

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 17 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmington Field Office
Bureau of Land Management
NMSF077092A

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
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.,		7. Unit or CA Agreement Name and No.	
Other: <u>Recomplete</u>			
2. Name of Operator Hilcorp Energy Company		8. Lease Name and Well No. Houck Com 1E	
3. Address 382 Road 3100, Aztec, NM 87410		9. API Well No. 30-045-26179	
3a. Phone No. (include area code) (505) 599-3400			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit M (SW/SW), 790' FSL & 790' FWL		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 01, T29N, R10W	
At total depth same as above		12. County or Parish San Juan	
14. Date Spudded 3/14/1985		13. State New Mexico	
15. Date T.D. Reached 7/11/2018		17. Elevations (DF, RKB, RT, GL)* 5884' GL	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			
18. Total Depth: 6960'		20. Depth Bridge Plug Set: MD TVD	
19. Plug Back T.D.: 6901'		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Cement Bond Log		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)	

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", K-55	36#	0	314'		225 sx		0	10 bbls
8-3/4"	7", K-55	23#	0	2960'		600 sx		0	25 bbls
6-1/4"	4-1/2", K-55	10.5#	2792'	6957'		500 sx		3480'	0

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	6793'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4644'	4739'	1 SPF	0.34"	28	Open
B) Lower Menefee	4424'	4575'	1 SPF	0.34"	15	Open
C) Upper Menefee	4185'	4252'	1 SPF	0.34"	12	Open
D) Cliffhouse	4102'	4168'	1 SPF	0.34"	25	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval 4102' - 4739'	Amount and Type of Material Foam frac'd Mesaverde with 299,740# 40/70 and 85,040 gal slickwater and 2.78 million SCF N2. 70 quality.
3965'	Perf'd 3 holes & squeezed w/ 94 sx Type G cmt. Pump balance w/ 20 sx Type G cmt.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/13/2018	7/13/2018	1		0	2.5	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-432 psi	SI-454psi		0.25	60	4	N/A		PRODUCING

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								

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

NMOCD

Original TD reached 3:20:85

ACCEPTED FOR RECORD

FARMINGTON FIELD OFFICE
By: _____

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.)

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	1270	1310	White, cr-gr ss	Ojo Alamo	1270
Kirtland	1310	2150	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1310
Fruitland	2150	2380	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2150
Pictured Cliffs	2380	2460	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2380
Lewis	2460	4025	Shale w/ siltstone stingers	Lewis	2460
Cliffhouse	4025	4250	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4025
Menefee	4250	4610	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4250
Point Lookout	4610	4750	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4610
Mancos	4750	5870	Dark gry carb sh.	Mancos	4750
Gallup	5870	6615	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5870
Graneros	6615	6676	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6615
Dakota	6676		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6676

32. Additional remarks (include plugging procedure):

Well is now producing as Blanco Mesaverde / Basin Dakota under the DHC 4049AZ

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)*

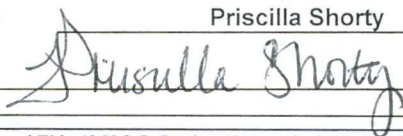
Name (please print)

Priscilla Shorty

Title

Operations Regulatory Technician - Sr.

Signature



Date

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.