

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OCD**

**SEP 15 2014**

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State of New Mexico

Form C-101  
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

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AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

2014 SEP -2 P 1:51

**V**

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

CONOCOPHILLIPS COMPANY P10-3093 600 North Dairy Ashford Rd. Houston, Texas 77079		Operator Name and Address		OGRID Number 217817	
Property Code <b>31172</b>		Property Name EAST VACUUM GBSA UNIT		API Number <b>30-025-42112</b>	
				Well No. 510	

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
F	33	17S	35E		1449	NORTH	1475	WEST	LEA

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

**9. Pool Information**

Pool Name <del>EAST VACUUM GBSA UNIT</del>	Pool Code 62180
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**Additional Well Information**

11. Work Type New Well	12. Well Type Oil	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3945
16. Multiple N	17. Proposed Depth ** 5088 MD/5080 TVD	18. Formation Grayburg/San Andres	19. Contractor	20. Spud Date 01/14/2015
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits \*\*Allow up to 10 feet of rathole

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	12-1/4"	9-5/8"	26#	1588'	750	Surface
Production	8-3/4"	7"	23#	5087'	1200	Surface

**Casing/Cement Program: Additional Comments**

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	Townsend
Double Ram	3000	3000	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC  and/or 19.15.14.9 (B) NMAC  if applicable.

Signature:

*Deborah M Upson*

Printed name: Deborah M Upson

Title: Senior Regulatory Specialist

E-mail Address: debi.m.upson@conocophillips.com

Date: August 28, 2014

Phone: (281) 206-5356

OIL CONSERVATION DIVISION

Approved By:

*[Signature]*

Title:

Petroleum Engineer

Approved Date:

09/15/14

Expiration Date:

09/15/16

Conditions:

E-PERMITTING -- New Well   
 Comp \_\_\_ P&A \_\_\_ TA \_\_\_  
 CSNG \_\_\_ Loc Chng \_\_\_  
 ReComp \_\_\_ Add New Well \_\_\_  
 Cancl Well \_\_\_ Create Pool \_\_\_

**SEP 17 2014**

## Closed Loop System Design, Operating and Maintenance, and Closure Plan

ConocoPhillips Company

Well: East Vacuum Graybury San Andres Unit (EVGBSA) No. 510

Location: Sec. 33, T17S, R35E

Date: 8/28/2014

ConocoPhillips proposes the following plan for design, operating and maintenance, and closure of our proposed closed loop system for the above named well:

1. We propose to use a closed loop system with steel pits, haul-off bins, and frac tanks for containing all cuttings, solids, mud, water, brine, and liquids. We will not dig a pit, nor will we use a drying pad, nor will we build an earth pit above ground level, nor will we dispose of or bury any waste on location.

All drilling waste and all drilling fluids (fresh water, brine, mud, cuttings, drill solids, cement returns, and any other liquid or solid that may be involved) will be contained on location in the rig's steel pits or in haul-off bins or in frac tanks as needed. The intent is as follows:

- We propose to use the rigs' steel pits for containing and maintaining the drilling fluids.
- We propose to remove cuttings and drilled solids from the mud by using solids control equipment and to contain such cuttings and drilled solids on location in haul-off bins.
- We propose that any excess water that may need to be stored on location will be stored in tanks.

**The closed loop system components will be inspected daily by each tour and any needed repairs will be made immediately. Any leak in the system will be repaired immediately, and any spilled liquids and/or solids will be cleaned immediately, and the area where any such spill occurred will be remediated immediately.**

2. Cuttings and solids will be removed from location in haul-off bins by an authorized contractor and disposed of at an authorized facility. For this well, we propose the following disposal facility:

R-360 Inc.  
4507 West Carlsbad Hwy, Hobbs, NM 88240,  
P.O. Box 388; Hobbs, New Mexico 88241  
Toll Free Phone: 877.505.4274, Local Phone Number: 432.638.4076

The physical address for the plant where the disposal facility is located is Highway 62/180 at mile marker 66 (33 miles East of Hobbs, NM and 32 miles West of Carlsbad, NM).

The Permit Number for R-360 is NM-01-0006.

A photograph showing the type of haul-off bins that will be used is attached.

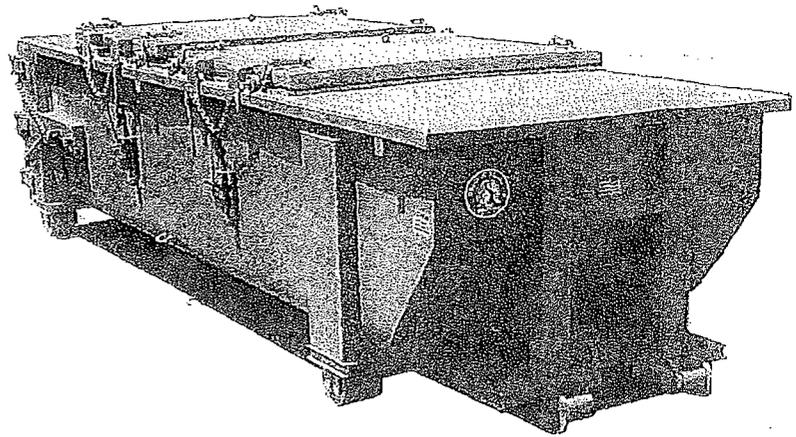
3. Mud will be transported by vacuum truck and disposed of at R-360 Inc. at the facility described above.
4. Fresh Water and Brine will be hauled off by vacuum truck and disposed of at an authorized salt water disposal well. We propose the following for disposal of fresh water and brine as needed:
  - Nabors Well Services Company, 3221 NW County Rd; Hobbs, NM 88240, PO 5208 Hobbs, NM, 88241, Permit SWD 092. (Well Location: **Section 3, T19S R37E**)
  - Basic Energy Services, P.O. Box 1869; Eunice, NM 88231 Phone Number: 575.394.2545, Facility located at Hwy 18, Mile Marker 19; Eunice, NM.

Steven Herrin  
Drilling Engineer  
Office: 281-206-5115  
Cell: 432-209-7558

# SPECIFICATIONS

## Heavy Duty Split Metal Rolling Lid

**FLOOR:** 3/16" PL one piece  
**CROSS MEMBER:** 3 x 4-1 channel 16" on center  
**WALLS:** 3/16" PL solid welded with tubing top, inside liner hooks  
**DOOR:** 3/16" PL with tubing frame  
**FRONT:** 3/16" PL slant formed  
**PICK UP:** Standard cable with 2" x 6" x 1/4" rails, gusset at each crossmember  
**WHEELS:** 10" DIA x 9" long with rease fittings  
**DOOR LATCH:** 3 independent ratchet binders with chains, vertical second latch  
**GASKETS:** Extruded rubber seal with metal retainers  
**WELDS:** All welds continuous except substructure crossmembers  
**FINISH:** Coated inside and out with direct to metal, rust inhibiting, acrylic enamel color coat  
**HYDROTESTING:** Full capacity static test  
**DIMENSIONS:** 22'-11" long (21'-8" inside), 99" wide (88" inside), see drawing for height  
**OPTIONS:** Steel grit blast and special paint, Ampliroll, Hail and Dino pickup  
**ROOF:** 3/16" PL roof panels with tubing and channel support frame  
**LIDS:** (2) 68" x 90" metal rolling lids spring loaded, self raising  
**ROLLERS:** 4" V-groove rollers with delrin bearings and grease fittings  
**OPENING:** (2) 60" x 82" openings with 8" divider centered on container  
**LATCH:** (2) independent ratchet binders with chains per lid  
**GASKETS:** Extruded rubber seal with metal retainers



CONT.	A	B
20 YD	41	53
25 YD	53	65
30 YD	65	77

