

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

API NO. 30-025-27687

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
E-1923

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☒		7. Unit Agreement Name --
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Merchants-A "COM"
2. Name of Operator Phillips Petroleum Company		9. Well No. 1
3. Address of Operator Room 401, 4001 Penbrook, Odessa, Texas 79762		10. Field and Pool, or Wildcat Undesignated Bone Springs
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>21-S</u> RGT. <u>35-E</u> NMPM		12. County Lea
19. Proposed Depth 13,060		19A. Formation Bone Springs
20. Rotary or C.T. Rotary		
1. Elevations (show whether DF, RT, etc.) 3617GR, 364IDF	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Republic Drilling Co.
22. Approx. Date Work will start Upon Approval		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	16"	85.5#	1100'	2000 sx Class "C", w/4% Gel	
and 1#/sx Flocele	e followed w/500	sx Class "C"	w/2% CaCl Circd.	600 sxs.	
14-3/4"	10-3/4"	40.5#	5730'	1st Stage 600 sx Howco Lite w/	
3# Gil, 8#/sx salt, 1/2 Flocele,	300 sx Class "C", 3# salt.	2nd Stage 2200 sx TLW, 100 sx Class "C"			
w/10% DD, 1/2 Flocele, 5# Gil, 12# sx salt, circd.	35 sx, 10 sx 1st Stage, 25 2nd Stage.				
9-1/2"	7-5/8"	33.7#	11,000'	1000 sx TLW w/10% DD, 12#	
per sx salt, 1/2#/sx cellophane, 3#/sx Gil, followed by 200 sx Class H w/0.3% LWL & 3% Diacele A.					
5" production liner, top @ 10,964", btm. @ 13,100', cmtd. w/100 sx Class C.					

Use mud additives as required for control.
BOP Equip. Series 1500, 5000# WP - schematic attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
DUCIVE 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 Sr. Engineering Specialist Date March 28, 1983

(TAM) ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR TITLE DATE MAR 31 1983

CONDITIONS OF APPROVAL, IF ANY: