| Submit To Appropriate District Office Two Copies | | | | S | tate of Ne | ew Me | xico | | Form C-105 | | | | | | |
|---|--|--------------------------------|--------------|--|-----------------|-------------|---|---|---|--|---------------------------------|-----------|------------|--|--|
| District I 1625 N. French Dr., Hobbs, NM 88240 | | | | Energy, Minerals and Natural | | | | Revised April 3, 2017 | | | | | | | |
| District II | | | | Resources | | | | 1. WELL API NO. | | | | | | | |
| 811 S. First St., Artesia, NM 88210 District III | | | | | | | | 30-025-43656 2. Type of Lease | | | | | | | |
| 1000 Rio Brazos Rd., Aztec, NM 87410 District IV | | | | | Conserva | | | | STATE FEE FED/INDIAN | | | | | | |
| 1220 S. St. Francis Dr., Santa | Fe, N | IM 87505 | | | 0 South S | | | | 3. State Oil | & Gas Lease N | 0. | | | | |
| Santa Fe, NM | | | | | | | | | | | | | | | |
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | | | | | |
| 4. Reason for filing: | | | | | | | | | 10 TO | Lease Name or Unit Agreement Name Encore M State | | | | | |
| COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee well | | | | | | | 6. Well Number: 020 | | | | | | | | |
| C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Re and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15. | | | | | | | | | | | | | | | |
| 7. Type of Completion: NEW WELL | □ W | ORKOV | ER DEE | PENING | PLUGBACK | □ DIFF | ERENT RES | ERVO | OIR OTHE | ER | | | | | |
| 8. Name of Operator | | | | | | | 9. OGRID 370080 | | | | | | | | |
| Breitburn Operating, | | D 1 | S: | 4 4 4 4 4 4 4 4 | | | | | | | | . ~ | | | |
| 10. Address of Operator | 1111 | Bagby | Street, Suit | te 1600 Ho | uston, TX 7 | 7002 | | | | | linebry oil and kard, Wantz; | | Oil), Tubb | | |
| 12.Location | | it Ltr | Section | Township | Range | Lot | Feet fro | om | N/S Line | Feet from the | E/W Line | | County | | |
| Surface: | G | | 20 | 22S | 37E | | 2096 | | North | 2205 | East | | Lea | | |
| BH: | G | | 20 | 22S | 37E | | 1973 | | North | 2082 | East | | Lea | | |
| 13. Date Spudded 04/11/2017 | | 14. Date Reached 04/21/2 | i | 15. Date Rig Released 04/24/2017 | | | 16. Date C 05/20/2017 | | ted (Ready to Produce) 17. Elevations (DF and RKB, RT, GR, etc.) 3368' GR | | | | B, RT, GR, | | |
| 18. Total Measured Depth | of W | /ell 764 | 0' | 19. Plug Back Measured Depth 20. Was Direction Yes | | | onal Survey Made? 21. Type Electric and Other Logs Run CBL/GR/RES | | | | | | | | |
| Tubb Oil and Gas (oi | 22. Producing Interval(s), of this completion - Top, Bottom, Name Blinebry Oil and Gas (oil) (5520'-6099'), Tubb Oil and Gas (oil) (6126' - 6199'), Drinkard (6429' - 6666') Wantz:Abo (6705' - 7116') 23. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | |
| 23. CASING SIZE | | | WEIGHT LB. | | DEPTH SET | KD (F | HOLE SIZE | | | | AMOU | NIT DI II | LED | | |
| CASING SIZE | | | WEIGITI LB./ | F1. | DEF III SE I | | HOLE SIZE | 2 | CEMENTING AMOUNT PULLED RECORD | | | | LED | | |
| 13 3/8" | | | 54.5# | | 1183' | ' 17.5" | | | 86 | 2 sx | | | | | |
| 9 5/8" | | | 32# | | 4533' | | 12.25" | | |)4 sx | | | | | |
| 5 ½" | | _ | 20# | | 7632 | _ | 8.75" | 1534 sx | | | | | | | |
| | | | | | | _ | | | | | | | | | |
| 24. | | | | | RECORD | | | 25 | | TUBING RE | | | | | |
| SIZE | | TOP | DP BOTTOM | | SACKS CEMENT | SC | REEN | | ZE 2 7/8" | DEPTH SET 6377' | | PACK | ER SET | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 26. Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED | | | | | | | | | | | | | | | |
| Stage 1: 6941' - 7116' 3 spf 129 0.42" holes | | | | | | 11' – 7116' | VAL | AMOUNT AND KIND MATERIAL USED 1. 122 bbl 15% HCL, 96 bbl SW, 701 bbl gel, 0 sand | | | | | | | |
| Stage 2: 6656' – 6764' 3 spf 75 0.42" holes | | | | | | | 2. 90 bbl 15% HCL 5.8k 100 mesh | | | 15% HCL, 180 <u>0 mesh</u> | , 180 bbl SW, 1790 bbl gel, | | | | |
| Stage 3: 6517' – 6619' 3 spf 78 0.42" holes | | | | | | | 6517' – 6619' 3. 95 bbl 15% HCL, 199 bbl SW, 145 bbl gel, 2044 bbl XL, 104.8k 30/50, 43.9k 30/50 garnet. | | | | | | | | |
| Stage 4: 6429' – 6462' 2 spf 36 0.42" holes | | | | | | | 29' – 6462' | | 4. 48 bbl 15% HCL, 120 bbl SW, 120 bbl gel, 1600 bbl XL, 84.8k 30/50, 24.6k 30/50 garnet. | | | | | | |
| Stage 5: 6019' – 6199' 2 spf 44 0.42" holes | | | | | | 125.5 | 19'- 6199' | | 5. 71 bbl 15% HCL, 120 bbl SW, 120 bbl gel, 2500 bbl XL, 123.5k 30/50, 50.1k 30/50 garnet. 6. 48 bbl 15% HCL, 115 bbl SW, 120 bbl gel, | | | | | | |
| Stage 6: 5520' – 5687' 2 | spf | 70 0.42 | " holes | | | 55 | 20' – 5687 | 7' | | | 60/50, 38 k 30/50 | | | | |
| 28. | PRODUCTION | | | | | | | | | | | | | | |

| Date First Production 05/20/2017 | I | Production Method (Flowing, gas lift, pumping - Size and type pump) 2.5 - 2.0 - 24' RHBC HVR Pump | | | | | Well Status (Prod. or Shut-in) Producing | | | | |
|--|-----------------|---|-------------------------------------|----------------------|--------------|-------------|--|----------------------|-----------------------|--|--|
| Date of Test 05/22/2017 | Hours Tested 24 | Choke Size 24/64 | Prod'n For Test Period 24 hr. | Oil – Bbl | Gas – | MCF Water – | | | Gas - Oil Ratio | | |
| | | | | 99 | 322 | | 478 | | | | |
| Flow Tubing Press. 320# | Casing Pressure | Calculated 24- | Oil - Bbl. | Gas – MCF | Water - Bbl. | | Oil Gra | vity - API - (Corr.) | | | |
| | 529# | Hour Rate | 99 | 322 | 478 | | | | | | |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) 30. Test Witnessed By 31. List Attachments OH Log, CBL, Deviation Survey, C-104 (Blinebry, Tubb, Drinkard, Wantz; Abo), C-102 (Blinebry, Tubb, Drinkard, Wantz; Abo) 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. 33. Rig Release Date: 04/24/2017 | | | | | | | | | | | |
| 22. If a temporary pit was used at the well, attach a piat with the location of the temporary pit. | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| Signature | | | Name | Shelly Doesch | ier | Title | Agent | Date 05 | /24/2017 | | |
| E-mail Address shelly_doescher@yahoo.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

| Southe | eastern 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 | T. Miss | T. Pictured Cliffs | T. Penn. "D" | | | | |
| T. 7 Rivers | T. Devonian | T. Cliff House | T. Leadville | | | | |
| T. Queen_ | T. Silurian | T. Menefee | T. Madison | | | | |
| T. Grayburg | T. Montoya_ | T. Point Lookout | T. Elbert | | | | |
| T. San Andres | T. Simpson_ | T. Mancos | T. McCracken | | | | |
| T. Glorieta5078' | T. McKee | T. Gallup | T. Ignacio Otzte | | | | |
| T. Paddock | T. Ellenburger | Base Greenhorn | T.Granite | | | | |
| T. Blinebry_5504' | T. Gr. Wash | T. Dakota | | | | | |
| T.Tubb6108' | T. Delaware Sand | T. Morrison | | | | | |
| T. Drinkard6258' | T. Bone Springs | T.Todilto | | | | | |
| T. Abo_ 6676' | T | T. Entrada | | | | | |
| T. Wolfcamp7123' | 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 | | | | | | | | | | |
| IMPORTANT WATER SANDS | | | | | | | | | | |
| Include data on rate of water inflow and elevation to which water rose in hole. | | | | | | | | | | |
| | No. 1, fromtofeet | | | | | | | | | |
| No. 2, fromtofeet | | | | | | | | | | |
| No. 3, fromtofeet | | | | | | | | | | |
| | LITHOLOGY RECORD (Attach additional sheet if necessary) | | | | | | | | | |
| From | To | Thickness In Feet | Lithology | | From | То | Thickness In Feet | Lithology | | |
| | | in reet | | | | | In Feet | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | * | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |