

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. NMSF-078138			
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. Federal B 3			
3. Address 382 Road 3100, Aztec, NM 87410				3a. Phone No. (include area code) (505) 599-3400		9. API Well No. 30-045-32859			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit B (NWNE), 960' FNL & 2320' FEL						10. Field and Pool or Exploratory Blanco Mesaverde			
At top prod. Interval reported below Same as above						11. Sec., T., R., M., on Block and Survey or Area Sec. 28, T30N, R11W			
At total depth Same as above						12. County or Parish San Juan		13. State New Mexico	
14. Date Spudded 12/21/2005		15. Date T.D. Reached 1/5/2006		16. Date Completed 2/3/2019 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 5937' GL			
18. Total Depth: 7130'		19. Plug Back T.D.: 7085'		20. Depth Bridge Plug Set: MD TVD		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)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	8 5/8" J-55	24#	0	377'	n/a	290 sx			None
7-7/8"	5 1/2" J-55	15.5#	0	7126'	n/a	950 sx			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"	6804'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Menefee	4291'	4536'	1 SPF	.34"	23	open			
B) Pt. Lookout	4572'	4849'	1 SPF	.34"	32	open			
C)									
D) TOTAL					55				
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
4291'-4536'		Frac w/ 149,980# 20/40 AZ sand / 122,502 Gal #20 Gel Foam / 1.63M SCF N2 @ 70Q, flushed w/92 fluid bbls							
4572'-4849'		Frac w/ 151,900# 20/40 AZ sand / 114,392 Gal #20 Gel Foam / 1.11M SCF N2 @ 70Q, flushed w/1080 fluid bbls							
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
2/4/2019	2/1/2019	1	→	0	0	12	N/A	N/A	flowing
Choke Size	Tbg. Press. SI	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
1"	N/A	70 psi	→	0	1860	288	N/A	Flowing	
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
			→						NMOCD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						FEB 22 2019 DISTRICT III

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	840'	989'	White, cr-gr ss	Ojo Alamo	840'
Kirtland	989'	1874'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	989'
Fruitland	1874'	2283'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1874'
Pictured Cliffs	2283'	2447'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2283'
Lewis	2447'	3239'	Shale w/ siltstone stringers	Lewis	2447'
Chacra	3239'	3769'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3239'
Mesa Verde	3769'	4002'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3769'
Menefee	4002'	4595'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4002'
Point Lookout	4595'	4966'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4595'
Mancos	4966'	5845'	Dark gry carb sh.	Mancos	4966'
Gallup	5845'	6582'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5845'
Greenhorn	6582'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	6582'
Graneros		6639'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	6639'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6639'

32. Additional remarks (include plugging procedure):

The well is now producing as a Blanco Mesaverde/Basin Dakota commingled well per DHC 4073AZ.

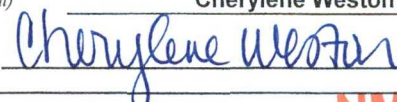
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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



Date

2-6-19

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.