

AUG 14 2019

DISTRICT III

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF079960

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator HILCORP ENERGY COMPANY Contact: PRISCILLA SHORTY
 E-Mail: pshorty@hilcorp.com

3. Address 1111 TRAVIS STREET HOUSTON, TX 77002 3a. Phone No. (include area code) Ph: 505.324.5188

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface SWSE 1000FSL 1790FEL 36.937130 N Lat, 108.025620 W Lon
 At top prod interval reported below SWSE 1000FSL 1790FEL
 At total depth SWSE 1175FSL 2036FEL

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No. 1408001336
 8. Lease Name and Well No. LAWSON 2E
 9. API Well No. 30-045-24022-00-C2
 10. Field and Pool, or Exploratory BLANCO MESAVERDE
 11. Sec., T., R., M., or Block and Survey or Area Sec 31 T32N R11W Mer NMP
 12. County or Parish SAN JUAN 13. State NM
 14. Date Spudded 09/11/1980 15. Date T.D. Reached 09/21/1980 16. Date Completed D & A Ready to Prod. 07/12/2019
 17. Elevations (DF, KB, RT, GL)* 6420 GL
 18. Total Depth: MD 7657 TVD 7639 19. Plug Back T.D.: MD 7641 TVD 7631 20. Depth Bridge Plug Set: MD TVD
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GYRO 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 H-40 | 32.3 | 0 | 235 | | 110 | | 0 | |
| 8.750 | 7.000 K-55 | 23.0 | 0 | 3245 | | 260 | | 0 | |
| 6.250 | 4.500 K-55 | 10.5 | 3074 | 7650 | | 535 | | 4676 | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 7593 | | | | | | | |

25. Producing Intervals 26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|------------------|------|--------|---------------------|-------|-----------|--------------|
| A) MESAVERDE | | | 5005 TO 5260 | 0.340 | 45 | OPEN |
| B) POINT LOOKOUT | | | 5347 TO 5620 | 0.340 | 45 | OPEN |
| C) PT LOOKOUT | | | | | | |
| D) MENELEE | 5005 | 5260 | | | | |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|---|
| 5005 TO 5620 | FOAM FRAC'D W/ 300,320 LBS 40/70 AND 1667 BW AND 2.47 MILLION SCF N2 70 Q |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/12/2019 | 07/12/2019 | 1 | → | | 1.0 | | | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | 213 | 189.0 | → | 0 | 24 | 0 | | PGW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/12/2019 | 07/12/2019 | 1 | → | 0.0 | 1.0 | 0.0 | | | FLOWS FROM WELL |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| SI | 213 | 189.0 | → | 0 | 24 | 0 | | PGW | |

(See Instructions and spaces for additional data on reverse side)
 ELECTRONIC SUBMISSION #473746 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
 ** BLM REVISED **

AY

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28b. Production - Interval C

| | | | | | | | | | |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top |
|----------------------|------|--------|--------------------------------|----------------------|-------------|
| | | | | | Meas. Depth |
| DAKOTA | | | | DAKOTA | |
| FRUITLAND | 2570 | 3116 | DK GRY-GRY CARB SH, COAL, GRN | FRUITLAND | 2570 |
| PICTURED CLIFFS | 3116 | 3727 | BN-GRY, FINE GRN, TIGHT SS. | PICTURED CLIFFS | 3116 |
| HUERFANITO BENTONITE | 3727 | 4562 | WHITE, WAXY CHALKY BENTONITE | HUERFANITO BENTONITE | 3727 |
| CLIFFHOUSE | 4562 | 4879 | LIGHT GRY, MED-FINE GR SS, CAR | CLIFFHOUSE | 4562 |
| MENEFEE | 4879 | 5305 | MED-DARK GRY, FINE GR SS, CARB | MENEFEE | 4879 |
| POINT LOOKOUT | 5305 | 5708 | MED-LIGHT GRY, VERY FINE GR SS | POINT LOOKOUT | 5305 |
| MANCOS | 5708 | 6737 | DARK GRY CARB SH. | MANCOS | 5708 |
| GALLUP | 6737 | 7606 | LT. GRY TO BRN CALC CARB MICAC | GALLUP | 6737 |

32. Additional remarks (include plugging procedure):

WELL IS NOW PRODUCING AS BLANCO MESAVERDE / BASIN DAKOTA COMMINGLE UNDER DHC 4968
AZ

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #473746 Verified by the BLM Well Information System.
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 07/22/2019 (19JK0104SE)**

Name (please print) PRISCILLA SHORTY Title OPERATIONS REGULATORY TECH

Signature _____ (Electronic Submission) Date 07/17/2019

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ****