

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 N (SESW), 1120' FSL & 1620' FWL,

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded
1/6/1981

15. Date T.D. Reached
1/12/1981

16. Date Completed 7/22/2021
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6718' GL

18. Total Depth: 7912'

19. Plug Back T.D.: 7906'

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	WI (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" LSS	40#	0	245'	n/a	224 cf			
8 3/4"	7" K-55	20#	0	3602'	n/a	361 cf			
6 1/4"	4 1/2" K-55	10.5 & 11.6#	0	7859'	n/a	685 cf			

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"	7753'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout	5608'	5785'	1 SPF	.33"	25	open
B) Menefee	5263'	5520'	1 SPF	.33"	25	open
C) Cliffhouse	5017'	5164'	1 SPF	.33"	25	open
D) TOTAL					75	

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

Depth Interval	Amount and Type of Material
5608'-5785'	Frac w/ 108.588 gal of 70 Q #20 gel foam, 112.563# 20/40 sand, 1,395.247 SCF N2, 90 bbls foam flush
5263'-5520'	Frac w/ 92.267 gals of 60 Q #20 gel foam, 91.637# 20/40 sand, 1,256.177 SCF N2, 86 bbls foam flush
5017'-5164'	Frac w/ 72.122 gals of 70Q #20 gel foam, 73.166# 20/40 sand, 955.671 SCF N2, 75 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
7/22/2021	7/22/2021	24	→	0	595 mcf	25 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"	100 psi	450 psi	→	0	595 mcf/d	25 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
			→						Flowing
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)

ACCEPTED FOR RECORD

SEP 07 2021

FARMINGTON FIELD OFFICE
BY: [Signature]

RECEIVED

FARMINGTON FIELD OFFICE

Sam Petroleum Engineer

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	2475'	2600'	White, cr-gr ss	Ojo Alamo	2475'
Kirtland	2600'	3045'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2600'
Fruitland	3045'	3368'	Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss	Fruitland	3045'
Pictured Cliffs	3368'	3450'	Bn-Gry, fine gm, tight ss	Pictured Cliffs	3368'
Lewis	3450'	4348'	Shale w/ siltstone stringers	Lewis	3450'
Chacra	4348'	5010'	Gry fn gm silty, glauconitic sd stone w/ drk gry shale	Chacra	4348'
Cliffhouse	5010'	5169'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5010'
Menefee	5169'	5593'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5169'
Point Lookout	5593'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5593'
Mancos		6610'	Dark gry carb sh	Mancos	
Gallup	6610'	7548'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh	Gallup	6610'
Greenhorn	7548'	7607'	Highly calc gry sh w/ thin lmst	Greenhorn	7548'
Graneros	7607'	7741'	Dk gry shale, fossil & carb sl silty ss w/ pyrite incl	Graneros	7607'
Dakota	7741'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay shale breaks	Dakota	7741'
Morrison			Interbed gm, brn & red waxy sh & fine to coars gm ss		

32. Additional remarks (include plugging procedure):

Dakota - NMNM 78413C - C1

This well is currently producing as a MV/DK commingle per DHC 4945. MV PA - NMNM078413A

KR 09/10/2021

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 49770

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49770
	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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	Action Type: [C-105] Well (Re)Completion (C-105)

COMMENTS

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

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	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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