

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

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

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

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

At surface Unit P (SESE), 880' FSL & 940' FEL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

7/14/1999

15. Date T.D. Reached

7/22/1999

16. Date Completed

8/1/2021

☐ D & A

☒ Ready to Prod.

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

6268'

18. Total Depth

7841'

19. Plug Back T.D.

7805'

20. Depth Bridge Plug Set

MD

TVD

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

CBL

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8" H-40	32.3#	0	236'	n/a	230 sx			
8 3/4"	7" J-55	20#	0	3521'	n/a	560 sx			
6 1/4"	4 1/2" J-55	10.5 & 11.6#	0	7838'	n/a	434 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"	7679'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4966'	5528'	1 SPF	.33"	50	open
B)						
C)						
D) TOTAL					50	

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

Depth Interval	Amount and Type of Material
4966'-5528'	Broke well w/ H2O and 1400 gal 15% HCL. Foam Frac w/ 50,283 gal of 70 Q slick water, 293 682# 20/40 sand, 2.85M SCF N2
4930'	Cement Squeeze - Pump 100 sx (25 bbls, 141 cf, 1.41 yd) Type III w/ 2% CaCl2 at 14.8 PPG
4720'	Cement Squeeze - Pump 179 sx (37 bbls, 208 cf, 1.16 yd) class G Neat cmt at 15.8 PPG
4360'	Cement Squeeze - Pumped 110 sx (27 bbls, 152 cf, 1.38 yd) of Type III Neat Cmt

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
8/1/2021	8/1/2021	24	→	0	692 mcf	18 bbls	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	
38/64"	200 psi	400 psi	→	0	692 mcf/d	18 bwpd	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)

ACCEPTED FOR RECORD
SEP 09 2021
FARMINGTON FIELD OFFICE
BY: *Therrell Beasly*
BLM Petroleum Engineer

RECEIVED

SEP 7 2021

FARMINGTON FIELD OFFICE

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	2283'	2393'	White, cr-gr ss	Ojo Alamo	2283'
Kirtland	2393'	2946'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2393'
Fruitland	2946'	3192'	Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss	Fruitland	2946'
Pictured Cliffs	3192'	3370'	Gray, fine grn, tight ss	Pictured Cliffs	3192'
Lewis	3370'	3818'	Shale w/ siltstone stringers	Lewis	3370'
Chacra	3818'	4747'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	3818'
Cliffhouse	4747'	5063'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4747'
Menefee	5063'	5460'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5063'
Point Lookout	5460'	5742'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5460'
Mancos	5742'	6438'	Dark gry carb sh	Mancos	5742'
Gallup	6438'	7372'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg interbed sh	Gallup	6438'
Greenhorn	7372'	7427'	Highly calc gry sh w/ thin lmst	Greenhorn	7372'
Graneros	7427'	7497'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7427'
Dakota	7497'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7497'
Morrison			Interbed grn, brn & red waxy sh & fine to coard gm ss		

32. Additional remarks (include plugging procedure)

KR
Dakota - ~~NMSF07~~ NMSF079382 - C1 Lease Basis
This well is currently producing as a MV/DK commingle per DHC 4006. MV PA - NMNM078420A - C2
KR 09/09/2021

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 9/1/2021

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.

(Continued on page 3)

(Form 3160-4, page 2)

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 49846

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49846
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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COMMENTS

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COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 9/22/2021	9/22/2021

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CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	9/22/2021