

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

API No. 30-025-27606

5a. Indicate Type of Lease	
State ☒	Fee ☐

5. State Oil & Gas Lease No.

A-1320

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- Water Injection per PMX #122

Name of Operator

Phillips Petroleum Company

Address of Operator

4001 Penbrook Street, Odessa, Texas 79762

Location of Well

UNIT LETTER A, 1200 FEET FROM THE north LINE AND 50 FEET FROM

THE east LINE, SECTION 32 TOWNSHIP 17-S RANGE 35-E N.M.P.M.

7. Unit Agreement Name

East Vacuum Gb/SA Unit

8. Farm or Lease Name

East Vacuum Gb/SA Unit

9. Well No. Tract 3202

010

10. Field and Pool, or Wildcat

Vacuum Gb/SA

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

3953'GR

12. County

Lea

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 JOBS ☐

OTHER ☐

OTHER Cmt sqz wtr channel & perfs, reperf & acidize ☒

6. 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 to cement squeeze lower perforations and water channel outside casing from 4657'-4896', reperforate and stimulate lower zone and return well to injection:

Shut in well prior to workover to allow tubing pressure to fall off to 0 psi. Flow well back if necessary.

MI & RU DDU. Install BOP. Release packer, lower packer to PTD to check for buildup over perfs. COOH with tubing and packer.

GIH with RTTS-type packer on 2 7/8" workstring tubing. Set packer at ±4565'. Attempt to load tubing-casing annulus with produced water. Establish injection into perfs 4593'-4657'. COOH with tubing and packer. Cement squeeze procedure will be modified as necessary if any communication observed.

GIH with cement squeeze retainer on 2 7/8" workstring. Set retainer at ±4565'.

Pump 50 sx Class C cement with 0.5% CFR2 (14.8 ppg, 1.32 cu ft/sx) followed by 100 sx Class C Neat cement. Hesitate squeeze last 5 sacks of cement. Attempt to obtain 500+ psi squeeze pressure.

SEE REVERSE SIDE

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, Reserve DATE June 27, 1986

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR

TITLE DISTRICT SUPERVISOR

DATE JUL 2 1986

CONDITIONS OF APPROVAL, IF ANY:

Pull out of retainer. Pull tubing to $\pm 4550'$ and reverse circulate clean. COOH w/tbg. WOC overnight.

GIH with gauge ring on sand line to TOC. GIH with RTTS-type packer on workstring, set at 4350'. Run step rate test with BHP bomb set at 4427' (RKB). COOH with tbg & pkr.

GIH with drill bit and collars on 2 7/8" workstring and drill out cement retainer and cement. Circulate casing clean to current PTD of 5050'. COOH with tubing, collars & bit.

Perforate casing with centralized 4" OD casing guns using premium DML charges at 1JSPF on spiral phasing at 4594', 4595', 4605', 4608', 4616', 4621', 4629', & 4630'. Total 8 shots.

GIH with straddle packer and SN on tubing to 4630', with a standing valve in the lower packer element and a spotting valve in the SN immediately above the packer.

Spot 500 gals of 15% NEFE HCL across perfs. The acid is to contain low temperature inhibitor and LST agent. Break down perfs using 800 gals of acid. Pull packer & set at 4560'. GIH with the sand line and retrieve the spotting valve and standing valve.

Flush with 30 BW. Do not exceed 1000 psi surface pressure.

Set packer at 4400', swab back load and acid water. COOH with tubing and packer. GIH with injection packer and on-off tool on injection tubing to $\pm 4360'$ as before. Load tubing-casing annulus with 72+ bbls of 9.0 ppq brine inhibited with 33 gals of Unichem Techni-Hib 370. Set packer and leave tubing in 10,000# compression.

Pressure test tubing-casing annulus to 500+ psi for 30 minutes per NMOC requirements.

Remove BOP, flange up wellhead and meter run, and return well to injection at 1500 BPD; maximum wellhead pressure 1350 psi. After injection has stabilized, rerun injection survey and prepare for CO₂ injection.

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MCCOY GROUP