

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

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 I (NESE), 2332' FSL & 1109' FEL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded
1/12/2004

15. Date T.D. Reached
10/8/2005

16. Date Completed 7/20/2021
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6329' GL

18. Total Depth: 7765'

19. Plug Back T.D.: 7690'

20. Depth Bridge Plug Set MD 5888'
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" H-40	32.3#	0	146'	n/a	100 sx		surface	10 bbls
8 3/4"	7" J-55	20#	0	2898'	n/a	438 sx		surface	55 bbls
6 1/4"	4 1/2" J-55	10.5#	0	7764'	n/a	401 sx		1860'	

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"	5449'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5371'	5522'	1 SPF	.33"	25	open
B) Menefee	5064'	5338'	1 SPF	.33"	25	open
C) Cliffhouse	4928'	5030'	1 SPF	.33"	25	open
D) TOTAL					75	

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

Depth Interval	Amount and Type of Material
5371' - 5522'	Frac w/ 68,690 gal of 65 Q #20 gel foam, 102,353# 20/40 sand, 1,089,378 SCF N2, 87 bbls foam Fluid Flush
5064' - 5338'	Frac w/ 95,020 gals of 60 Q #20 gel foam, 90,288# 20/40 sand, 1,196,586 SCF N2, 72 bbls Fluid flush
4928' - 5030'	Frac w/ 67,800 gals of 70 Q #20 gel foam, 90,651# 20/40 sand, 868,144 SCF N2, 30 bbls Fluid 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
7/20/2021	7/20/2021	24	→	0	282 mcf	20 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	
48/64"	82 psi	274 psi	→	0	282 mcf/d	20 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)

BLM Petroleum Engineer

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	2256'	2356'	White, cr-gr ss	Ojo Alamo	2256'
Kirtland	2356'	2932'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2356'
Fruitland	2932'	3199'	Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss	Fruitland	2932'
Pictured Cliffs	3199'	3408'	Bn-Gry, fine gm, tight ss	Pictured Cliffs	3199'
Lewis	3408'	4172'	Shale w/ siltstone stringers	Lewis	3408'
Chacra	4172'	4735'	Gry fn gm silty, glauconitic sd stone w/ dk gry shale	Chacra	4172'
Cliffhouse	4735'	5035'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4735'
Menefee	5035'	5365'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5035'
Point Lookout	5365'	5788'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5365'
Mancos	5788'	6617'	Dark gry carb sh	Mancos	5788'
Gallup	6617'	7369'	Lt gry to brn calc carb micac glauc silts & very fine gry gr ss w/ irreg interbed sh	Gallup	6617'
Greenhorn	7369'	7429'	Highly calc gry sh w/ thin lmsl	Greenhorn	7369'
Graneros	7429'	7475'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7429'
Dakota	7475'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay shale breaks	Dakota	7475'
Morrison			Interbed gm, brn & red waxy sh & fine to coard gm ss		

32. Additional remarks (include plugging procedure)

PA NMNM078417A does exist

This well is currently producing as a MV Standalone, DK is TA'd. MV PA - NMNM078417A - Sφ3

No PA only Lease Basis KR 9/14/2021

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 RolandTitle Operations/Regulatory TechnicianSignature Kandis RolandDate 8/24/2021

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 49766

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49766
	Action Type: [C-104] Completion Packet (C-104C)

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