

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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API No. 30-025-27606

|                                           |                              |
|-------------------------------------------|------------------------------|
| 3a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 3. State Oil & Gas Lease No.              |                              |
| A-1320                                    |                              |
| 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 WHdcat             |                              |
| Vacuum Gb/SA                              |                              |
| 12. County                                |                              |
| Lea                                       |                              |

## 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 ☐ 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 NMPM.

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

3953' GR

## Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
FULL OR ALTER CASING ☐PLUG AND ABANDON ☐  
CHANGE PLANS ☐OTHER ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐  
COMMENCE DRILLING OPER. ☐  
CASING TEST AND CEMENT JOB ☐ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐OTHER Cmt sqz perfs, casing shoe, & channel, [X]  
reperforate, acidize and return well to injection

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 1503.

8-26-86: RU DDU. ND wellhead, installed BOP, tagged TD w/tbg & pkr at 5050'. COOH with tbg & injection pkr. WIH w/2-7/8" tbg & 5-1/2" pkr, set at 4563'. Injected down tbg at 5 BPM at 500 psi into perfs 4593'-4657', had communication w/upper perfs, established circulation to surface. Dropped standing valve, tested tbg to 1200 psi, tested ok. Fished standing valve.

8-27-86: COOH with tbg & pkr. WIH w/5-1/2" cmt retainer, set at 4332'. Press'd annulus to 500 psi. Pmpd 150 sx Class w/.5% CFR<sub>2</sub> & 200 sx Class neat. Did not squeeze. Pmpd cmt clear of retainer & perfs. Pmpd 100 sx Class C neat cmt, 50 sx into formation, hesitate squeeze to 1500 psi, rev out 50 sx cmt.

8-28-86

thru 8-30-86: WOC 36 hrs, Tagged cmt at 4324', drld retainer &amp; cmt to 4366'.

8-31-86: Drld cmt to 4466'. Circulated clean.

9-01-86: Crew of- 24 hrs,

9-02-86: Drld cmt to 4572'. Circulated clean.

SEE REVERSE SIDE

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

SIGNED [Signature] W. J. Mueller TITLE Engineering Supervisor, Reserve DATE 10-01-86

ORIGINAL SIGNED BY KERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

9-03-86: Drid cmt to 4729'. Tested csg w/tools in hole would not hold pressure. COOH. WIH w/tbg & pkr, set pkr at 4562'. Tested below pkr, would not hold, but no sign of communication w/upper perfs. Set pkr at 4680', tested to 1000 psi below pkr, would not hold.

9-04 thru

9-07-86: Set RBP @ 4719', pkr at 4652', tested to 1000 psi, ok. Pumped into perfs 4593'-4657' @ 1600 psi. Got circulation back to surface from perfs. COOH w/pkr & RBP. Drid cmt from 4729'-4792'. COOH w/tbg & tools, set CIBP at 4780'. Dumped 2 sx of cmt on plug. Set cmt retainer at 4332', pmpd 75 sx Class C cmt w/.6% D-60 followed by 75 sx of Class C Neat. Pressure came up to 1500 psi. Started hesitation squeeze, pmpd total of 52.5 sx cmt into formation, squeeze pressure 2000 psi, pulled out of retainer reverses out 97.5 sx cmt. WOC 89 hrs.

9-08-86:

Tagged cmt at 4321'. Drid cmt to 4419'.

9-09 thru  
9-14-86:

Drid cmt to 4720', circ clean. Set pkr at 4682', tested to 1000 psi. Test below pkr would not hold w/no sign of communication w/upper perfs. Tested to 1000 psi above pkr, would not hold pkr, showed signs of communication between perfs. Dropped standing valve, test tbg to 1000 psi, ok. Moved pkr tested under pkr set at 4682', held ok. Retested perfs w/pkr set at 4562', communication between lower and upper perfs at 1/10 BPM at 900 psi. Spotted 500 gals of acetic acid across interval to be perf'd 4537' to 4436'. 9-12-86: Ran correlation log and perf'd 1 JSPF 4436'-4442'; 4447'-4451'; 4456'-4460'; 4466'-4474'; 4527'-4537'. Spotted 500 gals across perfs 4436' & 4537', set pkr at 4510'. Pmpd 500 gals of acid. Fished spot control valve set RBP at 4490', pkr at 4300', pmpd 1200 gals of 15% NEFE HCL & dropped total of 28 ball sealers. 9-13-86: Swbd 10 hrs, rec 230 bbls spent acid & water. 9-14-86: Crew off 24 hrs.

9-16-86:

Ran step rate test.

9-16-86:

Perf'd 1 JSPF 4574', 4595'; 4605'; 4608'; 4616'; 4621'; 4629'; 4630', total of 8 shots. Treated perfs w/1300 gals of 15% NEFE HCL w/inhibitor & LST agent. Swbd 2 hrs, 20 bbls spent acid and water rec'd.

9-17-86:

WIH w/5-1/2" Brown M-1 Husky pkr on 2-7/8" tbg, set tbg at 4332', set pkr to 4303'.

9-18-86:

Tested annulus to 500 psi, did not hold, redressed pkr. Set pkr at 4303', loaded annulus w/FW & pressured to 500 psi for 10 min, held ok.

9-19-86:

Pmpd pkr fluid, tested csg to 500 psi for 30 min, held ok. Hooked up injection line, started water injection down 2-7/8" tbg thru 5-1/2" csg perfs 4436'-4630' at 2175 BPD at 750 psi.

9-20-86:

Injection rate of 1800 BPD at 975 psi.

9-21-86:

Injection rate of 1800 BPD at 1075 psi. Job complete.

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