

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103

Revised March 25, 1999

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO. <b>30-025-03047</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>B-1713</b>
7. Lease Name or Unit Agreement Name: <b>VACUUM ABO UNIT TRACT 13</b>
8. Well No. <b>06</b>
9. Pool name or Wildcat <b>VACUUM ABO REEF</b>

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator <b>Phillips Petroleum Company</b>	
3. Address of Operator <b>4001 Penbrook Street Odessa, TX 79762</b>	
4. Well Location Unit Letter <b>A</b> : <b>330</b> feet from the <b>NORTH</b> line and <b>660</b> feet from the <b>EAST</b> line Section <b>4</b> Township <b>18-S</b> Range <b>35-E</b> NMPM <b>LEA</b> County	
10. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3935' GR, 3950' RKB</b>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐  
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Plug and Abandon Procedure, before and after wellbore schematics attached.

THIS COMPLETION MUST BE COMPLETED  
HOURS PRIOR TO THE PLUGGING OPERATION  
PLUGGING OPERATION MUST BE COMPLETED  
TO BE APPROVED.

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

SIGNATURE Stacy Binder TITLE SUPERVISOR, REG./PRO. DATE 02/05/02

Type or print name L. M. SANDERS Telephone No. 915-368-1488

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB 07 2002

Conditions of approval, if any:

5  
C

MP

**PLUG AND ABANDON WELL PROCEDURE  
VACUUM ABO UNIT #13-06**

**NOTE:** Cement used is Class "C", density of 14.8 ppg, yield of 1.32 cubic feet per sack.

1. Notify NMOCD at (505) 393-6161, 24 hours prior to initiating plugging operations.
2. MIRU Plug & Abandon Package.
3. ND wellhead. Freepoint 5-1/2" casing. (TOC by temperature survey @ 3290')  
Freepoint 8-5/8" casing. NU PPCo. Class 1 shop tested BOPE stack.
4. GIH w/ 2-3/8" WS open-ended and tag CIBP @ 8420'. Circulate 5-1/2" casing with 9.5 ppg mud-laden fluid.
5. Spot Plug No. 1, minimum 25 sx., calculated interval: 8420'-8167'. WOC and tag.  
The plug will cover the Abo Reef.
6. POOH & LD to 6400'. Spot Plug No. 2, 30 sx., minimum 25 sx., calculated interval: 6400'-6104'. The plug will cover the Clearfork and Glorieta.
7. POOH & LD to 4650'. Spot Plug No. 3, minimum 25 sx., calculated interval: 4650'-4403'. The plug will cover the San Andres.
8. POOH & LD to 3975'. Spot Plug No.4, minimum 25 sx., calculated interval: 3975'-3728'. The plug will cover the Queen.
9. POOH w/ WS. MIRU wireline. GIH w/ wireline. Cut 5-1/2" casing @ 3275' or closest freepoint. POOH wireline. Pull 5-1/2" casing.
10. GIH w/ WS to 3325' (or 50' below stub or casing shoe, whichever is deeper) Spot Plug No. 5, 35 sx., minimum interval: 50' below stub or shoe – 50' above stub or shoe (whichever is closer to surface), calculated interval: 3325'-3169'. WOC and tag. The plug covers the casing stub and intermediate casing shoe.
11. POOH & LD WS to 3010'. Spot Plug No.6, 35 sx., minimum interval: 3010'-2910', calculated interval: 3010'-2875'. The plug covers the Yates.
12. POOH & LD to 1650'. Spot Plug No. 7, 35 sx., minimum interval: 1650'-1550', calculated interval: 1650'-1521'. The plug will cover the Rustler.
13. POOH w/ WS. GIH w/ wireline and stringshot 8-5/8" casing @ nearest collar above freepoint. RD wireline. LD 8-5/8" casing. Go to Step 14 if freepoint is above surface casing shoe; go to Step 15 if freepoint is below surface casing shoe.

14. GIH w/ WS to 375'. Spot Plug No. 8, 50 sx., minimum and calculated interval: 375'-268'. The plug covers the surface casing shoe and serves as the surface plug. Go to Step 16.
15. GIH w/WS to 50' inside casing stub. Spot Plug No. 8, 50 sx., minimum interval: 50' below casing stub to 50' above surf. csg. shoe. The plug covers the csg. stub, & surface casing shoe.
16. POOH LD to 75'. Spot Plug #9, 50 sx, minimum interval: 60'-surface, calculated interval: 75'-surface. TOOH & LD workstring. WOC. Visually tag cement and top off if necessary.
17. Cut off casing and wellhead 3' below GL and cap well. Install dry hole marker. Perform reclamation work.
18. Send forms and reports to:

Phillips Regulatory  
4001 Penbrook  
Odessa, Texas 79762

Phillips Petroleum Company - Southwest Region  
VACUUM ABO UNIT #13-06

Date: 1/7/2002

surface  
RKB 3950'  
DF 3949'  
GL 3935'

322'  
Surface Hole: 16"  
Surface Casing: 13-3/8", 48#, H-40, ST&C @ 322'  
350 sx cmt. Circ. 60 sx.

Lease & Well No.: Vacuum Abo Unit #13-06

Well Category: One Status: TA'd

Area: New Mexico

Subarea: Buckeye Field - Vacuum Abo Reef

API Number: 30-025-03047

Legal Description: 330' FNL, 660' FEL, Sec 4, T-18-S, R-35-E  
Lea County, New Mexico

Spudded: 03/04/1961

Completed: 04/16/1961

Abo Perforations

3263'  
Intermediate Hole: 11"  
Intermediate Casing: 8-5/8", J-55, ST&C, 2400'-24#, 763'-32# @ 3263'.  
1200 sx. cmt. TOC unknown.

3290'  
TOC at 3290' by temperature survey.

8493' - 8498' w/ 2 SPF (10 holes)  
8504' - 8511' w/ 2 SPF (14 holes)  
8515' - 8520' w/ 2 SPF (10 holes)  
8521' - 8524' w/ 2 SPF (6 holes) Sqz'd  
8526' w/ 2 SPF (2 holes) Sqz'd  
8527' - 8533' w/ 2 SPF (12 holes)  
8534' w/ 2 SPF (2 holes) Sqz'd  
8537' - 8544' w/ 2 SPF (14 holes)  
8545' - 8552' w/ 2 SPF (15 holes) Sqz'd  
8555' - 8557' w/ 2 SPF (5 holes) Sqz'd  
8560' - 8562' w/ 2 SPF (5 holes) Sqz'd  
8608' - 8627' w/ 2 SPF (38 holes) Sqz'd  
8627' - 8658' w/ 2 SPF (62 holes)  
8684' - 8698' w/ 2 SPF (28 holes)  
8721' - 8729' w/ 2 SPF (16 holes)  
8736' - 8748' w/ 2 SPF (24 holes)  
8782' - 8798' w/ 2 SPF (32 holes)  
8830' - 8834' w/ 2 SPF (8 holes)  
8938' - 8950' w/ 4 SPF (48 holes) Sqz'd  
8972' - 8986' w/ 4 SPF (56 holes) Sqz'd  
9000' - 9007' w/ 4 SPF (28 holes) Sqz'd  
9022' - 9045' w/ 4 SPF (92 holes) Sqz'd

Formation Tops:

8420'  
CIBP at 8420'. (3/94)

8575'

8770'  
CIBP at 8770' w/ 2 sx. cmt. (4/74)

8938'

9150'  
Production Hole: 7-7/8"  
Production Casing: 5-1/2", J-55, ST&C,  
7100'-15.5#, 2044'-17# @ 9144'.  
488 sx. cmt TOC @ 3290' by Temp. survey.

9109'

Rustler 1620'  
Yates 2960'  
Queen 3904'  
San Andr 4564'  
Glorieta 6272'  
Clearfork 6336'  
Abo Reef 8404'

Well History:

3/94 Set CIBP at 8420'. Tstd csg to 500 psi on 3/19/94. Held OK.  
TA'd 3/19/94. Prod before: 10 bo, 4 mcfg, 2565 bw / 24 hrs.

2/01 Ran csg integrity test on 2/26/01. Tstd to 550 psi. Finished 530  
psi. Passed. Witnessed by NMOCD.

PBTD: 9109'  
TD: 9150'