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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	For <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-2073	

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 TO DRILL" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
Phillips Petroleum Company		
Address of Operator		
4001 Penbrook, Odessa, Texas 79762		
Location of Well		
UNIT LETTER	H	1980 FEET FROM THE North LINE AND 660 FEET FROM
THE east	LINE, SECTION 5	TOWNSHIP 18-S RANGE 35-E N.M.P.M.

7. Unit Agreement Name
Vacuum Abo Unit
8. Farm or Lease Name Btry #2
Vacuum Abo Unit, Tract #13
9. Well No.
5
10. Field and Pool, or Wildcat
Vacuum Abo Reef
12. County
Lea

15. Elevation (Show whether DF, RT, GR, etc.)
3944 GR

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"/>
DRILL OR ALTER CASING <input type="checkbox"/>	OTHER <input checked="" type="checkbox"/> Perforate additional interval, acidize and acid frac

SUBSEQUENT REPORT OF:	
REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <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 1103.

MI and RU DDU. Pull rods and pump. Install BOP.
Release TAC and spot 8 bbls of 10% acetic acid from +8645' to +8300'. PU to +7000' and swab tubing dry. COOH.
Install lubricator and perforate 5-1/2" O.D. casing with 4" O.D. guns at 2 JSPF on spiral phasing w/ premium DML charges as follows:

8398'-8408' ; 8411'-8417' ; 8428'-8434' ;
8442'-8444' ; 8448'-8452' ; 8470'-8478' ;
8570'-8573' ; 8579'-8583' ; 8596'-8598' ;
8601'-8605' ; 8611'-8614' ; 8618'-8620' ;
8622'-8624' ; 8626'-8632' ; 8635'-8640' ;

Total of 67' and 134 shots. Shoot from top to bottom.
GIH w/ packer-type RBP and RTTS-type pkr. on 2-7/8" N-80 workstring. Set RBP at +8690'.
PU and pressure test to 2000 psi. Set pkr. at +8300' and swab test perfs. Reset pkr. at +8500'.
Acidize perfs 8570' to 8670' w/ 4500 gals. 15% NEFE HCl containing 2 gals/1000 gals CI-23 inhibitor, 1 gal/1000 gals NE-12 NE agent, and 9 gals/1000 gals FE-300N iron sequestrant as follows (monitor but do not load annulus during treatment): (see reverse side of page)

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

SIGNED Eddie W. Seay
Oil & Gas Inspector

TITLE Engineering Supervisor, Res.

DATE 10-27-86

TITLE

DATE

10-27-86

- a. Pressure test all surface lines to 6000 psi.
- b. Pump 1000 gals of acid.
- c. Pump 3500 gals (83 bbls) of acid and drop 1 ball sealer per bbl of acid pumped (total of 83 ball sealers).
- d. Flush w/ 53 bbls of 2% KCl water.

NOTE: Maximum treating pressure = 5000 psi
Injection rate = 4-5 BPM

Reset RBP at +8500', PU and pressure test to 2000 psi. Set pkr. at +8310'.
Acidize perfs 8398' to 8478' w/ 3000 gals 15% NEFE HCl containing 2 gals/1000 gals CI-23 inhibitor, 1 gal/1000 gals NE-12 NE agent, and 9 gals/1000 gals FE-300N iron sequestrant as follows:

- a. Pressure test all surface lines to 6000 psi.
- b. Load annulus w/ 2% KCl water and pressure test to 500 psi. Hold and monitor during treatment.
- c. Pump 500 gals of acid.
- d. Pump 2500 gals (60 bbls) and drop 1 ball sealer per bbl of acid pumped (total of 59 ball sealers).
- e. Flush w/ 52 bbls of 2% KCl water.

NOTE: Maximum treating pressure = 5000 psi
Injection rate = 4-5 BPM

Reset RBP at +8690', PU and pressure test to 2000 psi. Set pkr. at +8310'.
Swab back load and spent acid.

Reset RBP and +8900', PU and pressure test to 2000 psi. Set pkr. at +8310'.
Acid frac perfs 8398' to 8839' with 9000 gals 15% NEFE HCl acid containing 2 gals/1000 gals CI-23 inhibitor, 1 gal/1000 gals NE-12 agent, and 9 gals/1000 gals FE-300N iron sequestrant plus 24,000 gals 15% HCl crosslinked acid. Treat at 10 to 15 BPM with 5000 psi maximum treating pressure.
Flush with 61 bbls 2% KCl water.

Allow at least 3 hours for crosslinked acid to break and spend before swabbing.
Swab back load and spent acid. COOH with RBP and packer on 2-7/8" N-80 workstring.
GIH w/ existing tubing string.
GIH w/ existing rod string and pump.
Put well on pump.

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