

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P O BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S		
LAND OFFICE		
OPERATOR		

API No. 30-025-03051

5a. Indicate Type of Lease State ☒ Fee ☐	
5. State Oil & Gas Lease No B-1713	
7. Unit Agreement Name Vacuum Abo Unit	
8. Farm or Lease Name Vacuum Abo Unit	
9. Well No. Tr 13, Btry 2 14	
10. Field and Pool, or Wildcat Vacuum Abo Reef	
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.)

11. OIL WELL ☒ GAS WELL ☐ OTHER ☐
12. Name of Operator Phillips Petroleum Company
13. Address of Operator 4001 Penbrook Street, Odessa, Texas 79762
14. Location of Well UNIT LETTER <u>H</u> <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>18-S</u> RANGE <u>35-E</u> NMPM

15. Elevation (Show whether DF, RT, GR, etc.)
3946' RKB, 3935' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER ☒ Convert to water injection per Order PMX-144

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
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.

Notify NMOCDD of commencement to convert well. MI and RU DDU and reverse unit. Install BOP> Pull alldownhole equipment. GIH with drill bit & drill collars on 2-7/8" N-80 workstring. Establish circulation with fresh water. Add Drispac, flosal and fine to medium size graded CaCO₃ to control viscosity and water loss if needed. Drill out hydromite and cement plugs to wells original PBTD of ±9056'. Circulate hole clean with 2% KCl water. Make casing scraper run to PBTD of 9056'. MI and RU to log from PBTD (9056') to 8400' with GR-CCL log, correlate to Schlumberger open hole sonic log dated 7/20/61 and perforate the Abo Reef Formation, top to bottom, using a 4" OD casing gun with deep penetrating DML charges at 1 JSPF on spiral phasing as follows:

SEE REVERSE SIDE

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 Supervisor, Resv.</u>	DATE <u>11/3/88</u>
ORIGINAL SIGNED BY JERRY SEXTON		
APPROVED BY <u>DISTRICT ENGINEER</u>	TITLE <u></u>	DATE <u></u>

CONDITIONS OF APPROVAL, IF ANY:

Swab perfs to clean up. Fill annulus with 2% KCl water, pressure test to 1000 psi and hold. Acidize the Abo Reef perforations (104') with 10,500 gals. of a 90/10 mixture of 28% Fe HCl acid and xylene containing scale inhibitor, corrosion inhibitor and acid/xylene emulsifier additives as required with 1.3 SG RCN ball sealers used to divert (100% bailout). Swab back load and acid water. COOH with tubing and packer. Notify NMOCD of permanent equipment installation. GIH w/nickel-plated Baker model A-3 Loc-Set packer and nickel plated on-off tool with 1.78" BFC "R" profile on 2-3/8" tubing to ±8750'. Set profile plug in packer. Load tubing and annulus from top with produced water. Test tubing to 1800 psi. Test annulus to 1000 psi. Disconnect tubing from packer and raise tubing 10'. Circulate annulus with inhibited brine (1 drum Unichem 370 inhibitor/130 bbl. brine). Connect tubing to packer assembly and set tubing in 2000# tension. Pressure test annulus to 500 psig. Retrieve profile plug. Move out DDU. Connect well to injection line. Put well on injection.

8805'-8820'	15'	15'
8822'-8832'	10'	10'
8837'-8841'	4'	4'
8855'-8857'	2'	2'
8861'-8867'	6'	6'
8877'-8880'	3'	3'
8904'-8914'	9'	9'
8921'-8931'	10'	10'
8934'-8942'	8'	8'
8952'-8960'	8'	8'
9006'-9035'	29'	29'
	<u>104'</u>	<u>104 shots total</u>
		15 shots
		10 shots
		4 shots
		2 shots
		6 shots
		3 shots
		9 shots
		10 shots
		8 shots
		8 shots
		29 shots