

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 30-039-20208	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)	
⁶ Pool Code 72319		
⁷ Property Code 318920	⁸ Property Name San Juan 27-5 Unit	⁹ Well Number 83

II. ¹⁰ Surface Location

UI or lot no. B	Section 9	Township 27N	Range 5W	Lot Idn	Feet from the 790	North/SouthLine North	Feet from the 1560	East/West line East	County Rio Arriba
--------------------	--------------	-----------------	-------------	---------	----------------------	--------------------------	-----------------------	------------------------	----------------------

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 Refinery	O
373888	Harvest Four Corners	G

IV. Well Completion Data

²¹ Spud Date 5/21/1969	²² Ready Date 5/19/2022	²³ TD MD 8042'	²⁴ PBTD MD 8031'	²⁵ Perforations 4562'- 6137'	²⁶ DHC, MC DHC-4918
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
13 3/4"		9 5/8", 32.3#, H-40	215'		200 sx
8 3/4"		7", 20#, J-55	3820'		150 sx
6 1/4"		4 1/2", 10.5 & 11.6#, J-55	8042'		360 sx
		2 3/8", 4.7#, J-55	7904'		

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 5/19/2022	³³ Test Date 5/19/22	³⁴ Test Length 24hr	³⁵ Tbg. Pressure 450 psi	³⁶ Csg. Pressure 350 psi
³⁷ Choke Size 21/64"	³⁸ Oil 0	³⁹ Water 17 bwpd	⁴⁰ Gas 57 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>			OIL CONSERVATION DIVISION		
Printed name: Kandis Roland			Approved by: John Garcia		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Engineer		
E-mail Address: kroland@hilcorp.com			Approval Date: 7/29/2022		
Date: 6/8/2022		Phone: (713) 757-5246			

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 9 / NWNE / 36.59323 / -107.35965	County or Parish/State: RIO ARRIBA / NM
Well Number: 83	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079391	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920208	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2676101

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/10/2022

Time Sundry Submitted: 08:05

Date Operation Actually Began: 04/03/2022

Actual Procedure: Recompleted into the Mesaverde. Please see attached operational reports.

SR Attachments

Actual Procedure

SJ_27_5_Unit_83_Recomplete_Sundry_20220610080512.pdf

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 9 / NWNE / 36.59323 / -107.35965	County or Parish/State: RIO ARRIBA / NM
Well Number: 83	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079391	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920208	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 08:05 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 27-5 Unit 83
API # 30-039-20208
Recomplete Subsequent Sundry

4/3/22 SIBHP- 0, SIICP-0, SITP- 28, SICP- 28. MIRU. ND WH, NU BOP. SDFN.

4/4/22 SIBHP- 0, SIICP-0, SITP- 30, SICP- 30. BD well. TOOH and scan tbg. RIH w/ csg scrapper. TOOH w/ csg scraper. SIW. SDFN.

4/5/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 30. TIH and set **CIBP @ 7760'**. PT csg to 580 psi. Good Test. RU wireline. Run CBL from 7760' to surface. **Submitted CBL to Monica Kuehling/OCD and Kenny Rennick/BLM. Received verbal approval on 4/6 & 4/8 to procedure with recomplete.** MIT 580 psi for 30 min witness by John Durham, OCD. Good test. RIH & set **CBP @ 6139'**. RD wireline. PT csg to 2700 psi. Good test. SIW. SDFN.

4/6/22 SIBHP- 0, SIICP-0, SITP- 0, SICP- 0. ND BOP, NU WH. RDMO

5/13/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 0. RU wireline. RIH & Perf **PT Lookout/Lower Menefee w/.33"** diam.- 1SPF @: 5587', 5599', 5630', 5637', 5657', 5671', 5698', 5706', 5718', 5745', 5762', 5787', 5806', 5816', 5826', 5839', 5848', 5866', 5875', 5891', 5904', 5924', 5936', 5963', 5976', 5992', 6006', 6027', 6043', 6125', 6137' = **31** holes. POOH. RU Frac crew. PT Lookout/Lower Menefee (5587' – 6137') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 36,029 gal of 70 Q slick water, 106,361# 20/40 sand, 1.24M SCF N2. RIH and set **frac plug @ 5552'**. POOH. RIH & perf **Cliffhouse/Upper Menefee w/.33"** diam.- 1SPF @: 5270', 5291', 5298', 5305', 5341', 5351', 5358', 5371', 5375', 5391', 5396', 5402', 5407', 5414', 5418', 5431', 5436', 5456', 5471', 5476', 5485', 5498', 5516'=**23** holes. POOH. Frac Cliffhouse/Upper Menefee ('5270 – 5516') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 36,918 gal of 70 Q slick water, 98,116# 20/40 sand, 1.06M SCF N2. RIH and set **frac plug @ 5164'**. POOH. SDFN

5/14/22 RU wireline. RIH & Perf **Lewis w/.33"** diam.- 1SPF @: 4562', 4566', 4570', 4575', 4588', 4603', 4614', 4650', 4654', 4725', 4735', 4747', 4758', 4773', 4790', 4799', 4809', 4820', 4838', 4870', 4882', 4921', 4932', 4957', 4975', 4982', 4992', 5018', 5058'=**29** holes. POOH. Frac Lewis (4562' – 5058') Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 33,259 gal of 70 Q slick water, 97,060# 20/40 sand, 1.17M SCF N2. RIH & set **CBP @ 4432'**. TOOH. RIH & set **CBP @ 4336'**. POOH. RD wireline and Frac Crew. SIW. SDFN.

5/15/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 80. MIRU. BD well. ND Frac Stack, NU BOP. TIH w/ mill tag and D/O **CBP @ 4336'**. Circulate clean. SIW. SDFN.

5/16/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 910. RIH tag & D/O **CBP @ 4432'**. C/O well. RIH & D/O **frac plug @ 5164'**. C/O well. TIH D/O **CBP 6139'**. C/O well. SIW. SDFN.

5/17/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 620. BD well. RIH D/O **CIBP @ 7760'**. C/O well. TOOH. LD tbg. SIW. SDFN.

5/18/22 SIBHP- 0, SIICP-0, SITP- 0, SICP – 520. BD well. TIH w/ BHA. C/O well. LD tbg. TIH & land 250 jts 2 3/8", 4.7# J-55 **tbg set @ 7904'** with S-Nipple @ 7902'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

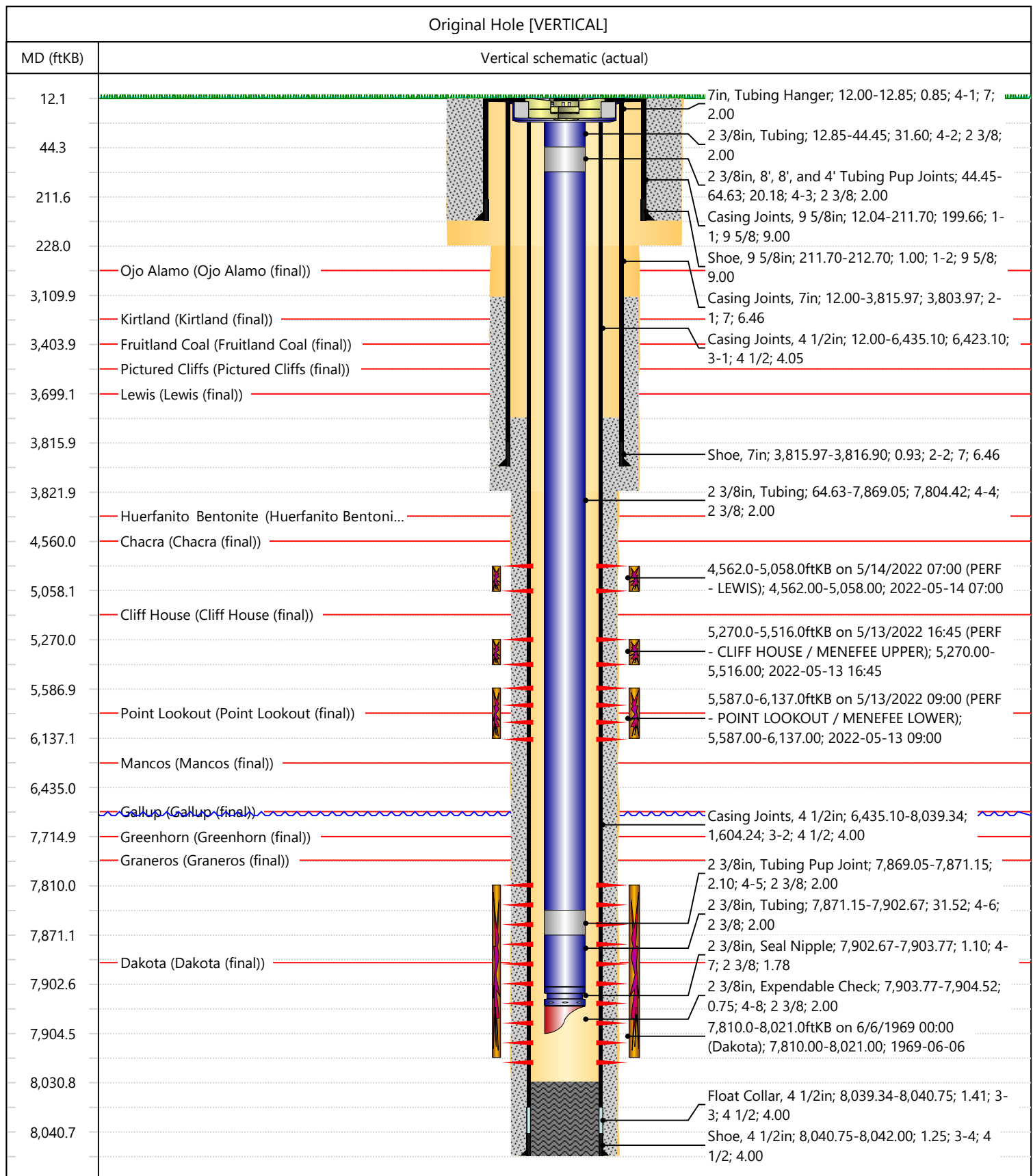
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.

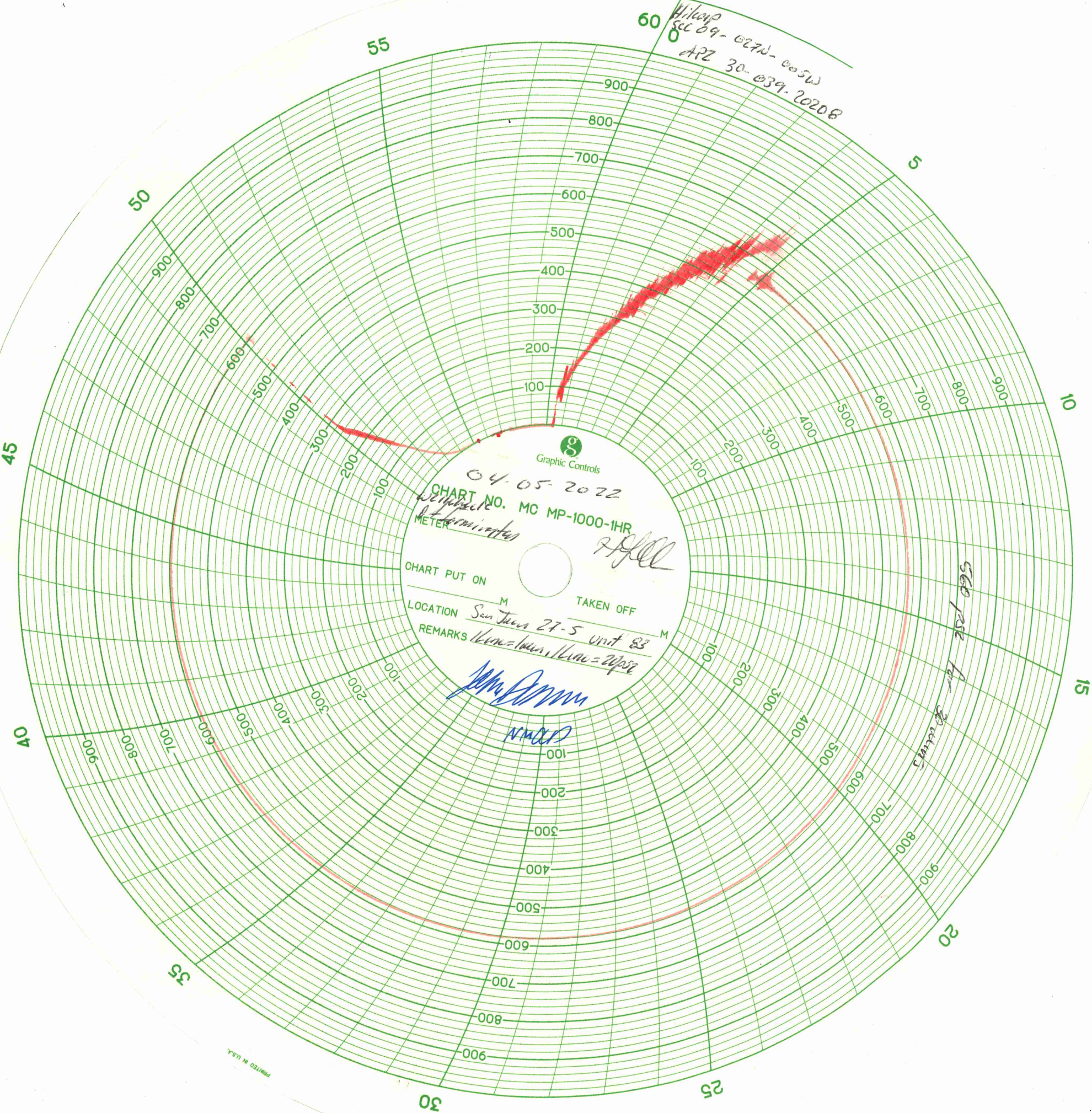


Current Schematic

Well Name: SAN JUAN 27-5 UNIT #83

API / UWI 3003920208	Surface Legal Location 009-027N-005W-B	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1310	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,779.00	Original KB/RT Elevation (ft) 6,791.00	KB-Ground Distance (ft) 12.00	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. Resrv., Other: <u>RECOMPLETE</u>						5. Lease Serial No. NMSF079391			
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 27-5 Unit			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Unit B (NWNE), 790' FNL & 1560' FEL, At top prod. Interval reported below Same as above At total depth Same as above						8. Lease Name and Well No. San Juan 27-5 Unit 83			
14. Date Spudded 5/21/1969						15. Date T.D. Reached 6/5/1969			
16. Date Completed 5/19/2022 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						9. API Well No. 30-039-20208			
18. Total Depth: 8042'						19. Plug Back T.D.: 8031'			
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. 9, T27N, R5W			
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			
						13. State New Mexico			
17. Elevations (DF, RKB, RT, GL)* 6779'									
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	215'	n/a	200 sx			
8 3/4"	7" J-55	20#	0	3820'	n/a	150 sx			
6 1/4"	4 1/2" J-55	11.6 & 10.5#	0	8042'	n/a	360 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"	7904'								
25. Producing Intervals									
Formation	Top	Bottom	26. Perforation Record						
A) Point Lookout/Lower Menefee	5587'	6137'	Perforated Interval		Size	No. Holes	Perf. Status		
B) Cliffhouse /Upper Menefee	5270'	5516'	1 SPF		.33"	31	open		
C) Lewis	4562'	5058'	1 SPF		.33"	29	open		
D) TOTAL						83			
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5587'-6137'		Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 36,029 gal of 70 Q slick water, 106,361# 20/40 sand, 1.24M SCF N2							
5270'-5516'		Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 36,918 gal of 70 Q slick water, 98,116# 20/40 sand, 1.06M SCF N2							
4562'-5058'		Broke well w/ H2O and 500 gal 15% HCL. Foam Frac w/ 33,259 gal of 70 Q slick water, 97,060# 20/40 sand, 1.17M 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
5/19/2022	5/19/2022	24	→	0	57 mcf	17 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	
21/64"	450 psi	350 psi	→	0	57 mcf/d	17 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)

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	2941'	3113'	White, cr-gr ss	Ojo Alamo	2941'
Kirtland	3113'	3404'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3113'
Fruitland	3404'	3615'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3404'
Pictured Cliffs	3615'	3699'			3615'
Lewis	3699'	4560'	Shale w/ siltstone stringers	Lewis	3699'
Chacra	4560'	5265'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4560'
Cliffhouse	5265'	5411'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5265'
Menefee	5411'	5756'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5411'
Point Lookout	5756'	6285'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5756'
Mancos	6285'	6646'	Dark gry carb sh.	Mancos	6285'
Gallup	6646'	7715'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6646'
Greenhorn	7715'	7775'	Highly calc gry sh w/ thin lmst.	Greenhorn	7715'
Graneros	7775'	7902'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7775'
Dakota	7902'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7902'
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 4918-AZ. MV PA - NMNM078409B

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 10:39 AM
To: Kandis Roland
Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 83, 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 27-5 UNIT**
- Well Number: **83**
- US Well Number: **3003920208**
- Well Completion Report Id: **WCR2022061384770**

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 116678

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116678
	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 116678

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 116678
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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