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DEC 04 2018

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 13 2018

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. <b>NMSF-046563</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:		PAYADD				7. Unit or CA Agreement Name and No. <b>N/A</b>				
2. Name of Operator <b>Hilcorp Energy Company</b>						8. Lease Name and Well No. <b>Fred Feasel H 1G</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>30-045-34389</b>				
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit I (NESE), 2355' FSL &amp; 855' FEL</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>						10. Field and Pool or Exploratory <b>Basin Dakota</b>				
						11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 33, T28N, R10W</b>				
						12. County or Parish <b>San Juan</b>		13. State <b>New Mexico</b>		
14. Date Spudded <b>1/21/2008</b>		15. Date T.D. Reached <b>1/31/2008</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. <b>11/9/2018</b>		17. Elevations (DF, RKB, RT, GL)* <b>6046' GL</b>				
18. Total Depth: <b>6959'</b>		19. Plug Back T.D.: <b>6630'</b>		20. Depth Bridge Plug Set: <b>MD 6630'</b> <b>TVD</b>						
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	
<b>12-1/4"</b>	<b>8 5/8" J-55</b>	<b>24#</b>	<b>0</b>	<b>362'</b>	<b>n/a</b>	<b>250 sx</b>			<b>None</b>	
<b>7 7/8"</b>	<b>5 1/2" J-55</b>	<b>15.5#</b>	<b>0</b>	<b>6925'</b>	<b>n/a</b>	<b>814 sx</b>			<b>None</b>	
24. Tubing Record										
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)		
<b>2 3/8"</b>	<b>6545'</b>									
25. Producing Intervals										
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status		
<b>Basin Dakota</b>		<b>6420'</b>	<b>6580'</b>	<b>1 SPF</b>		<b>0.29"</b>	<b>48</b>	<b>open</b>		
A)										
B)										
C)										
D) <b>TOTAL</b>							<b>48</b>			
26. Perforation Record										
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										
Depth Interval		Amount and Type of Material								
<b>6420'-6580'</b>		<b>Acidized w/500 gal 15% HCL, frac w/100,300# 20/40 AZ sand, 160,860 gal SW-2 76M SCF N2 @ 70Q, flushed w/150 bbl foam fluid</b>								
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	
<b>11/10/2018</b>	<b>11/2/2018</b>	<b>1</b>	<b>→</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>	<b>flowing</b>	
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
<b>16/64"</b>	<b>120 psi</b>	<b>n/a</b>	<b>→</b>	<b>0</b>	<b>144</b>	<b>48</b>	<b>n/a</b>	<b>Flowing</b>		
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	
			<b>→</b>							
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
			<b>→</b>							

\*(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	972'	1116'	White, cr-gr ss	Ojo Alamo	972'
Kirtland	1116'	1605'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1116'
Fruitland	1605'	2006'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1605'
Pictured Cliffs	2006'	2200'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2006'
Lewis	2200'	2944'	Shale w/ siltstone stringers	Lewis	2200'
Chacra	2944'	3593'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2944'
Mesa Verde	3593'	3666'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3593'
Menefee	3666'	4364'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3666'
Point Lookout	4364'	4860'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4364'
Mancos	4860'	5547'	Dark gry carb sh.	Mancos	4860'
Gallup	5547'	6323'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5547'
Greenhorn	6323'	6386'	Highly calc gry sh w/ thin lmst.	Greenhorn	6323'
Graneros	6386'	6386'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6386'
Dakota	6386'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6386'

32. Additional remarks (include plugging procedure):

New perfs were added to the existing Dakota formation. The existing Burro Canyon perfs were covered by a 5.5" CIBP @ 6630'.

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) Cherylene WestonTitle Operations/Regulatory Technician-Sr.

Signature

Cherylene Weston

Date

11-13-18

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.