

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 05 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. SF-078161			
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: RECOMPLETE						7. Unit or CA Agreement Name and No.			
2. Name of Operator Hilcorp Energy Company						8. Lease Name and Well No. Shults Federal 1			
3. Address PO Box 4700, Farmington, NM 87499			3a. Phone No. (include area code) (505) 599-3400			9. API Well No. 30-045-08766			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*						10. Field and Pool or Exploratory Blanco Mesaverde			
At surface Unit F (SENW), 1767' FNL & 1610' FWL						11. Sec., T., R., M., on Block and Survey or Area Sec. 1, T29N, R11W, NMPM			
At top prod. Interval reported below Same as above						12. County or Parish San Juan		13. State New Mexico	
At total depth Same as above						17. Elevations (DF, RKB, RT, GL)* 5817' GL			
14. Date Spudded 12/5/1963		15. Date T.D. Reached 12/18/1963		16. Date Completed 3/22/2018 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.					
18. Total Depth: 6830'		19. Plug Back T.D.: 6740'		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, Tracer Log, Audio Log						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"	8-5/8" J55	24#	0	287'	n/a	200 sx		Surface	
7-7/8"	4 1/2" J55	10.5#	0	6830'	n/a	760sx		Surface	
			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"	6592'								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) PT Lookout/Menefee		4087'	4743'	1 SPF		0.38"	42	Open	
B)									
C)									
D) TOTAL							42		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4087'-4743'		Acidized w/800 gal 15% HCL. Frac'd w/ 60Q N2 foam, 20# linear base gel at 24 BPM, 15,000# 100 Mesh & 248,440 #20/40 AZI, 2,400 bbls fluid, 2,646,683 scf N2. Liquid 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
3/23/2018	3/20/2018	2	→	0	202 mcf	2 bbl	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	650 psi	→	0	2424 mcf/d	48 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.)

Vented

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	860'	978'	White, cr-gr ss	Ojo Alamo	860'
Kirtland	978'	1834'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	978'
Fruitland	1834'	2143'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1834'
Pictured Cliffs	2143'	2335'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2143'
Lewis	2335'	2835'	Shale w/ siltstone stringers	Lewis	2335'
Chacra	2835'	3732'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2835'
Cliffhouse	3732'	3877'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3732'
Menefee	3877'	4480'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3827'
Point Lookout	4480'	4922'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4477'
Mancos	4922'	5707'	Dark gry carb sh.	Mancos	4742'
Gallup	5707'	6472'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6637'
Greenhorn	6472'	6520'	Highly calc gry sh w/ thin lmst.	Greenhorn	7398'
Graneros	6520'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6520'
Dakota	6520'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	6520'

32. Additional remarks (include plugging procedure):

Well is now producing as Mesaverde/Dakota commingle under DHC-3994-AZ.

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)*

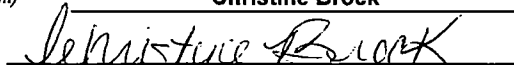
Name (please print)

Christine Brock

Title

Operations/Regulatory Technician - Sr.

Signature



Date

4/4/2018

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.