

OF COPIES RECEIVED
DISTRIBUTION
SA A FE
FILE
U.S.G.S.
LAND OFFICE
OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☒ Fee ☐	
5. State Oil & Gas Lease No. B-2317	
7. Unit Agreement Name	
8. Name of Lease Name M. E. Hale	
9. Well No. 4	
10. Field and Pool, or Wildcat Vacuum (Grayburg/SA)	
11. County Lea	

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook, Room 401, Odessa, Texas 79762

4. Location of Well
 UNIT LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM
 THE West LINE, SECTION 35 TOWNSHIP 17-S RANGE 34-E

15. Elevation (Show whether FE, NT, GR, etc.)
4029' RKB

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
 NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

17. Describe in brief or completely (indicate if barely state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

(4-17-78) RU Ralph Johnson WS, pld rods & tbg. Ran 2-3/8" tbg w/ret BP set 4550'. Loaded hole tstd BP, OK. Raised tbg to 4510', Runco spotted 250 gals 10% acetic acid on btm.

(4-18-78) Pld Tbg. Ram Guns perf 4 1/2" csg, 2 shots/ft., 42', 84 holes, 4458-76', 4480-4504'. Ran 2-3/8" tbg & Baker Model R pkr set 4404'. Swbd 3 hrs, sur to btm, rec 17 BLO.

(4-19-78) COOH w/ BHP bomb. Runco trtd dn tbg, perf 4458-4504' w/3500 gal 28% NEL C1 acid w/scale inhib, 1 ball sealer/bbl flsh w/20 BW. Max 3300, min 2300, sip 1000, 3.9 BPM. Swbd 6 hrs, sur to btm, rec 4 BO, 20 BLW, 44 BAW. Ran BHP bomb to 4404'.

(4-20-78) Pld bomb, 187# @4380'. Pld tbg & pkr. Ran 2-3/8" tbg open end set 4544'; ran 2" x 1 1/2" x 12' pmp set 4543'. MO Ralph Johnson. Pmpd 15 hrs, no gauge, 14-48" SPM w/1 1/2" pmp.

(4-21-78) Pmpd 24 hrs, 35 BNO, 40 BLW

(4-22-78) Pmpd 24 hrs, 15 BNO, 12 BLW

(4-23-78) Pmpd 24 hrs, 4 BNO, no water, 14-48" SPM w/1 1/2" pmp. 8 BLW to rec

(4-24-78) Pmpd 24 hrs, 4 BO, no water, fluid level 4495'

(4-25-78) Pmpd 24 hrs, 4 BO, no water

(4-26-78) Closed flow line valve, pressed tbg to 300# w/rod pmp. Dowell pmpd 4000 gal 7 1/2% NE HCl acid w/4 gal F-75 per 1000 gals acid down csg followed by 250 gal fresh water w/ 1 gal F-75, at 5 BPM under vacuum. Shutdown 45 min, csg press 0.102 bbls load to rec. Pmpd 9 hrs, 48 BAW, 3 BO, 54 BAW to rec. Sonolog FL 4433'. (over)

BOP: Series 900, 3000#MP, w/one set pipe rams, one set blind rams, manually operated.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED R. J. Roper TITLE Senior Reservoir Engineer DATE May 18, 1978

APPROVED BY Jerry Sexton TITLE Dist 1, Super DATE MAY 18 1978

CONDITIONS OF APPROVAL, IF ANY:

(4-27-78) Pmpd 24 hrs, 7 BO, 32 BAW; 22 BAW to rec.
 (4-28-78) Pmpd 24 hrs, 4 BO, 13 BAW
 (4-29-78) Pmpd 24 hrs, 4 BO, 2 BAW
 (4-30-78) Pmpd 24 hrs, 3 BO, no water
 (5-1-78) Dowell trtd dwn csg thru perfs 4458-4504' w/2000 gal MSR-100 20% NE HCl, 3000 gal F-75 7½" NE HCl. Flshd w/240 BO. Max press 500#, min 300#, vacuum in 2 min. Inj rate 3.6 BPM. Pmpd 19 hrs, 40 BLO, 12 BAW. 200 BLO & 108 BAW to rec.
 (5-2-78) Pmpd 24 hrs, 80 BLO, 37 BAW. 120 BLO & 71 BAW to rec.
 (5-3-78) Pmpd 24 hrs, 29 BLO, 11 BAW, 91 BLO & 60 BAW to rec.
 (5-4-78) Pmpd 24 hrs, 17 BLO, 1 BAW
 (5-5-78) Pmpd 24 hrs, 11 BLO, 1 BAW
 (5-6-78) Pmpd 24 hrs, 8 BLO, 1 BAW
 (5-7-78) Pmpd 24 hrs, 8 BLO, 1 BAW, 47 BLO, 56 BAW to rec.
 (5-8-78) Pmpd 24 hrs, 8 BLO, 1 BAW, 39 BLO, 54 BAW to rec.
 (5-9-78) RU Johnson WS unit. Pld rods & pmp. Ran PPCo. BHP bomb to 4534'. Sonolog FL prior to pulling pmp 4528'.
 (5-10-78) Pulled PPCo. BHP bomb. Pulled tbg & retr BP. Set 2-3/8" tbg OE @ 4655'. Set 2" x 1½" x 12' pmp @ 4654'. MO Johnson WS unit. Pmpd 14 hrs, no gauge.
 (5-11-78) Pmpd 24 hrs, 39 BLO, 37 BLW.
 (5-12-78) Pmpd 24 hrs, 95 BLO, 2 BSW
 (5-13-78) Pmpd 24 hrs, 114 BO, trace water
 (5-14-78) Pmpd 24 hrs, 100 BO, no water
 (5-15-78) Pmpd 24 hrs, 92 BO, no water
 (5-16-78) Pmpd 24 hrs, 104 BO, trace water, GOR 1210/1. perfs 4458-4504' and 4622-51' producing.

100-1000

100-1000

OBSERVATION COMM.
 100-1000