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District IV
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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

HOBBS OCD
AUG 20 2018
RECEIVED

AMENDED REPORT

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

¹ Operator Name and Address CHEVRON US INC 6301 DEAUVILLE BLVD MIDLAND, TX 79706		² OGRID Number 4323
⁴ Property Code 29944		³ Property Name G W SIMS
		⁵ API Number 30-025-35502
		⁶ Well No. 05

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
B	09	23S	37E		990	N	2310	E	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

⁹ Pool Name Langlie Mattix-7Rvs-Q-Grayburg and Teague Glorieta Upper Paddock	⁹ Pool Code 37240/58595
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Additional Well Information

¹¹ Work Type P	¹² Well Type O	¹³ Cable/Rotary	¹⁴ Lease Type PRIVATE	¹⁵ Ground Level Elevation 3310'
¹⁶ Multiple Y	¹⁷ Proposed Depth 7250'	¹⁸ Formation Grayburg/Glorieta	¹⁹ Contractor	²⁰ Spud Date
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
			NO CHANGE			

Casing/Cement Program: Additional Comments

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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 and/or 19.15.14.9 (B) NMAC , if applicable.

Signature: *Cindy Herrera-Murillo*

Printed name: CINDY HERRERA-MURILLO

Title: PERMITTING SPECIALIST

E-mail Address: CHERRERAMURILLO@CHEVRON.COM

Date: 08/10/2018

Phone: 575-263-0431

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: *08/23/18*

Expiration Date: *08/23/20*

Conditions of Approval Attached

Requires DHC

Petroleum Engineer

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Short Procedure: GW Sims 5 - Recomplete to Grayburg and Glorieta

Background: Plugback the Tubb/Drinkard/Abo and re-complete into the Glorieta & Grayburg.

It is up to the WSM, Workover Engineer, Superintendent, and Production Engineer to make the decisions necessary to safely do what is best for the well.

Contacts:	Matt DeFriend	Workover Engineer	985-237-8017
	Scott Miller	Workover Superintendent	432-687-7990
	Ashlyn Karchner	Production Engineer	432-687-7801

WellSafe Procedure Required: No.

Short Procedure: Refer to the MMWW standard procedure for requirements and general procedure for job. Also, utilize the fields specific Well Planning Tool for field best practices.

1. MIRU workover rig and equipment. Uncover casing valves. Check pressure on all casing strings (including bradenhead). **Record tubing and casing pressures every day on the WellView report.**
Verify whether tubing head is 3K or 5K.

2. Bleed off pressure. Kill well with 10 ppg or less KMW if necessary.

NOTE: Unless there is a well control event do not pump heavier than 10 ppg KWF. Confirm with workover engineer and superintendent that well is WellSafe certified prior to pumping mud.

3. N/U Rod BOP (**WSEA 8A**). POOH with rods and pump. Visually inspect rods for wear, scale, and paraffin while pulling out of the hole with rods. Replace any failed equipment. Report condition to ALCR and workover engineer.
4. Set BPV in hanger (**WSEA 10A**), if possible. N/D tree. N/U BOP with 2-7/8" pipe rams on top of blind rams (**WSEA 8B**). Pull BPV, set TWC. Close pipe rams and test BOPE to 250 psi low/500 psi high. Pull TWC.

NOTE: If BPV cannot be set, the well must be monitored for flow for 15 minutes or longer before installing BOP. Document in Wellview that no BPV profile is available.

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5. Caliper elevators and document in WellView. Attempt to unset TAC with right-hand rotation; **if unsuccessful, communicate with workover engineer**. Scan out with 2-7/8" production tubing, laying down all non-yellow band. See WBD-current tab for details.
6. Pick up and TIH open ended on 2-7/8" L80 workstring. TIH to 7038' (bottom of Abo). Break circulation and MIRU cementers. Mix and pump 125 sx cement (22 bbl) with 40% excess across Abo, Drinkard & Tubb, POOH. WOC and pressure test plug and casing to 500 psi for 30 min (**WSEA 10B**).
8. MIRU E-line and lubricator. Test Lubricator to 500 psi for 15 minutes. P/U 4 SPF 120 deg. phasing guns and RIH and perforate intervals listed below. POOH with guns and ensure all charges fired. RDMO with e-line and equipment.
Proposed Perf Intervals:
5138' - 5146'; 5154' - 5158'; 5164' - 5170'; 5178' - 5188'; 5234' - 5242'; 5370' - 5378'

NOTE: Engineer will send correlation log prior to R/U E-line.

9. P/U and hyrotest in hole with 5-1/2" treating packer on 2-7/8" workstring and set packer at ~5100'. Load and test the annulus to 500 psi for 5 mins.

NOTE: Preliminary test to determine packer integrity.

10. MIRU Petroplex. Perform acid job with 15% NEFE HCL in stages diverting with rock salt per Petroplex proposal. Release packer and TOH.
11. Unset packer and TOH and laying down packer and workstring.
12. P/U notch collar and TIH on 2-7/8" workstring. Wash salt off perfs, TOH.
13. P/U production BHA and TIH. Consult with ALCR on BHA wanted. Setting depth will be based on conditions of the well. See attachments tab for details.

NOTE: Determine TAC setting rotation direction (normally sets with left-hand rotation), and while TIH turn the tubing string the OPPOSITE direction 3 times every 1000' to prevent premature setting and wear to the drag slips. Determine tension setting value with ALCR. Shear value should NOT exceed 80% of the tubing tensile string weight.

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14. Set BPV (**WSEA 10H**). N/D BOP. N/U Tree and test void to 500 psi for 15 minutes (**WSEA 10I**). Pull BPV.

NOTE: If BPV cannot be set, the well must be monitored for flow for 15 minutes or longer before installing production tree.

15. N/U Rod BOP (**WSEA 8C**). P/U and RIH with rods per ALCR's design. Test stuffing box to 500 psi for 15 minutes (**WSEA 10J**).
16. Notify production personal in field office and contact pumper that well is ready for pumping. Complete Ownership Transfer Document from D&C to Operations. RDMO workover rig and equipment. **ENSURE LOCATION IS CLEAN.**