

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

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DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

API No. 30-025-03016

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
B-1713

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 ☐

7. Unit Agreement Name  
Vacuum Abo Unit

12. Name of Operator  
Phillips Petroleum Company

8. Farm or Lease Name  
Vacuum Abo Unit

13. Address of Operator  
4001 Penbrook Street, Odessa, Texas 79762

9. Well No. Tr. 13 Btry. 2  
4

14. Location of Well  
UNIT LETTER B 330 FEET FROM THE North LINE AND 1980 FEET FROM  
THE East LINE, SECTION 4 TOWNSHIP 18-S RANGE 35-E NMPM

10. Field and Pool, or Wildcat  
Vacuum Abo Reef

15. Elevation (Show whether DF, RT, GR, etc.)  
3596' RKB

12. County  
Lea

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 ☐  
PULL OR ALTER CASING ☐ CHANGE PLANS ☐  
OTHER Perf & treat add'l interval ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTER NG 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.

MI and RU DDU. COOH with rods and pump. Insure well is dead. Install BOP. COOH with tubing and TAC. Make casing scraper run to bottom (PBTD at 8791') with 2-7/8", 6.5#, N-80 workstring. GIH with 5-1/2" RTTS-type packer on 2-7/8" workstring. Set packer at 8669'. Swab test perforations 8725'-8762'. Acidize perforations 8725'-8762' (25'-50 shots total) with 1,250 gals 15% HCl acid containing corrosion inhibitor and scale inhibitor additives with 30 lb gelled and crosslinked 10 lb brine water and rock salt used to divert. Swab test perforations. Release packer and COOH. (CIBP may be set at 8711' to T&A perforations 8725'-8762' if test results are negative.) Perforate the 5-1/2" casing from top to bottom with 4" casing guns using premium deep penetrating DML charges at 2 SPF on spiral phasing as follows:

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

SIGNED W. J. Mueller TITLE Engineering Supervisor, Resv. DATE 10/11/88

ORIGINAL SIGNATURE OF OPERATOR

APPROVED BY DISTRICT TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 17 1988

OCB  
MOBBS OFFICE

RECEIVED

85	Shots	42'
55	Shots	27'
9	Shots	4'
31	Shots	15'
23	Shots	11'
21	Shots	10'
37	Shots	18'
7	Shots	3'
9	Shots	4'
7	Shots	3'
9	Shots	4'
8556'	-8559'	3'
8570'	-8574'	4'
8607'	-8629'	22'
8635'	-8644'	9'
8654'	-8661'	7'
8669'	-8686'	17'
		<u>196'</u>
407	Shots	Total

Swab test new perforations. Acidize perforations 8320'-8686' with 11,600 gals 15% NEFe HCl acid containing corrosion inhibitor additive with 1.3 SG RCN ball sealers used to divert. Foam-acid frac perforations 8320'-8686' with 14,910 gals 15% FE HCl acid containing 8 gals SGA-HT gelling agent, 5 gals HC-2 surfactant foaming agent, 10 gals FE-1A iron sequesterant, 9 gals FE-2 iron sequesterant, 2 gals HAI-60 corrosion inhibitor and 34,790 gals CO2 (70% quality) with 30 lb gelled and crosslinked 10 lb brine water and rock salt used to divert. Flow back and swab test perforations 8320'-8686'.  
Rerun production equip, return well to production.