

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 87401
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED CONSERVATION DIVISION
FEB 20 2009
1220 South St. Francis Dr. Santa Fe, NM 87505
HOBSOCD

WELL API NO. 30-025-02872
5. Indicate Type of Lease STATE [X] FEE [ ]
6. State Oil & Gas Lease No. B-2735
7. Lease Name or Unit Agreement Name Vacuum Abo Unit Tract 4 Battery 4
8. Well Number 6
9. OGRID Number 217817
10. Pool name or Wildcat Vacuum (Abo Reef)

SUNDRY NOTICES AND REPORTS ON WELLS
1. Type of Well: Oil Well [X] Gas Well [ ] Other [ ]
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale
3. Address of Operator 3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406
4. Well Location Unit Letter B : 990 feet from the North line and 1,650 feet from the East line
Section 26 Township 17-S Range 35-E NMPM County Lea
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,908' GR 3,918' RKB
Pit or Below-grade Tank Application [X] 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 [X]
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 CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS & 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 [X], a general permit [ ] or an (attached) alternative OCD-approved plan [ ].

SIGNATURE Chris Blanton TITLE Chris Blanton (Basic Energy Services) DATE 03/22/07

Type or print name For State Use Only E-mail address: chris.blanton@basicenergyservices.com Telephone No. 432-687-1994

APPROVED BY: Cary W. Hill TITLE DISTRICT 1 SUPERVISOR DATE FEB 23 2009
Conditions of Approval (if any):

## ConocoPhillips

### Proposed Plugging Procedure

#### Vacuum Abo Unit Battery 4, Tract 4 #6W

API #30-025-02872 Vacuum (Abo Reef) Field Lea County, New Mexico

Casings: 10<sup>3</sup>/<sub>4</sub>" 32.75# H-40 casing @ 353' cmt'd w/ 450 sx, circulated  
7<sup>5</sup>/<sub>8</sub>" 26.4# J-55 casing @ 3,600' cmt'd w/ 2,460 sx, circulated  
5<sup>1</sup>/<sub>2</sub>" 14, 15.5, & 17# liner 3,441 - 9,085' cmt'd w/ 700 sx, cement circulated  
Abo perforations 8,586 - 8,850'

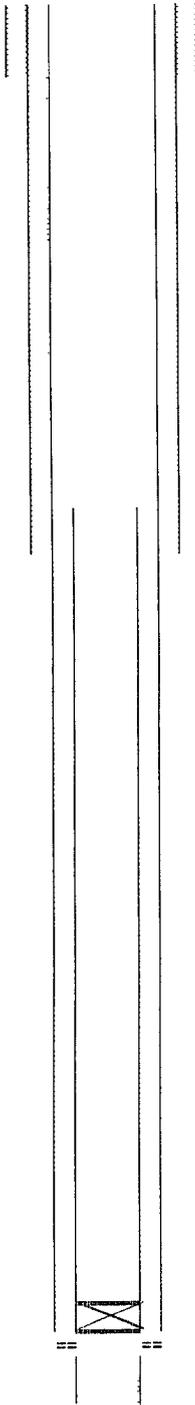
- TA'd w/ CIBP @ 8,540' (09/04/02)
  - Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM DIGTESS (1-800-321-2537) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
  2. RIH w/ 2<sup>3</sup>/<sub>8</sub>" workstring to CIBP @ 8,540'. RU cementer and circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 241' in 5<sup>1</sup>/<sub>2</sub>" 14# casing) 8,540 - 8,299'. POOH w/ tubing to 6,081'. **Abo plug**
  3. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 241' in 5<sup>1</sup>/<sub>2</sub>" 14# casing) 6,081 - 5,840'. POOH w/ tubing to 4,450'. **Glorieta plug**
  4. Pump 50 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 66.0 ft<sup>3</sup> slurry volume, calculated fill 482' in 5<sup>1</sup>/<sub>2</sub>" 14# casing) 4,450 - 3,968'. POOH w/ tubing to 3,650'. **San Andres & Grayburg plug**
  5. Pump 50 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 66.0 ft<sup>3</sup> slurry volume) 3,650 - 3,341'. WOC and tag this plug. POOH w/ tubing to 2,868'. **Intermediate casing shoe & liner top plug**
  6. Pump 30 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 39.6 ft<sup>3</sup> slurry volume, calculated fill 149' in 7<sup>5</sup>/<sub>8</sub>" 26.4# casing) 2,868 - 2,719'. POOH w/ tubing to 1,855'. **Base of salt plug**
  7. Pump 30 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 39.6 ft<sup>3</sup> slurry volume, calculated fill 149' in 7<sup>5</sup>/<sub>8</sub>" 26.4# casing) 1,855 - 1,706'. POOH w/ tubing to 353'. **Top of salt plug**
  8. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 124' in 7<sup>5</sup>/<sub>8</sub>" 26.4# casing) 353 - 229'. WOC and tag this plug. POOH w/ tubing. **Surface casing shoe plug**
  9. ND BOP, circulate 15 sx C cement (1.32 ft<sup>3</sup>/sk yield, 19.8 ft<sup>3</sup> slurry volume, calculated fill 75' in 7<sup>5</sup>/<sub>8</sub>" 26.4# casing) 60' to surface. **surface plug**
  10. 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.

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

Date Jan 23, 2007

RKB @ 3918'  
 DF @ \_\_\_\_\_  
 GL @ 3908'

Subarea : Buckeye  
 Lease & Well No. Vacuum Abo Unit Battery 4, Tract 4, Well 6W  
 Legal Description 990' FNL & 1650' FEL, Sec 26, T-17-S, R-35-E  
 County : Lea State : New Mexico  
 Field Vacuum (Abo Reef)  
 Date Spudded Sept 22, 1962 Rig Rel: Oct 17, 1962  
 API Number 30-025-02872  
 Status. Temporarily Abandoned  
 Drilled as State P No. 6 State Lease B-2735



15" Hole  
 10-3/4" 32 75# H-40 @ 353'  
 Cmt'd w/450 sx, circ  
 TOC @ surface

Top of Salt @ 1855'

Base Salt @ 2768'

**TOP OF LINER @ 3441'**  
 9-7/8" Hole  
 7-5/8" 26 4# J-55 @ 3600'  
 Cmt'd w/2360 sx Incor  
 w/100 sx Neat, circ  
 TOC @ Surface

5-1/2" CIBP @ 8540'  
 8586-8850  
 6-3/4" Hole  
**5-1/2" LINER @ 9085' - 3441'**

17# - 1100'  
 14# - 2400'  
 15 5# 9085'  
 Cmt'd w/700 sx TLW & 50 sx Neat cmt

PBTD. 8540'  
 TD 9085'

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
8586-8850	10/22/62	15% NE CO2	10,500	26 BS	5200	2800		
8586-8850	12/12/75	28% NE HCl	3 500	250,000 cu ft	2500	0		
	2/16/84	Convert to water injection						
	9/4/02	Set 5-1/2" CIBP @ 8540' Temporarily Abandon						

**Formation Tops:**

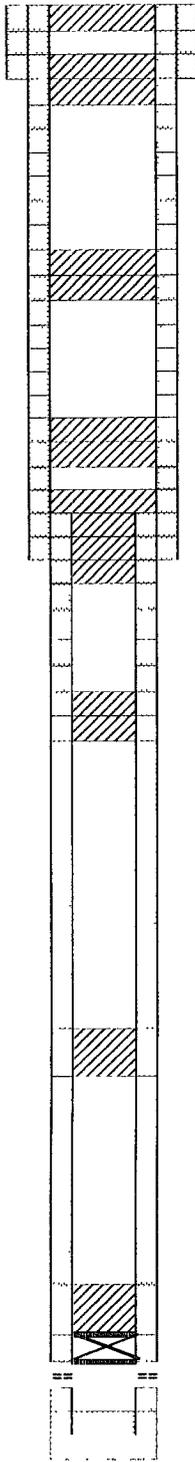
Rustler	1672'
Yates	2920'
Queen	3798'
Grayburg	4110'
San Andres	4454'
Glorieta	6081'
Yeso	6195'
Abo	8585'

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

Date: March 22, 2007

RKB @ 3918'  
 DF @ \_\_\_\_\_  
 GL @ 3908'

Subarea Buckeye  
 Lease & Well No Vacuum Abo Unit Battery 4, Tract 4, Well 6W  
 Legal Description 990' FNL & 1650' FEL, Sec. 26, T-17-S, R-35-E  
 County Lea State New Mexico  
 Field Vacuum (Abo Reef)  
 Date Spudded Sept 22, 1962 Rig Rel Oct. 17, 1962  
 API Number 30-025-02872  
 Status PROPOSED PLUGGED  
 Drilled as State P No. 6 State Lease B-2735



**15 sx C cmt 60' to surface**  
 10-3/4" 32 75# H-40 @ 353' cmt'd w/ 450 sx, circ  
**25 sx C cmt 403 - 229' WOC/TAG**

**30 sx C cmt 1,855 - 1,706'**  
 Top of Salt @ 1855'  
 9-7/8" Hole

Base Salt @ 2768'  
**30 sx C cmt 2,868 - 2,719'**

**TOP OF LINER @ 3441'**  
 7-5/8" 26.4# J-55 @ 3,600' w/ 2,460 sx, circulated  
**50 sx C cmt 3,650 - 3,341' WOC/TAG**

**50 sx C cmt 4,450 - 3,968'**

**25 sx C cmt 6,081 - 5,840'**

**Circulate mud, 25 sx C cmt 8,540 - 8,299'**  
 5-1/2" CIBP @ 8540'  
 8586-8850  
 6-3/4" Hole  
**5-1/2" LINER @ 9085' - 3441'**  
 17# - 1100'  
 14# - 2400'  
 15.5# 9085'

PBTD. 8540'  
 TD 9085'

Cmt'd w/700 sx TLW & 50 sx Neat cmt

**Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
8586-8850	10/22/62	15% NE CO2	10,500	26 BS	5200	2800		
8586-8850	12/12/75	28% NE HCl	3,500		2500	0		
	2/16/84	<b>Convert to water injection</b>						

9/4/02 Set 5-1/2" CIBP @ 8540'  
 Temporarily Abandon

**PROPOSED PLUGGING PROCEDURE**

- 1) Circulate mud, 25 sx C cmt 8,540 - 8,299'
- 2) 25 sx C cmt 6,081 - 5,840'
- 3) 50 sx C cmt 4,450 - 3,968'
- 4) 50 sx C cmt 3,650 - 3,341' WOC/TAG
- 5) 30 sx C cmt 2,868 - 2,719'
- 6) 30 sx C cmt 1,855 - 1,706'
- 7) 25 sx C cmt 403 - 229' WOC/TAG
- 8) 15 sx C cmt 60' to surface

Capacities

5 1/2" 14# csg	7 299	ft/ft3	0 1370	ft3/ft
5 1/2" 15 5# csg	7 485	ft/ft3	0 1336	ft3/ft
7 7/8" openhole.	2 957	ft/ft3	0 3382	ft3/ft
8 3/4" 24# csg	2 797	ft/ft3	0 3575	ft3/ft
13 3/8" 48# csg.	1 134	ft/ft3	0 8817	ft3/ft

Formation Tops:

Rustler	1672'
Yates	2920'
Queen	3798'
Grayburg	4110'
San Andres	4454'
Glorieta	6081'
Yeso	6195'
Abo	8585'