

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

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.)		WELL API NO. 30-025-31098 /
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other OBSERVATION WELL		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> /
2. Name of Operator ConocoPhillips Company ATTN: Celeste Dale /		6. State Oil & Gas Lease No. B-1608
3. Address of Operator 3300 N. "A" Street, Bldg. 6 #247, Midland, TX 79705-5406		7. Lease Name or Unit Agreement Name East Vacuum Grayburg San Andres Unit Tract 3332 /
4. Well Location Unit Letter <u>B</u> : <u>135</u> feet from the <u>North</u> line and <u>1,534</u> feet from the <u>East</u> line Section <u>33</u> Township <u>17-S</u> Range <u>35-E</u> NMPM Lea County		8. Well Number 003 /
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,952' GL; 3,965' RKB		9. OGRID Number 217817 /
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 WELLBORE DIAGRAMS.

Approval Of This Notice Of Intent Is Void
Without Approved Form C-144

The Oil Conservation Division **Must be notified**
24 hours prior to the beginning of plugging operations

RECEIVED
AUG 19 2008
HOBBS OCD

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 James F. Newman TITLE Area Manager, P&A Operations (Baisic Energy Services) DATE 08/16/08

Type or print name: James F. Newman P.E. E-mail address: James.Newman@BasicEnergyServices.com Telephone No. 432-687-1994
For State Use Only

APPROVED BY: James F. Newman TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE AUG 21 2008
Conditions of Approval (if any):

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

Date: July 2, 2008

RKB @ 3965.2'
 DF @ 3964.2'
 GL @ 3952.2'

Subarea	Buckeye	
Lease & Well No.	East Vacuum GB/SA Unit, Tract 3332, Well No. 003	
Legal Description	135' FNL & 1534' FEL, Sec 33, T7S, R35E, Unit Letter "B"	
County	Lea	State : New Mexico
Field	Vacuum (Grayburg-San Andres)	
Date Spudded :	1/15/91	Rig Released. 2/10/91
API Number	30-025-31098	
Status	<i>drilled as observation well, did not produce</i>	

Stimulation History:

<u>Interval</u>	<u>Date</u>	<u>Type</u>	<u>Gals</u>	<u>Lbs.</u> <u>Sand</u>	<u>Max</u> <u>Press</u>	<u>ISIP</u>	<u>Max</u> <u>Rate</u>	<u>Down</u>
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14-3/4" Hole

9-5/8" 36# J-55 ST&C @ 1617'
 Cmt'd w/1500 sx Class C cmt, circ 290 sx
 TOC @ Surface
 Top of Salt @ ~1,650'

Base Salt @ ~2,700'

Top of Fiberglass PZPF @ 4084'

Formation Tops:

Rustler
 Yates
 queen
 Grayburg
 San Andres

Btm of Fiberglass PZPF @ 4762'
 8-3/4" Hole
 5-1/2" 15.5# J-55 LT&C @ 4807'
 Cmt'd w/1830 sx Class C - lead cmt
 w/200 sx Class C - tail cmt, circ 180 sx to surf.
 TOC @ Surface

Casing Detail:

98 jts 5-1/2" 15 5# J-55 LT&C	4091.30'
23 jts 5-1/2" Star-Fiberglass csg	679.46'
1 jt 5-1/2 15 5# J-55 LT&C csg	42.40'

PBTD 4807'
 TD: 4807'

ConocoPhillips Company
East Vacuum Grayburg San Andres Unit 3322-003
API #30-025-31098
Vacuum Field
Lea County, New Mexico

Proposed Plugging Procedure

See attached wellbore diagrams for wellbore configuration

Casings: 9⁵/₈" 36 & 36# casing @ 1,617' cmt'd w/ 1,500 sx, circulated 290 sx
 5¹/₂" 15.5# casing @ 4,807' cmt'd w/ 2,030 sx, circulated 180 sx

Perforations: *none, drilled as observation well only*

Tubulars: none

- Contact NM Digtess (1-800-321-2537) minimum 48 hrs prior to move-in
- Notify NMOCD & BLM 48 hrs prior to move in, and 4 hrs prior to plugs
- Document daily tailgate safety meetings w/ crews
- Observe ConocoPhillips 10 – 2 – 4 work break program

5¹/₂" 15.50# casing capacity = 0.0238 bbls/ft = 7.483 ft/ft³
 9⁵/₈" 36# casing capacity = 0.0773 bbls/ft = 2.304 ft/ft³

1. Set steel pit and flow down well as needed.
2. MIRU coiled tubing unit & plugging equipment. ND wellhead and NU lubricator for 1¹/₂" coiled tubing.

HAZARDS	EFFECT	SOLUTIONS
Rigging up Plugging Equipment	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> • Check for overhead obstructions • Observe Safety procedures while rigging up • JSA
Lifting/Moving heavy equip.	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> • Inspect and use rated chains/slings • Proper hook/shackle placement
Static Electricity	<i>Injury to Personnel and Equipment</i>	<ul style="list-style-type: none"> • Ground Rig to Well-Bore
H ₂ S	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> • Monitoring equipment • Safety Plan • Emergency Contacts • All on site H₂S Trained

3. RIH w/ 1¹/₂" coiled tubing, tag PBTD @ ~4,800'. RU cementer and displace hole w/ 70 bbls plugging mud (casing capacity 114 bbls). Pump 90 sx C cmt w/ 2% CaCl₂ 4,800 – 3,911' (1.32 ft³/sk yield, 119 ft³ slurry volume, calculated fill 889' in 5¹/₂" 15.50# casing), displacing

w/ plugging mud. PUH w/ tubing and WOC. RIH w/ tubing and tag cmt no deeper than 3,984'. **Grayburg San Andres plug**

HAZARDS	EFFECTS	SOLUTIONS
Rotating equipment	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> Assure guards in place Proper hand placement
Mixing Plugging Mud	<i>Health Hazard</i>	<ul style="list-style-type: none"> Proper PPE Respiratory Protection
High pressure Pumping	<i>Injury to Personnel and Environmental Issues</i>	<ul style="list-style-type: none"> Establish & Use Safe Area Inspect all hoses/connections

4. PUH w/ tubing to 2,800'. Load hole w/ plugging mud and pump 25 sx C cmt 2,800 - 2,553' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5½" 15.50# casing) displacing w/ plugging mud. **Yates & Base of Salt plug**

HAZARDS	EFFECTS	SOLUTIONS
Rotating equipment	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> Assure guards in place Proper hand placement
High pressure Pumping	<i>Injury to Personnel and Environmental Issues</i>	<ul style="list-style-type: none"> Establish & Use Safe Area Inspect all hoses/connections

5. PUH w/ tubing to 1,670'. Load hole w/ plugging mud and pump 25 sx C cmt w/ 2% CaCl₂ 1,670 - 1,423' (1.32 ft³/sk yield, 33.0 ft³ slurry volume, calculated fill 247' in 5½" 15.50# casing) displacing w/ plugging mud. PUH w/ tubing and WOC. RIH w/ tubing and tag cmt no deeper than 1,567'. **Top of Salt & Surface casing shoe plug**

HAZARDS	EFFECTS	SOLUTIONS
Mixing CaCl ₂	<i>Health Hazard Inhalation Chemical burn</i>	<ul style="list-style-type: none"> Refer to MSDS Proper PPE
High pressure Pumping	<i>Injury to Personnel, Equipment and Environmental Issues</i>	<ul style="list-style-type: none"> Establish & Use Safe Area Inspect all hoses/connections

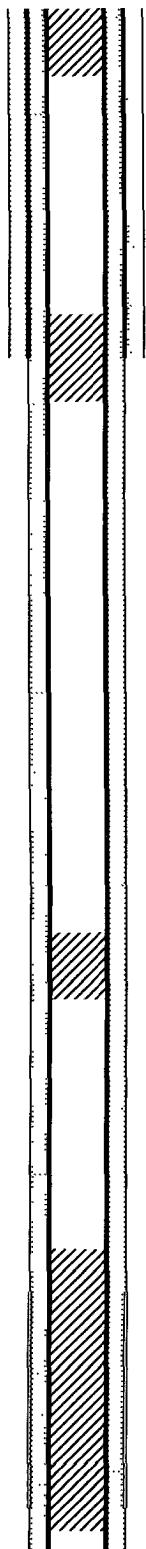
6. PUH w/ tubing to 400'. Circulate 45 sx C cmt 400' to surface (1.32 ft³/sk yield, 52.8 ft³ slurry volume, calculated fill 444' in 5½" 15.50# casing). **Freshwater & surface plug**
7. RDMO location. Empty & clean steel working pit. Haul fluids to approved disposal site per NMOCD Form C-144.
8. Cut off wellhead and anchors, install dry hole marker. Level location. Leave location clean and free of trash.

HAZARDS	EFFECTS	SOLUTIONS
Explosive Atmospheres	<i>Injury to personnel and Equipment Damage</i>	<ul style="list-style-type: none"> Digtess Excavation & Hot Work Permits Monitor Atmosphere
Cutting/Capping Wellhead	<i>Injury to Personnel</i>	<ul style="list-style-type: none"> Secure wellhead on site helper watching area
Grass/Brush Fires	<i>Injury to Personnel, Equipment & Land</i>	<ul style="list-style-type: none"> Clear area w/backhoe Fire watch Emergency Contacts

PROPOSED PLUGGED WELLBORE SKETCH
ConocoPhillips Company - Lower 48 - Mid-Continent BU / Permian Operations

Date: August 16, 2008

RKB @ 3965.2'
 DF @ 3964.2'
 GL @ 3952.2'



14-3/4" Hole

Circulate 45 sx C cmt 400' to surface

Subarea : Buckeye
 Lease & Well No. : East Vacuum GB/SA Unit, Tract 3332, Well No. 003
 Legal Description : 135' FNL & 1534' FEL, Sec. 33, T7S, R35E, Unit Letter "B"
 County : Lea State : New Mexico
 Field : Vacuum (Grayburg-San Andres)
 Date Spudded : 1/15/91 Rig Released : 2/10/91
 API Number : 30-025-31098
 Status : PROPOSED PLUGGED

Stimulation History:

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate
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drilled as observation well, did not produce

9-5/8" 36# J-55 ST&C @ 1617'

Cmt'd w/1500 sx Class C cmt, circ 290 sx

TOC @ Surface

Top of Salt @ ~1,650'

25 sx C cmt 1,670 - 1,423' TAG @ >1,567'



PROPOSED PLUGGING PROCEDURE

- 1) Tag PBTD, circulate plugging mud
- 2) 90 sx C cmt ~4,800 - 3,911' TAG @ >3,984'
- 3) 25 sx C cmt 2,800 - 2,553'
- 4) 25 sx C cmt 1,670 - 1,423' TAG @ >1,567'
- 5) Circulate 45 sx C cmt 400' to surface

Base Salt @ ~2,700'

25 sx C cmt 2,800 - 2,553'

Capacities

5 1/2" 15 50# csg:	7.483 ft/ft3	0.0238 bbls/ft
9 5/8" 36# csg:	2.304 ft/ft3	0.0773 bbls/ft
7 1/4" openhole	2.957 ft/ft3	0.0602 bbls/ft
8 3/4" openhole	2.395 ft/ft3	0.0744 bbls/ft
14 3/4" openhole	0.843 ft/ft3	0.2113 bbls/ft

Top of Fiberglass PZPF @ 4084'

Formation Tops:

Rustler
 Yates
 Queen
 Grayburg
 San Andres

90 sx C cmt ~4,800 - 3,911' TAG @ >3,984'
Tag PBTD, circulate plugging mud

Btm of Fiberglass PZPF @ 4762'

8-3/4" Hole

5-1/2" 15.5# J-55 LT&C @ 4807'

Cmt'd w/1830 sx Class C - lead cmt
 w/200 sx Class C - tail cmt, circ 180 sx to surf.

TOC @ Surface

Casing Detail:

98 jts 5-1/2" 15.5# J-55 LT&C	4091 30'
23 jts. 5-1/2" Star-Fiberglass csg	679.46'
1 jt 5-1/2 15 5# J-55 LT&C csg	42 40'

PBTD. 4807'
 TD 4807'