

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103  
Revised July 18, 2013

|                                                                                                     |              |
|-----------------------------------------------------------------------------------------------------|--------------|
| WELL API NO.                                                                                        | 30-025-45691 |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |              |
| 6. State Oil & Gas Lease No.                                                                        |              |
| 7. Lease Name or Unit Agreement Name<br>Encore M State                                              |              |
| 8. Well Number                                                                                      | 024          |
| 9. OGRID Number                                                                                     | 370080       |
| 10. Pool name or Wildcat                                                                            |              |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)                                                  | 3377'        |

|                                                                                                                                                                                                        |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                         |  |
| 2. Name of Operator<br>Breitburn Operating LP                                                                                                                                                          |  |
| 3. Address of Operator<br>1111 Bagby Street, Suite 1600 Houston, TX 77002                                                                                                                              |  |
| 4. Well Location<br>Unit Letter K : 1356 feet from the South line and 2316 feet from the West line<br>Section 20 Township 22S Range 37E NMPM County Lea                                                |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3377'                                                                                                                                            |  |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                                   |                                           | SUBSEQUENT REPORT OF:                                       |                                          |
|-----------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/>                      | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>              | CHANGE PLANS <input type="checkbox"/>     | COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>             | MULTIPLE COMPL <input type="checkbox"/>   | CASING/CEMENT JOB <input checked="" type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>               |                                           |                                                             |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>               |                                           |                                                             |                                          |
| OTHER: <input type="checkbox"/>                           |                                           | OTHER: <input type="checkbox"/>                             |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Breitburn Operating LP would like to complete the Stage 3 Lower Blinbry.

This will be a vertical test well to evaluate horizontal drilling options for the Lower Blinbry formation. This completion phase encompasses fracture stimulating selective perfs in the Lower Blinbry and testing same. Extended testing and evaluation is planned to determine the viability of horizontally exploiting the Lower Blinbry. Subsequent completion options in the Upper Blinbry to follow.

Spud Date:

5-6-2019

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlotte Nash Digitally signed by Charlotte Nash  
DN: cn=Charlotte Nash, o=Breitburn Operating LP,  
ou=Regulatory,  
email=charlotte.nash@mavresources.com, c=US  
Date: 2020.01.21 07:16:11 -0800 TITLE Regulatory Analyst DATE 1-12-2020

Type or print name Charlotte Nash E-mail address: charlotte.nash@mavresources.com PHONE: 713-632-8730

For State Use Only

APPROVED BY: [Signature] TITLE  DATE 01/21/2020  
Conditions of Approval (if any):

## PROPOSED PROCEDURE

1. Kill well w/treated FSW as req'd to prep for BOPE installation. NU 5M BOPE. Test 250 Low/5,000 psi High.
2. Rel TAC and POOH with tbq.
3. GIH w/4.50" gauge ring/junk basket/CCL to 6,520 ft (Drinkard perfs 6,526-6,546 ft). Correlate w/GR/CBL/CCL Jarrel Services CHL date 6/16/2019.
4. GIH w/5-1/2" 23# composite bridge plug/setting tool/CCL. Set CBP @ 6,165 ft.
5. Dump bail 20 ft cement on top of CBP @ 6,145 ft. Plan to let cement set up overnight in preparation for casing test.
6. MIRU pump truck. Test casing and 5-1/8" 10M frac valve to 7,500 psi. Monitor and chart the 5-1/2" x 9-5/8" annulus while pressure testing the 5-1/2" casing

### **SPOT ACID, PERF LOWER BLINEBRY, AND ACIDIZE**

7. NU BOPE. Test BOPE 250 Low/5,000 psi High.
8. MIRU acid pump truck and 4,000 gals 15% HCL + additives. Spot 10 bbls acid for perforating (474 ft inside 5-1/2" casing) from 5,991 – 5,517 ft. POOH w/tbg.
9. RU full lubricator w/packoff for pressure control. PU and GIH w/3-3/8" SHC loaded 6 SPF, 60 deg phase, EHD = 0.40", Pen = 41".. Perf Lwr Blinebry 5,904-5,991 ft as per schedule below. Monitor 5-1/2" SICP after perforating and report to Houston office.

| DEPTH              | PERF/FT | PHASE     | GUN LENGTH |
|--------------------|---------|-----------|------------|
| 5904               | 1       | 60        | 10 FT      |
| 5905               | 1       |           |            |
| 5906               |         |           |            |
| 5907               | 1       |           |            |
| 5908               | 1       |           |            |
| 5909               | 1       |           |            |
| 5910               | 1       |           |            |
| 5960               | 2       | 60        | 2 FT       |
| 5961               | 1       |           |            |
| 5962               | 1       |           |            |
| 5963               | 2       | 60        | 10 FT      |
| 5964               | 1       |           |            |
| 5965               | 1       |           |            |
| 5966               | 2       |           |            |
|                    |         |           |            |
| 5969               | 2       |           |            |
| 5970               | 1       |           |            |
| 5971               | 1       |           |            |
| 5974               | 2       | 60        | 20 FT      |
| 5975               | 1       |           |            |
| 5976               | 2       |           |            |
| 5977               | 1       |           |            |
| 5978               | 2       |           |            |
|                    |         |           |            |
| 5985               | 2       |           |            |
| 5986               | 1       |           |            |
| 5987               | 1       |           |            |
|                    |         |           |            |
| 5989               | 2       |           |            |
| 5990               | 1       |           |            |
| 5991               | 1       |           |            |
| <b>TOTAL PERFS</b> |         | <b>36</b> |            |

10. RU acid pump truck to pump down 5-1/2" casing and monitor 5-1/2" x 9-5/8" annulus. Establish injection down 5-1/2" casing w/treated water and break down perfs. Once rate stabilized swap over to acid and pump remaining 85 bbls 15% HCL + 100 low-temp bio ball sealers.
11. Displace acid w/140 bbls treated water at max rate allowable.

#### **NU FRAC STACK, SET FRAC TANKS, SPOT FRAC SPREAD, AND FLOWBACK**

12. Test all valves and connections to 8,500 psi with test pump.
13. Walk out location with frac service coordinator and spot 500 bbl lined frac tanks for water and acid as required. Spot 1- flowback tank for prime up/flow back.
14. Fill each frac tank individually with clean dedicated water source.
15. RU dual choke flow back manifold with 2" steel lines to test tank.
16. Test all flowback iron from well to manifold to 8M psi.
17. Test lines to 8,500 psi. Set the in-line pop-off at 7,500 psi and stagger pump trips from 7,300 to 7,500 psi.

#### **PUMP LOWER BLINEBRY FET AND FRAC TREATMENT**

18. Establish an injection rate at a stabilized pressure. Walk up to design rate of 70 BPM and clear perfs with 50 bbls treated water with step rate test at end.
19. Pump Lower Blinebry treatment as per pump schedule. Continue to maintain strict QA/QC control during frac ops. Flush treatment with treated water
20. Record final ISIP 15 min SICP. Report 5, 10, 15 min SICP.
21. Begin flowback as per choke schedule provided by Houston Office or prep to run rod pump BHA.