

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-02902

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-1840

7. Lease Name or Unit Agreement Name

Vacuum Abo Unit Battery 4 Tract 1

8. Well Number 008

9. OGRID Number

10. Pool name or Wildcat
Vacuum Abo Reef

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. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
4001 Penbrook Street Odessa, Texas 79762

4. Well Location

Unit Letter O : 330 feet from the South line and 1,650 feet from the West line
Section 27 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,925' GL 3,940' RKB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type steel Depth to Groundwater 62' Distance from nearest fresh water well N/A Distance from nearest surface water N/A

Pit Liner Thickness: steel mil Below-Grade Tank: Volume 180 bbls; Construction Material steel

12. 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 COMPL ☐
OTHER: ☐

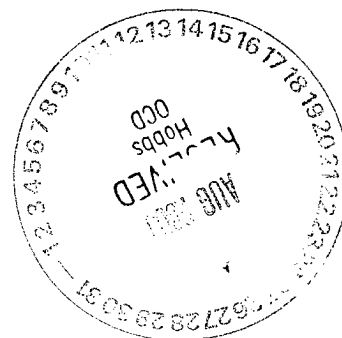
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. 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 recompletion.

See attached wellbore diagrams and plugging procedure

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☒.

SIGNATURE James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 08/24/04

Type or print name James F. Newman E-mail address: jim@triplenservices.com Telephone No. 432-687-1994

For State Use Only

APPROVED BY: Harry W. Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any):
DATE AUG 27 2004

WELLBORE SKETCH
ConocoPhillips Company -- Permian Basin Business Unit

Date: August 24, 2004

RKB @ 3,940'
DF @ _____
GL @ 3,925'

Subarea : Buckeye
Lease & Well No. : Vacuum Abo Unit #01-08
Legal Description : 330' FSL & 1,650' FEL, Section 27, T-17-S, R-35-E
County : Lea State : New Mexico
Field : Vacuum
Date Spudded : June 24, 1962 IPP: _____
API Number : 30-025-02902
Status: _____

Formation Tops:

Yates	2,861
Seven Rivers	3,087
Queen	3,735
Grayburg	4,003
San Andres	4,388
Glorieta	5,940
Abo	8,434

13-3/8" 48# @ 329' w/ 325 sx, circ.

TOC 1,750' T.S.
Top of Salt @ 1,800' est.

Base of Salt @ 2,800' est.

8-5/8" 24# @ 3,283' w/ 950 sx

TOC 3,693' T.S.

Abo Perforations

8,445 - 8,598'

7-7/8" Hole
CIBP @ 8,735'
5-1/2" 15.5/17# @ 9,100' w/ 629 sx

PBTD: 8,598'
TD: 9,100'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Abo Unit #01-08
Vacuum Abo Field
Section 27, T17S, R35E
Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

SI producer

- Notify BLM & OCD 24 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
 - Test rig anchors if last test over 2 years old
1. Set steel pit and flow well down as needed.
 2. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. POOH w/ production tubulars as present.
 3. RIH w/ gauge ring on wireline to 8,395'. POOH w/ gauge ring.
 4. RIH w/ 5½" HM tbg-set CIBP on 2¾" workstring to 8,395'. RU cementer and set CIBP, circulate hole w/ 150 bbls plugging mud. Pump 25 sx C cmt on CIBP 8,395 – 8,148'. POOH w/ tbg to 5,940'. **Abo plug**
 5. Pump 25 sx C cmt 5,940 – 5,693'. POOH w/ tbg to 4,388'. **Glorieta plug**
 6. Pump 25 sx C cmt 4,388 – 4,141'. POOH w/ tbg. **San Andres plug**
 7. RU lubricator and RIH w/ wireline, perforate casing @ 3,333'. POOH w/ wireline.
 8. RIH w/ AD-1 packer to 2,900'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 60 sx C cmt w/ 2% CaCl₂ 3,333 – 3,233'. If unable to establish rate at 1,500 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations. WOC and tag this plug no deeper than 3,233'. **Intermediate casing shoe plug**
 9. RU lubricator and RIH w/ wireline, perforate casing @ 2,900'. POOH w/ wireline.
 10. RIH w/ AD-1 packer to 2,600'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 40 sx C cmt 2,900 – 2,800'. If unable to establish rate at 1,500 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations. **Base of salt plug**
 11. RU lubricator and RIH w/ wireline, perforate casing @ 1,800'. POOH w/ wireline.

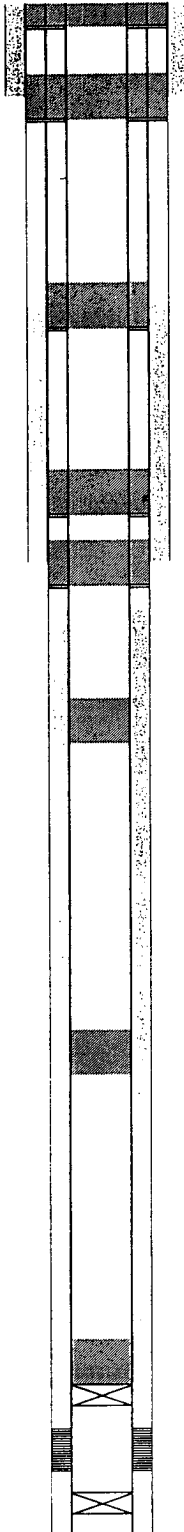
12. RIH w/ AD-1 packer to 1,500'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 40 sx C cmt w/ 2% CaCl_2 1,800 – 1,700'. If unable to establish rate at 1,000 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations. WOC and tag this plug no deeper than 1,700'. **top of salt plug**
13. RU lubricator and RIH w/ wireline, perforate casing @ 379'. POOH w/ wireline.
14. RIH w/ AD-1 packer to 120'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 115 sx C cmt w/ 2% CaCl_2 379 – 279'. If unable to establish rate at 1,000 psi or less, pump 25 sx C cmt balanced plug minimum 50' below perforations. WOC and tag this plug no deeper than 279'. **Surface casing shoe plug**
15. RIH w/ wireline, perforate casing @ 50'. POOH w/ wireline.
16. ND BOP and NU wellhead. Establish circulation in $5\frac{1}{2} \times 8\frac{5}{8}$ " & $8\frac{5}{8} \times 13\frac{3}{8}$ " annuli and circulate 50 sx C cmt 50' to surface. **surface plug**
17. SI well. RDMO. Clean steel pit and dispose of bottoms.
18. Cut off wellhead and anchors, level location. Leave location clean and free of trash.

PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: August 24, 2004

RKB @ 3,940'
DF @
GL @ 3,925'



50 sx C cmt 50' to surface, perf & sqz

13-3/8" 48# @ 329' w/ 325 sx, circ.
115 sx C cmt 379 - 279', perf & sqz
WOC & TAG

TOC 1,750' T.S.
Top of Salt @ 1,800' est.
40 sx C cmt 1,800 - 1,700', perf & sqz
WOC & TAG

Base of Salt @ 2,800' est.
40 sx C cmt 2,900 - 2,800', perf & sqz
8-5/8" 24# @ 3,283' w/ 950 sx
60 sx C cmt 3,333 - 3,233, perf & sqz, WOC & TAG

TOC 3,693' T.S.

25 sx C cmt 4,388 - 4,141'

25 sx C cmt 5,940 - 5,693'

25 sx C cmt 8,395 - 8,148'
CIBP @ 8,395'

Abo Perforations
8,445 - 8,598'

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Queen	3,735
Grayburg	4,003
San Andres	4,388
Glorieta	5,940
Abo	8,434

PROPOSED PLUGS

- 1) set CIBP @ 8,395'
- 2) 25 sx C cmt 8,395 - 8,148'
- 3) 25 sx C cmt 5,940 - 5,693'
- 4) 25 sx C cmt 4,388 - 4,141'
- 5) 60 sx C cmt 3,333 - 3,233, perf & sqz, WOC & TAG
- 6) 40 sx C cmt 2,900 - 2,800', perf & sqz
- 7) 40 sx C cmt 1,800 - 1,700', perf & sqz, WOC & TAG
- 8) 115 sx C cmt 379 - 279', perf & sqz, WOC & TAG
- 9) 50 sx C cmt 50' to surface, perf & sqz

