

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. 30-025-02994
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1400
7. Lease Name or Unit Agreement Name Vacuum Abo Unit Tract 11 Battery 3
8. Well Number 08
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 J : 1,650 feet from the South line and 1,650 feet from the East line
Section 33 Township 17-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,940' 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 03/06/06

Type or print name James F. Newman

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

For State Use Only

APPROVED BY: Larry W. Wink TITLE _____ DATE MAR 09 2006

Conditions of Approval (if any):

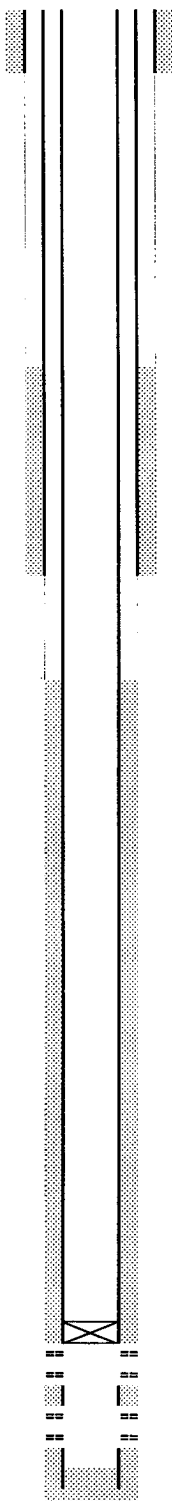
OC FIELD REPRESENTATIVE II/STAFF MANAGER

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: February 14, 2006

RKB @ 3950'
DF @ 3949'
GL @ 3940'



17-1/4" Hole

13-3/8" 48# H-40 @ 300'
Cmt'd w/300 sx Reg; circ
TOC @ surface

Top of Salt @ 1,270'

11" Hole

TOC @ 1,900' calculated

Base Salt @ 2,995'

8-5/8" 32# H-40 & 24# J-55 @ 3,092' w/ 300 sx

TOC @ 3,524' calculated

7-7/8" Hole

CIBP @ 8,621'

8685' - 8730'

8751' - 8764'

8830' - 8905'

8920' - 8976'

4-1/2" csg @ 9056'

Cmt'd w/1,260 sx

PBTD: 8621'
TD: 9056'

Casing Detail

11.6# J-55	1587.61'
9.5# J-55	4245.85'
11.6# J-55	699.53'
11.6# J-55	2486.91' (second hand)
Baffle Plat	
11.6# J-55	32.37'
Float Shoe	1.50'

Subarea: Buckeye

Lease & Well No.: Vacuum Abo Unit, Battery 3 Tract 11 Well No. 8

Legal Description: 1650' FSL & 1650' FEL, Sec. 33, T-17-S, R-35-E

County: Lea State: New Mexico

Field: Vacuum (Abo Reef)

Date Spudded: Apr. 19, 1962 Rig Released May 30, 1962

API Number: 30-025-02994

Status: Temporarily Abandoned

Drilled as State "T" No 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	6/6/62	Perf 8751-8764 - 1 JSPF					
8751-8764	6/6/62	15% BDA	400			5900	0.6
		15% NEA	6,000		6800	5200	3.6
8751-8764	6/14/62	Acid - Petro	15,000		7500	3900	9.2
	7/26/62	Perf 8685'-8730, 8830-8905 & 8920-8976 - 1 JSPF					
8685-8976	7/28/62	15% NEA	10,000		7200	4000	
8685-8976	10/26/90	15% NEFE HCl	10,000				
		CO2	15,000	160 BS	5500	3400	5.9
	9/10/94	Set CIBP @ 8,621', lay down all tbg and rods					
		Temporarily Abandon					
	11/27/01	Check for casing leak and perform MIT					

Formation Tops:

Rustler	
Top Salt	
Yates	
Base Salt	
Seven Rivers	3200'
Queen	3771'
Grayburg	
San Andres	4453'
Glorieta	6030'
Paddock	6106'
Abo	8678'

ConocoPhillips

Proposed Plugging Procedure

Vacuum Abo Unit 11-3 #08

Vacuum Glorieta Field

Lea County, New Mexico

Casings: 13^{3/8}" 48# casing @ 300', cmt'd w/ 300 sx, circulated
8^{5/8}" 24# casing @ 3,092' cmt'd w/ 300 sx, TOC 1,900' calculated
4^{1/2}" 11.6# casing @ 9,056' cmt'd w/ 1,260 sx, TOC 3,524' calculated
perforations 8,685 – 8,976'

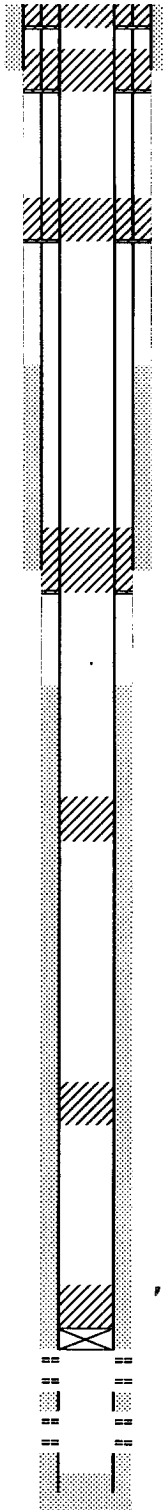
- TA'd w/ CIBP set @ 8,621'
 - Notify BLM & NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 2. RIH w/ 2^{3/8}" workstring to CIBP @ 8,621'. RU cementer and circulate hole w/ 10 ppg plugging mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4^{1/2}" 11.6# casing) 8,621 – 8,243'. **Abo plug**
 3. POOH w/ tubing to 6,030'. Load hole w/ plugging mud, pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4^{1/2}" 11.6# casing) 6,030 – 5,652'. **Glorieta plug**
 4. POOH w/ tubing to 4,100' and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 378' in 4^{1/2}" 11.6# casing) 4,100 – 3,722'. POOH w/ tubing. **San Andres plug**
 5. RU lubricator and RIH w/ wireline, perforate 4^{1/2}" casing @ 3,142' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 6. RIH w/ AD-1 packer to 2,600'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 60 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 79.2 ft³ slurry volume, calculated fill 234' in 7^{7/8}" open hole) 3,142 – 2,900'. WOC & tag this plug no deeper than 2,995'. **Intermediate shoe & base of salt plug**
 7. RU lubricator and RIH w/ wireline, perforate 4^{1/2}" & 8^{5/8}" casings @ 1,270' w/ four 2^{1/2}" strip-jet charges. POOH w/ wireline.
 8. RIH w/ AD-1 packer to 900'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 65 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 85.8 ft³ slurry volume, calculated fill 130' in 8^{5/8}" 32# casing) 1,270 – 1,170'. WOC & tag this plug no deeper than 1,170'. **Top of Salt plug**

9. RU lubricator and RIH w/ wireline, perforate 4½" & 8⅝" casings @ 350' w/ four 2½" strip-jet charges. POOH w/ wireline.
10. 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) 350 – 150'. WOC & tag this plug no deeper than 250'. **Surface casing plug**
11. RU lubricator and RIH w/ wireline, perforate 4½" & 8⅝" casings @ 50' w/ four 2½" strip-jet charges. POOH w/ wireline.
12. ND BOP & NU wellhead. Establish circulation in 4½ 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 60' in 13⅜" 48# casing) 50' to surface. **surface plug**
13. RDMO location.
14. 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 5, 2006

RKB @ 3950'
 DF @ 3949'
 GL @ 3940'



40 sx C cmt 50' to surface perf & sqz

17-1/4" Hole
 13-3/8" 48# H-40 @ 300' w/ 300 sx, circ.

115 sx C cmt 350 - 250' perf & sqz TAG

Top of Salt @ 1,270'

65 sx C cmt 1,270 - 1,170' perf & sqz TAG

11" Hole

TOC @ 1,900' calculated

Base Salt @ 2,995'

8-5/8" 32# H-40 & 24# J-55 @ 3,092' w/ 300 sx

60 sx C cmt 3,142 - 3,052' perf & sqz TAG

TOC @ 3,524' calculated

25 sx C cmt 4,100 - 3,722'

7-7/8" Hole

25 sx C cmt 6,030 - 5,652'

25 sx C cmt 8,621 - 8,243"

CIBP @ 8,621'

8685' - 8730'

8751' - 8764'

8830' - 8905'

8920' - 8976'

4-1/2" csg @ 9056'
 Cmt'd w/1,260 sx

PBTD: 8621'
 TD: 9056'

Casing Detail

11.6# J-55	1587.61'
9.5# J-55	4245.85'
11.6# J-55	699.53'
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Field: Vacuum (Abo Reef)

Date Spudded: Apr. 19, 1962 Rig Released May 30, 1962

API Number: 30-025-02994

Status: Proposed Plugged

Drilled as State "T" No 8

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
6/6/62	6/6/62	Perf 8751-8764 - 1 JSPF					
8751-8764	6/6/62	15% BDA	400		5900	0.6	
		15% NEA	6,000		6800	5200	3.6
8751-8764	6/14/62	Acid - Petro	15,000		7500	3900	9.2
7/26/62	7/26/62	Perf 8685'-8730, 8830-8905 & 8920-8976 - 1 JSPF					
8685-8976	7/28/62	15% NEA	10,000		7200	4000	
8685-8976	10/26/90	15% NEFE HCl	10,000				
		CO2	15,000	160 BS	5500	3400	5.9
9/10/94	9/10/94	Set CIBP @ 8,621', lay down all tbg and rods					
		Temporarily Abandon					
11/27/01	11/27/01	Check for casing leak and perform MIT					



PROPOSED PLUGGING PROCEDURE

- 1) 25 sx C cmt 8,621 - 8,243"
- 2) 25 sx C cmt 6,030 - 5,652'
- 3) 25 sx C cmt 4,100 - 3,722'
- 4) 60 sx C cmt 3,142 - 3,052' perf & sqz TAG
- 5) 65 sx C cmt 1,270 - 1,170' perf & sqz TAG
- 6) 115 sx C cmt 350 - 250' perf & sqz TAG
- 7) 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" 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	0.434	ft3/ft
10-3/4" 40.5# csg:	1.815	ft/ft3	0.5508	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/ft4	0.6600	ft3/ft
12-1/4" openhole:	1.222	ft/ft3	0.8185	ft3/ft

Formation Tops:

Rustler	
Top Salt	
Yates	
Base Salt	
Seven Rivers	3200'
Queen	3771'
Grayburg	
San Andres	4453'
Glorieta	6030'
Paddock	6106'
Abo	8678'