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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management

5. Lease Serial No.
NMSF078200B

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,		7. Unit or CA Agreement Name and No.	
Other: <u>RECOMPLETE</u>			
2. Name of Operator Hilcorp Energy Company		8. Lease Name and Well No. Riddle B 10E	
3. Address 382 Road 3100, Aztec, NM 87410		3a. Phone No. (include area code) (505) 599-3400	
9. API Well No. 30-045-26401		10. Field and Pool or Exploratory Blanco Mesaverde	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit O (SW/SE), 1180' FSL & 1460' FEL		11. Sec., T., R., M., on Block and Survey or Area Sec. 27, T30N, R10W	
At top prod. Interval reported below Same as above		12. County or Parish San Juan	
At total depth Same as above		13. State New Mexico	
14. Date Spudded 6/18/1985		15. Date T.D. Reached 6/26/1985	
16. Date Completed 10/22/2018		17. Elevations (DF, RKB, RT, GL)* 6028' GL	
<input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		20. Depth Bridge Plug Set: MD TVD	
18. Total Depth: 7150'		19. Plug Back T.D.: 7130'	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	

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
12-1/4"	9-5/8" K-55	36#	0	227'	n/a	150 sx		0	
8-3/4"	7" K-55	20#	0	2925'	n/a	300 sx		700'	None
6-1/4"	4-1/2" K-55	10.5#	0	7150'	n/a	505 sx		1450'	None
	4-1/2" K-55	11.6#							

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	7034'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4850'	5054'	1 SPF	0.34"	45	open
B) Menefee	4404'	4673'	1 SPF	0.34"	45	open
C) Cliffhouse	4192'	4316'	1 SPF	0.34"	45	open
D) Total					135	

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

Depth Interval	Amount and Type of Material
4850'-5054'	Foam frac'd Point Lookout w/ 149,964 lbs 40/70 and 38,878 gal slickwater and 1.03 million SCF N2. 70 Q.
4404'-4673'	Foam frac'd Menefee w/ 202,778 lbs 40/70 and 53,697 gal slickwater and 2.37 million SCF N2. 70 Q.
4192'-4316'	Foam frac'd Cliffhouse w/ 152,543 lbs 40/70 and 38,557 gal slickwater and 1.43 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
N/A	N/A	N/A	➔	N/A	N/A	N/A	N/A	N/A	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	N/A	N/A	➔	N/A	N/A	N/A	N/A		

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
			➔						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		➔						

*(See instructions and spaces for additional data on page 2)

NMCOOPY

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

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 (Solid, used for fuel, vented, etc.)

N/A

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, 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
Chacra	3550	4096	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3550
Mesa Verde	4096	4316	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4096
Menefee	4316	4833	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4316
Point Lookout	4833	5333	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4833
Mancos	5333	6070	Dark gry carb sh.	Mancos	5333
Gallup	6070	6798	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6070
Greenhorn	6798	6853	Highly calc gry sh w/ thin lmst.	Greenhorn	6798
Graneros	6853	6992	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6853
Dakota	6992		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6992

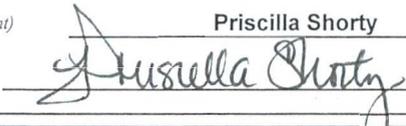
32. Additional remarks (include plugging procedure):

Well will produce as Blanco Mesaverde/ Basin Dakota under DHC 4082AZ and Density Exception R-14775

33. Indicate which items have been attached by placing a check in the appropriate boxes:

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

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

Name (please print) Priscilla Shorty Title Operations Regulatory Technician - Sr.
 Signature  Date 11/12/2018

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.