

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-1845	

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.)

1. OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/> Convert to water injection		7. Unit Agreement Name Vacuum Abo Unit
2. Name of Operator Phillips Petroleum Company		8. Farm or Lease Name Vacuum Abo Unit
3. Address of Operator Room 401, 4001 Penbrook St., Odessa, Texas 79762		9. Well No. Btry. 3, Tr. 10 9
4. Location of Well UNIT LETTER J, 1980 FEET FROM THE South LINE AND 2310 FEET FROM THE East LINE, SECTION 34 TOWNSHIP 17-S RANGE 35-E NMPM.		10. Field and Pool, or Whdcat Vacuum Abo Reef
15. Elevation (Show whether DF, RT, GR, etc.) 3938' RKB		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> FULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Convert to water injection
REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <input type="checkbox"/>	
ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>	

17. 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 R-3181B

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 wtr. Add Drispac, flosal & fine to med. size graded CaCO₃ to control viscosity & wtr. loss. Drill out hydromite & sand plugs w/reverse circ. to wells original PBTD of 9055'. Circ. hole clean w/2% KCl wtr. Make csg. scraper run to PBTD of ±9055'. Spot 14 bbls. acetic acid from PBTD (9055') to 8452'. COOH.

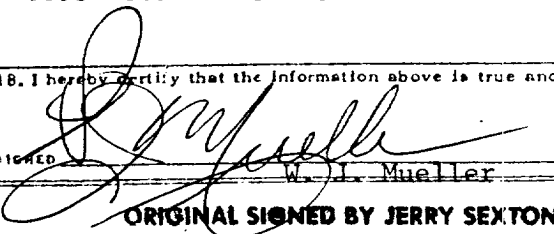
Perforate the Abo Reef formation, charges @ 1 JSPF on spiral phasing as follows:

8755'-8776' 21'-21 shots	8900'-8933' 33'-33 shots	9043'-9052' 9'-9 shots
8801'-8806' 5'-5 shots	8937'-8941' 4'-4 shots	
8813'-8817' 4'-4 shots	8951'-8953' 2'-2 shots	
8823'-8829' 6'-6 shots	8962'-8967' 5'-5 shots	
8837'-8840' 3'-3 shots	8969'-8986' 17'-17 shots	
8843'-8845' 2'-2 shots	8988'-9005' 17'-17 shots	
8847'-8850' 3'-3 shots	9016'-9019' 3'-3 shots	
8853'-8855' 2'-2 shots	9023'-9024' 1'-1 shot	
8866'-8873' 7'-7 shots	9027'-9030' 3'-3 shots	
8875'-8891' 16'-16 shots	9033'-9036' 3'-3 shots	
8893'-8898' 5'-5 shots	9038'-9042' 4'-4 shots	

175' 175 shots total

(over)

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

SIGNED 	TITLE Eng. Supervisor, Reservoir	DATE 5/20/87
ORIGINAL SIGNED BY JERRY SEXTON		
APPROVED BY DISTRICT I SUPERVISOR	TITLE	DATE MAY 22 1987

CONDITIONS OF APPROVAL, IF ANY:

GIH w/5-1/2' RTTS-type packer on 2-3/8" workstring. Set packer @ $\pm 8700'$. Swab perfs to clean up. Fill annulus w/2% KCl wtr., pressure test to 1000 psi & hold. Acidize the Abo Reef perforations (175'-175 shots total) with 17,500 gals. of a 90/10 mixture of 28% NeFe NCL acid & xylene containing scale inhibitor, corrosion inhibitor & acid/xylene emulsifier additives. Treat @ 8-10 BPM w/max. 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. fresh water. Swab back load & acid water. COOH w/tbg. & packer.

GIH w/2-3/8" tbg. Set packer @ $\pm 8700'$. 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'. Circ. annulus w/inhibited brine. Connect tbg. to packer assembly & set tbg. in 2000# tension. Pressure test annulus to 500 psi. Retrieve profile plug. Move out DDU. Connect well to injection line. Put well on injection.

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MAY 21 1987
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