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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 06 2018

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

## DISTRICT 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. <b>SF-080724-A</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. Resrv.,		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>Zachry 38</b>	
3. Address <b>PO Box 4700, Farmington, NM 87499</b>		9. API Well No. <b>30-045-25464</b>	
3a. Phone No. (include area code) <b>(505) 599-3400</b>		10. Field and Pool or Exploratory <b>Blanco Mesaverde</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* <b>At surface Unit K (NESW), 1800' FSL &amp; 1845' FWL</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 12, T28N, R10W</b>	
<b>At top prod. Interval reported below</b>		12. County or Parish <b>San Juan</b>	
<b>At total depth</b>		13. State <b>New Mexico</b>	

14. Date Spudded <b>11/3/1982</b>	15. Date T.D. Reached <b>11/21/1982</b>	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>2/28/2018</b>	17. Elevations (DF, RKB, RT, GL)* <b>6160' GL</b>
18. Total Depth: <b>6160'</b>		20. Depth Bridge Plug Set: <b>MD</b> <b>TVD</b>	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>CBL</b>		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
14 3/4"	10 3/4" J-55	40.5#	0	307	n/a	325 cf			None
9 7/8"	7 5/8" K-55	26.4	0	4800	n/a	2871 cf			None
6 3/4"	5 1/2" K-55	15.5	0	4665-6160	n/a	252 cf			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"	5962'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4371'	4589'	Select Fire 1 SPF	.34"	25	open
B) Menefee	4291'	4291'	120 Deg Phase	0.43	3	open
C) Menefee	4011'	4283'	1 SPF	0.34	17	open
D) TOTAL					45	

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

Depth Interval	Amount and Type of Material
4371'-4589'	Acidized w/ 1380 gals 15% HCl. Frac w/ 70 Q N2 foam, 20# linear base gel, 5,000# 100 Mesh sand, 146,000# 20/40 AZ sand, 1, 108,084 SCF N2, 1024 bbls Fluid Flush.
4011'-4291'	Acidized w/ 1380 gals 15% HCl. Frac w/ 60 Q N2 foam, 20# linear base gel, 5,100# 100 Mesh sand, 145,900# 20/40 AZ sand, 1,095,473 SCF N2, 1312 bbls Fluid Flush.

## 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
2/26/2018	2/25/2018	2	→	0	54 mcf	0 bwph	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	
32/64	0 psi	105 psi	→	0	657 mcf/d	0 bwpd	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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

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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 (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	1030'	1093'	White, cr-gr ss	Ojo Alamo	1030'
Kirtland	1093'	1825'	Gry sh interbedded w/light, gry, fine-gr ss.	Kirtland	1093'
Fruitland	1825'	2060'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1825'
Pictured Cliffs	2060'	2137'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2060'
Lewis	2137'	2672'	Shale w/ siltstone stringers	Lewis	2137'
Chacra	2672'	3635'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2672'
Mesa Verde	3635'	3730'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3635'
Menefee	3730'	4370'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3730'
Point Lookout	4370'	4690'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4370'
Mancos	4690'		Dark gry carb sh.		
Gallup	5560'		Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5560'

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3963AZ.

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)

Christine Brock

Title

Operations/Regulatory Technician

Signature

Christine Brock

Date

3/8/18

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.

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