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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-1606
7. Unit Agreement Name
8. Farm or Lease Name Santa Fe
9. Well No. 87
10. Field and Pool, or Wildcat Vacuum Glorieta
12. County Lea

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator Phillips Petroleum Company
3. Address of Operator Room 806, Phillips Bldg., Odessa, TX 79761
4. Location of Well UNIT LETTER <u>L</u> <u>2130</u> FEET FROM THE <u>south</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE, SECTION <u>31</u> TOWNSHIP <u>17-S</u> RANGE <u>35-E</u> N.M.P.M.
15. Elevation (Show whether DF, RT, GR, etc.) 3982' GL.

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

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 ☐	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1-27-77: RU Well Units rig. Pulled rods 2-1/16" tbg, worked Lok-set pkr at 6300', unable to release.

1-28-77: Released packer, pulled tbg and pkr seal assy from pkr at 9985'. Ram Guns perf 7" csg w/4" csg gun, w/2 shots per foot at 6092-98', 6106-14', 6119-23', 6128-36'; total 26 feet, 52 holes.

1-29-77: Ran 2-3/8" tbg, pkr & BP, unable to get below 9165'.

1-30-77: SD 24 hrs.

1-31-77: Pld tbg, pkr & BP. Ran 2-3/8" tbg w/bit and scraper to 9132', scraped scale 9132-82'.

2-1-77: Scraped scale f/9182-9300', ran bit to top of pkr at 9985'.

2-2-77: Set retr BP at 9350', pkr at 9100'. Swabbed abo perfs 9162-9300' for 5 hrs, rec 6 BO, 65 BW.

2-3-77: Swbd 9 hrs, perfs 9162-9300', recovered 27 BO, 112 BW.

2-4-77: Swbd Abo perfs 9162-9300' for 6 hrs, rec 18 BO, 73 BSW, FL 6300'. Moved BP to 6328', pkr to 5899'.

2-5-77: Runco treated Glorieta perfs 6030-6136' w/4000 gals 28% NE HCL acid using 96 ball sealers. Flushed w/35 BW. Max press 1000#, min 500#, ISDP--Vacuum. AIR 4.9 BPM. Swbd 7 hrs, 82 BO, 110 BL&AW.

bop: Series 900, 3000# WP, double w/one set blind rams, one set pipe rams.

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

SIGNED <u>W. J. Mueller</u>	TITLE <u>Engineering Advisor</u>	DATE <u>2-18-77</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>[Blank]</u>	DATE <u>[Blank]</u>
CONDITIONS OF APPROVAL, IF ANY:		

FEB 20 1977

SD 24 hrs.
 2-6-77: Pld tbg, pkr & BP.
 2-7-77: Set 2-3/8" tbg in Baker "D" pkr at 9985' and Baker Lok-Set pkr at 6316'. Ran upper string 2-1/4" tbg, 5 hrs, no oil.
 2-9-77: Swbd Wolfcamp 9 hrs, 5 hrs, no oil.
 2-10-77: Runco treated Wolfcamp down the line csg perfs 10006-16' w/300 gals citric acid, 2000 gals 28% NE HCL acid followed by 2000 gals 3% NE HCL acid, flushed w/41 BO. Tested at zero press. Air to 7 BPM. Swbd 8 hrs, 41 BLO, 4 BNO, 52 BAW.
 2-11-77: Ran rods for Wolfcamp and set 2"x1-1/16"x16' pump at 9980', and 2"x1-1/4"x16' pump at 5940'. MO Well Units rig. P/15 hrs, no gauges.
 2-12-77: P/Wolfcamp 24 hrs, no oil, 68 BW. P/Glorieta 24 hrs, 10 BO, 52 BW.
 2-13-77: P/Wolfcamp 24 hrs, 3 BO, 60 BW. P/Glorieta 24 hrs, 15 BO, 41 BW.
 2-14-77: P/Wolfcamp 24 hrs, no fluid. P/Glorieta 24 hrs, 58 BO, 3 BSW.
 2-15-77: P/Wolfcamp 24 hrs, no fluid. P/Glorieta 24 hrs, 39 BO, no water.
 2-16-77: P/Wolfcamp 24 hrs, 14 BO, no water, GOR 645/1; perfs 10006-16' restored to production. P/Glorieta 24 hrs, 30 BO, no water, GOR 725/1; perfs 6042-6136' restored to production.