

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. 30-025-02870
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-960
7. Lease Name or Unit Agreement Name Vacuum Abo Unit Battery 4 Tract #6
8. Well Number 75
9. OGRID Number 217817
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 ATTN: Celeste Dale

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

4. Well Location
Unit Letter D : 990 feet from the North line and 338 feet from the West line
Section 25 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,928' GL

Pit or Below-grade Tank Application ☒ or Closure ☐

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: ☐

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 & PROPOSED PLUGGING PROCEDURE

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 James F. Newman TITLE James F. Newman, P.E. (Triple N Services) DATE 07/10/06

Type or print name James F. Newman

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

For State Use Only

APPROVED BY: George W. Wink
Conditions of Approval (if any):

OUTFIELD REPRESENTATIVE II/STAFF MANAGER

DATE

JUL 12 2006

WELLBORE SKETCH

ConocoPhillips Company – Permian Basin Business Unit

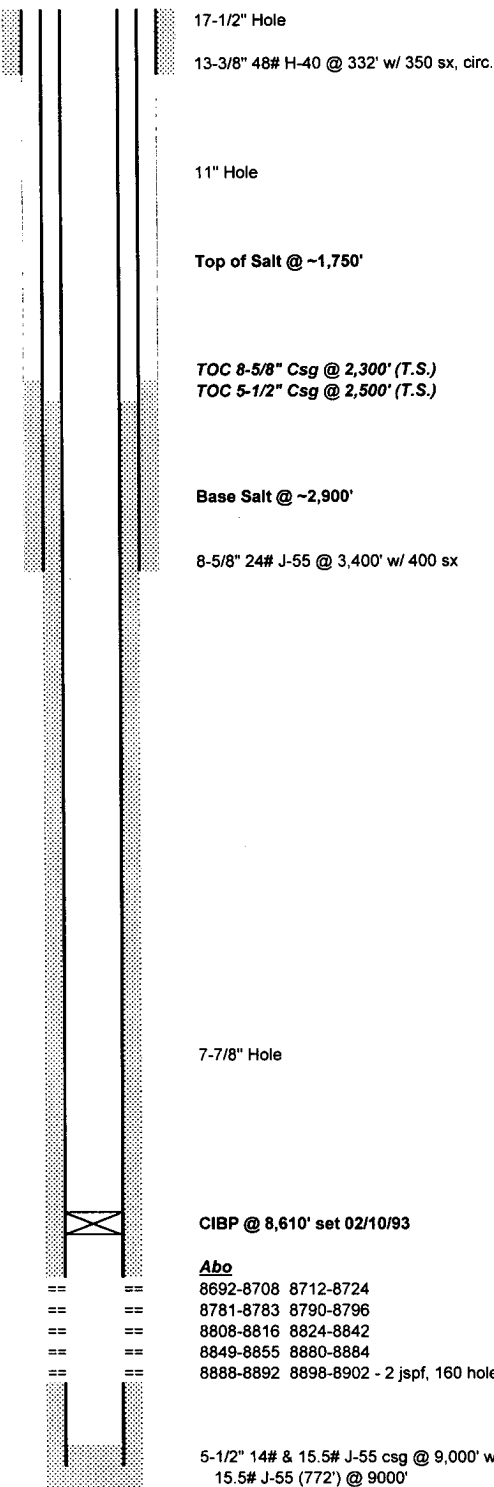
Date: June 29, 2006

RKB @ 3928'
DF @ 3925'
GL @ 3915'

Subarea : Buckeye
Lease & Well No. : Vacuum Abo Unit Battery 4, Tract 6, Well 75
Legal Description : 990' FNL & 333' FWL, Sec. 25, T-17-S, R-35-E
County : Lea State : New Mexico
Field : Vacuum (Abo Reef)
Date Spudded : Oct. 18, 1962 Rig Rel: Nov. 14, 1962
API Number : 30-025-02870
Status : Temporarily Abandoned
Drilled as Santa Fe No. 75 State Lease B-960

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	11/17/62	Perf Abo 8692-8902 (select fire) 2 jsp, 160 holes					
8692-8902	11/19/62	15% Acid	1,000		4300	3150	1.5
8692-8902	11/23/62	15% Acid	20,000				
		CO2	427,500 SCF		6200	3150	4.1
	11/25/62	IPF 296 BO, GOR 1270					
8692-8902	10/9/69	3% Acid	5,000				
		28% Acid	5,000		5000	0	6.1
	11/24/69	Test 220 BO, 17 BAW, GOR 1818					
	10/22/75	Test 19 BO, 1 BSW, GOR 1818					
8692-8902	11/17/76	28% Acid	3,000				
		3% NE HCl	3,000				
	1/24/76	Test 39 BO, 0 BW, GOR 965					
	8/9/77	Test 39 BO, 9 BSW, GOR 675					
8692-8727	9/2/77	28% NE HCl	3,000		1200	0	4.8
8781-8855	9/2/77	28% NE HCl	3,000		2400	0	5.3
	9/12/77	Test 80 BO, 25 BLW, GOR 1150					
	2/4/88	Uneconomic to operate					
	2/10/93	Set CIBP @ 8610', circulate packer fluid					
		Temporarily Abandoned					



CIBP @ 8,610' set 02/10/93

Abo

8692-8708 8712-8724
8781-8783 8790-8796
8808-8816 8824-8842
8849-8855 8880-8884
8888-8892 8898-8902 - 2 jsp, 160 holes

5-1/2" 14# & 15.5# J-55 csg @ 9,000' w/ 560 sx
15.5# J-55 (772') @ 9000'
14# J-55 (8215') @ 8228'

PBTD: 8610'
TD: 9000'

Formation Tops:

Rustler 1723'
Top Salt
Yates 2960'
Base Salt
Queen 3839'
Grayburg 4136'
San Andres 4423'
Glorieta 6145'
Clearfork 6260'
Abo 8548'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Abo Unit Battery 4, Tract 6 #75

Vacuum Abo Reef Field

API #30-025-02870

Section 25, T-17-S, R-35-E

Lea County, New Mexico

Casings: 13^{3/8}" 48# H-40 @ 332' cmt'd w/ 350 sx, circulated
8^{5/8}" 24# casing @ 3,400' cmt'd w/ 400 sx, TOC 2,300' by T.S.
5^{1/2}" 14 & 15.5# J-55 casing @ 9,000', cmt'd w/ 560 sx, TOC 2,500' by T.S.

- SI producer TA'd w/ CIBP @ 8,610' (set 02/10/93)
 - Notify NMOCD 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, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
 2. RIH w/ 2^{3/8}" workstring to 8,610', tag PBTD. RU cement and circulate hole w/ 150 bbls plugging mud. Pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5^{1/2}" 15.5# casing) 8,610 – 8,363'. POOH w/ tubing to 6,145'. **Abo plug**
 3. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5^{1/2}" 14# casing) 6,145 – 5,904'. POOH w/ tubing to 4,136'. **Glorieta plug**
 4. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5^{1/2}" 14# casing) 4,136 – 3,895'. POOH w/ tubing to 3,450'. **Grayburg - San Andres plug**
 5. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5^{1/2}" 14# casing) 3,450 – 3,209'. POOH w/ tubing to 3,000'. **8^{5/8}" shoe plug**
 6. Load hole w/ plugging mud and pump 25 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5^{1/2}" 14# casing) 3,000 – 2,759'. POOH w/ tubing. WOC & TAG this plug no deeper than 2,900'. **Base of salt plug**
 7. RIH w/ gauge ring for 5^{1/2}" 17# casing on sandline to 1,800', POOH w/ gauge ring
 8. RU lubricator and RIH w/ four 2^{1/2}" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 1,800'. POOH w/ wireline, RD lubricator.

9. RIH w/ AD-1 packer to 1,500'. Load hole, set packer, and establish circulation in 5½ x 8⅝" & 8⅝ x 13⅜" annuli and squeeze 65 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 85.8 ft³ slurry volume, calculated fill 130' in 11" openhole) 1,800 – 1,670'. If unable to squeeze cmt, contact NMOCD for balanced plug approval. WOC & TAG this plug no deeper than 1,700'.
Top of salt plug
10. SI BOP and pressure-test 5½" casing to 500 psi. If casing does not test, squeeze plug in #12 under packer.
11. RU lubricator and RIH w/ four 2½" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 382'. POOH w/ wireline, RD lubricator
12. If casing tested in #10, ND BOP and NU wellhead. Establish circulation in 5½ x 8⅝" & 8⅝ x 13⅜" annuli and squeeze 110 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 145 ft³ slurry volume, calculated fill 165' in 13⅜" 48# casing) 382 – 217'. If unable to squeeze cmt, contact NMOCD for balanced plug approval. **Surface casing shoe plug**
13. RIH w/ four 2½" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline. ND BOP, NU wellhead. Circulate 40 sx C cement (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 60' in 13⅜" 48# casing) 50' to surface. **surface plug**
14. RDMO location. Clean steel pit & haul fluids to disposal. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

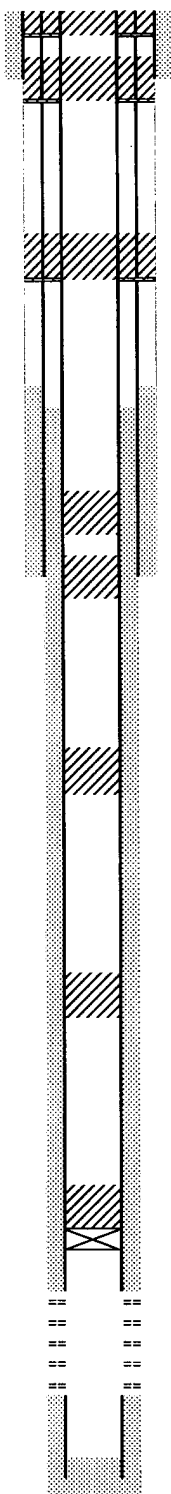
PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: July 10, 2006

RKB @ 3928'
DF @ 3925'
GL @ 3915'

Subarea : Buckeye
Lease & Well No. : Vacuum Abo Unit Battery 4, Tract 6, Well 75
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Date Spudded : Oct. 18, 1962 Rig Rel: Nov. 14, 1962
API Number : 30-025-02870
Status : Proposed Plugged
Drilled as Santa Fe No. 75 State Lease B-960



40 sx C cmt perf and sqz 50' to surface

13-3/8" 48# H-40 @ 332' w/ 350 sx, circ.

110 sx C cmt perf/sqz 382 - 282'

11" Hole

65 sx C cmt perf/sqz 1,750 - 1,650' WOC & TAG

Top of Salt @ ~1,750'

TOC 8-5/8" Csg @ 2,300' (T.S.)
TOC 5-1/2" Csg @ 2,500' (T.S.)

Base Salt @ ~2,900'

25 sx C cmt 3,000 - 2,900' WOC & TAG

8-5/8" 24# J-55 @ 3,400' w/ 400 sx

25 sx C cmt 3,450 - 3,209'

25 sx C cmt 4,136 - 3,895'

7-7/8" Hole

25 sx C cmt 6,145 - 5,904'

25 sx C cmt 8,610 - 8,363'

CIBP @ 8,610' set 02/10/93

Abo

8692-8708 8712-8724
8781-8783 8790-8796
8808-8816 8824-8842
8849-8855 8880-8884
8888-8892 8898-8902 - 2 jsfp, 160 holes

5-1/2" 14# & 15.5# J-55 csg @ 9,000' w/ 560 sx
15.5# J-55 (772') @ 9000'
14# J-55 (8215') @ 8228'

PBTD: 8610'
TD: 9000'

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PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 8,610 - 8,363'
- 2) 25 sx C cmt 6,145 - 5,904'
- 3) 25 sx C cmt 4,136 - 3,895'
- 4) 25 sx C cmt 3,450 - 3,209'
- 5) 25 sx C cmt 3,000 - 2,900' WOC & TAG
- 6) 65 sx C cmt perf/sqz 1,750 - 1,650' WOC & TAG
- 7) 110 sx C cmt perf/sqz 382 - 282'
- 8) 40 sx C cmt perf and sqz 50' to surface

Capacities

5-1/2" 14# csg:	7.299 ft/ft3	0.1370 ft3/ft
5-1/2" 15.5# csg:	7.483 ft/ft3	0.1336 ft3/ft
7" 23# csg:	4.524 ft/ft3	0.2210 ft3/ft
8-5/8" 24# csg:	2.797 ft/ft3	0.3575 ft3/ft
8-5/8" 28# csg:	2.853 ft/ft3	0.3505 ft3/ft
9-5/8" 36# csg:	2.304 ft/ft3	0.4340 ft3/ft
13-3/8" 48# csg:	1.134 ft/ft3	0.8817 ft3/ft
7-7/8" openhole:	2.957 ft/ft3	0.3382 ft3/ft
8-3/4" openhole:	2.395 ft/ft3	0.4176 ft3/ft
11" openhole:	1.515 ft/ft3	0.66 ft3/ft

Formation Tops:

Rustler	1723'
Yates	2960'
Base Salt	
Queen	3839'
Grayburg	4136'
San Andres	4423'
Glorieta	6145'
Clearfork	6260'
Abo	8548'