

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

SEP 20 1993

30-015-23696

API NO. (assigned by OCD on New Wells)
30-015-23696
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. L-5364
7. Lease Name or Unit Agreement Name Malaga C
8. Well No. 1
9. Pool name or Wildcat Undesignated (Morrow)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL ☐ RE-ENTER ☐ DEEPEN ☒ PLUG BACK ☐		7. Lease Name or Unit Agreement Name			
b. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐ Perf. & test Morrow ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Well No. 1			
2. Name of Operator Phillips Petroleum Company		9. Pool name or Wildcat Undesignated (Morrow)			
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762					
4. Well Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>23-S</u> Range <u>28-E</u> NMPM <u>Eddy</u> County					
10. Proposed Depth 13,472		11. Formation Morrow			
12. Rotary or C.T. Rotary					
13. Elevations (Show whether DF, RT, GR, etc.) 2990' GR; 3013' RKB		14. Kind & Status Plug. Bond Blanket			
15. Drilling Contractor NA		16. Approx. Date Work will start Upon Approval			
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
24"	18-5/8"	87.5#	450'	850 sx. 'C'	Surface
17-1/2"	13-3/8"	61#	2700'	2000 sx. TLW	
			FB/300	300 sx. 'C'	Surface

Perforate and test Morrow Zone:

1. Shut-in well. MI&RU DDU. NU and test Class 2 BOPE.
2. Release 5-1/2" pkr. at 11,682'. COOH w/2-7/8" prod. tbg.
3. PU and GIH w/2-7/8" workstring open-ended to +/-11,870'. UNLESS DRILLING UNDERWAY.
4. Spot 50 sxs. Premium cement. (Calc TOC @11,420'.
5. Squeeze cement through Atoka perms. 11,781'-11,823' to 2500 psi.
6. COOH w/2-7/8" workstring. WOC minimum of 18 hrs.
7. PU and GIH w/bit and drill collars on 2-7/8" workstring and tag up on cmt. Drill out cmt. plug inside 5-1/2" csg. Test squeeze to 2500 psi.
8. TIH to +/- 13,100' and circulate the hole with 2% KCl water containing 1% corrosion inhibitor. COOH laying down 2-7/8" workstring, drill collars & bit.
9. Pump +/- 78,500 scf N2 down 2-7/8" tbg. to create a column of nitrogen gas w/a wellhead press. of 2800 psi and BHP of 4000 psi at 13,000'.
10. Perf. the Morrow w/4 SPF as follows: 13,012'-13,021' = 29 shots.

(Over)

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.

SIGNATURE [Signature] TITLE Supv. Regulatory Affairs DATE 09-15-93
(915)
TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. 368-1488

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS

SEP 21 1993

APPROVED BY SUPERVISOR DISTRICT II TITLE DATE

CONDITIONS OF APPROVAL, IF ANY: