

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APR 05 2018

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

SF-078417

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resv.,

Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

PO Box 4700, Farmington, NM 87499

3a. Phone No. (include area code)

(505) 599-3400

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

At surface Unit E (SWNW), 1850' FNL & 865' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

6/14/1981

15. Date T.D. Reached

6/23/1981

16. Date Completed

3/24/2018

☐ D & A☒ Ready to Prod.

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

6023' GL

18. Total Depth:

7182'

19. Plug Back T.D.:

7175'

20. Depth Bridge Plug Set:

MD

TVD

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

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" K-55	40#	0	234'	n/a	612 cf		surface	
8 3/4"	7" K-55	20#	0	2978'	n/a	355 cf		surface	
6 1/4"	4 1/2" K-55	10.5#	TOL 2261'	7182'	n/a	652 cf		2550'	

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"	7125'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	4873'	5064'	1 SPF	.34"	18	open
B) Menefee	4525'	4814'	1 SPF	.34"	19	open
C) Cliffhouse	4293'	4452'	1 SPF	.34"	20	open
D) TOTAL					57	

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

Depth Interval	Amount and Type of Material
4873' - 5064'	Acidized w/ 500 gals 15% HCl.
4525' - 4814'	Acidized w/ 500 gals 15% HCl.
4293' - 4452'	Acidized w/ 500 gals 15% HCl.
4293' - 5064'	Frac w/ 65 Q N2 foam, 20# linear base gel, 302,960# 20/40 AZ sand, 3,527,645 SCF N2, 2,485 bbls liquid 80% foam flush.

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
3/26/2018	3/22/2018	3	→	0	74 mcf	2 bbls	n/a		Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64	0 psi	95 psi	→	0	590 mcf/d	12 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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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

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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	1820'	1917'	White, cr-gr ss	Ojo Alamo	1820'
Kirtland	1917'	2246'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1917'
Fruitland	2246'	2668'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2246'
Pictured Cliffs	2668'	2800'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2668'
Lewis	2800'	3280'	Shale w/ siltstone stringers	Lewis	2800'
Chacra	3280'	4030'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3280'
Cliffhouse	4030'	4455'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4030'
Menefee	4455'	4883'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4455'
Point Lookout	4883'	5358'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4883'
Mancos	5358'	6092'	Dark gry carb sh.	Mancos	5358'
Gallup	6092'	6832'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6092'
Greenhorn	6832'	6897'	Highly calc gry sh w/ thin lmst.	Greenhorn	6832'
Graneros	6897'	6897'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6897'
Dakota	6897'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6897'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This is a commingled MV/DK well being commingled per DHC 3979AZ. Density Exception R-14558.

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)

Kandis Roland

Title

Operations/Regulatory Technician

Signature

Kandis Roland

Date

3/28/17

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.