

MAR 04 2014

**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, Arice, NM 87410  
Phone: (505) 334-6175 Fax: (505) 334-6176**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

RECEIVED

ARMENDED REPORT

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

|                                                                                                         |                                  |                                                        |
|---------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------|
| Operator Name and Address<br><b>LEGACY RESERVES OPERATING LP<br/>PO BOX 10848<br/>MIDLAND, TX 79702</b> |                                  | OGRID Number<br>240974                                 |
| Property Code<br>312454                                                                                 | Property Name<br>Cooper Jal Unit | API Number<br>30 - 025 - 41764<br>Well No.<br>2429 603 |

## 7. Surface Location

|               |               |                  |               |         |                  |               |                   |               |               |
|---------------|---------------|------------------|---------------|---------|------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>O | Section<br>24 | Township<br>24-S | Range<br>36-E | Lot Idn | Feet from<br>675 | N/S Line<br>S | Feet From<br>2575 | E/W Line<br>E | County<br>Lea |
|---------------|---------------|------------------|---------------|---------|------------------|---------------|-------------------|---------------|---------------|

## \* 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<br>Jalmat: Tan-Yates-7 Rvrs (oil)<br>Langlie Mattix: 7 Rvrs-Q-Graburg | Pool Code<br>33820<br>37240 |
|---------------------------------------------------------------------------------|-----------------------------|

## Additional Well Information

|                           |                            |                                        |                                         |                                    |
|---------------------------|----------------------------|----------------------------------------|-----------------------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>Oil       | 13. Cable/Rotary<br>Rotary             | 14. Lease Type<br>Private               | 15. Ground Level Elevation<br>3315 |
| 16. Multiple<br>Y         | 17. Proposed Depth<br>3850 | 18. Formation<br>Queen                 | 19. Contractor<br>Basic Energy Services | 20. Spud Date<br>4/1/2014          |
| 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 |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25     | 8.875       | 24               | 1200          | 590             | 0             |
| Prod | 7.875     | 5.5         | 15.5             | 3850          | 605             | 0             |

## Casing/Cement Program: Additional Comments

1. MIRU Drilling Rig. MIRU Closed Loop Mud System. 2. Drill 12 1/4" hole to 1200'. 3. Land 8 3/4" casing & cement to surface. 4. NU Cameron Style BOP w/Blind & Annular Rams. Test to 5000 psig. 5. Drill 7 7/8" hole to 3850'. 6. Land 5 1/2" casing & cement to surface. 7. Release Rig & prep to complete.

## 22. Proposed Blowout Prevention Program

| Type                 | Working Pressure | Test Pressure | Manufacturer |
|----------------------|------------------|---------------|--------------|
| Double Ram w/Annular | 5000             | 5000          | Cameron      |

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:

Printed name: Shawn Young

Title: Engineering Manager

E-mail Address: Syoung@legacyp.com

Date: 3/3/2014

Phone: 281.465.8387

## OIL CONSERVATION DIVISION

Approved By:

Title:

Petroleum Engineer

Approved Date:

04/02/14

Expiration Date:

04/02/16

Conditions of Approval Attached

APR 02 2014

K2

CJU #24-29

### Wellbore Diagram

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|            |                    |
|------------|--------------------|
| Hole Size: | 12-1/4"            |
| Surf. Csg: | 8-5/8" - 24#, J-55 |
| Set @      | 1200'              |
| Cement w/  | 590 sxs Class C    |
| Circ:      | Yes                |
| TOC:       | Surface            |

|              |                      |
|--------------|----------------------|
| Hole Size:   | 7-7/8"               |
| Prod. Csg:   | 5-1/2" - 15.5#, J-55 |
| Set @        | 3850'                |
| Cement Lead: | 340 sxs 50/50 POZ C  |
| Tail:        | 265 sxs Class C      |
| Circ:        |                      |
| TOC:         | Surface              |

Pumping Unit:  
Updated: 2/13/14 MLS

|      |              |
|------|--------------|
| PBTD | 3810'        |
| TD   | <u>3850'</u> |