STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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# OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease: State [X] Fee [ ]

5. State Oil & Gas Lease No.: E-6504

API No. 30-025-03063

## 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.)

7. Unit Agreement Name: Vacuum Abo Unit

OIL WELL [X] GAS WELL [ ] OTHER-

8. Farm or Lease Name: Vacuum Abo Unit

1. Name of Operator: Phillips Petroleum Company

9. Well No.: Btry. 1, Tr. 14
1

2. Address of Operator: 4001 Penbrook Street, Odessa, Texas 79762

10. Field and Pool, or Wildcat: Vacuum Abo Reef

4. Location of Well
UNIT LETTER K, 1980 FEET FROM THE south LINE AND 1980 FEET FROM THE west LINE, SECTION 5 TOWNSHIP 18-S RANGE 35-E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.): 3958' GR

12. County: Lea

6. 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 [ ] | | COMMENCE DRILLING OPNS. [ ] | PLUG AND ABANDONMENT [ ] |
| PULL OR ALTER CASING [ ] | CHANGE PLANS [ ] | CASING TEST AND CEMENT JOB [ ] | |
| OTHER Swab test, perforate, acidize & frac [X] | | OTHER [ ] | |

7. 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.

Recommended procedure swab test, perforate additonal zone, acidize and frac:

MI & RU DDU. Install BOP. COOH with TAC and SN on 2-3/8" production tubing. GIH with packer-type RBP & RTTS-type packer on 2-3/8" production string. Set RBP at ±8875', PU and pressure test to 1000 psi. Set packer at ±8500'. Swab test existing perforations 8556'-8840'. Set packer-type RBP at ±8540' and pressure test to 1000 psi. Set RTTS-type packer ±8200' and swab test perforations 8250'-8280'. Spot 5 bbls acetic acid from ±8530'-8207'. PU to 7000' and swab tubing dry.

Install lubricator and perforate 4-1/2" OD casing at 1 JSPF on spiral phasing w/premium DML charges as follows:

| | | |
|---|---|---|
| 8282'-8291' | 8295'-8301' | 8305'-8311' |
| 8315'-8317' | 8323'-8332' | 8340'-8347' |
| 8354'-8358' | 8361'-8364' | 8374'-8375' |
| 8380'-8388' | 8421'-8427' | 8432'-8440' |
| 8445'-8456' | 8466'-8468' | 8471'-8475' |
| 8477'-8502' | 8504'-8512' | |

SEE REVERSE SIDE

8. 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, Reserv DATE 9-18-86

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

GIH with RTTS-type packer on 2-7/8" N-80 work string. Set packer at ±8150'. RBP is at ±8540'. Swab test perforations and reset packer at 8400'. Acidize perforations 8421'-8512' with 3000 gals of 15% NEFE HCL containing 2 gal/1000 gals CI-23 inhibitor, 1 gal/1000 gals acid NE-12 agent, and 9 gals/1000 gals acid FE-300N iron sequestrant. Maximum treating pressure 5000 psi, injection rate 4-5 BPM.

Reset packer-type RBP at 8405' PU and pressure test to 1000 psi. Set RTTS-type packer at ±8150'. Acidize perforations 8250'-8388' with 5000 gals 15% NEFE HCL containing same additives as above.

Reset packer-type RBP at 8535' PU and pressure test to 1000 psi. Set packer at ±8150' and swab test to clean up.

Acid frac perforations 8250'-8512' with 8000 gals of 15% NEFE HCL acid containing 2 gal/1000 gals acid CI-23 inhibitor, 1 gal/1000 gals acid NE-12 NE agent, and 9 gal/1000 gals acid FE-300N iron sequestrant plus 20,000 gals of 15% NEFE HCL cross linked acid. Treat at 10-15 BPM with 5000 psi maximum treating pressure. Shut-in at least 3 hrs for acid to break and spend before swabbing.

Swab back load and acid water. COOH with packer-type RBP & RTTS-type packer on 2-7/8" workstring. GIH with existing production tubing. Land tubing at ±8846', SN @ ±8500' and TAC at 8146' set in 10,000# tension.

GIH with new sucker rod string and pump. Put well on pump w/pump spacing at 50". Test daily until production stabilizes.