

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. 30-025-20528
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2519
7. Lease Name or Unit Agreement Name Vacuum Abo Unit Tract 6F Battery 4
8. Well Number 68
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 Injection

2. Name of Operator
ConocoPhillips Company ATTN: Celeste Dale

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

4. Well Location
Unit Letter H : 1,735 feet from the North line and 990 feet from the East line
Section 34 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,933' GL

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type STEEL Depth to Groundwater 67' Distance from nearest fresh water well 1/8 mile 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: ☐

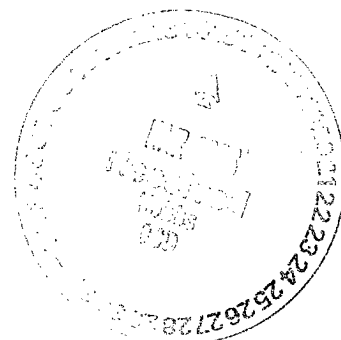
SUBSEQUENT REPORT OF:

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 03/09/06

Type or print name James F. Newman

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

For State Use Only

OC FIELD REPRESENTATIVE II/STAFF MANAGER

APPROVED BY: Larry W. Wink

TITLE _____ DATE MAR 21 2006

Conditions of Approval (if any):

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: February 7, 2006

RKB @ 3944'
DF @ 3943'
GL @ 3933'

Subarea : Buckeye
Lease & Well No. : Vacuum Abo Unit No. 06W68
Legal Description : 1735' FNL & 990' FEL, Sec. 34, T-17-S, R-35-E
County : Lea State : New Mexico
Field : Vacuum (Abo Reef)
Date Spudded : June 8, 1963 Rig Rel: July 11, 1963
API Number : 30-025-20528
Status : Temporarily Abandoned

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
7/15/63	Perf Abo 8700'-8889' (select fire)							
8700-8885	7/16/63	15% Reg Acid	1,000		1100	Vac	3.5	
	2/24/73	Plug back w/Hydromite plug 8819' to 8759'						
	3/3/73	Plug back with Hydromite plug 8759' to 8717'						
	12/1/78	Shut-In						
	6/20/79	Run CBL - TOC 5-1/2" csg at 4008'						
	6/26/79	Shut-in						
	9/19/79	Perf csg at 3900' - cmt with 160 sx; TOC @ 1650'						
	2/22/85	Cleanout 8717' to 8957'						
	2/28/85	Perf 1 JSPF spiral phasing 8698' to 8909', 139 shots (select fire)						
8698-8909	3/4/85	28% NEFE HCl	14,300	125 BS	3950	Vac	8.5	
	4/24/85	Convert to water injection @ 1800 BWPD, vac pressure						
	10/12/90	Fish tubing and packer						
	11/27/90	Tag fill @ 8862' - place back on injection						
	7/15/05	Failed MIT test - last injection 1025 BWPD						
	11/17/05	Tag fill @ 8720', COOH laying down tubing. Left 20 jts for kill string						

17-1/2" Hole

13-3/8" 48# H-40 @ 344' w/ 350 sx, circ.

11" Hole

TOC 5-1/2" csg @ 1,650'

Top of Salt @ +/- 2,112'

TOC 8-5/8" csg @ 2,600' by T.S.

Base Salt @ 2,950' est.

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

Perf @ 3,900' - Sqz w/160 sx cmt
TOC @ 3,950' (T.S.) - TOC @ 1,650' after squeeze

7-7/8" Hole

== == 8698-8706 (3/85 8 shots)
XX XX 8700-8706
== == 8709-8727 (3/85 18 shots)
== == 8738-8740 (3/85 2 shots)
XX XX 8734-8745 Hydromite Plug @ 8759'-8717' - cleaned out
== == 8744-8752 (3/85 8 shots)
== == 8757-8763 (3/85 6 shots)
== == 8766-8767 (3/85 1 shot)
== == 8771-8809 (3/85 38 shots)
XX XX 8780-8806 Hydromite plug @ 8819'-8759' - cleaned out
== == 8829-8831 (3/85 2 shots)
== == 8837-8876 (3/85 39 shots)
XX XX 8838-8850
XX XX 8860-8876
XX XX 8880-8885
== == 8881-8895 (3/85 14 shots)
== == 8904-8906 (3/85 2 shots)

5-1/2" 14 & 15.5# J-55 ST&C @ 9,000' w/ 495 sx

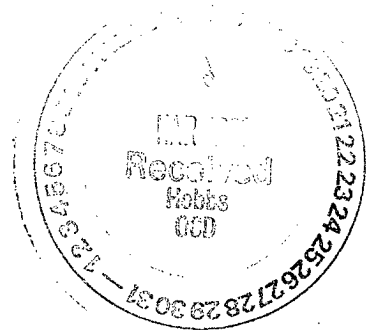
PBTD: 8957'
TD: 9000'

Formation Tops:

Rustler 1631'
Top Salt 2120' +/-
Yates 2947'
Base Salt 3000' +/-
Queen 3862'
Grayburg 4155'
San Andres 4543'
Glorieta 6205'
Clearfork 6342'
Abo 8690'

ft³ slurry volume, calculated fill 140' in 11" open hole) 2,112 – 1,972'. WOC & tag this plug no deeper than 2,012'. **Top of Salt plug**

10. RU lubricator and RIH w/ wireline, perforate 5½" & 8⅝" casings @ 394' w/ four 2½" strip-jet charges. POOH w/ wireline.
11. RIH w/ AD-1 packer to 90'. Load hole w/ mud, set packer, and establish rate into perforations at 1,000 psi or less. Squeeze 115 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 152 ft³ slurry volume, calculated fill 230' in 11" open hole) 394 – 164'. WOC & tag this plug no deeper than 294'. **Surface casing plug**
12. RU lubricator and RIH w/ wireline, perforate 5½" & 8⅝" casings @ 50' w/ four 2½" strip-jet charges. POOH w/ wireline.
13. ND BOP & NU wellhead. Establish circulation in 5½ x 8⅝" and 8⅝ x 13⅜" annuli via perforations @ 50', circulate 40 sx C cmt (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 59' in 13⅜" 48# casing) 50' to surface. **surface plug**
14. RDMO location.
15. 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.

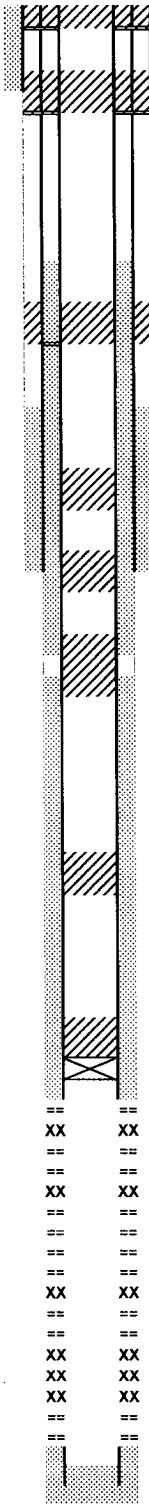


PROPOSED PLUGGED WELLBORE SKETCH **ConocoPhillips Company -- Permian Basin Business Unit**

Date: March 8, 2006

RKB @ 3944'
 DF @ 3943'
 GL @ 3933'

Subarea : Buckeye
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 Legal Description : 1735' FNL & 990' FEL, Sec. 34, T-17-S, R-35-E
 County : Lea State : New Mexico
 Field : Vacuum (Abo Reef)
 Date Spudded : June 8, 1963 Rig Rel: July 11, 1963
 API Number : 30-025-20528
 Status : Proposed Plugged



40 sx C cmt 50' to surface perf & sqz

17-1/2" Hole
 13-3/8" 48# H-40 @ 344' w/ 350 sx, circ.

115 sx C cmt 394 - 294' perf & sqz TAG

11" Hole

TOC 5-1/2" csg @ 1,650'

Top of Salt @ +/- 2,112'

70 sx C cmt 2,112 - 2,012' perf & sqz TAG

TOC 8-5/8" csg @ 2,600' by T.S.

Base Salt @ 2,950' est.

25 sx C cmt 3,050 - 2,809'

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

25 sx C cmt 3,450 - 3,350' WOC & TAG

Perf @ 3,900' - Sqz w/160 sx cmt

TOC @ 3,950' (T.S.) - TOC @ 1,650' after squeeze

25 sx C cmt 4,100 - 3,859'

25 sx C cmt 6,200 - 5,959'

7-7/8" Hole

CIBP @ 8,648' w/ 25 sx C cmt 8,648 - 8,407'

==	==	8698-8706	(3/85 8 shots)
XX	XX	8700-8706	
==	==	8709-8727	(3/85 18 shots)
==	==	8738-8740	(3/85 2 shots)
XX	XX	8734-8745	Hydromite Plug @ 8759'-8717' - cleaned out
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XX	XX	8880-8885	
==	==	8881-8895	(3/85 14 shots)
==	==	8904-8906	(3/85 2 shots)

5-1/2" 14 & 15.5# J-55 ST&C @ 9,000' w/ 495 sx

PBTD: 8957'
 TD: 9000'

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	Max ISIP	Max Rate	Max Down
8700-8885	7/15/63	Perf Abo 8700'-8889' (select fire)						
	7/16/63	15% Reg Acid	1,000		1100	Vac	3.5	
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	12/1/78	Shut-In						
	6/20/79	Run CBL - TOC 5-1/2" csg at 4008'						
	6/26/79	Shut-in						
	9/19/79	Perf csg at 3900' - cmt with 160 sx; TOC @ 1650'						
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8698-8909	3/4/85	28% NEFE HCl	14,300	125 BS	3950	Vac	8.5	
	4/24/85	Convert to water injection @ 1800 BWPD, vac pressure						
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	7/15/05	Failed MIT test - last injection 1025 BWPD						
	11/17/05	Tag fill @ 8720', COOH laying down tubing. Left 20 jts for kill string						



PROPOSED PLUGGING PROCEDURE

- 1) CIBP @ 8,648' w/ 25 sx C cmt 8,648 - 8,407'
- 2) 25 sx C cmt 6,200 - 5,959'
- 3) 25 sx C cmt 4,100 - 3,859'
- 4) 25 sx C cmt 3,450 - 3,350' WOC & TAG
- 5) 25 sx C cmt 3,050 - 2,809'
- 6) 70 sx C cmt 2,112 - 2,012' perf & sqz TAG
- 7) 115 sx C cmt 394 - 294' perf & sqz TAG
- 8) 40 sx C cmt 50' to surface perf & sqz

Capacities

4-1/2" 11.6# csg:	11.468	ft/ft3	0.0872	ft3/ft
5-1/2" 14# csg:	7.299	ft/ft3	0.1370	ft3/ft
5-1/2" 17# csg:	7.661	ft/ft3	0.1305	ft3/ft
7" 20# csg:	4.399	ft/ft3	0.2273	ft3/ft
7" 24# csg:	4.567	ft/ft3	0.2189	ft3/ft
7-5/8" 26.4# csg:	3.775	ft/ft3	0.2648	ft3/ft
8-5/8" 32# csg:	2.922	ft/ft3	0.3422	ft3/ft
9-5/8" 36# csg:	2.304	ft/ft3	0.4340	ft3/ft
10-3/4" 40.5# csg:	1.815	ft/ft3	0.5508	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	0.6600	ft3/ft
12-1/4" openhole:	1.222	ft/ft3	0.8185	ft3/ft

Formation Tops:

Rustler	1631'
Top Salt	2120' +/-
Yates	2947'
Base Salt	3000' +/-
Queen	3862'
Grayburg	4155'
San Andres	4543'
Glorieta	6205'
Clearfork	6342'
Abo	8690'