

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
February 8, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-20363
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. E-6504	

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 L : 2310 feet from the South line and 330 feet from the West line

Section 5 Township 18-S Range 35-E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3,959' GL; 3,969' RKB

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: PLUGBACK ☐

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 PROPOSED PLUGGING PROCEDURE, CURRENT & PROPOSED PLUGGED DIAGRAMS

RECEIVED

FEB 20 2008

HOBBS OCD

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

TITLE James F. Newman, P.E. (Triple N Services) DATE 02/19/08

Type or print name
For State Use Only

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

OC DISTRICT SUPERVISOR/GENERAL MANAGER

APPROVED BY:

Conditions of Approval (if any):

TITLE

DATE

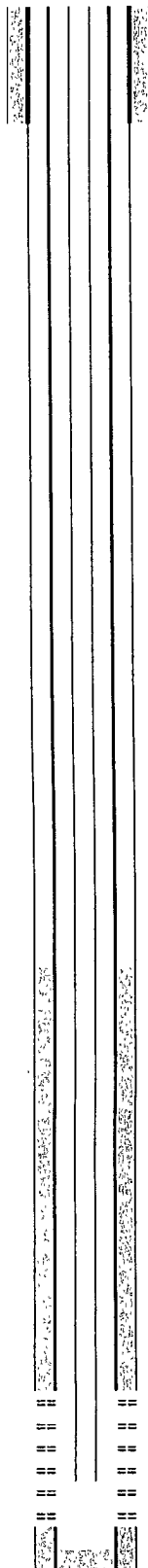
MAR 12 2008

CURRENT WELLBORE SKETCH

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

Date: Feb 7, 2008

RKB @ 3969'
DF @ 3968'
GL @ 3959'



11" Hole

7-5/8" 24# H-40 @ 325'
Cmt'd w/250 sx, circ 25 sx to surface

Top of Salt @ +/- 1507'

Base Salt @ +/- 2935'
TOC 4-1/2" Csg @ 2950' (Calc.)

EOT @ 4722'

4633 4634 4637
4640 4645 4646
4649 4650 4652 4659 4661
4665 4671 4675 4681
4701' - 4711'
4714 4723 4727

7-7/8" Hole
4-1/2" 11.6# J-55 @ 4790'
Cmt'd w/400 sx
TOC @ 2950' (Calc.)

PBTD. 4760'
TD 4794'

Subarea : Buckeye
Lease & Well No. : East Vacuum GB/SA Unit, Tract 0577, Well 005
Legal Description : 2310' FSL & 330' FWL, Sec. 5, T18S, R35E, NMPM Survey,
County : Lea State : New Mexico
Field : Vacuum (Grayburg-San Andres)
Date Spudded : 6/25/63 Rig Released: 7/13/63
API Number : 30-025-20363
Status:

Drilled as Shell State "VAA" No. 5 State Lease No. E-6504

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
4701-4711	7/16/63	Perforate 4701-4711 w/1 JSPF					
	7/17/63	15% NEA	3,000	Ball sealer 3000	1750	4.0	
	7/19/63	Set BP @ 4684'					
	7/19/63	Perforate 1 JSPF 4633, 4634, 4637, 4645, 4646, 4649, 4650, 4652, 4659 and 4661 (10 HOLES)					
4633-4661	7/19/63	15% NEA	2,000		2250	1600	4.8
	7/22/63	Pull BP @ 4684'					
4633-4711	9/12/63	Lease Crude	20,000	30,000	3500	2200	17.5
4633-4711	10/26/71	Gelled Brine Wtr	38,000	49,000	4100	1700	38.0
	2/27/73	Pmp 300 gals NEA down casing					
	9/20/77	Perforate 4640, 4665, 4671, 4675, 4681, 4714, 4723 & 4727					
4640-4727	9/20/77	Acid	5,500	66 BS		0	8.5
	12/22/05	Scan tubing, hang well on					

Formation Tops:

Rustler 1507'
Yates 2935'
7 Rivers 3274'
Queen 3896'
San Andres 4629'

ConocoPhillips Company

Proposed Plugging Procedure

East Vacuum GB/SA Tract 0577 #005

API #30-025-20363

Vacuum (Grayburg – San Andres)

Lea County, New Mexico

See attached wellbore diagrams for wellbore configuration

- Casings** 7 $\frac{5}{8}$ " 24# casing @ 325' cmt'd w/ 250 sx. TOC @ surface.
4 $\frac{1}{2}$ " 11.6# casing @ 4,790' cmt'd w/ 400 sx. TOC @ 2,950'. (Calc.)
- Perforations** 4,633 – 4,637', 4,640 – 4,646', 4,649 – 4,661', 4,665 – 4,681',
4,701 – 4,711', 4,714 – 4,727'
- Tubulars** 4,722' of 2 $\frac{3}{8}$ " production tubing
- 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. Set steel pit and flow down well as needed. Deliver 4,600' of 2 $\frac{3}{8}$ " workstring.
 2. MIRU plugging equipment. ND wellhead and NU 6" 3,000# manual BOP. POOH w/ 4,722' of 2 $\frac{3}{8}$ " production tubing.
 3. RIH w/ 4 $\frac{1}{2}$ " gauge ring on sandline if tubing anchor or packer is not pulled.
 4. RIH w/ HM tubing set CIBP to 4,583'. RU cementer and set CIBP @ 4,583'. Displace hole w/ 70 bbls plugging mud, and pump 25 sx C cmt (1.32 ft³/sk yield, 33 ft³ slurry volume, calculated fill 379' in 4 $\frac{1}{2}$ " 11.6# casing) balanced plug 4,583 – 4,204'. POOH w/ workstring.
 5. RU & test lubricator. RIH w/ wireline & perforate 4 $\frac{1}{2}$ " casing @ 3,035'. POOH w/ wireline.
 6. RIH w/ 4 $\frac{1}{2}$ " AD-1 packer on workstring to ~2,635'. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 40 sx C cmt (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 156" in 7 $\frac{7}{8}$ " openhole). WOC & tag this plug no lower than 2,935'. PUH w/ packer to ~1,100'. **Base of Salt Plug**
 7. RU & test lubricator. RIH w/ wireline & perforate 4 $\frac{1}{2}$ " casing @ 1,507'. POOH w/ wireline.
 8. Load hole w/ plugging mud, set packer, and establish rate. Squeeze 40 sx C cmt w/ 2% CaCl₂ (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 156" in 7 $\frac{7}{8}$ " openhole). WOC & tag this plug no lower than 1,407'. POOH w/ packer. **Top of Salt Plug**
 9. SI BOP and pressure test 4 $\frac{1}{2}$ " casing to 1,000 psi. Release pressure.
 10. RU & test lubricator. RIH w/ wireline and perforate 4 $\frac{1}{2}$ " casing @ 375'. POOH w/ wireline.
 11. If casing tested in #8, ND BOP & NU wellhead. Establish rate, circulate 80 sx C cmt (1.32 ft³/sk yield, 105.6 ft³ slurry volume, calculated fill 392' in 7 $\frac{5}{8}$ " 24# casing). If casing did not

test in #6, RIH w/ packer and squeeze this plug under packer. **Fresh Water and Surface Plug**

12. RDMO location.

13. 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 Feb 8, 2008

RKB @ 3969'
 DF @ 3968'
 GL @ 3959'

Subarea Buckeye
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	9/20/77	Acid	5,500	66 BS		0	8 5
	12/22/05	Scan tubing, hang well on					

11" Hole
7-5/8" 24# H-40 @ 325'
 Cmt'd w/250 sx, circ 25 sx to surface

Perf/sqz 80 sx C cmt 375 - surface

Perf/sqz 40 sx C cmt 1,507 - 1,407 WOC & TAG

Top of Salt @ +/- 1507'

Base Salt @ +/- 2935'
TOC 4-1/2" Csg @ 2950' (Calc.)

Perf/sqz 40 sx C cmt 3,035 - 2,935' WOC & TAG

25 sx C cmt 4,583 - 4,204'
 set CIBP @ 4,583', circulate plugging mud

4633 4634 4637
 4640 4645 4646
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7-7/8" Hole
4-1/2" 11.6# J-55 @ 4790'
 Cmt'd w/400 sx
 TOC @ 2950' (Calc.)

PBTD 4760'
 TD 4794'

Prepared by
 Triple N Services

PROPOSED PLUGS

- 1) Pull tubing, set CIBP @ 4,583', circulate plugging mud
- 2) 25 sx C cmt 4,583 - 4,204'
- 3) Perf/sqz 40 sx C cmt 3,035 - 2,935' WOC & TAG
- 4) Perf/sqz 40 sx C cmt 1,507 - 1,407' WOC & TAG
- 5) Perf/sqz 80 sx C cmt 375 - surface

Capacities

4-1/2" 11.6# csg	11 459 ft/ft3	0 0872 ft3/ft
	64.340 ft/bbl	0 0155 bbl/ft
7-5/8" 24# csg	3 715 ft/ft3	0 2691 ft3/ft
	20 860 ft/bbl	0 0479 bbl/ft
7-7/8" openhole	2 957 ft/ft3	0 3382 ft3/ft
	16 599 ft/bbl	0.0602 bbl/ft

Formation Tops:

Rustler	1507'
Yates	2935'
7 Rivers	3274'
Queen	3896'
San Andres	4629'