

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 Braton Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)
30-025-28438

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-2229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Phillips Petroleum Company

3. Address of Operator

4001 Penbrook Street, Odessa, Texas 79762

7. Lease Name or Unit Agreement Name

Phillips State "E" State

8. Well No.

34

9. Pool name or Wildcat

Undesignated Queen

4. Well Location

Unit Letter P : 760 Feet From The South Line and 720 Feet From The East Line

Section 9 Township 17-S Range 33-E NMPM Lea County

10. Proposed Depth
4800

11. Formation
Queen

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

4183.9' GL

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
12-1/4"	8-5/8"	24#	354'	400 sx.	surface
7-7/8"	4-1/2"	11.6#	4800'	1500 sx.	surface

1. MIRU. Pull rods and pump. NU BOP's.
2. COOH w/2-3/8", J-55 prod. tubing (4410').
3. GIH w/bit and casing scraper on 2-3/8" tubing and clean out to PBTD at 4730'.
POOH.
4. GIH w/4-1/2" RBP pkr. on 2-3/8" tbg. Set RBP at +/- 4090'. Test RBP to 1000
psig. Release packer and circulate 2 sacks of sand on top of RBP.
5. Pull uphole to 3770' and spot 500 gals. of 10% MSA acid. COOH w/tbg. & pkr.
6. GIH w/3-1/8" casing gun w/12.5 gram charges. Perf. Queen formation in the
following intervals: 3740'-3748' (8') 18 holes 2 SPF; 3752'-3770' (18') 38
holes 2 SPF. Total 26' 56 holes.
7. GIH w/tbg. and pkr. Set pkr. at +/- 3000'.
8. Swab. COOH w/tubing and packer.
9. MIRU to fracture treat the Queen formation: Total gel volume = 20,000 gals.
includes 40 bbls. tank bottoms; Total proppant = 50,700 lbs. 16/30 Ottawa Sd.
(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 L. M. Sanders TITLE Supv. Regulatory Affairs DATE 06-28-93
(915)
TYPE OR PRINT NAME L. M. Sanders TELEPHONE NO. 368-1488

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

JUL 01 1993

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Phillips State "E" No. 34
State Lease No. B-2229
Undesignated Queen
Lea County, New Mexico

9. Rate = 15 bbls./min; anticipated WHTP = 2,600 psig.
Pump Schedule:
 - A. Pump 8,000 gals. Boragel G3195 pad volume.
 - B. Pump 7,000 gals. Boragel G3195 with 2 ppg 16/30 Ottawa sand ramping to 10 ppg 16/30 Ottawa sand.
 - C. Pump 1,000 gals. Boragel G3195 with 10 ppg 16/30 Ottawa sand.
 - D. Pump 2,400 gals. base gel flush (eliminate corss linker).
10. Allow well to flow until it dies. RIH and tag fill. Clean out to RBP at 4090'.
11. GIH w/tubing and packer. Set packer at +/- 3700'. Swab.
12. RIH and tag fill. Clean out to RBP at 4090'. COOH w/tubing and packer.
13. GIH w/2-3/8" sand screen joint with 8' perforated interval on 2-3/8" prod. tubing to +/-3780'.
14. GIH w/pump and rod.
15. Return well to production.

06-28-93
AF:ehg

RegPro:AFran:PhlpsE34.101

RECEIVED

JUN 29 1993

OFFICE
OF THE
ATTORNEY GENERAL