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District IV
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State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

¹ Operator Name and Address CONOCOPHILLIPS COMPANY 600 N. DAIRY ASHFORD, EC3-10-W284 HOUSTON, TEXAS 77079		² OGRID Number 217817
⁴ Property Code 31146		³ API Number 30-025-33928
⁵ Property Name EAST VACUUM GBSA UNIT		⁶ Well No. 136

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
	33	17S	35E		2175	NORTH	336	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 EAST VACUUM GBSA UNIT	Pool Code 62180
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Additional Well Information

¹¹ Work Type ADD A NEW ZONE	¹² Well Type OIL	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type STATE	¹⁵ Ground Level Elevation 3948
¹⁶ Multiple	¹⁷ Proposed Depth 8179'	¹⁸ Formation VACUUM	¹⁹ Contractor	²⁰ Spud Date 09/18/1997
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

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
SURFACE	17 1/2"	13 3/8"	54.5#	1647'	1550 sx	SURFACE
INTERMEDIATE	11"	8 5/8"	24/32#	4700'	2050 sx	1440' TOC
PRODUCTION	7 7/8"	5 1/2"	17/20#	8179'	2120 sx	SURFACE

Casing/Cement Program: Additional Comments

Please see the attached summary and procedure.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: <i>Kristina Mickens</i> Printed name: KRISTINA MICKENS Title: Sr. Regulatory Coordinator E-mail Address: Kristina.Mickens@cop.com Date: 03/23/2017	OIL CONSERVATION DIVISION	
	Approved By: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approved Date: <i>04/07/17</i>	Expiration Date: <i>04/07/19</i>
	Conditions of Approval Attached	

EAST VACUUM GBSA UNIT 136

API# 30-025-33928

Location: Sec 33, 17S, 35E

ConocoPhillips Company respectfully requests to abandon the lower zone of the subject well and recomplete to the unitized formation of the East Vacuum GBSA Unit. The well associated with the subject API number is the Santa Fe 136, however with recompleting to the unitized formation of the East Vacuum GBSA Unit, we request to change the well name to the East Vacuum GBSA Unit 136. A Sundry Notice (C-103) has submitted for the well name change under a separate cover. A bridge plug will be set above existing perforations and cemented in place and then the well will be recompleted to the San Andres formation as part of the TZ/ROZ development program.

1. MIRU WSU
2. TOOH with rods and pump, laying down rods.
3. NDWH, NUBOP.
4. Release TAC & TOOH with tubing. Lay down TAC and tubing.
5. MI 2-7/8" workstring. PU & TIH with workstring and bit & scraper sized for 5.5", 17# casing. Clean out down to ~ 6,580' (just below plug setting location). POOH w/ bit and scraper.
6. PU & TIH with CIBP for 5.5" 17# casing. Set plug @ ~6,565' (~50' above top perf). Test CIBP/casing to 500 psi to confirm it is holding.
7. Circulate fresh water to surface.
8. Cap CIBP w/10sx class C cement. Pull EOT to 6200' (TOC: ~6464'). SD minimum 4 hr. RIH and tag cement. POOH.
9. NDBOP. NUWH. RU wireline and lubricator. RIH with CIBP and set @ 5,000'.
10. RIH with GR/CCL and perf guns to perforate the TZROZ section (~4,600' - 4,850'). Correlate with Neutron/Gamma log dated 10/29/1997. Pull fired perf guns. RD wireline.
11. NDWH, NUBOP. RIH w/packer and tubing to ~4,600'. Set packer. Load annulus and pressure test to 500 psi. RU acid pumps. Acidize perforated interval with ~15,000 gallons of 15% HCl using ball sealers for diversion. Treat at 3 bpm 2000 psi max.
12. POOH with tubing and packer.
13. PU & RIH with SLB ESP design on 2-7/8" TK-99 tubing.
14. RDMO. Clean location and release all rental equipment.