

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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-105
Revised April 3, 2017

1. WELL API NO. 30-025-449685

2. Type of Lease
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Encore M State

6. Well Number: 022

7. Type of Completion:
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator
Breitburn Operating LP

9. OGRID
370080

10. Address of Operator
1111 Bagby Street, Suite 1600
Houston, TX 77002

11. Pool name or Wildcat
Abo

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	P	20	22S	37E		860	South	760	East	Lea
BH:	P	20	22S	37E		860	South	760	East	Lea

13. Date Spudded
11-3-2018

14. Date T.D. Reached
11-18-2018

15. Date Rig Released
11-18-2018

16. Date Completed (Ready to Produce)
12-18-2018

17. Elevations (DF and RKB, RT, GR, etc.)
3359 GR

18. Total Measured Depth of Well
7640

19. Plug Back Measured Depth

20. Was Directional Survey Made?

21. Type Electric and Other Logs Run
CNL; CBL, GR; CCL

22. Producing Interval(s), of this completion - Top, Bottom, Name
Abo (6661-7127) 6750-6770-Perfs

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.50# J-55	1220	17.5	780 sks	
9 5/8	40# J-55	4557	12 1/4	Stg1: 573 sks; Stg2: 889 sks	
5 1/2	23# L-50	7640	8 3/4	Stg1: 468 sks; Stg2: 534 sks	

24. LINER RECORD

25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)
6750-6770 (6spf @ 0.41" x 38")

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL
6750-6770
AMOUNT AND KIND MATERIAL USED
337 bbls 15% HCL, 2662 bbls 15# XL & 78 mlbs 30/50 prop

28. PRODUCTION

Date First Production
12/18/18

Production Method (Flowing, gas lift, pumping - Size and type pump)
Producing w/ 2" Insert Pump

Well Status (Prod. or Shut-in)
producing

Date of Test 1/1/19	Hours Tested 24	Choke Size 27/64	Prod'n For Test Period	Oil - Bbl 163	Gas - MCF 202	Water - Bbl. 390	Gas - Oil Ratio 1240
Flow Tubing Press. 500	Casing Pressure 160	Calculated 24-Hour Rate	Oil - Bbl. 163	Gas - MCF 202	Water - Bbl. 390	Oil Gravity - API - (Corr.) 38	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

30. Test Witnessed By

31. List Attachments
C-102s, C-103, C-104s

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.
N/A

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed Name Charlotte Nash Title Regulatory Analyst Date 1-9-2019

Signature

E-mail Address charlotte.nash@mavresources.com

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates ²⁶³⁰	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers ²⁸⁵⁵	T. Devonian	T. Cliff House	T. Leadville
T. Queen ³⁴⁰⁰	T. Silurian	T. Menefee	T. Madison
T. Grayburg ³⁶³⁵	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres ³⁸⁹⁰	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock ⁵⁰⁵⁰	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry ⁵⁴⁷⁰	T. Gr. Wash	T. Dakota	
T. Tubb ⁶⁰⁸⁰	T. Delaware Sand	T. Morrison	
T. Drinkard ⁶²⁵⁰	T. Bone Springs	T. Todilto	
T. Abo ⁶⁶⁶¹	T.	T. Entrada	
T. Wolfcamp ⁷¹²⁷	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology