

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 24 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

5. Lease Serial No.
NMSF080751A

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., Other: <u>Recomplete</u>	7. Unit or CA Agreement Name and No.
2. Name of Operator Hilcorp Energy Company	8. Lease Name and Well No. Sunray F 1G
3. Address 382 Road 3100, Aztec, NM 87410	9. API Well No. 30-045-34742
3a. Phone No. (include area code) (505) 599-3400	10. Field and Pool or Exploratory Blanco Mesaverde
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit H (SE/NE) 1350' FNL & 735' FEL At top prod. Interval reported below Same as above At total depth Same as above	11. Sec., T., R., M., on Block and Survey or Area Sec. 26, T30N, R08W
14. Date Spudded 1/15/2009	12. County or Parish San Juan
15. Date T.D. Reached 2/2/2009	13. State New Mexico
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/8/2018	17. Elevations (DF, RKB, RT, GL)* 6292' GL

18. Total Depth: 7453' MD	19. Plug Back T.D.: 7448' 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
12 1/4"	9 5/8", H-40	32.3#	0	346'		200		0	18 bbls
8 3/4"	7", J-55	20#	0	3127'		435		0	43 bbls
6 1/4"	4 1/2", L-80	11.6#		7449'		330			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"	7348'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pointlookout	5144'	5356'	1 SPF	0.34	45	Open
B) Menefee	4700'	5047'	1 SPF	0.34	45	Open
C) Cliffhouse	4490'	4646'	1 SPF	0.34	45	Open
D) Total					135	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5144' - 5356'	FOAM FRAC'D PT LOOKOUT W/152,670 LBS 40/70 & 43,169 GAL SLICKWATER & 1.35 MILLION SCF N2. 70 QUALITY
4700' - 5047'	FOAM FRAC'D MENEFEE W/200,050 LBS 40/70 & 52,729 GAL SLICKWATER & 2.11 MILLION SCF N2. 70 QUALITY
4490' - 4646'	FOAM FRAC'D CLIFFHOUSE W/148,960 LBS 40/70 AND 40,310 GAL SLICKWATER & 2.11 MILLION SCF N2. 70 QUALITY

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
7/9/2018	7/9/2018	1	➡	0	10.6	1.57	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" Seat & Trim	SI- 310	SI-493	➡	0	255	37.7 bwpd	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
			➡						WMOCD
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	JUL 30 2018
			➡						

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

NMOCD A

File amended to correct TOPS 2

DISTRICT III

JUL 30 2018

NMOCD

By: [Signature]

ACCEPTED FOR RECORD

JUL 30 2018

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	1639"	1732'	White, cr-gr ss	Ojo Alamo	1639"
Kirtland	1732'	2509'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1732'
Fruitland	2509'	2894'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2509'
Pictured Cliffs	2894'	3030'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2894'
Lewis	3030'	3610'	Shale w/ siltstone stringers	Lewis	3030'
Huerfano Bentonite	3610'	3862'	White, waxy chalky bentonite		3610'
Chacra	3862'	4385'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3862'
Mesa Verde	4385'	4474'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4385'
Menefee	4474'	4656'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4474'
Point Lookout	4656'	5138'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4656'
Mancos	5138'	5579'	Dark gry carb sh.	Mancos	5138'
Gallup	5579'	6389'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5579'
Greenhorn	6389'	7132'	Highly calc gry sh w/ thin lmst.	Greenhorn	6389'
Graneros	7132'	7185'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7132'
Dakota	7185'	7236'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7185'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		0

32. Additional remarks (include plugging procedure):

This well is now producing as a Blanco Mesaverde / Basin Dakota under DHC 4056AZ.

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.