

NMOCD

AUG 19 2019

DISTRICT III

Form 3160-4 (August 2007)

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. NMSF079051

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

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator HILCORP ENERGY COMPANY Contact: ET TA TRUJILLO E-Mail: ettrujillo@hilcorp.com

8. Lease Name and Well No. SAN JUAN 28-6 UNIT 186

3. Address 382 ROAD 3100 AZTEC, NM 87410 3a. Phone No. (include area code) Ph: 5053245161

9. API Well No. 30-039-20582

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SENE 1525FNL 970FEL 36.605960 N Lat, 107.501110 W Lon
At top prod interval reported below SENE 1525FNL 970FEL 36.605960 N Lat, 107.501110 W Lon
At total depth SENE 1525FNL 970FEL 36.605960 N Lat, 107.501110 W Lon

10. Field and Pool, or Exploratory BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area Sec 6 T27N R06W Mer NMP

12. County or Parish RIO ARRIBA 13. State NM

14. Date Spudded 12/12/1972 15. Date T.D. Reached 12/22/1972 16. Date Completed [] D & A [x] Ready to Prod. 07/16/2019

17. Elevations (DF, KB, RT, GL)* 6513 GL

18. Total Depth: MD 7681 TVD 19. Plug Back T.D.: MD 7666 TVD 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? [x] No [] Yes (Submit analysis) Was DST run? [x] No [] Yes (Submit analysis) Directional Survey? [x] No [] Yes (Submit analysis)

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

Table with 10 columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Sks. & Type of Cement, Slurry Vol. (BBL), Cement Top*, Amount Pulled. Rows include 6.250, 13.750, 8.750 hole sizes.

24. Tubing Record

Table with 10 columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD). Row includes size 2.375 and depth set 7579.

25. Producing Intervals

Table with 7 columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status. Rows include LOWER MENEFE and UPPER MENEFE.

POINT LOOKOUT / LOWER MENEFE
CLIFF HOUSE / UPPER MENEFE

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

Table with 2 columns: Depth Interval, Amount and Type of Material. Row includes depth interval 4835 TO 5561 and material FOAM FRAC'D W/292.560# 40/70 SAND & 78,897 GAL SLICKWATER & 2.91 MILLION SCF N2 70Q.

28. Production - Interval A

Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Row includes test date 07/17/2019 and production method FLOWS FROM WELL.

28a. Production - Interval B

Table with 10 columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method. Row includes test date 07/17/2019 and production method PGW.

ACCEPTED FOR RECORD

AUG 16 2019

FARMINGTON FIELD OFFICE

(See Instructions and spaces for additional data on reverse side) ELECTRONIC SUBMISSION #475043 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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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
					Mcas. Depth
NACIMIENTO	950	2414	WHITE, CR-GR SS		
OJO ALAMO	2414	2566	WHITE, CR-GR SS		
KIRTLAND	2566	2987	GRY SH INTERBEDDED W/TIGHT, GR		
FRUITLAND	2987	3193	DK GRY-GRY CARB SH, COAL, GRN		
PICTURED CLIFFS	3193	3702	BN-GRY, FINE GRN, TIGHT SS.		
HUERFANITO BENTONITE	3702	4150	WHITE, WAXY CHALKY BENTONITE		
POINT LOOKOUT	5413	5850	MED-LIGHT GRY, VERY FINE GR SS		
MANCOS	5850	6602	DARK GRY CARB SH.		

32. Additional remarks (include plugging procedure):
CASING 4-1/2", K-55, 11.6# & 10.5#.

CEMENT INFO:
9-5/8" 225cf
7" 243cf
4-1/2" 644cf

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 #475043 Verified by the BLM Well Information System.
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 08/07/2019 ()

Name (please print) ETTA TRUJILLO Title OPERATIONS REGULATORY TECH SR

Signature (Electronic Submission) Date 07/24/2019

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.

**** ORIGINAL ** ORIGINAL ****