

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 30-045-24777	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)		⁶ Pool Code 72319
⁷ Property Code 318434	⁸ Property Name San Juan 32-7 Unit		⁹ Well Number 69

II. ¹⁰ Surface Location

UL or lot no. B	Section 35	Township 32N	Range 07W	Lot Idn	Feet from the 860	North/SouthLine NORTH	Feet from the 1570	East/West line EAST	County San Juan
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township N	Range W	Lot Idn	Feet from the	North/SouthLine SOUTH	Feet from the	East/West line WEST	County Rio Arriba
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 LLC	G

IV. Well Completion Data

²¹ Spud Date 2/2/1981	²² Ready Date 6/3/2022	²³ TD MD 8370'	²⁴ PBTD MD 8305'	²⁵ Perforations 5792' - 6054'	²⁶ DHC, MC DHC 5048
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		9 5/8", 36#, K-55		389'	
8 3/4"		7", 20#, K-55		4005'	
6 1/4"		4 1/2", 11.6, 10.5#, K-55		8370'	
		2 3/8", 4.6#, J-55		8146'	

V. Well Test Data

³¹ Date New Oil NA	³² Gas Delivery Date 6/3/2022	³³ Test Date 6/3/2022	³⁴ Test Length 24hr	³⁵ Tbg. Pressure SI-755psi	³⁶ Csg. Pressure SI-806psi
³⁷ Choke Size 17/64"	³⁸ Oil 0	³⁹ Water 10 bwpd	⁴⁰ Gas 693 mcf/d		⁴¹ Test Method N/A
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: 			OIL CONSERVATION DIVISION		
Printed name: Amanda Walker			Approved by: John Garcia		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Engineer		
E-mail Address: mwalker@hilcorp.com			Approval Date: 7/22/22		
Date: 6/27/2022		Phone: (346) 237-2177			

Well Name: SAN JUAN 32-7 UNIT	Well Location: T32N / R7W / SEC 35 / NWNE / 36.941528 / -107.531921	County or Parish/State: SAN JUAN / NM
Well Number: 69	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078543	Unit or CA Name: SAN JUAN 32-7 UNIT--DK	Unit or CA Number: NMNM78423C
US Well Number: 3004524777	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2679225

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/27/2022

Date Operation Actually Began: 04/05/2022

Type of Action: Recompletion

Time Sundry Submitted: 01:48

Actual Procedure: The following well was recompleted into the MV and is now downhole commingled with the existing DK under DHC 5048. MV PA# NMNM078425A. Please see the attached Recompletion Operations.

SR Attachments

Actual Procedure

SJ_32_7_Unit_69_SR_MV_RC_Writeup_20220627134828.pdf

Well Name: SAN JUAN 32-7 UNIT	Well Location: T32N / R7W / SEC 35 / NWNE / 36.941528 / -107.531921	County or Parish/State: SAN JUAN / NM
Well Number: 69	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078543	Unit or CA Name: SAN JUAN 32-7 UNIT--DK	Unit or CA Number: NMNM78423C
US Well Number: 3004524777	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: AMANDA WALKER	Signed on: JUN 27, 2022 01:48 PM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST.	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: mwalker@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: 06/28/2022
Signature: Kenneth Rennick	

San Juan 32-7 Unit 69
30-045-24777
NMSF078543
SR MV RC

4/5/2022 MIRU. CK WELL PRESSURES (SITP-178, SICP-184, SIICP-50 PSI, SIBHP-0). ND WH. NU BOP & TST, TST GOOD. UNLAND TBG. RU SCANNER & TOO H W/TBG WHILE SCANNER. MU MILL & STRING MILL & TIH W/WORK STRING. SDFN.

4/6/2022: CK WELL PRESSURES (SICP-200, SIICP- 0. SIBHP-0). CONT TIH W/MILL SCRAPE CSG T/8080'. PU & TIH W/CIBP & SET @ 8061'. DISPLACE HOLE W/116 BBLS 2% KCL. PT CIBP T/1000 PSI F/15 MINS, GOOD TST. TOH W/WORK STRING. RU ELINE & RUN CBL F/8061' T/SURF. RUN DMP BAILER W/2 SXS CMT. UNABLE TO PASS TIGHT SPOT @ 4030' W/BAILOR. TOH W/BAILOR. SDFN.

4/7/2022: NO WELL PRESSURES. RU TESTER. PERFORM MIT T/560 PSI F/30 MINS, TST GOOD, NO LOSS IN PRESSURE. TST WITNESSED & APPROVED BY JOHN DURHAM @ NMOCD. TIH W/WORK STRING T/8030'. TOH & LD WORK STRING. ND BOP. NU FRAC STACK. RU TESTER & TST CSG, WH, CIBP & FRAC VALVE T/3600 PSI, GOOD TST. RD TESTER. RDRR @ 20:30. WAIT ON FRAC.

5/25/2022: CK WELL PRESSURE (SICP- 0 PSI). MIRU BASIN WL. RIH W/3.2 GAUGE RING PAST TIGHT SPOT IN CSG @ 4030'. POOH. PU SCBP & SET @ 6154'. PERF STAGE 1 (POINT LOOKOUT/MENEFEE) 1 SPF, 0.34" DIA, 26 SHOTS AS FOLLOWS: 6054', 6052', 6040', 6038', 6036', 6034', 6028', 6026', 6024', 6022', 5998', 5996', 5994', 5992', 5990', 5988', 5986', 5966', 5964', 5962', 5960', 5958', 5956', 5954', 5946', 5944'. RD WL.

5/26/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 89 PSI SIBHP: 0 PSI). RU FRAC CREW. PT LINES, GOOD TST. POINT LOOKOUT STIMULATION (5944'-6054'). INITIAL SHUT IN PRESSURE: 899 PSI 5 MIN SIP- 420 PSI 10 MIN SIP- 250 FG AT SHUT IN: .584 PSI/FT FRAC ZONE WITH 166,103 GALLONS OF 70 Q FOAM AT 66 BPM. PROPPANT: 230,100 LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 1,898,933 SCF. FLUSH: 95 BBLS. MAX. RATE: 72 BPM. AVG. RATE: 66 BPM. MAX. PSI: 3084 PSI. AVG. PSI: 2538 PSI. MAX. SAND CONC: 4.0 PPG DOWNHOLE. FLUID TO RECOVER: 1293 CLEAN BBLS. RIH W/WL SET CFP @ 5876'. PERF STAGE 2 (POINT LOOKOUT/MENEFEE) 1 SPF, 0.34" DIA, 24 SHOTS AS FOLLOWS: 5867', 5865', 5863', 5861', 5859', 5857', 5855', 5853', 5822', 5820', 5818', 5816', 5814', 5812', 5810', 5808', 5806', 5804', 5802', 5800', 5798', 5796', 5794', 5792'. RD WL. MENEFEE STIMULATION (5792' – 5867'). SHUT IN PRESSURE: 1233 PSI. 5 MIN SIP- 1005 PSI 10 MIN SIP= 899 PSI FG AT SHUT IN: 0.645 PSI/FT. FRAC ZONE WITH 140,135 GALLONS OF 70 Q FOAM AT 60 BPM. PROPPANT: 182,88- LBS. OF PREMIUM 20/40 SAND. TOTAL N2: 1,558,822 SCF. FLUSH: 98 FLUID BBLS. MAX. RATE: 72 BPM. AVG. RATE: 65 BPM. MAX. PSI: 3334 PSI. AVG. PSI: 2804 PSI. MAX. SAND CONC: 4.0 PPG DOWNHOLE. FLUID TO RECOVER: 1123 CLEAN BBLS. RIH W/WL & SET CBP @ 5692'. RD WL.

5/30/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). ND FRAC VALVE. NU BOP & PT, GOOD TST. SDFN.

5/31/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). MU BIT & PWR SWVL, TIH. TAG CBP @ 5692'. EST CIRC & DO PLUG @ 5692'. TAG FILL @ 5906'. EST CIRC & DO PLUG @ 5876'. CONT TIH & TAG FILL @ 6099' (55' FILL). EST CIRC. TOH W/BIT T/5682'. SDFN.

6/1/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 1000 PSI SIBHP: 0 PSI). TIH W/BIT & PWR SWVL. TAG FILL @ 6099'. EST CIRC, CO PLUG REMNANTS & SAND F/6099 T/PLUG @ 6154'. DO PLUG @ 6154'. CIRC CLEAN. TAG CBP @ 8061'. DO PLUG @ 8061'. CO T/8165'. NO FILL. TOH W/BIT T/5680'. SDFN.

San Juan 32-7 Unit 69
30-045-24777
NMSF078543
SR MV RC

6/2/2022: CK WELL PRESSURES (SITP: 0 PSI SICP: 850 PSI SIBHP: 0 PSI). TOH W/BIT F/5680'. MU PLUNGER LIFT BHA TIH & TAG FILL @ 8120'. EST CIRC CO FILL F/8120' T/8165'. LD EXCESS TBG. TBG LANDED AS FOLLOWS: 160 JTS 2 3/8" 4.6# J-55 PROD TBG. EOT @ 8146' SN @ 8144'. PMP 3 BBL PAD IN TBG. DROP BALL & PT TBG, GOOD TST. RDRR @ 18:00 HRS. HAND OVER WELL TO OPERATIONS.



Schematic - Current

Well Name: SAN JUAN 32-7 UNIT #69

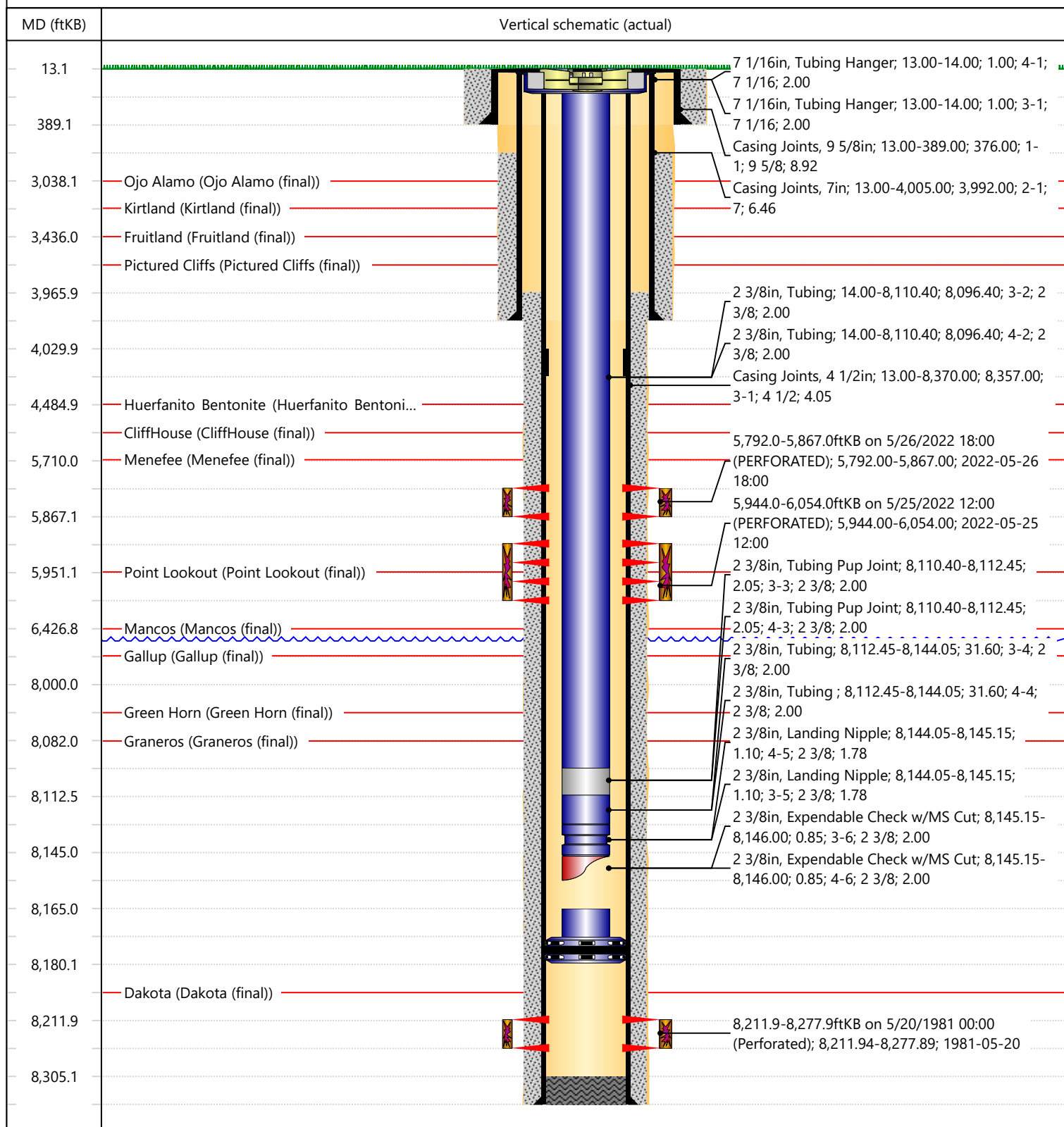
API / UWI 3004524777	Surface Legal Location 035-032N-007W-B	Field Name DK	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 6,743.00	KB-Ground Distance (ft) 13.00	Original Spud Date 2/2/1981 00:00	Rig Release Date 2/16/1981 00:00	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB)

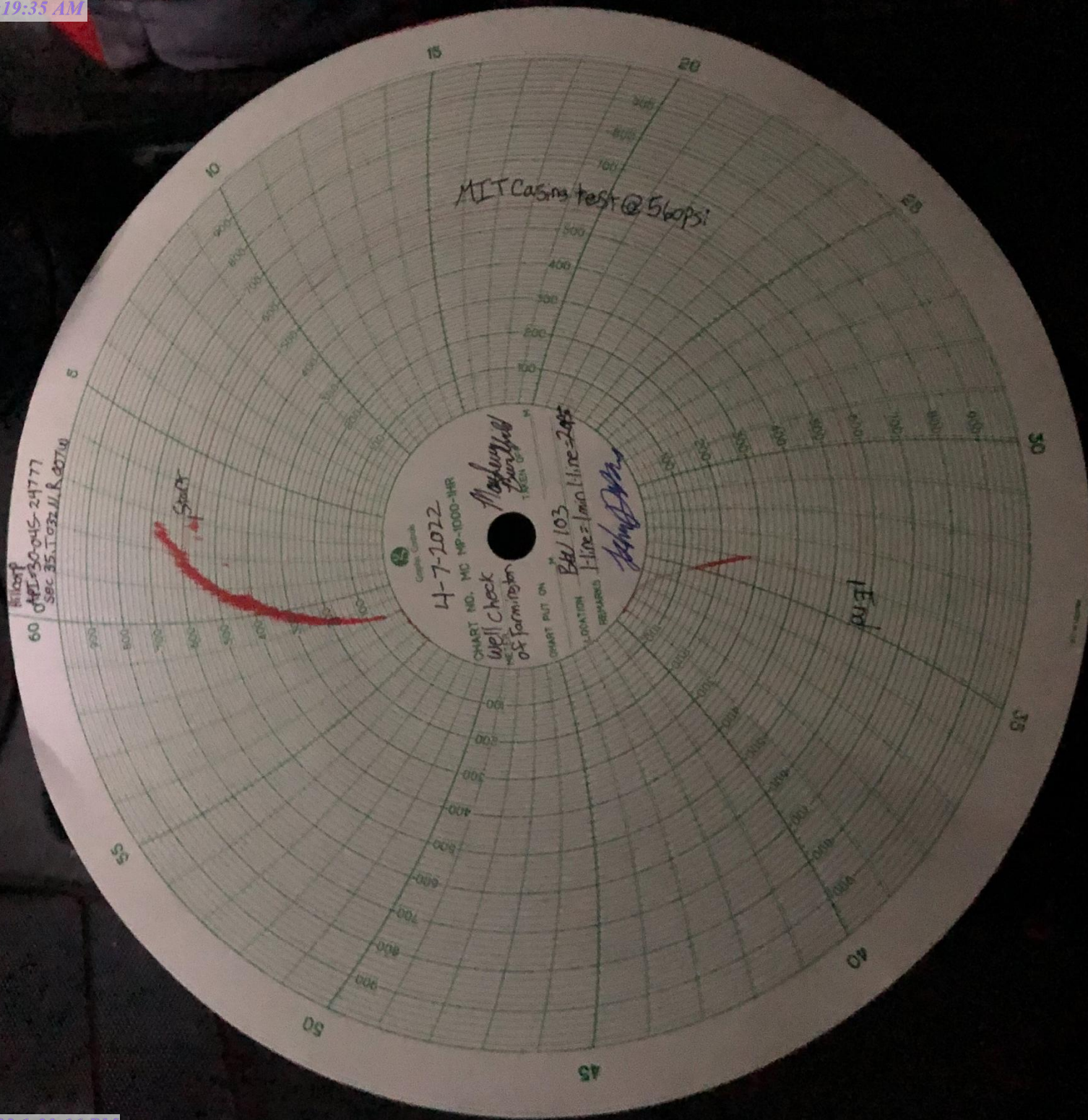
Most Recent Job

Job Category Capital Workover	Primary Job Type RECOMPLETION	Secondary Job Type	Actual Start Date 4/5/2022	End Date
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TD: 8,370.0

Original Hole [Vertical]





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						5. Lease Serial No. NMSF078543					
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 checked="" type="checkbox"/>	Diff. Resvr.,
Other: RECOMPLETE											
2. Name of Operator Hilcorp Energy Company						8. Lease Name and Well No. SAN JUAN 32-7 UNIT 69					
3. Address 382 Road 3100, Aztec, NM 87410				3a. Phone No. (include area code) (505) 599-3400		9. API Well No. 30-045-24777					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 860' FNL & 1570' FEL At top prod. Interval reported below At total depth						10. Field and Pool or Exploratory BLANCO MESAVERDE					
						11. Sec., T., R., M., on Block and Survey or Area B,35,32N,07W					
						12. County or Parish San Juan		13. State New Mexico			
14. Date Spudded 2/2/1981		15. Date T.D. Reached 2/11/1981		16. Date Completed 6/2/2022 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6730'					
18. Total Depth: 8370'			19. Plug Back T.D.: 8305'			20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL						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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
12 1/4"	9 5/8" K-55	36		389		185					
8 3/4"	7" K-55	20		4005		175					
6 1/4"	4 1/2" K-55	11.6/10.5		8370		360					
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"	8146'										
25. Producing Intervals					26. Perforation Record						
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A)	POINT LOOKOUT/MENEFEE	5792'	5867'	1 SPF		0.34"	24	OPEN			
B)	POINT LOOKOUT/MENEFEE	5944'	6054'	1 SPF		0.34"	26	OPEN			
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval		Amount and Type of Material									
5792' - 5867'		FRAC ZONE WITH 140,135 GALLONS OF 70 Q FOAM AT 60 BPM. PROPPANT: 182,88- LBS. OF PREMIUM 20/40 SAND.									
5944' - 6054'		FRAC ZONE WITH 166,103 GALLONS OF 70 Q FOAM AT 66 BPM. PROPPANT: 230,100 LBS. OF PREMIUM 20/40 SAND.									
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		
6/3/2022	6/3/2022	24	➡	0	693	10			Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
17/64	SI-755	SI-806	➡	0	693	10		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 (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	3038	3126	White, cr-gr ss	Ojo Alamo	3038
Kirtland	3126	336	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3126
Fruitland	336	3596	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	336
Pictured Cliffs	3596	3805	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3596
Lewis	3805	4485	Shale w/ siltstone stingers	Lewis	3805
Huerfanito Bentonite	4485	4905	White, waxy chalky bentonite	Huerfanito Bentonite	4485
Chacra	4905	5659	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4905
Cliff House	5659	5710	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5659
Menefee	5710	5951	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5710
Point Lookout	5951	6427	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5951
Mancos	6427	7170	Dark gry carb sh.	Mancos	6427
Gallup	7170	8042	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7170
Greenhorn	8042	8082	Highly calc gry sh w/ thin lmst.	Greenhorn	8042
Graneros	8082	8190	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	8082
Dakota	8190	7236'	Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8190
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):


Well is now producing as a MV/DK commingle under DHC 5048

MV PA# NMNM078425A

33. Indicate which items have been attached by placing a check in the appropriate boxes:

<input checked="" type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd.)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> 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)	Amanda Walker	Title	Operations/Regulatory Technician - Sr.
Signature		Date	6/27/2022

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.

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Tuesday, June 28, 2022 12:10 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: SAN JUAN 32-7 UNIT, Well Number: 69, 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 32-7 UNIT](#)
§ Well Number: [69](#)
§ US Well Number: [3004524777](#)
§ Well Completion Report Id: [WCR2022062885110](#)

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 122220

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 122220
	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 122220

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 122220
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	7/22/2022