

RECEIVED

JAN 30 2009

HOBBSOCD

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-20788

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-1497

7. Lease Name or Unit Agreement Name

Vacuum Glorieta East Unit Tract 13

8. Well Number 1

9. OGRID Number

217817

10. Pool name or Wildcat

Vacuum Glorieta

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

3300 N. "A" Street, Bldg. 6 #247, Midland, TX 79705-5406

4. Well Location

Unit Letter D : 990 feet from the North line and 335 feet from the West line

Section 26 Township 17-S Range 35-E NMPM County Lea

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

3,921' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type steel Depth to Groundwater 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 plugging procedure and wellbore diagrams

The Oil Conservation Division **Must be notified****24 hours prior** to the beginning of plugging operationsI 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 

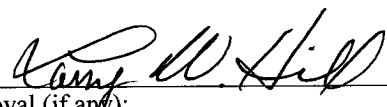
TITLE P&A Technician (Basic Energy Services) DATE 01/27/09

Type or print name Chris Blanton

E-mail address: chris.blanton@basicenergyservices.com Telephone No. 432-687-1994

For State Use Only

APPROVED BY:



TITLE DISTRICT 1 SUPERVISOR

DATE

FEB 03 2009

Conditions of Approval (if any):

ConocoPhillips Company
Vacuum Glorieta East Unit 13-01
API #30-025-20788
Vacuum Glorieta Field
Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings: 8 $\frac{5}{8}$ " 24# casing @ 1,713' cmt'd w/ 750 sx, circulated
4 $\frac{1}{2}$ " 9.5# casing @ 6,154' cmt'd w/ 800 sx, TOC @ 2,700' by T.S.
- Performed Bradenhead squeeze of 400 sx
- Perforated and squeezed @ 1,720' w/ 40 sx
- Squeezed 360 sx @ 1,790

Perforations: 6,132 – 6,148' (Paddock)

Tubulars: none

- Contact NM Digtess (1-800-321-2537) minimum 48 hrs prior to move-in
- Verify anchors tested within last two years
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Document daily tailgate safety meetings w/ crews
- Observe ConocoPhillips 10 – 2 – 4 work break program

2 $\frac{3}{8}$ " tubing capacity = 0.00387 bbls/ft
4 $\frac{1}{2}$ " 9.50# casing capacity = 0.0162 bbls/ft = 10.960 ft/ft³
8 $\frac{5}{8}$ " 24# casing capacity = 0.0636 bbls/ft = 2.797 ft/ft³

1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP. POOH w/ production equipment as present.
2. RIH w/ 2 $\frac{3}{8}$ " workstring tubing and HM-set CIBP 6,032'. RU cementer and set CIBP, displace hole w/ 100 bbls plugging mud (casing capacity ~95 bbls). Pump 25 sx C cmt 6,032 – 5,671' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4 $\frac{1}{2}$ " 9.50# casing), displacing w/ 21 bbls mud. PUH laying down tubing to 4,366'.
3. Load hole w/ plugging mud and pump 25 sx C cmt 4,366' – 4,005' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4 $\frac{1}{2}$ " 9.50# casing) displacing w/ 14 bbls plugging mud. PUH laying down tubing to 2,790'. **San Andres plug**
4. Load hole w/ plugging mud and pump 25 sx C cmt 2,790 - 2,429' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4 $\frac{1}{2}$ " 9.50# casing) displacing w/ 10 bbls plugging mud. PUH laying down tubing to 1,810'. **Base of Salt plug**

5. Load hole w/ plugging mud, pump 25 sx C cmt w/ 2% CaCl_2 1,810 – 1,663' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 361' in 4½" 9.50# casing) displacing w/ 10 bbls. WOC & tag this plug no lower than 1,663'. POOH laying down tubing, standing back 30'. **Top of**

Salt & Surface casing shoe plug

* — 25 sx. cmt. @ 550'

6. ND BOP and RIH w/ tubing to ⁶⁰~~30~~ Circulate 10 sx C cmt ⁶⁰~~30~~ to surface (1.32 ft³/sk yield, 13.2 ft³ slurry volume, calculated fill 434' in 4½" 9.50# casing). **Surface plug**

7. RDMO location.
8. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

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

Date Dec 18, 2008

RKB @ 3934'
 DF @ 3931'
 GL @ 3921'

Subarea Buckeye
 Lease & Well No Vacuum Glorieta East Unit, Tract 13 Well No 1
 Legal Description 990' FNL & 335' FWL, Sec 26, T17S, R35E
 County Lea State New Mexico
 Field Vacuum Glorieta
 Date Spudded 3/1/64 Rig Released 3/20/64
 API Number 30-025-20788
 Status _____
 Drilled as Santa Fe 94

Stimulation History:

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Lbs. Sand</u>	<u>Max Press</u>	<u>ISIP</u>	<u>Max Rate</u>	<u>Down</u>
	3/24/64	Perforate Paddock 6132-6148', 2 JSPF, total 32 holes						
6132-6148	3/26/64	15% Regular Acid	2,000		2900	2600	2 0	Tbg
	11/1/67	Install surface and subsurface equipment						
	9/25/84	Set RBP @ 3500'; tst csg 1000# OK. Dmp 2 sk sand on top						
		Run Tracer Survey - loss of material established at 1790'						
		Perform Bradenhead Squeeze Annulus w/400 sx Class C						
		Pmpd 360 sx cmt						
		Not able to establish TOC with Temperature Survey						
	9/27/84	Perf 4-1/2" csg @ 1720', 4 shots per foot						
		Set cmt retainer @ 1612' and sqz 45 bbls Class C cmt						
	10/2/84	Retrieve RBP @ 3500'						
6132-6148	9/16/87	15% NEFE Acid	3,000	60 BS	3600	400	3 0	2-3/8"

12-1/4" Hole

8-5/8" 24# J-55 @ 1713'

Cmt'd w/ 450 sx lead cmt, circ cement
 w/300 sx tail cmt
 TOC @ Surface

Perf @ 1720' Sqz w/345 bbls cmt

1790' - Sqz w/ 360 sx

TOC 4-1/2" Csg @ 2700'

Paddock

6132 - 6148 -- 32 holes

7-7/8" Hole

4-1/2" 9.5# J-55 @ 6154'

Cmt'd w/500 sx lead cmt
 300 sx tail cement
 TOC @ 2700' (T S)

PBTD 6150'
 TD 6250'

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

Date 1/27/2009

RKB @ 3934'
 DF @ 3931'
 GL @ 3921'

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8-5/8" 24# J-55 @ 1713'
 Cmt'd w/ 450 sx lead cmt, circ cement
 w/300 sx tail cmt

TOC @ Surface
 Pump 25 sx C cmt w/ 2% CaCl₂ 2,790 - 2,429' WOC & TAG

Perf @ 1720' Sqz w/345 bbls cmt

1790' - Sqz w/ 360 sx

TOC 4-1/2" Csg @ 2700'
 Base of Salt @ +/- 2,740'

Pump 25 sx C cmt 2,790 - 2,429'

Pump 25 sx C cmt 4,366 - 4,005'

Pump 25 sx C cmt 6,032 - 5,671'

Set CIBP @ 6,032'

Paddock

6132 - 6148 -- 32 holes

7-7/8" Hole
 4-1/2" 9.5# J-55 @ 6154'
 Cmt'd w/500 sx lead cmt
 300 sx tail cement
 TOC @ 2700' (T S)

PBTD 6150'
 TD 6250'



PROPOSED PLUGGING PROCEDURE

- 1) Set CIBP @ 6,032'
- 2) Pump 25 sx C cmt 6,032 - 5,671'
- 3) Pump 25 sx C cmt 4,366 - 4,005'
- 4) Pump 25 sx C cmt 2,790 - 2,429'
- 5) Pump 25 sx C cmt w/ 2% CaCl₂ 2,790 - 2,429' WOC & TAG
- 6) Pump 10 sx C cmt 30' to surface