

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

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

Form C-103
February 8, 2008

| | | |
|--|--|---|
| 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) | | WELL API NO. 30-025-02907 |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale | | 6. State Oil & Gas Lease No. B-1404 |
| 3. Address of Operator 3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406 | | 7. Lease Name or Unit Agreement Name Vacuum Abo Unit Tract 07 ✓ |
| 4. Well Location Unit Letter P : 300 feet from the South line and 560 feet from the East line Section 27 Township 17-S Range 35-E NMPM County Lea | | 8. Well Number 03 ✓ |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,923' GL; 3,937' RKB | | 9. OGRID Number 217817 ✓ |
| Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/> | | |
| Pit type STEEL Depth to Groundwater Distance from nearest fresh water well 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: ☐ PLUGBACK ☐

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 PROPOSED PLUGGING PROCEDURE, CURRENT & PROPOSED PLUGGED DIAGRAMS

RECEIVED

MAR 28 2008

HOBBS OCD

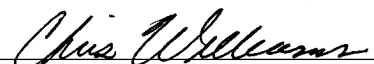
THE OIL CONSERVATION DIVISION **MUST**
BE NOTIFIED 24 HOURS PRIOR TO THE
BEGINNING OF PLUGGING OPERATIONS

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 **03/27/08**

Type or print name
For State Use Only

E-mail address: **jim@triplenservices.com** Telephone No. **432-687-1994**

APPROVED BY: 
Conditions of Approval (if any):

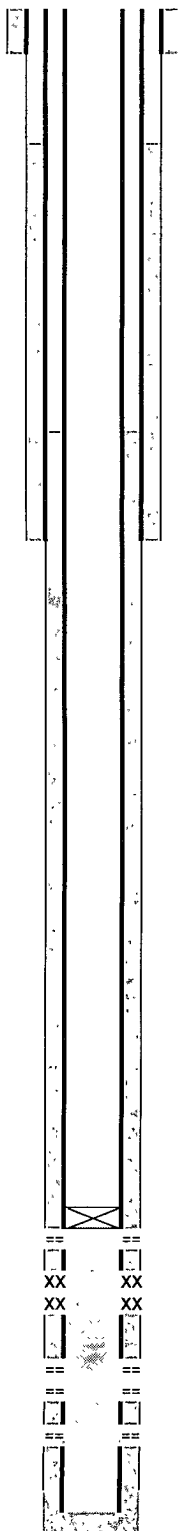
OC DISTRICT SUPERVISOR/GENERAL MANAGER
TITLE DATE **APR 15 2008**

CURRENT WELLBORE SKETCH

ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations

Date Feb 26, 2008

RKB @ 3937'
DF @ 3935'
GL @ 3923'



17-1/2" Hole
13-3/8" 48# H-40 @ 322'
Cmt'd w/300 sx Lonestar Regular
Did not circulate
TOC @ 23' outside casing
Filled to surface with pea gravel
TOC 8-5/8" Csg @ 1314' (Calc.)

Base Salt @

TOC 5-1/2" Csg @ 2600' (Calc.)

11 Hole
8-5/8" Csg @ 3154'
-- 502 59' (16 jts) 32# H-40
-- 2645 91' (84 jts) 24# J-55
Cmt'd w/200 sx Class A
TOC @ 1314' (Calc.)

DV Tool @ 4657'

5-1/2" CIBP @ 8320'
8344-8366 8402-8422 8438-8450

8526-8532 8534-8540 -- Sqz'd w/ 28 sx cmt; TOC @ 8500'

8546-8553 -- Sqz'd w/ 3 sx cmt

PLUG Pea Gravel & Sand 8557'-8608'

PLUG @ 8608'-8675' w/Hydromite

8632-8642 8646-8652

8656-8660 8664-8672

PLUG @ 8700'-8765' w/pea gravel

8765-8819 8831-8840

PLUG 9047'-8700' w/200 Class H

6-3/4" Hole

5-1/2" 17# J-55 & 15.5# J-55 @ 9095'

Cement - 1st Stage 150 sx Class C + tail w/200 sx Class C

- 2nd Stage 350 sx Class C

(Lost circ zone from 4680-4700' and possible thief zone @ 5700')

TOC @ 2600' (Calc.)

Subarea Buckeye
Lease & Well No Vacuum Abo Unit, Battery 4, Tract 7, Well 03
Legal Description 330' FSL & 560' FEL, Sec 27, T-17-S, R-35-E
County Lea State New Mexico
Field Vacuum (Abo Reef)
Date Spudded 3/24/62 Rig Released 4/25/62
API Number 30-025-02907
Status Temporarily Abandoned
Drilled as Shell Oil State "V" No. 3 State Lease

Stimulation History:

| Interval | Date | Type | Gals | Lbs. Sand | Max Press | ISIP | Max Rate | Max Down |
|-----------|----------|--|-------|-----------|-----------|------|----------|----------|
| 8765-8840 | 4/27/62 | Perforate 8765-8819 & 8831-8840; 1 spf, 65 holes | | | | | | |
| | 4/27/62 | 15% NEA | 6,000 | 80 BS | 3750 | 1750 | | |
| | 6/13/72 | Pump 200 sx Class H 9047'-8700' | | | | | | |
| | 6/14/72 | Tag TOC @ 8700' | | | | | | |
| 8632-8672 | 6/15/72 | Perforate 8632-8672, 56 holes | | | | | | |
| | 6/16/72 | 15% Acid | 2,500 | 59 BS | 3600 | 700 | 3.0 | |
| | 7/19/72 | Plug back 8700'-8765' w/pea gravel | | | | | | |
| | | Plug back 8675'-8608' w/1200 gals Hydromite | | | | | | |
| | 7/20/72 | Perforate 2 jsp 8526-8553 | | | | | | |
| | 8/2/72 | Dump pea gravel 8608-8557 | | | | | | |
| | | Sqz perfs 8546-8553 w/3 sx cement | | | | | | |
| 8526-8540 | 8/5/72 | 15% Acid | 1,000 | | | | | |
| | 4/14/73 | Sqz perfs 8526-8540 w/28 sx; TOC @ 8500' | | | | | | |
| | 4/17/73 | Perforate 8344-8450 | | | | | | |
| 8344-8450 | 4/19/73 | 15% HCl | 1,500 | | 1900 | 1000 | 2.7 | |
| 8344-8450 | 12/17/75 | 28% HCl | 5,000 | 119 BS | 1800 | 0 | 5.5 | |
| 8344-8450 | 6/12/84 | 15% HCl | 2,000 | | | | | |
| | 8/26/02 | Set 5-1/2" CIBP @ 8320'; circulate packer fluid | | | | | | |

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Formation Tops:

| | |
|--------------|-------|
| Yates | 2909' |
| Seven Rivers | 3196' |
| Queen | 3753' |
| Grayburg | |
| San Andres | 4400' |
| Glorieta | 6072' |
| Paddock | 6195' |
| Abo Reef | 8341' |

ConocoPhillips Company

Proposed Plugging Procedure

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Vacuum Abo Unit Battery 4, Tract 07 #003

API #30-025-02907

Vacuum (Abo Reef)

Lea County, New Mexico

MAR 28 2008

HOBBS OCD

See attached wellbore diagrams for wellbore configuration

Casings 13^{3/8}" 48# H-40 casing @ 322' cmt'd w/ 300 sx, TOC 23', topped w/ pea gravel
8^{5/8}" 32/24# casing @ 3,154' cmt'd w/ 200 sx, TOC @ 1,314' calculated
5^{1/2}" 17 & 15.5# casing @ 9,095' w/ DV tool @ 4,657'. Cmt'd 1st stage w/ 350 sx,
2nd stage w/ 350 sx, TOC @ 2,600' (calc.)

Perforations TA'd w/ CIBP set @ 8,320' (08/26/02)

Tubulars none

- Verify anchors tested within last two years
 - Notify NMOCD & BLM 48 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) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. Deliver 8,400' of 2^{3/8}" J-55 workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 3. RIH w/ gauge ring for 5^{1/2}" 17# casing (drift I.D. = 4.767") on wireline to 8,320', tag CIBP. POOH w/ gauge ring.
 4. RIH w/ 2^{3/8}" tubing to 8,320'. RU cementer and displace hole w/ ~120 bbls plugging mud and pump 25 sx C cmt balanced plug 8,320 – 8,067' (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 253' in 5^{1/2}" 17# casing). PUH w/ tubing to 6,072'. **Abo plug**
 5. Load hole w/ plugging mud and pump 25 sx C cmt balanced plug 6,072 – 5,819' (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 253' in 5^{1/2}" 17# casing). PUH w/ tubing to 4,707'. **Glorieta plug**
 6. Load hole w/ plugging mud and pump 25 sx C cmt balanced plug 4,707 – 4,454' (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 253' in 5^{1/2}" 17# casing). PUH w/ tubing to 3,194'. **DV tool plug**
 7. Load hole w/ plugging mud and pump 40 sx C cmt w/ 2% CaCl₂ balanced plug 3,196 – 2,792' (1.32 ft³/sk yield, 53 ft³ slurry volume, calculated fill 404' in 5^{1/2}" 17# casing). PUH w/ tubing and WOC minimum 2 hrs. RIH w/ tubing and tag cement no deeper than 2,900'. POOH w/ tubing. **Intermediate casing shoe & base of salt plug**
 8. RU & test lubricator to 1,500 psi. RIH w/ wireline & perforate 5^{1/2}" casing w/ four 1-11/16" link-jet charges @ 1,630'. POOH w/ wireline.

9. RIH w/ 5½" AD-1 packer to ~1,390'. Load hole w/ plugging mud, set packer, and establish rate into squeeze perforations @ 1,630'. If rate is established at 1,200 psi or less, squeeze 60 sx C cmt w/ 2% CaCl₂ 1,630 – 1,510' (1.32 ft³/sk yield, 79 ft³ slurry volume, calculated fill 120' in 11" openhole). WOC & tag this plug no lower than 1,530'. POOH w/ packer. **base of salt plug**
10. SI BOP and pressure test 5½" casing 1,530' to surface to 1,000 psi. Release pressure.
11. RU & test lubricator as needed. RIH w/ wireline & perforate 5½ & 8⅝" casings w/ four 2½" strip-jet charges @ 372'. POOH w/ wireline.
12. RIH w/ AD-1 packer to 180'. Load hole w/ plugging mud, set packer, and establish rate at 1,000 psi or less. Squeeze 100 sx C cmt w/ 2% CaCl₂ 372 – 222' (1.32 ft³/sk yield, 132 ft³ slurry volume, calculated fill 150' in 13⅜" 48# casing). WOC & tag this plug no deeper than 272'. POOH w/ packer. **Surface casing shoe plug**
13. RU & test lubricator as needed. RIH w/ wireline & perforate 5½ & 8⅝" casings w/ four 2½" strip-jet charges @ 60'. POOH w/ wireline.
14. ND BOP & NU wellhead. Establish circulation in 5½ x 8⅝" & 8⅝ x 13⅜" annuli, and circulate 40 sx C cmt 60' to surface (1.32 ft³/sk yield, 53 ft³ slurry volume, calculated fill 60' in 13⅜" 48# casing). **surface plug**
15. RDMO location.
16. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

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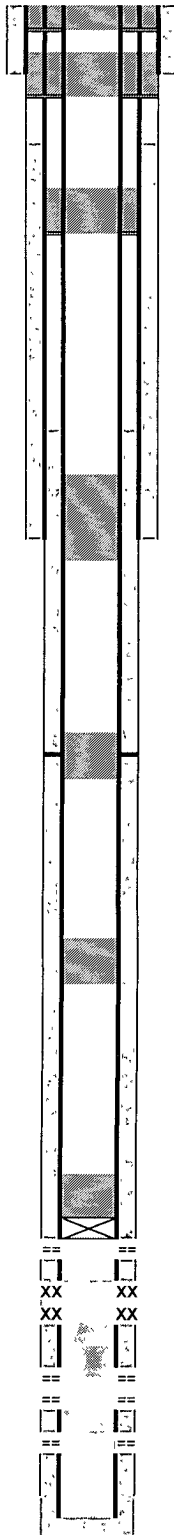
MAR 28 2008

HOBBS OCD

PROPOSED PLUGGED WELLBORE SKETCH **ConocoPhillips Company -- Lower 48 - Mid-Continent BU / Permian Operations**

Date March 3, 2008

RKB @ 3937'
 DF @ 3935'
 GL @ 3923'



PBTD 8320'
 TD 9100'

Subarea
 Lease & Well No
 Legal Description
 County
 Field
 Date Spudded
 API Number

Buckeye
 Vacuum Abo Unit, Battery 4, Tract 7, Well 03
 330' FSL & 560' FEL, Sec 27, T-17-S, R-35-E
 Lea State New Mexico
 Vacuum (Abo Reef)
 3/24/62 Rig Released 4/25/62
 30-025-02907
 Proposed Plugged
 Drilled as Shell Oil State "V" No. 3 State Lease

Perf & sqz 40 sx C cmt 60' to surface
 13-3/8" 48# H-40 @ 322'
 Cmt'd w/300 sx, TOC @ 23', topped w/ pea gravel
Perf & sqz 100 sx C cmt 372 - 272' TAG
 TOC 8-5/8" Csg @ 1314' (Calc.)

Top of Salt @ ~1,630'
Perf & sqz 60 sx C cmt 1,630 - 1,530' TAG

11" hole
 TOC 5-1/2" Csg @ 2600' (Calc.)
 Base Salt @ ~2,900'
 8-5/8" 32/24# csg @ 3,154' cmt'd w/ 200 sx
 -- 502 59' (16 jts) 32# H-40
 -- 2645 91' (84 jts) 24# J-55

40 sx C cmt 3,196 - 2,900' TAG

DV Tool @ 4657'
25 sx C cmt 4,707 - 4,454'

25 sx C cmt 6,072 - 5,819'

circulate mud, 25 sx C cmt 8,320 - 8,067'

5-1/2" CIBP @ 8320'
 8344-8366 8402-8422 8438-8450
 8526-8532 8534-8540 -- Sqz'd w/ 28 sx cmt; TOC @ 8500'
 8546-8553 -- Sqz'd w/ 3 sx cmt
 PLUG Pea Gravel & Sand 8557'-8608'
 PLUG @ 8608'-8675' w/Hydromite
 8632-8642 8646-8652
 8656-8660 8664-8672
 PLUG @ 8700'-8765' w/pea gravel
 8765-8819 8831-8840
 PLUG 9047'-8700' w/200 Class H
 6-3/4" Hole
 5-1/2" 17# J-55 & 15.5# J-55 @ 9095'
 Cement - 1st Stage 150 sx Class C + tail w/200 sx Class C
 - 2nd Stage 350 sx Class C
 (Lost circ zone from 4680-4700' and possible thief zone @ 5700'
 TOC @ 2600' (Calc)

Stimulation History:

| Interval | Date | Type | Gals | Lbs. Sand | Max Press | ISIP | Max Rate | Max Down |
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| | 6/13/72 | Pump 200 sx Class H 9047'-8700' | | | | | | |
| | 6/14/72 | Tag TOC @ 8700' | | | | | | |
| | 6/15/72 | Perforate 8632-8672, 56 holes | | | | | | |
| 8632-8672 | 6/16/72 | 15% Acid | 2,500 | 59 BS | 3600 | 700 | 3 0 | |
| | 7/19/72 | Plug back 8700-8765' w/pea gravel | | | | | | |
| | | Plug back 8675-8608 w/1200 gals Hydromite | | | | | | |
| | 7/20/72 | Perforate 2 jspf 8526-8553 | | | | | | |
| | 8/2/72 | Dump pea gravel 8608-8557 | | | | | | |
| | | Sqz perfs 8546-8553 w/3 sx cement | | | | | | |
| 8526-8540 | 8/5/72 | 15% Acid | 1,000 | | | | | |
| | 4/14/73 | Sqz perfs 8526-8540 w/28 sx; TOC @ 8500' | | | | | | |
| | 4/17/73 | Perforate 8344-8450 | | | | | | |
| 8344-8450 | 4/19/73 | 15% HCl | 1,500 | | 1900 | 1000 | 2 7 | |
| 8344-8450 | 12/17/75 | 28% HCl | 5,000 | 119 BS | 1800 | 0 | 5 5 | |
| 8344-8450 | 6/12/84 | 15% HCl | 2,000 | | | | | |
| | 8/26/02 | Set 5-1/2" CIBP @ 8320'; circulate packer fluid | | | | | | |

PROPOSED PLUGS

- 1) circulate mud, 25 sx C cmt 8,320 - 8,067'
- 2) 25 sx C cmt 6,072 - 5,819'
- 3) 25 sx C cmt 4,707 - 4,454'
- 4) 40 sx C cmt 3,196 - 2,900' TAG
- 5) Perf & sqz 60 sx C cmt 1,630 - 1,530' TAG
- 6) Perf & sqz 100 sx C cmt 372 - 272' TAG
- 7) Perf & sqz 40 sx C cmt 60' to surface

Capacities

| | | |
|-----------------|---------------|---------------|
| 5-1/2" 17# csg | 7 661 ft/ft3 | 0 1305 ft3/ft |
| | 43 010 ft/bbl | 0 0232 bbl/ft |
| 8-5/8" 32# csg | 2 922 ft/ft3 | 0 3422 ft3/ft |
| | 16 410 ft/bbl | 0 0609 bbl/ft |
| 13-3/8" 48# csg | 1 134 ft/ft3 | 0 8817 ft3/ft |
| | 6 370 ft/bbl | 0 1570 bbl/ft |
| 11" openhole | 1 515 ft/ft3 | 0 6600 ft3/ft |
| | 8 508 ft/bbl | 0 1175 bbl/ft |

Formation Tops:

| | |
|--------------|-------|
| Yates | 2909' |
| Seven Rivers | 3196' |
| Queen | 3753' |
| Grayburg | |
| San Andres | 4400' |
| Glonya | 6072' |
| Paddock | 6195' |
| Abo Reef | 8341' |

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