

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.	<b>30-025-04551</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name <b>Campbell Houston Gas Com</b>	
8. Well Number	<b>2</b>
9. OGRID Number	<b>217817</b>
10. Pool name or Wildcat <b>Eumont Gas Pool</b>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3,598' RKB</b>	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>STEEL</u> Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water <u>N/A</u>	
Pit Liner Thickness: <u>STEEL</u> mil Below-Grade Tank: Volume <u>180</u> bbls; Construction Material <u>STEEL</u>	

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  
**3303 N. "A" Street, Bldg. 6 #247, Midland, Texas 79705-5406**

4. Well Location  
Unit Letter K : 1,980 feet from the South line and 1,980 feet from the West line  
Section 07 Township 21-S Range 36-E NMPM County Lea

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 & 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 Jim Newman TITLE **James F. Newman, P.E. (Triple N Services)** DATE **06/11/07**

Type or print name  
**For State Use Only**

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

APPROVED BY: Mary W. Wink TITLE **QC FIELD REPRESENTATIVE II/STAFF MANAGER** DATE \_\_\_\_\_  
Conditions of Approval (if any):

**JUN 13 2007**

# WELLBORE SKETCH

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

Date: May 23, 2007

RKB @ 3598'  
DF @ 3597'  
GL @

Subarea : Hobbs  
Lease & Well No. : Campbell Houston Gas Com No. 2  
Legal Description : 1980' FSL and 1980' FWL, Sec. 7, T17S, R36E  
County : Lea State : New Mexico  
Field : Eumont Gas Pool  
Date Spudded : 12/5/36 Rig Released: 1/6/37  
API Number : 30-025-04551  
Status:

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Down
	12/14/36	Crooked hole @ 2400-2700'						
		Plug back to 2300' with 125 sacks cement						
		Plug back to 2149' with 125 sacks cement						
	1/22/37	Packer leaking, estimate well making 12 million gas						
	1/23/37	Pump 120 gals packer seal down casing, chased with 66 bbls oil						
	1/28/37	Fill hole back with caliche to 3800'						
	1/31/37	Dump 2 sacks cement on top of Caliche						
	2/1/37	Squeeze job 3802' with 40 sacks cement						
	2/4/37	Drill out cement to 3830'						
	2/6/37	Swab well, making 8,277,000 gas, with small show of oil						
3737-3900	2/9/37	Acid	1,000					
		Oil	350 Bbls		300			
	6/12/51	Set 5-1/2" cement retainer @ 3700'						
		Pump 64 sx below and 2 sx above; TOC @ 3677'						
	6/14/51	Perforate 3050-3405, 320 shots						
	5/26/98	Set 5-1/2" CIBP @ 3000'; circulate packer fluid						

20" Hole  
16" 70# @ 34'  
Cmt'd w/65 sx, circ  
TOC @ Surface

9-7/8" Hole  
7-5/8" 22# @ 1342'  
Cmt'd w/500 sx  
TOC @ N / A  
Top of Salt @ +/- 1545'

TOC @ 1,940' calculated

Base of Salt @ +/- 2381'

5-1/2" CIBP @ 3000'

Yates

3050' - 3100'

3125' - 3195'

3365' - 3405'

Cement Retainer @ 3700' w/2 sx cmt above; TOC @ 3677'

6-3/4" Hole

5-1/2" 17# @ 3,737' cmt'd w/ 150 sx

4-3/4" Hole

OH 3737' - 3900'

PBTD: 3000'  
TD: 3900'

## Formation Tops:

Top Salt +/- 1545'  
Base Salt +/- 2381'  
Seven Rivers  
Queen  
Grayburg

## ConocoPhillips

### Proposed Plugging Procedure

Campbell Houston Gas Com #2  
API #30-025-04551  
Eumont Gas Pool Field  
Lea County, New Mexico

Casings: 16" 70# casing @ 34' cmt'd w/ 65 sx circ to surface  
7<sup>5</sup>/<sub>8</sub>" 22# casing @ 1,342' cmt'd w/ 500 sx, circulated (~200% excess)  
5<sup>1</sup>/<sub>2</sub>" 17# casing @ 3,737' cmt'd w/ 150 sx, TOC 1,940' calc. w/ 70% efficiency

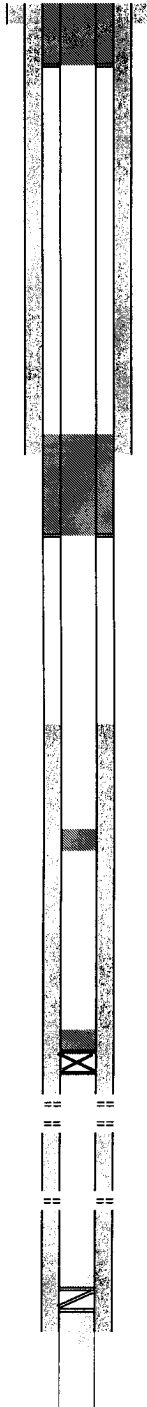
- TA'd w/ CIBP @ 3,000' (set 05/26/98)
  - Notify NMOCD 48 hrs prior to move in, and 4 hrs prior to plugs
  - Hold daily tailgate safety meetings w/ crews
  - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Set steel pit and flow down well as needed. MIRU Triple N pulling unit. ND wellhead and NU BOP.
  2. RIH w/ 2<sup>3</sup>/<sub>8</sub>" workstring, tag CIBP @ ~3,000'. RU cementer & circulate hole w/ plugging mud. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 39.6 ft<sup>3</sup> slurry volume, calculated fill 253' in 5<sup>1</sup>/<sub>2</sub>" 17# casing) 3,000 – 2,747'. **Yates plug**
  3. POOH w/ tubing to 2,481'. Pump 25 sx C cmt (1.32 ft<sup>3</sup>/sk yield, 33.0 ft<sup>3</sup> slurry volume, calculated fill 253 in 5<sup>1</sup>/<sub>2</sub>" 17# casing) 2,481 – 2,228'. POOH w/ tubing. **Base of salt plug**
  4. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 1,545'. POOH w/ wireline, RD lubricator.
  5. RIH w/ AD-1 packer to 800'. Set packer and establish rate into perforations at 1,000 psi or less. Squeeze 75 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 99.0 ft<sup>3</sup> slurry volume, calculated fill 398' in 6<sup>3</sup>/<sub>4</sub>" openhole) 1,545 – 1,147'. WOC & tag this plug no deeper than 1,292', POOH w/ packer. **Top of salt and intermediate casing shoe plug**
  6. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, perforate four squeeze holes @ 400'. POOH w/ wireline, RD lubricator.
  7. Circulate 90 sx C cmt w/ 2% CaCl<sub>2</sub> (1.32 ft<sup>3</sup>/sk yield, 118.8 ft<sup>3</sup> slurry volume, calculated fill 448' in 7<sup>5</sup>/<sub>8</sub>" casing) 400' to surface. **Surface casing shoe and surface plug**
  8. POOH w/ packer, top off wellbore w/ cmt as needed. ND BOP, RDMO.
  9. 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 -- Lower 48 - Mid-Continent BU / Permian Operations

Date: June 11, 2007

RKB @ 3598'  
 DF @ 3597'  
 GL @

Subarea: Hobbs  
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Perf/sqz circulate 90 sx C cmt 400' to surface

9-7/8" Hole

7-5/8" 22# @ 1342' cmt'd w/ 500 sx

Top of Salt @ +/- 1545'

Perf/sqz 75 sx C cmt 1,545 - 1,292' WOC & TAG

5-1/2" TOC @ 1,940' calculated w/ 70% efficiency

25 sx C cmt 2,481 - 2,228'

Base of Salt @ +/- 2381'

circulate plugging mud from PBDT

25 sx C cmt 3,000 - 2,747'

5-1/2" CIBP @ 3000'

Yates

3050' - 3100'

3125' - 3195'

3365' - 3405'

Cement Retainer @ 3700' w/2 sx cmt above; TOC @ 3677'

6-3/4" Hole

5-1/2" 17# @ 3737' Cmt'd w/ 150 sx

4-3/4" Hole

OH 3737' - 3900'

PBDT: 3000'  
 TD: 3900'

## Stimulation History:

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	2/9/37	Acid 1,000						
		Oil 350 Bbls 300						
	6/12/51	Set 5-1/2" cement retainer @ 3700'						
		Pump 64 sx below and 2 sx above; TOC @ 3677'						
	6/14/51	Perforate 3050-3405, 320 shots						
	5/26/98	Set 5-1/2" CIBP @ 3000'; circulate packer fluid						



## **PROPOSED PLUGGING PROCEDURE**

- 1) circulate plugging mud from PBDT
- 2) 25 sx C cmt 3,000 - 2,747'
- 3) 25 sx C cmt 2,481 - 2,228'
- 4) Perf/sqz 75 sx C cmt 1,545 - 1,292' WOC/TAG
- 5) Perf/sqz circulate 90 sx C cmt 400' to surface

## Capacities

5-1/2" 17# csg:	7.661 ft/ft3	0.1305 ft3/ft
7-5/8" 26.4# csg:	3.775 ft/ft3	0.2648 ft3/ft
13-3/8" 48# csg:	1.134 ft/ft3	0.8817 ft3/ft
9-7/8" openhole:	1.880 ft/ft3	0.5319 ft3/ft
6-3/4" openhole:	4.024 ft/ft3	0.2485 ft3/ft

## Formation Tops:

Top Salt	+/- 1545'
Base Salt	+/- 2381'
Seven Rivers	
Queen	
Grayburg	