

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. 30-025-02858
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2735
7. Lease Name or Unit Agreement Name East Vacuum Gb/SA Unit Tract #2271
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale	
3. Address of Operator 4001 Penbrook Street Odessa, Texas 79762	
4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>22</u> Township <u>17-S</u> Range <u>35-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,939' GL	
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type <u>STEEL</u> Depth to Groundwater <u>53</u> Distance from nearest fresh water well <u>3/4</u> mile 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>	

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 OCD FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 09 2006
Conditions of Approval (if any):

WELLBORE SKETCH

ConocoPhillips Company -- Permian Basin Business Unit

Date: February 14, 2006

RKB @ 3940'
DF @ 3939'
GL @ 3928.5'

Subarea : Buckeye
Lease & Well No. : East Vacuum GB/SA Unit Tract 2271 Well No. 002
Legal Description : 660' FSL & 660' FEL, Sec. 22, T-17-S, R-35-E
County : Lea State : New Mexico
Field : Vacuum (Grayburg-San Andres)
Date Spudded : March 21, 1939 Rig Released: April 15, 1939
API Number : 30-025-02858
Status:
Drilled as State "P" No. 2

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
	4/39	Shot 4400'-4625' w/410 Quarts Nitro					
	4/39	Acid	4,500		2000		
4290-4640	2/11/49	10% Acid	5,000		1700		
4290-4640	10/9/57	Lease Crude	20,000	20,000	4300	2800	14.5
	10/1/59	Change of Operator from Magnolia Petroleum to Socony Mobil					
	12/1/78	Change in ownership to Phillips Petroleum Co.					
	12/1/78	Well shut-in -- uneconomical					
	2/14/83	Install pumping equipment and reactivate					
	11/30/87	Shut in - uneconomic to operate					
	11/1/94	Jet wash and clean out to 4614'					

12-1/4" Hole

9-5/8" 36# @ 1,694' w/ 375 sx, circ.

Top of Salt @ 1,790'

Base Salt @ 2,708'

8-3/4" Hole

7" 24# @ 4,290' w/ 210 sx, TOC 2,754' calc.

6-3/4" Hole
OH 4,290' - 4,640'

FIII @ 4,614'

PBTD: 4614'
TD: 4640'

Formation Tops:

Anhydrite	1674'
Top Salt	1790'
Base Salt	2708'
Brown Lime	4380'
White Lime	4224'

ConocoPhillips

Proposed Plugging Procedure

East Vacuum GB/SA Unit 2271 #002

Vacuum Field

Lea County, New Mexico

Casings: 9⁵/₈" 36# casing @ 1,694' cmt'd w/ 375 sx, circulated
7" 24# casing @ 4,290' cmt'd w/ 210 sx, TOC 2,754' calculated
Openhole 4,290 – 4,640'

- 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. POOH w/ production equipment as present.
 2. RIH w/ gauge ring for 7" 24# casing to 4,240'. POOH w/ gauge ring.
 3. RIH w/ HM tbg-set CIBP on 2³/₈" workstring to 4,240'. RU cementer and set CIBP @ 4,240'. Circulate hole w/ 10 ppg plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 151' in 7" 24# casing) 4,240 – 4,089'. **Grayburg plug**
 4. RU lubricator and RIH w/ wireline, perforate 7" casing @ 2,750' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 5. RIH w/ AD-1 packer to 2,400'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 40 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 126' in 8³/₄" open hole) 2,750 – 2,650'. WOC & tag this plug no deeper than 2,650'. **Base of salt plug**
 6. RU lubricator and RIH w/ wireline, perforate 7" casing @ 1,790' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 7. RIH w/ AD-1 packer to 1,400'. Load hole w/ mud, set packer, and establish rate into perforations at 1,500 psi or less. Squeeze 105 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 139 ft³ slurry volume, calculated fill 332' in 8³/₄" open hole) 1,790 – 1,500'. WOC & tag this plug no deeper than 1,654'. **Top of Salt & surface casing shoe plug**
 8. RU lubricator and RIH w/ wireline, perforate 7" casing @ 400' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
 9. RIH w/ AD-1 packer to 200'. Load hole w/ mud, set packer, and establish rate into perforations at 1,000 psi or less. Squeeze 80 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 106 ft³ slurry volume, calculated fill 243' in 9⁵/₈" 36# casing) 400 – 200'. **freshwater plug**

10. RU lubricator and RIH w/ wireline, perforate 7" casing @ 50' w/ four 1-11/16" link-jet charges. POOH w/ wireline.
11. ND BOP & NU wellhead. Establish circulation in 7 x 9⁵/₈" annulus via perforations @ 50', circulate 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 76' in 9⁵/₈" 36# casing) 50' to surface. **surface plug**
12. RDMO location.
13. 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 @ 3940'
 DF @ 3939'
 GL @ 3928.5'



25 sx C cmt 50' to surface perf & sqz

80 sx C cmt 400 - 300' perf & sqz

12-1/4" Hole

9-5/8" 36# @ 1,694' w/ 375 sx, circ.

105 sx C cmt 1,790 - 1,654' perf & sqz TAG
 Top of Salt @ 1,790'

Base Salt @ 2,708'
 40 sx C cmt 2,750 - 2,650' perf & sqz TAG

8-3/4" Hole

CIBP @ 4,240' w/ 25 sx C cmt 4,240 - 4,089'

7" 24# @ 4,290' w/ 210 sx, TOC 2,754' calc.

6-3/4" Hole
 OH 4,290' - 4,640'

Fill @ 4,614'

PBTD: 4614'
 TD: 4640'

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	11/1/94	Jet wash and clean out to 4614'					



PROPOSED PLUGGING PROCEDURE

- 1) CIBP @ 4,240' w/ 25 sx C cmt 4,240 - 4,089'
- 2) 40 sx C cmt 2,750 - 2,650' perf & sqz TAG
- 3) 105 sx C cmt 1,790 - 1,654' perf & sqz TAG
- 4) 80 sx C cmt 400 - 300' perf & sqz
- 5) 25 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" 28# csg:	2.853 ft/ft3	0.3505 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
12-1/4" openhole:	1.222 ft/ft3	0.8185 ft3/ft

Formation Tops:

Anhydrite	1674'
Top Salt	1790'
Base Salt	2708'
Brown Lime	4380'
White Lime	4224'