

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF078125B

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Reserv.,
 Other: **Recompletion**

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
Pierce A 4

3. Address: **382 Road 3100, Aztec, NM 87410**
 3a. Phone No. (include area code): **(505) 599-3400**

9. API Well No.
30-045-26597

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **Unit P (SE/SE) 790' FSL & 1160' FEL**

10. Field and Pool or Exploratory
Basin Dakota / Blanco Mesaverde

At top prod. Interval reported below **Same as above**

11. Sec., T., R., M., on Block and Survey or Area
Sec. 13, T30N, R10W

At total depth **Same as above**

12. County or Parish: **San Juan**
 13. State: **New Mexico**

14. Date Spudded: **12/8/1985**
 15. Date T.D. Reached: **12/15/1985**
 16. Date Completed: **10/24/2018**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6302' GL

18. Total Depth: **7552' MD**
 19. Plug Back T.D.: **7538' MD**

20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, MIT

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit report)
 Directional Survey? No 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	225'		230			
8 3/4"	7" K-55	20	0	3313'		299			
6 1/4"	4 1/2" K-55	10.5 / 11.6		7552		346			

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"	7426.73							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pointlookout	5218'	5356'	1 SPF	0.34	35	Open
B) Menefee	4914'	5123'	1 SPF	0.34	20	Open
C) Cliffhouse	4600'	4795'	1 SPF	0.34	35	Open
D) Total					90	

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

Depth Interval	Amount and Type of Material
3323' - 3355' (Csg Squeeze) 4600' - 5356'	BATCH MIX 10 BBLs OF CMT @ 15.8# AND PMP DWN TBG, PMP 475 SACKS GLASS G NEAT CMT, 97.3 BBLs 15.8# SLURRY. DISPLACE W/12BBLs OF WATER. FOAM FRAC'D MESAVERDE WITH 308,872 LBS 40/70 AND 86,314 GAL SLICKWATER AND 2.92 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
10/27/2018	10/27/2018	1	→	0	11.3	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	
	SI - 311	SI - 311	→	0	272	10	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)

NMCOOL

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	1663	1797	White, cr-gr ss	Ojo Alamo	1663
Kirtland	1797	2411	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1797
Fruitland	2411	2968	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2411
Pictured Cliffs	2968	3981	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2968
Chacra	3981	4578	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3981
Mesa Verde	4578	4791	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4578
Menefee	4791	5218	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4791
Point Lookout	5218	5566	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5218
Mancos	5566	0	Dark gry carb sh.	Mancos	5566
Gallup		0	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	0
Greenhorn		0	Highly calc gry sh w/ thin lmst.	Greenhorn	0
Graneros		0	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	0
Dakota		0	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	0
Morrison		0	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 4077AZ.

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 *Amanda Walker* Date 10/29/2018

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.