

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

AUG 14 2018

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

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. <b>NMSF-078439</b>	
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.,										6. If Indian, Allottee or Tribe Name	
Other: <b>RECOMPLETE</b>										7. Unit or CA Agreement Name and No.	
2. Name of Operator <b>Hilcorp Energy Company</b>										8. Lease Name and Well No. <b>Johnston Federal 9F</b>	
3. Address <b>382 Road 3100, Aztec, NM 87410</b>					3a. Phone No. (include area code) <b>(505) 599-3400</b>					9. API Well No. <b>30-045-35152</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>Unit B (NW/NE) 749' FNL &amp; 1453' FEL, Sec. 35, T31N, R09W</b> At top prod. Interval reported below <b>Unit G (SW/NE) 2066' FNL &amp; 1853' FEL, Sec. 35, T31N, R09W</b> At total depth <b>Unit G (SW/NE) 2066' FNL &amp; 1853' FEL, Sec. 35, T31N, R09W</b>										10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>	
14. Date Spudded <b>7/28/2011</b>										15. Date T.D. Reached <b>9/4/2011</b>	
16. Date Completed <b>8/10/2018</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										17. Elevations (DF, RKB, RT, GL)* <b>5975'</b>	
18. Total Depth: <b>MD 7760' TVD 7455'</b>					19. Plug Back T.D.: <b>MD 7732' TVD 7427'</b>					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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
12-1/4"	9-5/8" H-40	32.3#	0	231'	n/a	76 sx	22 bbls	0	6 bbls		
8-3/4"	7" J-55	23#	0	4419'	2759'	616 sx	225 bbls	0	60 bbls		
6-1/4"	4-1/2" L-80	11.6#	0	7752'	n/a	239 sx	86 bbls	3624'	0		
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"	7575'										
25. Producing Intervals											
Formation	Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status				
A) Point Lookout	5296'	5646'	1 SPF		0.34"	45	Open				
B) Menefee	4972'	5240'	1 SPF		0.34"	45	Open				
C) Cliffhouse	4827'	4938'	1 PF		0.34"	45	Open				
D) Total						135					
26. Perforation Record											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
5296'-5646'		Foam frac'd Point Lookout with 151,014 lbs 40/70 and 43,160 gal slickwater and 1.33 million SCF N2. 70 quality.									
4972'-5240'		Foam frac'd Menefee with 202,009 lbs 40/70 and 58,029 gal slickwater and 1.69 million SCF N2. 70 quality.									
4827'-4938'		Foam frac'd Cliffhouse with 149,566 lbs 40/70 and 36,661 gal slickwater and 1.02 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		
8/10/2018	8/10/2018	1	→	0	14.8	0	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			
1"	SI-302 psi	SI-260psi	→	0	356 mcf/d	3.75 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	SI		→					NMOCD			

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

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE

AUG 31 2018

DISTRICT III

NMOCD

## 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	1586	1704	White, cr-gr ss	Ojo Alamo	1586
Kirtland	1704	2604	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1704
Fruitland	2604	3008	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2604
Pictured Cliffs	3008	3178	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3008
Lewis	3178	3786	Shale w/ siltstone stingers	Lewis	3178
Huerfano Bentonite	3786	3859	White, waxy chalky bentonite		3786
Chacra	3859	4603	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3859
Mesa Verde	4603	4939	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4603
Menefee	4939	5335	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4939
Point Lookout	5335	5651	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5335
Mancos	5651	6601	Dark gry carb sh.	Mancos	5651
Gallup	6601	7329	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6601
Greenhorn	7329	7385	Highly calc gry sh w/ thin Imst.	Greenhorn	7329
Graneros	7385	7443	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7385
Dakota	7443	7760	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7443

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde/ Basin Dakota under DHC 4024 AZ and Density Exception R-14705

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)\*

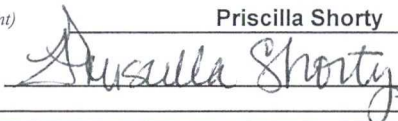
Name (please print)

Priscilla Shorty

Title

Operations/Regulatory Technician - Sr.

Signature



Date

8/13/2018

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.