

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.  
30-025-03109

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-6704

7. Lease Name or Unit Agreement Name

Vacuum Abo Unit Battery 1 Tract 15

8. Well Number

02

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 C : 330 feet from the North line and 1,650 feet from the West line  
Section 8 Township 18-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,969' RKB

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type steel Depth to Groundwater 78' 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

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:

TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE

AUG 27 2004

Conditions of Approval (if any):

# WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: August 24, 2004

RKB @  
DF @ 3,967'  
GL @

Subarea : Buckeye  
Lease & Well No. : Vacuum Abo Unit #15-02  
Legal Description : 330' FNL & 1,650' FWL, Section 8, T-18-S, R-35-E  
County : Lea State : New Mexico  
Field : Vacuum Abo Reef  
Date Spudded : January 21, 1962 IPP:  
API Number : 30-025-03109  
Status : Temporarily Abandoned

## Formation Tops:

Yates	3,037
Seven Rivers	3,393
Queen	4,053
Grayburg	4,495
San Andres	4,864
Glorieta	6,710
Abo	8,749

13-3/8" 35.6# @ 298' w/ 310 sx, circ.

Top of Salt @ 1,690'

TOC 2,860' T.S.  
Base of Salt @ 2,916'

8-5/8" 24# @ 3,261' w/ 1,100 sx

CIBP @ 8,640' (set 11/20/92)  
Abo Perforations  
8,684 - 8,968'

7-7/8" Hole

5-1/2" 17# @ 8,957' w/ 775 sx

PBTD:  
TD: 8,957'

## ConocoPhillips

### Proposed Plugging Procedure

Vacuum Abo Unit #15-02  
Vacuum Abo Field  
Section 8, T18S, 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.
  3. RIH w/ 2 $\frac{3}{8}$ " workstring to CIBP @ 8,640'. RU cementer and circulate hole w/ 150 bbls plugging mud. Pump 25 sx C cmt on CIBP 8,640 – 8,388'. POOH w/ tbg to 6,710'. **Abo plug**
  4. Pump 25 sx C cmt 6,710 – 6,458'. POOH w/ tbg to 4,864'. **Glorieta plug**
  5. Pump 25 sx C cmt 4,864 – 4,611'. POOH w/ tbg to 3,311'. **San Andres plug**
  6. Pump 55 sx C cmt w/ 2% CaCl<sub>2</sub> @ 3,311'. WOC and tag this plug no deeper than 2,816'. POOH w/ tbg. **Intermediate casing shoe & base of salt plug**
  7. RU lubricator and RIH w/ wireline, perforate casing @ 1,690'. POOH w/ wireline.
  8. RIH w/ AD-1 packer to 1,400'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 40 sx C cmt w/ 2% CaCl<sub>2</sub> 1,690 – 1,590'. 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 1,590'. **top of salt plug**
  9. RU lubricator and RIH w/ wireline, perforate casing @ 348'. POOH w/ wireline.
  10. RIH w/ AD-1 packer to 120'. Load hole, set packer, and establish rate into squeeze perforations. Squeeze 40 sx C cmt w/ 2% CaCl<sub>2</sub> 348 – 248'. 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 248'. **Surface casing shoe plug**
  11. RIH w/ wireline, perforate casing @ 50'. POOH w/ wireline.

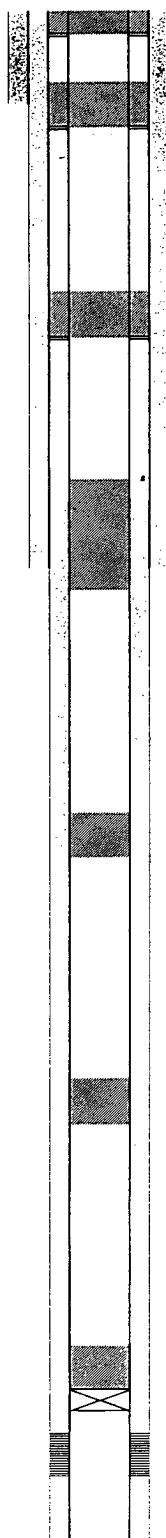
12. ND BOP and NU wellhead. Establish circulation in 5½ x 8⅝" annulus and circulate 30 sx C cmt 50' to surface. **surface plug**
13. SI well. RDMO. Clean steel pit and dispose of bottoms.
14. Cut off wellhead and anchors, level location. Leave location clean and free of trash.

# PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: August 24, 2004

RKB @  
DF @ 3,967'  
CL @



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

13-3/8" 35.6# @ 298' w/ 310 sx, circ.

40 sx C cmt 348 - 248', perf & sqz  
WOC & TAG

Top of Salt @ 1,690'

40 sx C cmt 1,690 - 1,590', perf & sqz  
WOC & TAG

TOC 2,860' T.S.

Base of Salt @ 2,916'

8-5/8" 24# @ 3,261' w/ 1,100 sx

55 sx C cmt 3,311 - 2,816', WOC & TAG

25 sx C cmt 4,864 - 4,611'

25 sx C cmt 6,710 - 6,458'

25 sx C cmt 8,640 - 8,388'

CIBP @ 8,640' (set 11/20/92)

Abo Perforations

8,684 - 8,968'

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Abo	8,749

## PROPOSED PLUGS

- 1) 25 sx C cmt 8,640 - 8,388'
- 2) 25 sx C cmt 6,710 - 6,458'
- 3) 25 sx C cmt 4,864 - 4,611'
- 4) 55 sx C cmt 3,311 - 2,816', WOC & TAG
- 5) 40 sx C cmt 1,690 - 1,590', perf & sqz, WOC & TAG
- 6) 40 sx C cmt 348 - 248', perf & sqz, WOC & TAG
- 7) 30 sx C cmt 50' to surface, perf & sqz

