

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

HOBBS OCD
OCT 11 2016
RECEIVED

AMENDED REPORT

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

| | | |
|--|--|------------------------------------|
| Operator Name and Address Rockcliff Operating New Mexico LLC 1301 McKinney, Suite 1300 Houston TX 77010 (713) 351-0500 | | OGRID Number 371115 |
| Property Code 316875 | | API Number 30-005- 29215 |
| Property Name Humboldt State 15 STATE | | Well No. 1H |

7. Surface Location

| | | | | | | | | | |
|---------------|---------------|----------------|--------------|---------|------------------|---------------|-------------------|---------------|------------------|
| UL - Lot N | Section 15 | Township 8S | Range 32E | Lot Idn | Feet from 120 | N/S Line S | Feet From 2200 | E/W Line W | County Chaves |
|---------------|---------------|----------------|--------------|---------|------------------|---------------|-------------------|---------------|------------------|

8. Proposed Bottom Hole Location

| | | | | | | | | | |
|---------------|---------------|----------------|--------------|---------|------------------|---------------|-------------------|---------------|------------------|
| UL - Lot C | Section 15 | Township 8S | Range 32E | Lot Idn | Feet from 330 | N/S Line N | Feet From 2200 | E/W Line W | County Chaves |
|---------------|---------------|----------------|--------------|---------|------------------|---------------|-------------------|---------------|------------------|

9. Pool Information

| | |
|---|---------------------------------|
| Pool Name CHAUAROO Tomahawk; San Andres | Pool Code 12049 59469 |
|---|---------------------------------|

Additional Well Information

| | | | | |
|--|--|--|--|---|
| ¹¹ Work Type N | ¹² Well Type O | ¹³ Cable/Rotary R | ¹⁴ Lease Type S | ¹⁵ Ground Level Elevation 4386' |
| ¹⁶ Multiple N | ¹⁷ Proposed Depth TVD: 4126' & MD: 8829' | ¹⁸ Formation San Andres | ¹⁹ Contractor to be determined | ²⁰ Spud Date upon approval |
| Depth to Ground water 70' in RA 12225 | | Distance from nearest fresh water well 3900' E of Sweetwater Well (not in SEO data) | | Distance to nearest surface water ~3/4 mile SW of sinkhole |

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 | 12.25" | 9.625" | 36 | 1845' | 670 | GL |
| Top Produc | 8.75" | 7" | 32 | 3776' | 207 | 1245 |
| Bot Produc | 8.75" | 5.5" | 23 | 8829' | 965 | |

Casing/Cement Program: Additional Comments

| |
|--|
| |
|--|

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|----------------|------------------|---------------|------------------|
| annular & rams | 2000 psi | 2000 psi | to be determined |

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:

Brian Wood

Printed name: Brian Wood

Title: Consultant

E-mail Address: brian@permitswest.com

Date: 10-7-16

Phone: 505 466-8120

OIL CONSERVATION DIVISION

Approved By:

[Signature]

Title:

Petroleum Engineer

Approved Date: 10/12/16

Expiration Date: 10/12/18

Conditions of Approval Attached