

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMSF078281	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.		6. If Indian, Allottee or Tribe Name	
Other RECOMPLETE		7. Unit or CA Agreement Name and No. San Juan 29-5 Unit	
2. Name of Operator Hilcorp Energy Company		8. Lease Name and Well No. San Juan 29-5 Unit 68	
3. Address PO Box 4700, Farmington, NM 87499		9. API Well No. 30-039-20712	
3a. Phone No. (include area code) (505) 599-3400		10. Field and Pool or Exploratory Blanco Mesaverde	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit A (NENE), 1180' FNL & 1180' FEL At top prod. Interval reported below Same as above At total depth Same as above		11. Sec., T., R., M., on Block and Survey or Area Sec. 18, T29N, R5W	
14. Date Spudded 10/28/1973		15. Date T.D. Reached 11/10/1973	
16. Date Completed 7/27/2021 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6500'	
18. Total Depth 7959'		19. Plug Back T.D. 7953'	
20. Depth Bridge Plug Set MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			

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
13 3/4"	9 5/8" H-40	32.3#	0	220'	n/a	461 cf			
8 3/4"	7" J-55	20#	0	3782'	n/a	273 cf			
6 1/4"	4 1/2" J-55	10.5 & 11.6#	0	7959'	n/a	644 cf			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7839'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5535'	5928'	1 SPF	.33"	25	open
B) Cliffhouse/Upper Menefee	5254'	5500'	1 SPF	.33"	25	open
C) TOTAL					50	
D) TOTAL						

Depth Interval	Amount and Type of Material
5535'-5928'	Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 42 841 gal of 70 Q slick water, 147.701# 20/40 sand, 1.61M SCF N2
5254'-5500'	Frac w/ 39 088 gal of 70 Q slickwater, 143.937# 20/40 sand, 1.38M SCF N2.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/27/2021	7/27/2021	24	→	0	508 mcf	0 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	
2 1/4"	429 psi	627 psi	→				n/a	Producing	

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	
			→						

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

Received by OCD: 9/17/2021 12:28:52 PM

Released to Imaging: 9/22/2021 11:31:04 AM

SEP 10 2021

FARMINGTON FIELD OFFICE
BY: [Signature]

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 (Sold, 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	2636'	2763'	White, cr-gr ss	Ojo Alamo	2636'
Kirtland	2763'	2975'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2763'
Fruitland	2975'	3448'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2975'
Pictured Cliffs	3448'	4453'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3448'
Chacra	4453'	5296'	Gry fin grn silty glauconitic sd stone w/ drk gry shale	Chacra	4453'
Cliffhouse	5296'	5346'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5296'
Menefee	5346'	5636'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5346'
Point Lookout	5636'	6122'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5636'
Mancos	6122'	6871'	Dark gry carb sh	Mancos	6122'
Gallup	6871'	7612'	Lt gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh	Gallup	6871'
Greenhorn	7612'	7663'	Highly calc gry sh w/ thin linst	Greenhorn	7612'
Graneros	7663'	7792'	Dk gry shale, fossil & carb w/ pyrite incl	Graneros	7663'
Dakota	7792'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands clay shale breaks	Dakota	7792'
Morrison			Interbed grn, brn & red waxy sh & fine to coars grn ss		

32. Additional remarks (include plugging procedure)

Dakota - PA NMNM78415B-C1

This well is currently producing as a MV/DK commingle per DHC 4887. MV PA - NMNM078415A - C2

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 8/27/2021

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 49804

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49804
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	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 Number: 49804
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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