

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. NMSF079522	
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 28-5 Unit	
2. Name of Operator Hilcorp Energy Company		8. Lease Name and Well No. San Juan 28-5 Unit 45	
3. Address 382 Rd 3100, Aztec NM 87410		9. API Well No. 30-039-20063	
3a. Phone No. (include area code) (505) 333-1700		10. Field and Pool or Exploratory Blanco Mesaverde	
4. Location of Well (Report location clearly and in accordance with Federal requirements) *		11. Sec., T., R., M., on Block and Survey or Area Sec. 36, T28N, R5W	
At surface Unit G (SWNE), 1500' FNL & 1840' FEL,		12. County or Parish Rio Arriba	
At top prod. Interval reported below Same as above		13. State New Mexico	
At total depth Same as above		17. Elevations (DF, RKB, RT, GL)* 6750'	
14. Date Spudded 8/21/1967	15. Date T.D. Reached 8/28/1967	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/30/2021	
18. Total Depth 8104'	19. Plug Back T.D. 8085'	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)	

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
13 3/4"	9 5/8" H-40	32.3#	0	323'	n/a	270 sx			
8 3/4"	7" J-55	20#	0	3880'	n/a	150 sx			
6 1/4"	4 1/2" J-55	10.5 & 11.6#	0	8104'	n/a	450 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"	7917'								
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Point Lookout/Lower Menefee	5617'	5953'	1 SPF	.33"	25	open			
B) Cliffhouse/Upper Menefee	5339'	5580'	1 SPF	.33"	25	open			
C) TOTAL					50				
D) TOTAL									

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval 5617'-5953'		Broke well w/ H2O and 500 gal 15% HCL. Foam frac w/ 38,951 gal of 70 Q slick water, 145,228# 20/40 sand. 1.52M SCF N2
5339'-5580'		Broke well w/ H2O and 500 gal 15% HCL. Foam frac w/ 37,185 gal of 70 Q slickwater, 120,927# 20/40 sand. 1.42M SCF N2

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
7/30/2021	7/30/2021	24	→	0	544 mcf	22 bbls	n/a	n/a	Flowing
Shoe Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64"	200 psi	400 psi	→	0	544 mcf	22 bbls	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
			→						
Shoe Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			→						

Received by: OCD: 9/17/2021 12:42:54 PM

Released to Imaging: 9/22/2021 3:00:06 PM

RECEIVED

SEP 7 2021

ACCEPTED FOR RECORD

SEP 13 2021

FARMINGTON FIELD OFFICE

BY: MCF

BLM 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	3208'	3391'	White, cr-gr ss	Ojo Alamo	3208'
Kirtland	3391'	3559'	Gry sh interbedded w/ tight, gry, fine-gr ss	Kirtland	3391'
Fruitland	3559'	3972'	Dk gry-gr carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3559'
Lewis	3972'	4750'	Shale w/ siltstone stringers	Lewis	3972'
Chacra	4750'	5383'	Gry fn gm silty, glauconitic sd stone w/ dk gry shale	Chacra	4750'
Cliffhouse	5383'	5473'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5383'
Menefee	5473'	5802'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5473'
Point Lookout	5802'	6302'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5802'
Mancos	6302'	6792'	Dark gry carb sh.	Mancos	6302'
Gallup	6792'	7776'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6792'
Greenhorn	7776'	7827'	Highly calc gry sh w/ thin lmst.	Greenhorn	7776'
Graneros	7827'	7952'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7827'
Dakota	7952'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7952'
Morrison			Interbed gm, brn & red waxy sh & fine to coars gm ss		

32. Additional remarks (include plugging procedure):

Dakota PA - NMNM078411B-C1

This well is currently producing as a MV/DK commingle per DHC 4921. MV PA - NMNM078411A - C2

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 9/1/2021

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 49815

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 49815
	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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COMMENTS

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

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CONDITIONS

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

CONDITIONS

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