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 [ ]

API No. 30-025-03074

5. State Oil & Gas Lease No.: E-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 —" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL [ ] GAS WELL [ ] OTHER- Convert to water injection

7. Unit Agreement Name: Vacuum Abo Unit

Name of Operator: Phillips Petroleum Company

8. Farm or Lease Name:

Address of Operator: Room 401, 4001 Penbrook St., Odessa, Texas

9. Well No.: 19 Btry. 2 Tr. 13

Location of Well: UNIT LETTER P, 990 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE, SECTION 5 TOWNSHIP 18-S RANGE 35-E NMPM.

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

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

12. County: Lea

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 Convert to water injection [XX]

SUBSEQUENT REPORT OF:

REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] PLUG AND ABANDONMENT [ ]
CASING TEST AND CEMENT JOB [ ]
OTHER [ ]

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.

Order No. PMX-144

MI & RU DDU & reverse unit. Install BOP. Pull all downhole equipment. GIH w/drill bit & DC on 2-3/8" workstring. Establish circ. w/fresh water. Add Drispac, flosal & fine to medium size graded $CaCO_3$ to control viscosity & water loss if needed. Drill out hydromite cement, sand and CIBP plugs w/reverse circulation to wells original PBTD of 9061'. Circ. hole clean w/2% KCl wtr. Make csg. scraper run to PBTD of 9061'. Spot 14 bbls. 10% acetic acid from PBTD (9061') to 8458'. COOH.

Perforate the Abo Reef formation, top to bottom, using a 4" OD casing gun w/deep penetrating DML charges @ 1 JSPF on spiral phasing as follows:

8663'-8682'	19' - 19 shots	8761'-8771'	10' - 10 shots	8873'-8883'	10'-10 shots
8687'-8697'	10' - 19 shots	8775'-8784'	9' - 9 shots	8887'-8892'	5'- 5 shots
8700'-8704'	4' - 4 shots	8786'-8794'	8' - 8 shots	8895'-8897'	2'- 2 shots
8717'-8719'	2' - 2 shots	8796'-8820'	24' - 24 shots	8900'-8915'	15'-15 shots
8723'-8726'	3' - 3 shots	8826'-8828'	2' - 2 shots	8929'-8942'	13'-13 shots
8738'-8742'	4' - 4 shots	8830'-8833'	3' - 3 shots	Total	152' 152 shots
8751'-8753'	2' - 2 shots	8856'-8858'	2' - 2 shots		
8755'-8757'	2' - 2 shots	8865'-8868'	3' - 3 shots		

GIH w/5-1/2" RTTS-type pkr. on 2-3/8" workstring. Set pkr. @ 8600'. Swab perfs to clean up.

(Over)

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

SIGNED W. J. Mueller TITLE Eng. Supervisor, Reservoir DATE 4/30/87

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE MAY 4 1987

CONDITIONS OF APPROVAL, IF ANY:

Fill annulus w/2% KCl wtr, pressure test to 1000 psi & hold.
Acidize the Abo Reef perforations (152'-152 shots total) w/15,200 gals. of 90/10 mixture of 28% NEFE HCl acid & xylene containing scale inhibitor, corrosion inhibitor & acid/xylene emulsifier additives as required. Treat @ 8-10 BPM w/ maximum treating pressure not to exceed 5000 psi. Drop 1 ball sealer every 3.0 bbls. of acid pumped. Flush to top perforation with 35 bbls. FW. Swab back load and acid water. COOH w/tbg. & packer.
GIH w/ 2-3/8" tbg. string. Set packer @ 8600'. Set profile plug in packer. Load tbg. & annulus from top with produced water. Test tbg. to 1800 psi. Test annulus to 2000 psi. Disconnect tbg. from packer & raise tbg. 10'. Circulate annulus with inhibited brine. Connect tbg. to packer aasembly and set tbg. in 2000# tension. Pressure test annulus to 500 psi. Retrieve profile plug. MO DDU. Connect well to injection line. Put well on injection.