

Submitt 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. 30-025-02859
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1713
7. Lease Name or Unit Agreement Name East Vacuum Gb/SA Unit Tract #2335
8. Well Number 002
9. OGRID Number 217817
10. Pool name or Wildcat Vacuum Grayburg/San Andres

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 M: 330 feet from the South line and 990 feet from the West line  
Section 23 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 \_\_\_\_\_ 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: ☐

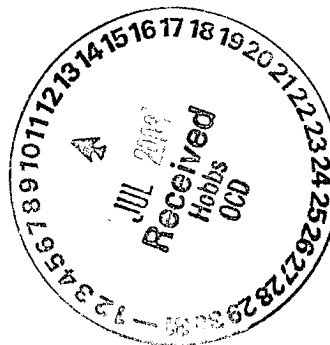
SUBSEQUENT REPORT OF:

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 & 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 [Signature] TITLE James F. Newman, P.E. (Triple N Services) DATE 07/06/06

Type or print name James F. Newman

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

For State Use Only

APPROVED BY: [Signature]  
Conditions of Approval (if any):

TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE JUL 12 2006

# WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: June 29, 2006

RKB @ 3934'  
DF @ 3933'  
GL @

Subarea : Buckeye  
Lease & Well No. : East Vacuum GB/SA Unit, Tract 2335 Well No.002  
Legal Description : 330' FSL & 990' FWL, Sec. 23, T17S, R35E  
County : Lea State : New Mexico  
Field : Vacuum (Grayburg-San Andres)  
Date Spudded : Sept. 6, 1941 Rig Released: Oct. 2, 1941  
API Number : 30-025-02859  
Status:  
Drilled as State Warn No. 2 State Lease No. B-1713

## Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
4170-4605	10/4/41	15% Acid	1,750					
4170-4605	10/13/41	15% Acid	4,000					
4170-4605	5/4/66	15% NE	1,000					
	5/4/66	Gelled Water	30,000	25,000	6200	2600		
	5/27/83	Install prod equipment						
4170-4605	5/10/95	Ferchek	4,000	2000# RS	2911	2149	3.9	
4170-4605	5/20/95	hot oil						
		test 16 BO, 14 BW, 2.7 Mcf/d						

11" Hole

TOC @ 472' (Calc)

8-5/8" 32# @ 1,685' w/ 300 sx

Top of Salt @ 1,795'

TOC @ 1,828' (Calc)

Base Salt @ 3,050'

7-7/8" Hole

5-1/2" 17# @ 4,170' w/ 200 sx

4-3/4" Hole

OPEN HOLE 4,175 - 4,605'

## Formation Tops:

Rustler  
Salado  
Yates  
Queen  
Grayburg  
San Andres

PBTD: 4605'  
TD: 4605'

## ConocoPhillips

### Proposed Plugging Procedure

East Vacuum Grayburg San Andres Unit Tract 2335 #002  
Vacuum Grayburg San Andres Field  
API #30-025-02859  
Section 23, T-17-S, R-35-E  
Lea County, New Mexico

Casings: 8 $\frac{5}{8}$ " 32# casing @ 1,685' cmt'd w/ 300 sx, TOC 472' calc.  
5 $\frac{1}{2}$ " 17# casing @ 4,170', cmt'd w/ 200 sx, TOC 1,828' calc.

- SI producer
  - 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 plugging equipment. ND wellhead and NU 6" 5,000# hydraulic BOP.
  2. POOH w/ production equipment as present. RIH w/ gauge ring for 5 $\frac{1}{2}$ " 17# casing on sandline to 4,125', POOH w/ gauge ring.
  3. RIH w/ HM tbg-set CIBP on 2 $\frac{3}{8}$ " workstring to 4,125'. RU cementer and set CIBP @ 4,125'. Circulate hole w/ 80 bbls plugging mud and 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 $\frac{1}{2}$ " 17# casing) 4,125 – 3,872'. POOH w/ tubing to 3,150'. **Grayburg San Andres plug**
  4. Load hole w/ plugging mud and 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 $\frac{1}{2}$ " 17# casing) 3,150 – 2,897'. POOH w/ tubing. **base of salt plug**
  5. RU lubricator and RIH w/ four 1-11/16" link-jet perforating charges on wireline, and perforate four squeeze holes @ 1,795'. POOH w/ wireline, RD lubricator.
  6. RIH w/ AD-1 packer to 1,300'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 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 289' in 8 $\frac{5}{8}$ " 32# casing) 1,795 – 1,506'. If unable to squeeze cmt, contact NMOCD for balanced plug approval. POOH w/ packer. WOC & TAG this plug no deeper than 1,635'. **Top of salt & surface casing shoe plug**
  7. SI BOP and pressure-test 5 $\frac{1}{2}$ " casing to 500 psi. If casing does not test, squeeze plug in #9 under packer.
  8. RU lubricator and RIH w/ four 2 $\frac{1}{2}$ " strip-jet perforating charges on wireline, and perforate four squeeze holes @ 400'. POOH w/ wireline, RD lubricator.

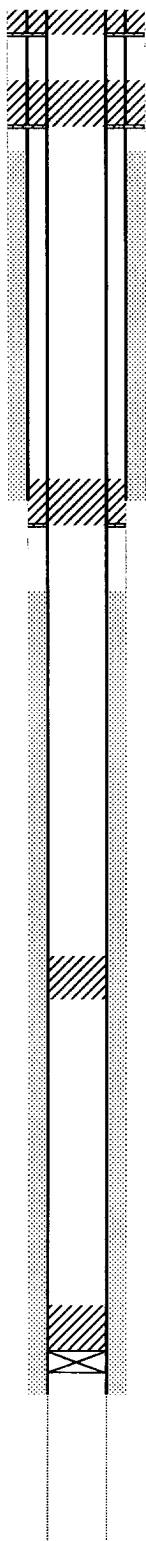
9. If casing tested in #7, ND BOP and NU wellhead. Establish circulation in  $5\frac{1}{2}$  x  $8\frac{5}{8}$ " &  $8\frac{5}{8}$  x 11" annuli and squeeze 65 sx C cmt w/ 2%  $\text{CaCl}_2$  (1.32 ft<sup>3</sup>/sk yield, 85.8 ft<sup>3</sup> slurry volume, calculated fill 130' in 11" openhole) 400 – 170'. If unable to squeeze cmt, contact NMOCD for balanced plug approval. WOC & TAG this plug no deeper than 300'. **freshwater plug**
10. RIH w/ four 2½" strip-jet perforating charges on wireline, and perforate four squeeze holes @ 50'. POOH w/ wireline. ND BOP, NU wellhead. Circulate 35 sx C cement (1.32 ft<sup>3</sup>/sk yield, 46.2 ft<sup>3</sup> slurry volume, calculated fill 70' in 11" openhole) 50' to surface. **surface plug**
11. 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.

# PROPOSED PLUGGED WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: July 7, 2006

RKB @ 3934'  
DF @ 3933'  
GL @



35 sx C cmt 50' to surface perf & sqz

11" Hole

65 sx C cmt 400 - 300' perf & sqz TAG

TOC @ 472' (Calc)

8-5/8" 32# @ 1,685' w/ 300 sx

75 sx C cmt 1,795 - 1,635' perf & sqz TAG

Top of Salt @ 1,795'

TOC @ 1,828' (Calc)

Base Salt @ 3,050'

25 sx C cmt 3,150 - 2,897'

7-7/8" Hole

CIBP @ 4,125' w/ 25 sx C cmt 4,125 - 3,872'

5-1/2" 17# @ 4,170' w/ 200 sx

4-3/4" Hole

OPEN HOLE 4,175 - 4,605'

PBTD: 4605'  
TD: 4605'

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	5/27/83	Install prod equipment					
4170-4605	5/10/95	Ferchek	4,000	2000# RS	2911	2149	3.9
4170-4605	5/20/95	hot oil					
		test 16 BO, 14 BW, 2.7 Mcf/d					



## PROPOSED PLUGGING PROCEDURE

- 1) CIBP @ 4,125' w/ 25 sx C cmt 4,125 - 3,872'
- 2) 25 sx C cmt 3,150 - 2,897'
- 3) 75 sx C cmt 1,795 - 1,635' perf & sqz TAG
- 4) 65 sx C cmt 400 - 300' perf & sqz TAG
- 5) 35 sx C cmt 50' to surface perf & sqz

## Capacities

4-1/2" 9.5# csg:	10.960 ft/ft3	0.0912 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
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	0.66 ft3/ft

## Formation Tops:

Rustler  
Salado  
Yates  
Queen  
Grayburg  
San Andres