

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NMSF080750			
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"/> Other: RECOMPLETE						6. Indian, Alutian or Tribe Name Farmington, Alaska			
2. Name of Operator Hilcorp Energy Company						7. Unit or CA Agreement Name and No. NMMN103103			
3. Address 382 Road 3100, Aztec, NM 87410				3a. Phone No. (include area code) (505) 599-3400		8. Lease Name and Well No. Sunray F 1F			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit I (NE/SE), 2565' FSL & 885' FEL At top prod. Interval reported below Same as above At total depth Same as above						9. API Well No. 30-045-34450			
14. Date Spudded 11/30/2007						15. Date T.D. Reached 12/8/2007		10. Field and Pool or Exploratory Blanco Mesaverde	
16. Date Completed 3/4/2019 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						11. Sec., T., R., M., on Block and Survey or Area Sec 26, T30N, R10W			
17. Elevations (DF, RKB, RT, GL)* 6252' GL						12. County or Parish San Juan		13. State New Mexico	
18. Total Depth: 7394'			19. Plug Back T.D.: 7391'			20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)						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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8", H-40	32.3#	0	243'	n/a	224 sx		0	27 bbls
8-3/4"	7", J-55	23.0#	0	4753'	n/a	658 sx		0	55 bbls
6-1/4"	4-1/2", J-55	10.5#/11.6#	0	7393'	n/a	197 sx		4500'	none
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"	7250'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Point Lookout		5096'	5405'	1 spf		0.30"	45	Open	
B) Menefee		4658'	5031'	1 spf		0.30"	45	Open	
C) Cliffhouse		4436'	4576'	1 spf		0.30"	45	Open	
D) Total							135		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4440'		Sqz'd w/ 596 sx Type G cmt. Circ 23 bbls to surface.							
5096'-5405'		Foam frac'd Pt Lookout w/ 165,986 lbs 40/70 and 47,223 gal slickwater and 1.4 million SCF N2. 70 Quality.							
4658'-5031'		Foam frac'd Menefee w/ 198,425 lbs 40/70 and 53,334 gal slickwater and 2.1 million SCF N2. 70 Quality.							
4436'-4576'		Foam frac'd Cliffhouse w/ 153,775 lbs 40/70 and 38,254 gal slickwater and 1.12 million SCF N2. 70 Quality.							
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
3/4/2019	3/4/2019	1	→	0	18.6	2.4	N/A	N/A	FLOWING
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	SI-342 psi	SI-394psi	→	0	446 mcf/d	57 bpd	N/A	PRODUCING	
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)

NMOCDF

Accepted for Record

3/6/19 Tsalysers

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.)

sold

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
Ojo Alamo	1693	1768	White, cr-gr ss	Ojo Alamo	1693
Kirtland	1768	2408	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1768
Fruitland	2408	2827	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2408
Pictured Cliffs	2827	2998	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2827
Lewis	2998	3366	Shale w/ siltstone stingers	Lewis	2998
Huerfanito Bentonite	3366	3732	White, waxy chalky bentonite	Huerfanito Bentonite	3366
Chacra	3732	4325	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3732
Mesa Verde	4325	4578	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4325
Menefee	4578	5090	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4578
Point Lookout	5090	5482	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5090
Mancos	5482	6296	Dark gry carb sh.	Mancos	5482
Gallup	6296	7069	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6296
Greenhorn	7069	7120	Highly calc gry sh w/ thin lms.	Greenhorn	7069
Graneros	7120	7171	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7120
Dakota	7171		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7171
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/ Basin Dakota under DHC 4064 AZ and Density Exception R-14714

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)*

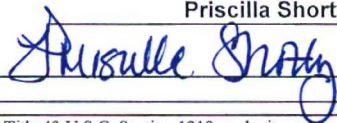
Name (please print)

Priscilla Shorty

Title

Operations/Regulatory Technician - Sr.

Signature



Date

3/6/2019

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.