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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 25 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Farmingt
Bureau of Land Management
5. Lease Serial No.
NMSF078604

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: _____										
2. Name of Operator Hilcorp Energy Company						8. Lease Name and Well No. MARCOTTE 2				
3. Address 382 Road 3100, Aztec, NM 87410				3a. Phone No. (include area code) (505) 599-3400		9. API Well No. 30-045-29466				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit I (NE/SE) 1540' FSL & 935' FEL At top prod. Interval reported below Same as above At total depth Same as above						10. Field and Pool or Exploratory BLANCO MESAVERDE				
						11. Sec., T., R., M., on Block and Survey or Area Sec. 08, T31N, R10W				
						12. County or Parish San Juan		13. State New Mexico		
14. Date Spudded 6/25/1997		15. Date T.D. Reached 9/14/1997		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/10/2018		17. Elevations (DF, RKB, RT, GL)* 5987' GL				
18. Total Depth: 14020' MD		19. Plug Back T.D.: 7006' MD		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	
48"	Conductor Hole	36#	0	73'		230		0		
24"	20" H-40	94#	0	490'		1300		0	Circ to Surface	
17 1/2"	13 3/8" J-55	68#	0	3101'		3860		0	Circ to Surface	
12 1/4"	9 5/8" L-80	26#	0	7261'		1665		0	Circ to Surface	
8 1/2"	7" J-55 liner	26#	7090'	13484'		1515		7089'	none	
6 1/8"	5" P110 liner	18#	13362'	14019'		160		13362'	3 bbls	
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"	5027'									
25. Producing Intervals					26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status				
A) Point Lookout	5034'	5110'	1 SPF	0.43	20					
B) Menefee	4593'	4949'	1 SPF	0.43	39					
C) Cliffhouse	4506'	4580'	1 SPF	0.43	21					
D) Lewis	3411'	3443'								
27. Acid, Fracture, Treatment, Cement Squeeze, etc.										
Depth Interval 3411' - 5110'		Amount and Type of Material Foam frac'd 301,500 LBS 20/40 AND 94,535 GAL 20# LINEAR GEL AND 3.1 MILLION SCF N2. 70 QUALITY								
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	
7/10/2018	7/10/2018	1	➔	0.0625	25.42	0.1	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 - 286	SI - 286	➔	1.5	610	1.5	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			➔							

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

NMOCD

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	995'	1060'	White, cr-gr ss	Ojo Alamo	995'
Kirtland	1060'	2352'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1060'
Fruitland	2352'	2780'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2352'
Pictured Cliffs	2780'	2957'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2780'
Lewis	2957'	4484'	Shale w/ siltstone stingers	Lewis	2957'
Mesa Verde	4484'	4596'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4484'
Menefee	4596'	5002'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4596'
Point Lookout	5002'	5326'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5002'
Mancos	5326'	6366'	Dark gry carb sh.	Mancos	5326'
Gallup	6366'	7028'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6366'
Greenhorn	7028'	7075'	Highly calc gry sh w/ thin lmst.	Greenhorn	7028'
Graneros	7075'	7138'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7075'
Dakota	7138'	7440'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7138'
Morrison	7440'		Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	7440'

32. Additional remarks (include plugging procedure):

6/20/2018: LEFT MESSAGE W/BLM CMT @ 0700hrs & CONTACTED BRANDON POWELL W/NMOCD @ 0700hrs ON 6/20/2018 TO P&A DAKOTA. TIH 6 3/4" CSG SCRAPER & 228 JTS 2 3/8" TBG. EOT @ 7139'. TOH 228 JTS 2 3/8" TBG & BHA. TIH 7" CIRC & 228 JTS 2 3/8" TBG. SET CIRC @ 7120'. TOH & LD 1 JT 2 3/8" TBG. CIRC WELL CLN. PT CSG TO 2000 psig FOR 15". TST - OKAY. MIRU CMT EQUIP. PT PUMP & LINES - TST - OKAY. PUMP BALANCE PLUG W/36 SX TYPE G CMT (MIXED @ 15.8 ppg, 1.14 CU FT/SX, 4104 CU. FT.) PUMP DOWN TBG W/7 BBLs CMT. TOH 6 JTS 2 3/8" TBG. EOT @ 6521'. REVERSE CIRC TBG CLN. TOH 20 JTS 2 3/8" TBG. EOT @ 6578'. RDMO CMT EQUIP. NO REPS ON LOC TO WITNESS OPS. SDFN.

THIS WELL IS NOW PRODUCING AS A MESAVERDE STANDALONE

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)

Amanda Walker

Title

Operations/Regulatory Technician - Sr.

Signature

Date

7/24/2018

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.