

|  |   |   |                        |  |   |  |          |               |          |            |
|--|---|---|------------------------|--|---|--|----------|---------------|----------|------------|
| Submit To Appropriate District Office<br>Two Copies<br><u>District I</u><br>1625 N. French Dr., Hobbs, NM 88240<br><u>District II</u><br>811 S. First St., Artesia, NM 88210<br><u>District III</u><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><u>District IV</u><br>1220 S. St. Francis Dr., Santa Fe, NM 87505   | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> | <b>Form C-105</b><br>Revised April 3, 2017<br><br>1. WELL API NO.<br>30-039-82362<br>2. Type of Lease<br><input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN<br>3. State Oil & Gas Lease No.    E-290-30 |                        |  |   |  |          |               |          |            |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>  |   |   |                        |  |   |  |          |               |          |            |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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<br>San Juan 27-5 Unit<br>6. Well Number:    90   |                        |  |   |  |          |               |          |            |
| 7. Type of Completion:<br><input type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input checked="" type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER  |   |   |                        |  |   |  |          |               |          |            |
| 8. Name of Operator<br>Hilcorp Energy  |   | 9. OGRID<br>372171  |                        |  |   |  |          |               |          |            |
| 10. Address of Operator<br>382 Road 3100, Aztec, NM 87410  |   | 11. Pool name or Wildcat<br>Blanco Mesaverde  |                        |  |   |  |          |               |          |            |
| 12. Location   | Unit Ltr  | Section   | Township               | Range  | Lot   | Feet from the  | N/S Line | Feet from the | E/W Line | County     |
| Surface:   | G   | 16  | 027N                   | 05W  |   | 2375'  | North    | 2200'         | East     | Rio Arriba |
| BH:  |   |   |                        |  |   |  |          |               |          |            |
| 13. Date Spudded<br>10/31/1962   | 14. Date T.D. Reached<br>11/18/1962   | 15. Date Rig Released<br>8/29/2019  |                        | 16. Date Completed (Ready to Produce)<br>8/30/2019 |   | 17. Elevations (DF and RKB,<br>RT, GR, etc.)    6564' GR |          |               |          |            |
| 18. Total Measured Depth of Well<br>7844'  |   | 19. Plug Back Measured Depth<br>7814'   |                        | 20. Was Directional Survey Made?<br>No             |   | 21. Type Electric and Other Logs Run<br>CBL              |          |               |          |            |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name<br>5095' – 5668' Mesaverde   |   |   |                        |  |   |  |          |               |          |            |
| <b>23. CASING RECORD (Report all strings set in well)</b>  |   |   |                        |  |   |  |          |               |          |            |
| CASING SIZE  | WEIGHT LB./FT.  | DEPTH SET   | HOLE SIZE              | CEMENTING RECORD                                   | AMOUNT PULLED                               |  |          |               |          |            |
| 10-3/4"  | 32.75# H-40   | 331'  | 13-3/4"                | 232sx  | surface                                     |  |          |               |          |            |
| 4-1/2"   | 11.6# & 10.5# J-55  | 7843'   | 7-7/8"                 | 605sx  | TOC @ 2652'                                 |  |          |               |          |            |
|  |   |   |                        |  |   |  |          |               |          |            |
|  |   |   |                        |  |   |  |          |               |          |            |
| <b>24. LINER RECORD</b>  |   |   |                        |  |   |  |          |               |          |            |
| SIZE   | TOP   | BOTTOM  | SACKS CEMENT           | SCREEN   |   |  |          |               |          |            |
|  |   |   |                        |  |   |  |          |               |          |            |
| <b>25. TUBING RECORD</b>   |   |   |                        |  |   |  |          |               |          |            |
| SIZE   | DEPTH SET   | PACKER SET  |                        |  |   |  |          |               |          |            |
| 2-3/8"   | 7751'   |   |                        |  |   |  |          |               |          |            |
| 26. Perforation record (interval, size, and number) Perf'd Point Lookout w/ISPF .39" dia. @ 5553, 5554, 5567, 5568, 5569, 5586, 5600, 5601, 5602, 5618, 5619, 5620, 5645, 5646, 5657, 5658, 5661, 5662, 5667, 5668 (20 holes).<br>Perf'd Menefee w/ISPF .39" dia @ 5177, 5191, 5201, 5225, 5253, 5254, 5284, 5285, 5288, 5323, 5324, 5329, 5351, 5364, 5365, 5375, 5376, 5417, 5418, 5427, 5428, 5493, 5502, 5503, 5513, 5526, 5527, 5535, 5536 (29 holes).<br>Perf'd Cliff House w/ISPF .39" dia @ 5095, 5096, 5103, 5112, 5113, 5120, 5121, 5122, 5124, 5132, 5133, 5137, 5138, 5148, 5157, 5158, 5159, 5163, 5164, 5165, 5167 (21 holes). |   |   |                        |  |   |  |          |               |          |            |
| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.<br>DEPTH INTERVAL    AMOUNT AND KIND MATERIAL USED<br>5095'-5668'    Foam frac'd w/238,320# 40/70 sand & 60,900# 30/50 carbo(air) and 78,269gal slickwater & 2.96 million SCF N2. 70Q.   |   |   |                        |  |   |  |          |               |          |            |
| <b>28. PRODUCTION</b>  |   |   |                        |  |   |  |          |               |          |            |
| Date First Production<br>8/30/2019   |   | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing  |                        |  | Well Status (Prod. or Shut-in)<br>Producing |  |          |               |          |            |
| Date of Test<br>8/30/2019  | Hours Tested<br>1hr   | Choke Size<br>7/8"  | Prod'n For Test Period | Oil - Bbl<br>0 bbls                                | Gas - MCF<br>2 mcf                          |  |          |               |          |            |
| Flow Tubing Press. 594psi  | Casing Pressure 594psi  | Calculated 24-Hour Rate   | Oil - Bbl.<br>0 BOPD   | Gas - MCF<br>49 mcf/d                              | Water - Bbl.<br>0 MWPD                      |  |          |               |          |            |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold  |   |   |                        |  | 30. Test Witnessed By                       |  |          |               |          |            |
| 31. List Attachments<br>Well is now producing as Mesaverde/Dakota commingle under DHC 4859. Density Exception R-20618.   |   |   |                        |  |   |  |          |               |          |            |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.   |   |   |                        |  | 33. Rig Release Date: 8/29/2019             |  |          |               |          |            |
| 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   |   |   |                        |  |   |  |          |               |          |            |
| Signature <i>Etta Trujillo</i>   |   | Printed Name Etta Trujillo  |                        | Title Operations/Regulatory Tech Sr                |   |  |          |               |          |            |
| E-mail Address ettrujillo@hilcorp.com  |   |   |                        | Date 9/9/2019                                      |   |  |          |               |          |            |

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# 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 2689'       | T. Penn A"       |
| T. Salt                 | T. Strawn        | T. Kirtland 2875'        | T. Penn. "B"     |
| B. Salt                 | T. Atoka         | T. Fruitland 3124'       | T. Penn. "C"     |
| T. Yates                | T. Miss          | T. Pictured Cliffs 3366' | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian      | T. Cliff House 5041'     | T. Leadville     |
| T. Queen                | T. Silurian      | T. Menefee 5212'         | T. Madison       |
| T. Grayburg             | T. Montoya       | T. Point Lookout 5530'   | T. Elbert        |
| T. San Andres           | T. Simpson       | T. Mancos 6031'          | T. McCracken     |
| T. Glorieta             | T. McKee         | T. Gallup 6708'          | T. Ignacio Otzte |
| T. Paddock              | T. Ellenburger   | Base Greenhorn 7466'     | T. Granite       |
| T. Blinbry              | T. Gr. Wash      | T. Dakota 7666'          |                  |
| T. Tubb                 | T. Delaware Sand | T. Morrison              |                  |
| T. Drinkard             | T. Bone Springs  | T. Todilto               |                  |
| T. Abo                  | T.               | T. Entrada               |                  |
| T. Wolfcamp             | 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. 2, from.....to.....  
No. 3, 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<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |