

RECEIVED

JUN 17 2019

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Farmington Field Office
Bureau of Land ManagementFORM 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. NMSF-043260C	
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., Other: RECOMPLETE		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Hilcorp Energy Company		7. Unit or CA Agreement Name and No. CA required for the 5 1/2	
3. Address 382 Road 3100, Aztec, NM 87410		8. Lease Name and Well No. Fogelson 4 1E	
3a. Phone No. (include area code) (505) 599-3400		9. API Well No. 30-045-32883	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit A (NENE), 975' FNL & 1085' FEL At top prod. Interval reported below Same as above At total depth Same as above		10. Field and Pool or Exploratory Blanco Mesaverde	
14. Date Spudded 5/8/2005		11. Sec., T., R., M., on Block and Survey or Area Sec. 04, T29N, R11W	
15. Date T.D. Reached 5/21/2005		12. County or Parish San Juan	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 6/12/2019		13. State New Mexico	
17. Elevations (DF, RKB, RT, GL)* 5884' GL		18. Total Depth: 6875'	
19. Plug Back T.D.: 6852'		20. Depth Bridge Plug Set: MD TVD	
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12-1/4"	9-5/8" H-40	32.3#	0	233'	n/a	172 sx		Surface	18 bbls
8-3/4"	7" J-55	20#	0	4034'	n/a	589 sx		Surface	50 bbls
6-1/4"	4-1/2" J-55	10.5#	0	6875'	n/a	229 sx		3826'	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"	6712'								
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Point Lookout	4476'	4819'	1 SPF	.34"	31	open			
B)									
C)									
D) TOTAL					31				

27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval			Amount and Type of Material						
4476' - 4819'			500 gal 15% HCL, 37,535 gal 70Q 20# Linear Gel, 120,140 #'s 20/40 AZ sand and 1,341,550 scf N2						

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
6/13/2019	6/6/2019	1	→	0	38 mcf	27 bwph	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Flowing	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2	N/A	8 psi	→	0	902 mcf/d	648 bbl	n/a		

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.	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)

NMOC'D Rec'd on 6-21-19 AR

ACCEPTED FOR RECORD

JUN 19 2019

FARMINGTON FIELD OFFICE
BY: [Signature]

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	815'	942'	White, cr-gr ss	Ojo Alamo	815'
Kirtland	942'	1868'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	942'
Fruitland	1868'	2131'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1868'
Pictured Cliffs	2131'	2274'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2131'
Lewis	2274'	3144'	Shale w/ siltstone stringers	Lewis	2274'
Chacra	3144'	3703'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3144'
Cliff House	3703'	3868'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	3703'
Menefee	3868'	4466'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3868'
Point Lookout	4466'	4861'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4466'
Mancos	4861'	5739'	Dark gry carb sh.	Mancos	4861'
Gallup	5739'	6460'	Lt. gry to brn calc carb micac ghuc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5739'
Greenhorn	6460'	6519'	Highly calc gry sh w/ thin lmst.	Greenhorn	6460'
Graneros	6519'	6584'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6519'
Dakota	6584'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay Y shale breaks	Dakota	6584'

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC4970-0

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)*

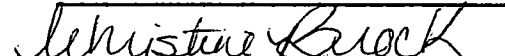
Name (please print)

Christine Brock

Title

Operations/Regulatory Technician

Signature



Date

6/17/19

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.