

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-21332	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318713	⁸ Property Name San Juan 29-7 Unit	⁹ Well Number 111

II. ¹⁰ Surface Location

UI or lot no. K	Section 31	Township 29N	Range 7W	Lot Idn	Feet from the 2110	North/SouthLine South	Feet from the 1395	East/West line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/SouthLine	Feet from the	East/West line	County
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company	O
151618	Enterprise Filed Services	G

IV. Well Completion Data

²¹ Spud Date 9/6/1978	²² Ready Date 5/26/2022	²³ TD MD 7829'	²⁴ PBTD MD 7812'	²⁵ Perforations 4936'-5633'	²⁶ DHC, MC DHC-5033
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
13 3/4"		9 5/8", 36#, KS	218'		224 cf
8 3/4"		7", 20#, KS	3605'		278 cf
6 1/4"		4 1/2", 10.5 & 11.6#, KS	7829'		650 cf
		2 3/8", 4.7#, J-55	7766'		

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 5/26/22	³³ Test Date 5/26/22	³⁴ Test Length 24hr	³⁵ Tbg. Pressure 300 psi	³⁶ Csg. Pressure 240 psi
³⁷ Choke Size 32/64"	³⁸ Oil 0	³⁹ Water 0 bwpd	⁴⁰ Gas 544 mcfd		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <div>Kandis Roland</div> Printed name: Kandis Roland Title: Operations Regulatory Tech Sr. E-mail Address: kroland@hilcorp.com Date: 6/10/22 Phone: (713) 757-5246		OIL CONSERVATION DIVISION	
		Approved by: John Garcia	
		Title: Petroleum Engineer	
		Approval Date: 7/29/2022	

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 31 / NESW / 36.68103 / -107.613983	County or Parish/State: RIO ARRIBA / NM
Well Number: 111	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078503	Unit or CA Name: SAN JUAN 29-7 UNIT--DK	Unit or CA Number: NMNM78417B
US Well Number: 3003921332	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2676105

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/10/2022

Date Operation Actually Began: 04/01/2022

Type of Action: Recompletion

Time Sundry Submitted: 08:34

Actual Procedure: Well was recompleted in the Mesaverde and commingled with existing Dakota. Please see attached operational reports.

SR Attachments

Actual Procedure

SJ_29_7_Unit_111_Recomplete_Sundry_20220610083408.pdf

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 31 / NESW / 36.68103 / -107.613983	County or Parish/State: RIO ARRIBA / NM
Well Number: 111	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078503	Unit or CA Name: SAN JUAN 29-7 UNIT--DK	Unit or CA Number: NMNM78417B
US Well Number: 3003921332	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KANDIS ROLAND

Signed on: JUN 10, 2022 08:34 AM

Name: HILCORP ENERGY COMPANY

Title: Operation Regulatory Tech

Street Address: 382 Road 3100

City: Farmington

State: NM

Phone: (505) 599-3400

Email address: kroland@hilcorp.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 06/13/2022

Signature: Kenneth Rennick

San Juan 29-7 Unit 111
API # 30-039-21332
Recomplete Subsequent Sundry

4/1/22 SIBHP- 0, SIICP-0, SITP- 180, SICP- 180. MIRU. ND WH, NU BOP. PT BOP, good test. TOO H and scan tbg. SIW. SDFN.

4/4/22 SIBHP- 0, SIICP-0, SITP- 180, SICP- 180. BD well. RIH w/ mill. TOO H w/ mill. TIH and set **CIBP @ 7541'**. PT csg to 500 psi. Good Test. SIW. SDFN

4/5/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. Run CBL from 7500' to surface. TOC @ 3610'.
Submitted CBL to Monica Kuehling/OCD and Kenny Rennick/BLM. Received verbal approval on 4/5 & 4/8 to procedure with recomplete. MIT 560 psi for 30 min witness by Lenny Moore, OCD. Good test. RIH & set **CBP @ 5820'**. RD wireline. PT csg to 3800 psi. for 30 min. Good test. ND BOP, NU Frac Stack. PT Frac Stack, good test. RDMO

5/19/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. RU wireline. RIH & Perf **PT Lookout** w/.33" diam.- 1SPF @: 5524', 5526', 5530', 5541', 5543', 5546', 5548', 5562', 5566', 5568', 5572', 5574', 5576', 5578', 5580', 5582', 5584', 5586', 5588', 5603', 5604', 5606', 5608', 5631', 5633'= **25** holes. POOH. RD wireline. RU Frac crew. PT Lookout (5524' – 5633') Foam Frac w/ 99,389 gal of 70 Q slick water, 107,000# 20/40 sand, 1.08M SCF N2. RIH and set **frac plug @ 5510'**. POOH. RIH & perf **Menefee** w/.33" diam.- 1SPF @: 5186', 5188', 5215', 5248', 5250', 5256', 5258', 5324', 5326', 5328', 5330', 5332', 5351', 5353', 5396', 5398', 5404', 5408', 5410', 5412', 5429', 5431', 5488', 5496', 5499'= **25** holes. POOH. Frac Menefee ('5186 – 5499') Foam Frac w/ 111,248 gal of 70 Q slick water, 92,000# 20/40 sand, 1.22M SCF N2. RIH and set **frac plug @ 4900'**. POOH. RIH & Perf **Cliffhouse** w/.33" diam.- 1SPF @: 4936', 4938', 4940', 4942', 4948', 4950', 4952', 4958', 5981', 4983', 4988', 4990', 4997', 5006', 5008', 5018', 5019', 5056', 5062', 5064', 5072', 5074', 5076', 5078', 5080'= **25** holes. POOH. RD wireline. Frac Cliffhouse (4936' – 5080'). Foam Frac w/ 100,407 gal of 70 Q slick water, 102,760# 20/40 sand, 1M SCF N2. RIH & set **CBP @ 3950'**. TOO H. SIW. SDFN.

5/21/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. MIRU. ND Frac Stack, NU BOP. TIH w/ mill tag fill @ 3926' PU. SIW. SDFN.

5/22/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. C/O well. D/O **CBP @ 3950'**. Trace sand. RIH & D/O **Frac Plug @ 4900'**. C/O well. RIH & D/O **frac plug @ 5510'**. C/O well. TIH D/O **CBP 5820'**. C/O well. TOO H. SIW. SDFN.

5/23/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 500. RIH C/O well. D/O **CIBP @ 7541'**. C/O well. TOO H. LD tbg. TIH & land 244 jts 2 3/8", 4.7# J-55 **tbg set @ 7766'** with S-Nipple @ 7764'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

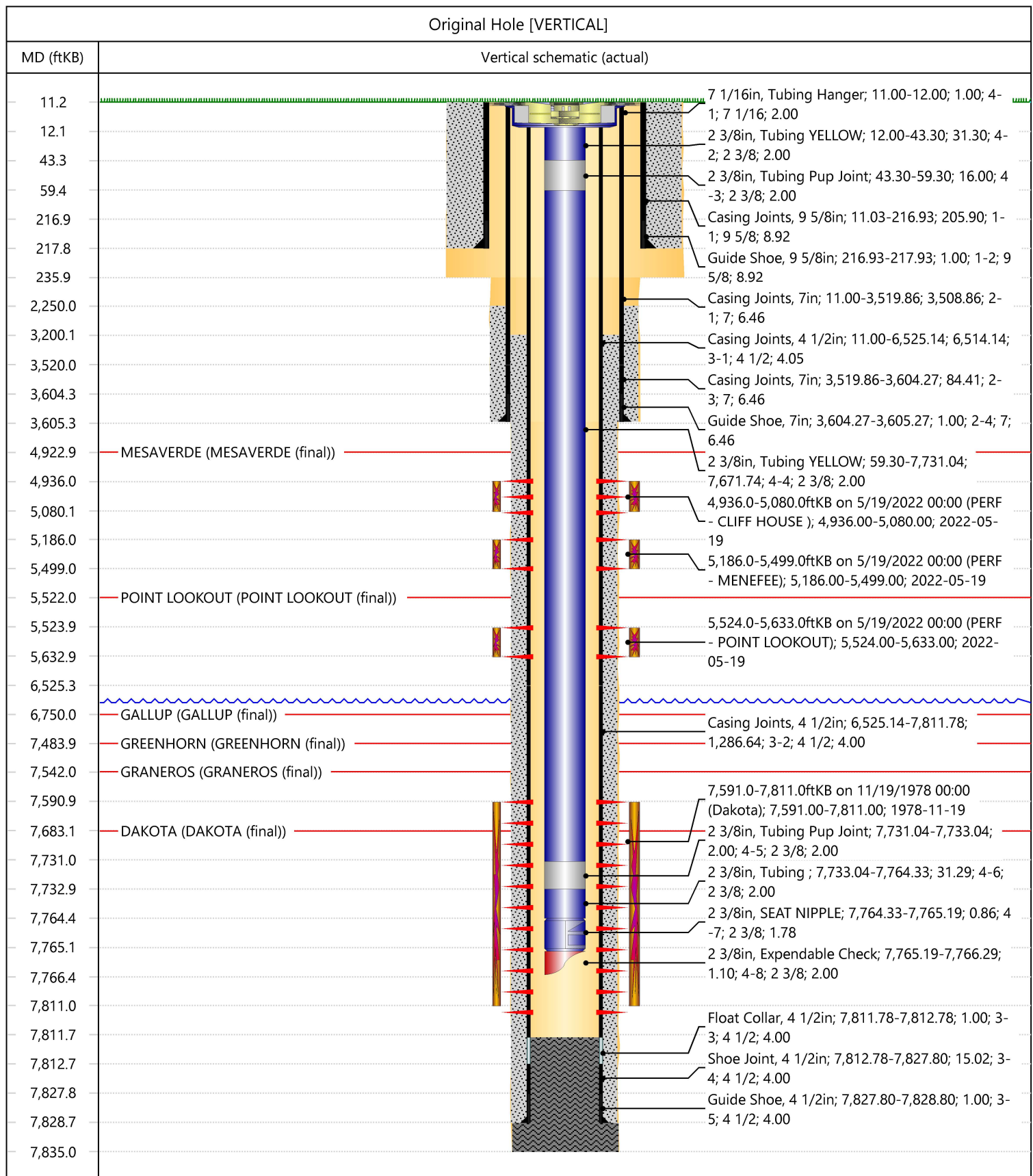
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

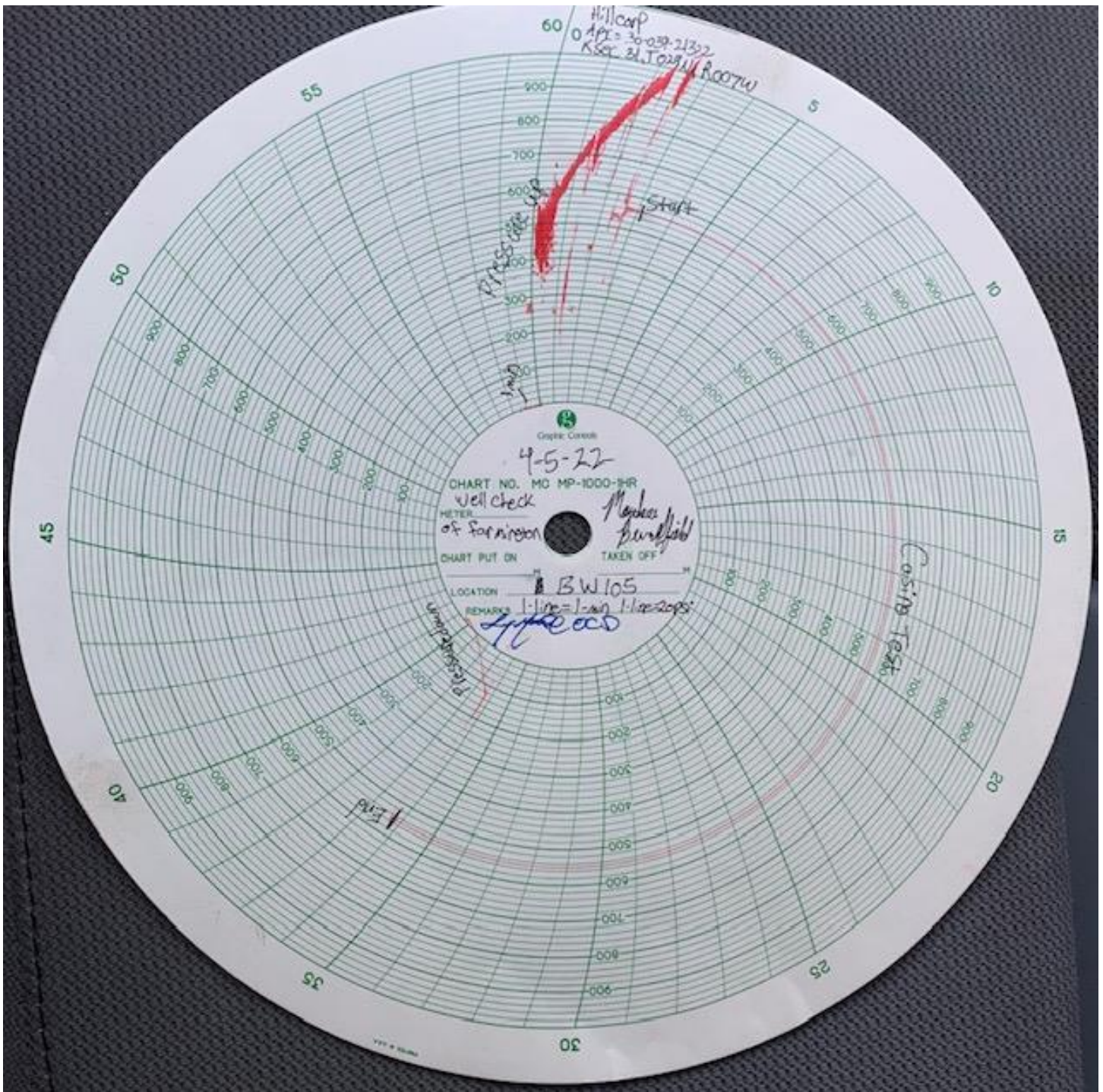


Current Schematic

Well Name: SAN JUAN 29-7 UNIT #111

API / UWI 3003921332	Surface Legal Location 031-029N-007W-K	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1004	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,642.00	Original KB/RT Elevation (ft) 6,653.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	





Form 3160-4
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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., Other: <u>RECOMPLETE</u>						5. Lease Serial No. NMSF078503																																																																																	
2. Name of Operator Hilcorp Energy Company						6. If Indian, Allottee or Tribe Name 																																																																																	
3. Address 382 Rd 3100, Aztec NM 87410				3a. Phone No. (include area code) (505) 333-1700		7. Unit or CA Agreement Name and No. San Juan 29-7 Unit																																																																																	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit K (NESW), 2110' FSL & 1395' FWL At top prod. Interval reported below Same as above At total depth Same as above						8. Lease Name and Well No. San Juan 29-7 Unit 111																																																																																	
14. Date Spudded 9/6/1978						15. Date T.D. Reached 9/16/1978																																																																																	
16. Date Completed 5/26/2022 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						9. API Well No. 30-039-21332																																																																																	
18. Total Depth: 7829'						19. Plug Back T.D.: 7812'																																																																																	
20. Depth Bridge Plug Set: MD TVD						10. Field and Pool or Exploratory Blanco Mesaverde																																																																																	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL						11. Sec., T., R., M., on Block and Survey or Area Sec. 31, T29N, R7W																																																																																	
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)						12. County or Parish Rio Arriba																																																																																	
23. Casing and Liner Record (Report all strings set in well)						13. State New Mexico																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Hole Size</th> <th>Size/Grade</th> <th>Wt. (#/ft.)</th> <th>Top (MD)</th> <th>Bottom (MD)</th> <th>Stage Cementer Depth</th> <th>No. of Sks. & Type of Cement</th> <th>Slurry Vol. (BBL)</th> <th>Cement top*</th> <th>Amount Pulled</th> </tr> </thead> <tbody> <tr> <td>13 3/4"</td> <td>9 5/8" KS</td> <td>36#</td> <td>0</td> <td>218'</td> <td>n/a</td> <td>224 cf</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8 3/4"</td> <td>7" KS</td> <td>20#</td> <td>0</td> <td>3605'</td> <td>n/a</td> <td>278 cf</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6 1/4"</td> <td>4 1/2" KS</td> <td>11.6 & 10.5#</td> <td>0</td> <td>7829'</td> <td>n/a</td> <td>650 cf</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>								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" KS	36#	0	218'	n/a	224 cf				8 3/4"	7" KS	20#	0	3605'	n/a	278 cf				6 1/4"	4 1/2" KS	11.6 & 10.5#	0	7829'	n/a	650 cf																																											
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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"	7766'																																																																																						
25. Producing Intervals				26. Perforation Record																																																																																			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status																																																																																	
A) Point Lookout	5524'	5633'	1 SPF	.33"	25	open																																																																																	
B) Menefee	5186'	5499'	1 SPF	.33"	25	open																																																																																	
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D) TOTAL					75																																																																																		
27. Acid, Fracture, Treatment, Cement Squeeze, etc.																																																																																							
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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																																																																														
5/26/2022	5/26/2022	24		0	544 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																																																																															
32/64"	300 psi	240 psi		0	544 mcf/d	0 bwpd	n/a	Producing																																																																															
28a. Production - Interval B																																																																																							
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*(See instructions and spaces for additional data on page 2)

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	2386'	2566'	White, cr-gr ss	Ojo Alamo	2386'
Kirtland	2566'	2843'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2566'
Fruitland	2843'	3312'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2843'
Pictured Cliffs	3312'	3417'			3312'
Lewis	3417'	4272'	Shale w/ siltstone stringers	Lewis	3417'
Chacra	4272'	4923'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4272'
Cliffhouse	4923'	5090'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4923'
Menefee	5090'	5522'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5090'
Point Lookout	5522'	5890'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5522'
Mancos	5890'	6750'	Dark gry carb sh.	Mancos	5890'
Gallup	6750'	7484'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6750'
Greenhorn	7484'	7542'	Highly calc gry sh w/ thin lmst.	Greenhorn	7484'
Graneros	7542'	7683'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7542'
Dakota	7683'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7683'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/DK commingle per DHC 5033. MV PA - NMNM078417A

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 6/10/2022

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)

Kandis Roland

From: blm-afmss-notifications@blm.gov
Sent: Monday, June 13, 2022 11:41 AM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 29-7 UNIT, Well Number: 111, Notification of Well Completion Acceptance

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 29-7 UNIT**
- Well Number: **111**
- US Well Number: **3003921332**
- Well Completion Report Id: **WCR2022061384776**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

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 116691

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116691
	Action Type: [C-104] Completion Packet (C-104C)

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.

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

CONDITIONS

Action 116691

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116691
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	7/29/2022