2% CaCl ₂ and 19.6% salt/sx.					
7-7/8"	5-1/2"	17#, 20#, 23# N-80, P-110	Total Depth	Sufficient to cover productive interval estimated to be 125 sx Class C w/1/10% LWL and 2% KCl/sx.	

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING OPERATIONS

FIGURE 4-29-75

Use mud additives as required for control.

BOP Program to be used: 450' to 5600' -- Series 900, 3000# WP (Figure 6 attached).
5000' to TD -- Series 1500, 5000# WP (Figure 5 attached).

[Signature] W. J. Mueller, Senior Reservoir Engineer, Date January 21, 1975
SUPERVISOR DISTRICT 1
[Signature]