

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: (575) 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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

AMENDED REPORT

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

¹ Operator Name and Address CHEVRON USA INC 6301 Deauville Blvd. Midland, TX 79706		² OGRID Number 4323
		³ API Number 70-025-44221
⁴ Property Code 30022	⁵ Property Name VACUUM GRAYBURG SAN ANDRES UNIT	⁶ Well No. 019 R

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	1	S-18	E-34		1297'	FSL	2463'	FWL	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
N	1	S-18	E-34		210	FSL	1,420	FWL	LEA

9. Pool Information

Pool Name VACUUM: GRAYBURG-SAN ANDRES	Pool Code 62180
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Additional Well Information

¹¹ Work Type N	¹² Well Type M	¹³ Cable/Rotary	¹⁴ Lease Type State	¹⁵ Ground Level Elevation 3,988
¹⁶ Multiple Yes	¹⁷ Proposed Depth 4200' TVD	¹⁸ Formation San Andres	¹⁹ Contractor Nabors	²⁰ Spud Date
Depth to Ground water: 250'		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
Surf	17-1/2"	13-3/8"	54.5#	450'	403	Surface
Int. 1	12-1/4"	9-5/8"	43.5#	1,500'	519	Surface
Prod	8-1/2"					

Casing/Cement Program: Additional Comments

Surf - 403 sacks 14.8 lb./gal Class C, yield 1.33 cu ft./sack, mix water 6.37 gal/sack, cement 94 lb./sack BWOB
 Int. Lead - 275 sacks 12.8 lb./gal 35:65 Class C, yield 1.76 cu ft./sack, mix water 9.37 gal/sack, cement 61.16 lb./sack BWOB, extender 25.84 lb./sack BWOB, anti-foam 0.02 gal/sack VBWOB, extender 1.5% BWOB, lost circ. 0.08 lb./sack WBWOB, CaCL2 2% BWOB
 Int. tail - 244 sacks 14.8 lb./gal Class C, yield 1.33 cu ft./sack, mix water 6.37 gal/sack, cement 94 lb./sack BWOB

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5,000	3,500	
Pipe/Blind Rams	5,000	5,000	

<p>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 type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/>, if applicable. Signature: <i>Michael Stewart</i></p> <p>Printed name: Michael Stewart</p> <p>Title: Production Engineer</p>	<p>OIL CONSERVATION DIVISION</p> <p>Approved By: <i>[Signature]</i> Petroleum Engineer</p> <p>Title:</p> <p>Approved Date: <i>11/29/17</i> Expiration Date: <i>11/29/19</i></p>
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E-mail Address: michael.stewart@chevron.com

Date: 11/29/17

Phone: 432-687-7431

Conditions of Approval Attached