

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

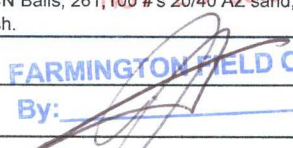
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Bureau of Land Management
Farmington Field Office

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-079232	
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.	
3. Address 382 Road 3100, Aztec, NM 87410		8. Lease Name and Well No. Bolack B 4	
3a. Phone No. (include area code) (505) 599-3400		9. API Well No. 30-045-11820	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit O (SWSE), 825' FSL & 1770' FEL At top prod. Interval reported below At total depth Same as above		10. Field and Pool or Exploratory Blanco Mesaverde	
14. Date Spudded 8/20/1966		11. Sec., T., R., M., on Block and Survey or Area Sec. 30, T27N, R08W, NMPM	
15. Date T.D. Reached 9/1/1966		12. County or Parish San Juan	
16. Date Completed 11/5/2018 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State New Mexico	
17. Elevations (DF, RKB, RT, GL)* 6093' GL			

18. Total Depth: 6698'	19. Plug Back T.D.: 6655'	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		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
12-1/4"	8-5/8" J-55	24#	0	409'		200 sx			
7-7/8"	4-1/2" J-55	10.5# & 11.6#	0	6698'		810 sx			

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"	4487'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Mesaverde	4189'	4498'	1 SPF	0.34"	28	Open			
B)									
C)									
D) TOTAL									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval 4189' - 4498'	Amount and Type of Material Acidized w/1000 gal 15% HCL, 222,000 fluid bbls 70Q Foam, 12 RCN Balls, 261,100 #s 20/40 AZ sand, 2,344,694 scf N2, 26 fluid bbl Flush.
By: 	

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
NA	11/1/2018	1	→	0	17 mcf	9 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	
22/64"	300	N/A	→	0	408 mcf	216 bbl	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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

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	1216'	1337'	White, cr-gr ss	Ojo Alamo	1216'
Kirtland	1337'	1819'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1337'
Fruitland	1819'	2060'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1819'
Pictured Cliffs	2060'	2207'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2060'
Lewis	2207'	2943'	Shale w/ siltstone stringers	Lewis	2207'
Huerfano Bentonite	2517'	2943'		Huerfano Bentonite	2517'
Chacra	2943'	3621'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2943'
Cliffhouse	3621'	3687'	Light gry, med-fine gr ss, carb sh & coal	Cliffhouse	3621'
Menefee	3687'	4321'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3687'
Point Lookout	4321'	4645'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4321'
Mancos	4645'	5500'	Dark gry carb sh.	Mancos	4645'
Gallup	5500'	6307'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5500'
Greenhorn	6307'	6357'	Highly calc gry sh w/ thin lmst.	Greenhorn	6307'
Dakota	6357'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly & shale breaks	Dakota	6357'

32. Additional remarks (include plugging procedure):

Well will be producing as Blanco Mesaverde / Basin Dakota commingle under DHC-4067 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

Christine Brock

Date

11/9/18

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.