

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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 30-039-20644	⁵ Pool Name Blanco Mesaverde		⁶ Pool Code 72319
⁷ Property Code 318432	⁸ Property Name San Juan 28-7 Unit		⁹ Well Number 186

II. ¹⁰ Surface Location

UI or lot no. K	Section 13	Township 28N	Range 07W	Lot Idn	Feet from the 1600	North/South Line South	Feet from the 1500	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/South Line	Feet from the	East/West Line	County Choose an item.
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
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 6/21/1973	²² Ready Date 7/4/2023	²³ TD 7937'	²⁴ PBTD 7928'	²⁵ Perforations 5096' – 5750'	²⁶ DHC, MC DHC - 5042
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 3/4"		9 5/8", 32.3#, KS		218'	
8 3/4"		7", 20#, KS		3711'	
6 1/4"		4 1/2", 10.5/11.6#, K-55		7937'	
		2 3/8", 4.7#, J-55		7758'	

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 7/4/2023	³³ Test Date	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure SI 0	³⁶ Csg. Pressure SI 260
³⁷ Choke Size 18/64"	³⁸ Oil 0	³⁹ Water 0	⁴⁰ Gas 58	⁴¹ Test Method	

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: Sarah McGrath	
Title: Operations Regulatory Tech Sr.		Title: Petroleum Specialist - A	
E-mail Address: mwalker@hilcorp.com		Approval Date: 07/20/2023	
Date: 7/17/2023	Phone: 346.237.2177		

Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 13 / NESW / 36.658218 / -107.528122	County or Parish/State: RIO ARRIBA / NM
Well Number: 186	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079290A	Unit or CA Name: SAN JUAN 28-7 UNIT--DK	Unit or CA Number: NMNM78413C
US Well Number: 3003920644	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2741174

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 07/17/2023

Time Sundry Submitted: 10:04

Date Operation Actually Began: 03/08/2023

Actual Procedure: The following well has been recompleted into the Mesaverde and is now producing as a DHC with the existing Dakota. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SJ_28_7_UNIT_186_RC_SR_Writeup_20230717100438.pdf

Well Name: SAN JUAN 28-7 UNIT	Well Location: T28N / R7W / SEC 13 / NESW / 36.658218 / -107.528122	County or Parish/State: RIO ARRIBA / NM
Well Number: 186	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079290A	Unit or CA Name: SAN JUAN 28-7 UNIT--DK	Unit or CA Number: NMNM78413C
US Well Number: 3003920644	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: JUL 17, 2023 10:04 AM
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: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 07/17/2023
Signature: Matthew Kade	

San Juan 28-7 Unit 186
30-039-20644
NMSF079290A
SR Recomplete

3/8/2023: MIRU. CK PRESSURES (SITP: 300 PSI SICP: 300 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND WH. NU BOP & FT, GOOD TST. TIH & TAG FILL @ 7907'. SCAN TBG OOH. TIH W/MILL T/3352'. SDFN.

3/9/2023: CK PRESSURES (SITP: 275 PSI SICP: 275 PSI SIICP: 0 PSI SIBHP: 0 PSI). TOOH W/MILL. TIH & **SET CIBP @ 7620'**. LOAD & PT CSG, GOOD. ND BOP. NU WH. SDFN.

3/23/2023: CK PRESSURES (SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). RIH & RUN CBL/USIT LOG. SDFN.

3/24/2023: CK PRESSURES (SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). CONDUCT MIT 565 PSI FOR 30 MINS. TST WITNESSED AND PASSED BY LENNY MOORE/NMOCD. RIH & **SET CBP @ 5895'**. WAIT ON FRAC.

3/29/2023: CK PRESSURES (SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND WH. NU FRAC STACK. PT CSG, TST GOOD.

6/27/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREW. PERF STAGE **(POINT LOOKOUT) INTERVAL W/24 SHOTS, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING @ 5624', 5634', 5642', 5676', 5689', 5702', 5738', 5750'**. ALL SHOTS FIRED. POINT LOOKOUT STIMULATION: (5624' TO 5750') FRAC @ 70 BPM W/70 Q N2 FOAM. TOTAL LOAD: 852 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 840 BBLS TOTAL 20/40 SAND: 107,305 LBS TOTAL N2: 1,162,000 SCF. RIH & **SET DISSOLVABLE BP @ 5590'**. PERF STAGE **(MENELEE) INTERVAL W/24 SHOTS, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING @ 5397', 5410', 5428', 5450', 5456', 5472', 5518', 5540'**. ALL SHOTS FIRED. MENELEE STIMULATION: (5397' TO 5540') FRAC @ 55 BPM W/70 Q N2 FOAM. TOTAL LOAD: 708 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 696 BBLS TOTAL 20/40 SAND: 92,420 LBS TOTAL N2: 1,318,000 SCF. RIH & **SET DISSOLVABLE BP @ 5280'**. PERF STAGE **(CLIFFHOUSE) INTERVAL W/24 SHOTS, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING @ 5096', 5106', 5136', 5146', 5188', 5204', 5225', 5236'**. ALL SHOTS FIRED. CLIFFHOUSE STIMULATION: (5096' TO 5236') FRAC @ 70 BPM W/70 Q N2 FOAM. TOTAL LOAD: 675 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 663 BBLS TOTAL 20/40 SAND: 89,081 LBS TOTAL N2: 844,000 SCF. RIH & **SET CBP @ 4510'**. RD FRAC CREW.

6/28/2023: CK PRESSURES (SITP-0, SICP-0, SIICP-0, SIBHP-0). ND FRAC STACK. NU BOP & FT, GOOD TST. TIH & TAG PLUG @ 4510'. SDFN.

6/29/2023: CK PRESSURES (SITP-0, SICP-0, SIICP-0, SIBHP-0). EST CIRC & **DO PLUG @ 4510'**. CIRC HOLE CLEAN. SWAP ELEVATORS & TIH TAG @ 5476'. **PLUG @ 5280' DISSOLVED**. TOOH BV PERFS. SDFN.

6/30/2023: CK PRESSURES (SITP-200, SICP-600, SIICP-0, SIBHP-0). TIH & TAG FILL @ 5486', CO T/5590'. **DO PLUG @ 5590'**. CIRC HOLE CLEAN. TOOH ABV PERFS. SDFN.

7/1/2023: CK PRESSURES (SITP-220, SICP-440, SIICP-0, SIBHP-0). TIH & TAG @ 5739'. CO F/5739' T/5896'. **DO PLUG @ 5895'**. CIRC HOLE CLEAN. CONT TIH & TAG @ 7615'. CO F/7615' T/7620'. TAG PLUG @ 7620'. **DO PLUG @ 7620'**. CIRC HOLE CLEAN. RIH T/PBTD @ 7928'. SDFN.

7/2/2023: CK PRESSURES (SITP-100, SICP-400, SIICP-0, SIBHP-0). TIH W/TBG T/7900'. EST CIRC & CO F/7900' T/7928'. CIRC CLEAN. TIH W/246 JTS 2 3/8" 4.7# J-55 TBG. EOT @ 7758'. SN @ 7757'. ND BOP. NU WH. PMP 18 BBL CUSHION, DROP BALL, PT TBG T/550 PSI, GOOD. PT T/900 PSI, BLOW CK & UNLOAD HOLE. RDRR. HAND OVER TO OPERATIONS.

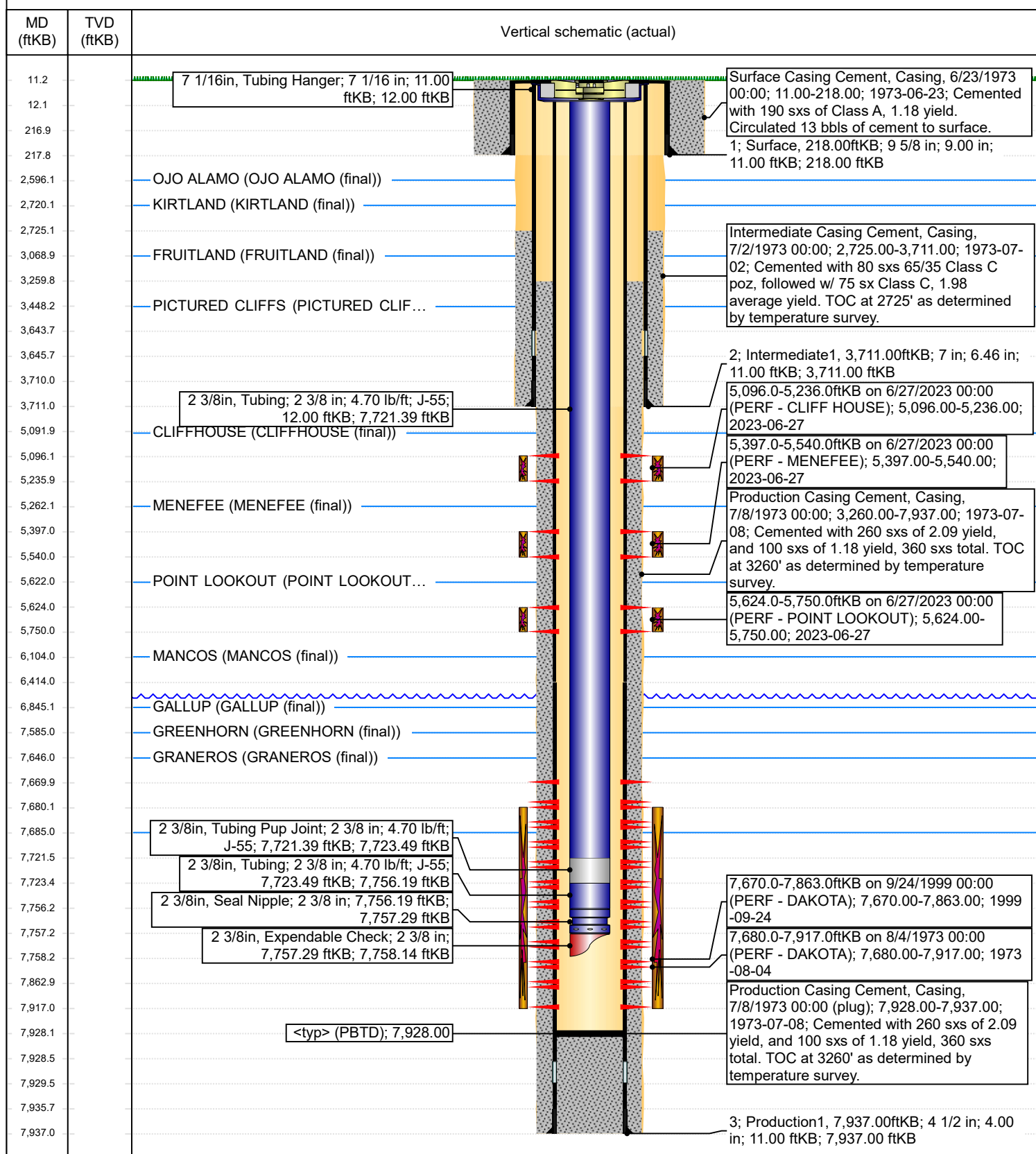


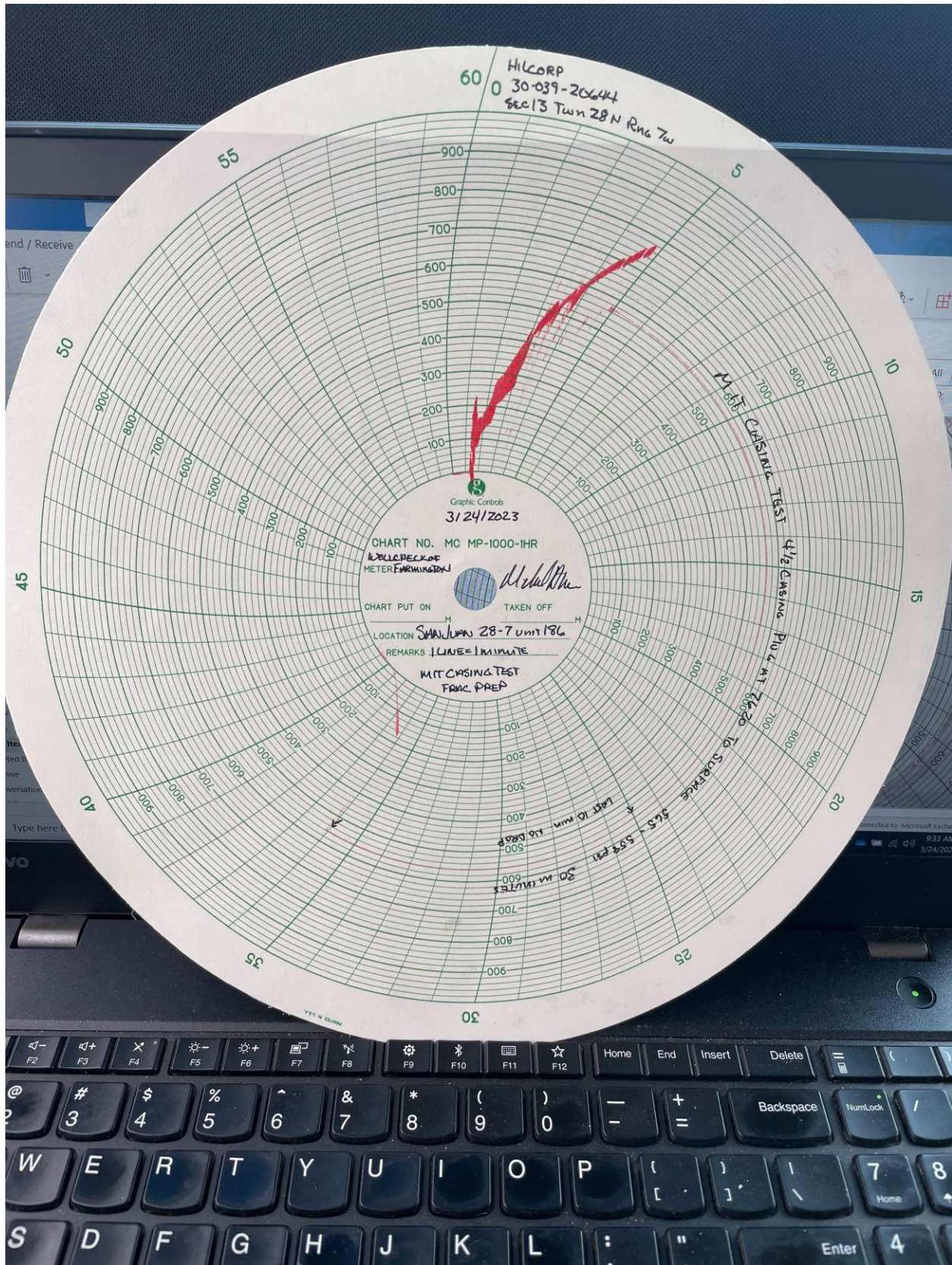
Current Schematic - Version 3

Well Name: SAN JUAN 28-7 UNIT 186

API / UWI 3003920644	Surface Legal Location 013-028N-007W-K	Field Name DK	Route 1007	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,677.00	Original KB/RT Elevation (ft) 6,688.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft) 11.00	KB-Tubing Hanger Distance (ft) 11.00	

Original Hole [Vertical]





UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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	
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: <u>Recomplete</u>					

2. Name of Operator	Hilcorp Energy Company
3. Address	382 Road 3100, Aztec, NM 87410
3a. Phone No. (include area code)	(505) 599-3400

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface K (NESW) 1600' FSL & 1500' FWL
At top prod. Interval reported below
At total depth

14. Date Spudded 6/21/1973	15. Date T.D. Reached 8/4/1973	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 7/4/2023
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18. Total Depth: 7937'	19. Plug Back T.D.: 7928'	20. Depth Bridge Plug Set: MD TVD
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21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL/USIT	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)
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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", KS	32.3		218'		225 cu. ft.			
8 3/4"	7", KS	20		3711'		307 cu. ft.			
6 1/4"	4 1/2", K-55	11.6/10.5		7937'		663 cu. ft.			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7758'							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse	5096'	5236'	3 SPF	0.34	24	Open
B) Menefee	5397'	5540'	3 SPF	0.34	24	Open
C) Point Lookout	5624'	5750'	3 SPF	0.34	24	Open
D)						

Depth Interval	Amount and Type of Material
Cliffhouse (5096' - 5236')	FRAC @ 70 BPM W/70 Q N2 FOAM. TOTAL LOAD: 675 BBLs TOTAL ACID: 12 BBLs TOTAL SLICKWATER: 663 BBLs TOTAL 20/40 SAND: 89,081 LBS TOTAL N2: 844,000 SCF
Menefee (5397' - 5540')	FRAC @ 55 BPM W/70 Q N2 FOAM. TOTAL LOAD: 708 BBLs TOTAL ACID: 12 BBLs TOTAL SLICKWATER: 696 BBLs TOTAL 20/40 SAND: 92,420 LBS TOTAL N2: 1,318,000 SCF
Point Lookout (5624' - 5750')	FRAC @ 70 BPM W/70 Q N2 FOAM. TOTAL LOAD: 852 BBLs TOTAL ACID: 12 BBLs TOTAL SLICKWATER: 840 BBLs TOTAL 20/40 SAND: 107,305 LBS TOTAL N2: 1,162,000 SCF.

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
7/4/2023		24	➡	0	58	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64"	SI 0	SI 260	➡	0	58	0			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):

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	2596	2720	White, cr-gr ss	Ojo Alamo	2596
Kirtland	2720	3069	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2720
Fruitland	3069	3448	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3069
Pictured Cliffs	3448	5092	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3448
Cliff House	5092	5262	Light gry, med-fine gr ss, carb sh & coal	Cliff House	5092
Menefee	5262	5622	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5262
Point Lookout	5622	6104	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5622
Mancos	6104	6845	Dark gry carb sh.	Mancos	6104
Gallup	6845	7585	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6845
Greenhorn	7585	7646	Highly calc gry sh w/ thin lmst.	Greenhorn	7585
Graneros	7646	7685	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7646
Dakota	7685	7236'	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7685
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	0

32. Additional remarks (include plugging procedure):

This well is now producing as a MV/DK commingle under DHC 5042


MV# NMNM 078413A

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) Amanda Walker Title Operations/Regulatory Technician - Sr.

Signature  Date 7/17/2023

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: Monday, July 17, 2023 12:11 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 186, Notification of Well Completion Acceptance

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

§ Operator Name: **HILCORP ENERGY COMPANY**
§ Well Name: **SAN JUAN 28-7 UNIT**
§ Well Number: **186**
§ US Well Number: **3003920644**
§ Well Completion Report Id: **WCR2023071788682**

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 240963

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 240963
	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 240963

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 240963
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	7/20/2023