

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 12-1-75

DATE OF LAST REVISION	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-3140

**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 - I" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name Vacuum Abo Unit
Name of Operator Phillips Petroleum Company	8. Farm or Lease Name Btry 2 Vacuum Abo Unit Tract 13
Address of Operator 4001 Penbrook, Odessa, Texas 79762	9. Well No. 11
Location of Well UNIT LETTER F 1650 FEET FROM THE north LINE AND 1980 FEET FROM west 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.) 3956' RKB	12. County Lea

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

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER Acidize existing perfs & perf. & acid frac new zone in Abo Reef, return to production <input checked="" type="checkbox"/>

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

MI and RU DDU. COOH with rods and pump. Insure well is dead.  
Install BOP. COOH with 2-3/8" tubing and TAC.  
GIH with 5-1/2" packer-type RBP and RTTS-type packer on 2-3/8" N-80 workstring.  
Set RBP as close to PBTD as possible. Set RTTS packer at 8625'.  
Pressure test surface lines to 6000 psi prior to treating.  
Acidize perfs at 8642'-8696' with 2500 gals. 15% NEFe HCl acid with inhibitor.  
Do not load annulus. Treat at 4-5 BPM dropping five ball sealers for every six bbls. of acid pumped (50 balls total). Flush to bottom perf. with 35 bbls. formation water.  
Maximum surface treating pressure is 3000 psi.  
Unseat RTTS packer and RBP. PU and set RBP at 8625'. PU and pressure test RBP to 1000 psi. Set RTTS packer at 8500'.  
Load tubing-casing annulus with water and pressure to 1000 psi. Monitor during treating.  
Acidize perfs at 8530'-8606' with 2700 gals. 15% NEFe HCl acid with inhibitor. Treat at 4-5 BPM dropping five ball sealers for every six bbls. of acid pumped (54 balls total).  
Flush to bottom perfs with 36 bbls. formation water. Maximum surface treating pressure is 5000 psi. Shut in and record ISIP, 5, 10 and 15 minute pressures. After one hour, unseat RTTS packer and RBP. GIH and tag Hydromite plug at approximately 8696'. Set RBP as close to PBTD as possible. Set RTTS packer at 8500'. Swab back load and acid water.

(See reverse side of page)

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, Res. DATE: 10-24-86  
Signed: Edgar W. Seay TITLE: Oil & Gas Inspector DATE: OCT 30 1986

Unseat RTTS packer and RBP. PU and set RBP at 8510'. PU and pressure test RBP to 1000 psi. PU to 8500' with RTTS packer (do not set). Spot 100 bbls. 10% acetic acid from 8500' to 8284'. PU to  $\pm$  7000' and swab tubing dry. COOH with tubing and RTTS packer. Install lubricator. Perforate 5-1/2" O.D. casing with 4" O.D. guns at 2 JSPF with premium DML and spiral phasing charges. Perforate from top to bottom at the following depths:

8332'-8336'	4'	8 shots
8344'-8349'	5'	10 shots
8371'-8379'	8'	16 shots
8403'-8429'	26'	52 shots
8433'-8436'	3'	6 shots
8446'-8452'	6'	12 shots
8456'-8480'	<u>24'</u>	<u>48 shots</u>
	76'	152 shots

GIH with 5-1/2" RTTS-type packer on 2-3/8" N-80 workstring. Set packer at 8200'. Swab test perfs at 8332'-8480'.

Load tubing-casing annulus with water and pressure to 1000 psi. Monitor during treating.

Acid frac perfs at 8332'-8480' with 15,000 gals. of gelled and crosslinked 15% NEFe HCl acid and 6,000 gals. of 15% NEFe HCl acid.

Shut in and record ISIP, 5, 10, and 15 minute pressures. Allow at least three hours for crosslinked acid to break and spend. Then swab back load and acid water.

Unseat RTTS packer, retrieve RBP and COOH with tubing, RTTS packer, and RBP.

GIH with production tubing and sucker rod string.

Put well on pump.