

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.	30-025-01426
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	31153
7. Lease Name or Unit Agreement Name State E&F TG SWD	
8. Well Number	D05
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 type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD	
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 <u>A</u> : <u>990</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>36</u> Township <u>17-S</u> Range <u>33-E</u> NMPM County <u>Lea</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,018' GR	
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>	

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 CURRENT & PROPOSED PLUGGED WELLBORE DIAGRAMS, & PROPOSED PLUGGING PROCEDURE

THE OIL CONSERVATION DIVISION WILL NOT
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 NMOC guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE [Signature] TITLE James F. Newman, P.E. (Triple N Services) DATE 10/24/07

Type or print name
For State Use Only

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

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

[Signature] FIELD REPRESENTATIVE II/STAFF MANAGER
DATE _____

OCT 26 2007

WELLBORE SKETCH

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

Date September 12, 2007

RKB @ 4115'
DF @ 4114'
GL @ 4105'

Subarea Buckeye
Lease & Well No State E&F TG SWD No D05
Legal Description 990' FNL & 660' FEL, Sec 36, T17S, R33E, Unit Letter A
County Lea State New Mexico
Field Vacuum (Grayburg-San Andres)
Date Spudded Dec 21, 1955 Rig Released Jan 8, 1956
API Number 30-025-01426
Status
State Lease No. B-2229

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
Drilled with Rotary Tools								
Squeeze 8-5/8" x 5-1/2" annulus w/300 sx	4565-4682	1/26/56	J Acid	2,000				
			Gelled Acid W	6,000				
	4573-4682	11/3/75	15% HCl	1,000	2000			
			Convert to Salt Water Disposal					
		5/14/76	Cellar dug out. Cmt to top of 8-5/8" pipe					
		9/15/90	tracer survey indicated fluid entering formation @ 1,588'					
8-5/8" 24# J-55 ST&C @ 1520'			Squeeze 8-5/8 x 5-1/2" annulus w/300 sx cement					
		10/19/01	Set CIBP @ 4517' - TEMPORARILY ABANDON					

8-5/8" 24# J-55 ST&C @ 1520'
Cmt'd w/ 400 sx
TOC @ Surface
Top of Salt @ 1550'

Base Salt @ 2680'
TOC 5-1/2" Csg @ 2680' (Estimated)

FORMATION TOPS:

Rustler	1489'
Top Salt	1550'
Base Salt	2680'
Yates	2838'
Queen	3829'
Grayburg	4213'
San Andres	4577'

5-1/2" CIBP @ 4517'
7-7/8" Hole
5-1/2" 14# J-55 ST&C @ 4564'
Cmt'd w/400 sx
TOC @ 2680' (Estimate)
OPENHOLE 4564' - 4682'
4-3/4" Hole

PBTD @ 4517'
TD @ 4682'

ConocoPhillips Company

Proposed Plugging Procedure

State E & F TG SWD D05

API # 30-025-01426

Vacuum Field

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

TA'd (10/01) w/ 5½" CIBP (no cement cap) @ 4,517'; 5½" 14# casing @ 4,564' (Estimated TOC @ 2,680') ; no tubulars in hole; SALT DEPTHS Top @ 1,550'; Base @ 2,680'

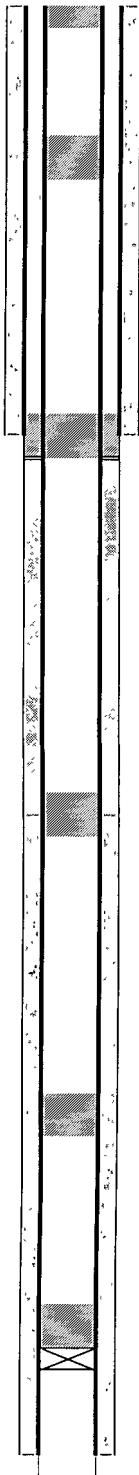
- Squeezed 300 sx cmt down 5½ x 8⅝" annulus (09/15/90), TOC @ surface [tracer survey run 09/15/90 indicated fluid exit @ ~1,588']
 - Verify anchors tested within last two years
 - Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
 - Hold daily tailgate safety meetings w/ crews
 - Contact NM Digtess (1-800-321-2537, Account # 6778) minimum 48 hrs prior to move-in
1. Note SICP & SI casing annular pressures.
 2. Set steel pit and flow down well as needed. Deliver 4,600' 2⅝" workstring.
 3. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP.
 4. RIH w/ workstring, tag CIBP @ 4,517'. RU cementer and circulate hole w/ 110 bbls plugging mud and pump 25 sx C cement (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 241' in 5½" 14# casing) on CIBP balanced plug 4,517 – 4,276'.
 5. PUH w/ workstring to 3,829'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5½" 14# casing), balanced plug 3,829 – 3,588'. **Queen Plug**
 6. PUH w/ workstring to 2,780'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 241' in 5½" 14# casing) balanced plug 2,780 – 2,539'. POOH w/ workstring. **Base of Salt Plug**
 7. RU and test lubricator. RIH w/ wireline perforate 5½" casing @ 1,570'. POOH w/ wireline, RD lubricator.
 8. RIH w/ 5½" packer on workstring to 1,085'. Load hole w/ plugging mud, set packer, establish rate at 1,500 psi or less, observing 5½ x 8⅝" annulus for communication. If rate is established, squeeze 50 sx C cmt w/ 2% CaCl₂ 1,570 – 1,385' (1.32 ft³/sk yield, 66.0 ft³ slurry volume, calculated fill 185' in 8⅝" 24# casing). WOC & and tag this plug no deeper than 1,470'. If unable to squeeze, notify NMOCD for balanced plug approval. **Top of Salt & casing shoe plug**
 9. POOH w/ packer. If able to squeeze perforations at 1,570' in #8:

- a. RU and test lubricator, and RIH w/ wireline. Perforate 5½" casing @ 400'. POOH w/ wireline, RD lubricator. SI BOP and establish rate at 1,500 psi or less. If rate is established, circulate 110 sx C cmt 400' to surface (1.32 ft³/sk yield, 145 ft³ slurry volume, calculated fill 406' in 8⅝" 24# casing). If unable to squeeze, contact NMOCD for balanced plug approval. POOH w/ packer.
 - b. If unable to squeeze perforations @ 1,570' and no communication to 5½ x 8⅝" was observed, RIH w/ workstring to 400'. Load hole w/ plugging mud and pump 25 sx C cmt (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 241' in 5½" 14# casing) balanced plug 400 – 159'. POOH w/ workstring.
- 10.** ND BOP and NU wellhead. RIH w/ tubing to 50' and circulate 10 sx C cmt as needed 50' to surface (1.32 ft³/sk yield, 13.2 ft³ slurry volume, calculated fill 96' in 5½" 14# casing).
- 11.** RDMO location.
- 12.** 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 October 18, 2007

RKB @ 4115'
 DF @ 4114'
 GL @ 4105'



10 sx C cmt 50' - surface

25 sx C cmt 400 - 159'

Squeezed 8-5/8" x 5-1/2" annulus w/300 sx

12-1/4" Hole

8-5/8" 24# J-55 ST&C @ 1,520' cmt'd w/ 400 sx, circ.
 Top of Salt @ 1550'

Perf/Sqz 50 sx C cmt 1,570 - 1,470' TAG

25 sx C cmt 2,780 - 2,539'
 TOC 5-1/2" Csg @ 2680' (Estimated)
 Base Salt @ 2680'

25 sx C cmt 3,829 - 3,588'

Circulate mud, 25 sx C cmt 4,517 - 4,276'
 5-1/2" CIBP @ 4517'
 7-7/8" Hole
 5-1/2" 14# J-55 ST&C @ 4564'
 Cmt'd w/400 sx
 TOC @ 2680' (Estimate)
 OPENHOLE 4564' - 4682'
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	9/15/90	tracer survey indicated fluid entering formation @ 1,588'						
		Squeeze 8-5/8 x 5-1/2" annulus w/300 sx cement						
	10/19/01	Set CIBP @ 4517' - TEMPORARILY ABANDON						

PROPOSED PLUGS

- 1) Circulate mud, 25 sx C cmt 4,517 - 4,276'
- 2) 25 sx C cmt 3,829 - 3,588'
- 3) 25 sx C cmt 2,780 - 2,539'
- 4) Perf & Sqz 50 sx C cmt 1,570 - 1,470' WOC & TAG
- 5) 25 sx C cmt 400 - 159'
- 6) 10 sx C cmt 50' - surface

Capacities

5-1/2" 14# csg	7 299 ft/ft3 40 98 ft/bbl	0 1370 ft3/ft 0 0244 bbl/ft
8-5/8" 24# csg	2 797 ft/ft3 15 70 ft/bbl	0 3575 ft3/ft 0 0636 bbl/ft
7-7/8" openhole	2 957 ft/ft3 16 599 ft/bbl	0 3382 ft3/ft 0 0602 bbl/ft

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