

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

5. Lease Serial No.
NMSF-078439

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Reserv.,

6. If Indian, Allottee or Tribe Name

Other: **RECOMPLETE**

7. Unit or CA Agreement Name and No.

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
Johnston Federal 9F

3. Address
382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)
(505) 599-3400

9. API Well No.
30-045-35152

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **Unit B (NW/NE) 749' FNL & 1453' FEL, Sec. 35, T31N, R09W**

10. Field and Pool or Exploratory
Blanco Mesaverde

At top prod. Interval reported below **Unit G (SW/NE) 2066' FNL & 1853' FEL, Sec. 35, T31N, R09W**

11. Sec., T., R., M., on Block and Survey or Area
Sec. 35, T31N, R09W

At total depth **Unit G (SW/NE) 2066' FNL & 1853' FEL, Sec. 35, T31N, R09W**

12. County or Parish **San Juan** 13. State **New Mexico**

14. Date Spudded
7/28/2011

15. Date T.D. Reached
9/4/2011

16. Date Completed **8/10/2018**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5975'

18. Total Depth:
MD 7760' TVD 7455'

19. Plug Back T.D.:
MD 7732' TVD 7427'

20. Depth Bridge Plug Set: **MD**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No 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	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	

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	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		→					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 stringers	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 gr ss w/ irreg. interbed sh.	Gallup	6601
Greenhorn	7329	7385	Highly calc gry sh w/ thin lmst.	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 sitty 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 *Priscilla Shorty* 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.