

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 30-039-23837	⁵ Pool Name Blanco Mesaverde	
⁶ Pool Code 72319		
⁷ Property Code 318708	⁸ Property Name San Juan 28-5 Unit	⁹ Well Number 61E

II. ¹⁰ Surface Location

UI or lot no. E	Section 18	Township 28N	Range 05W	Lot Idn	Feet from the 1450	North/South Line North	Feet from the 790	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 9/19/1985	²² Ready Date 10/22/2023	²³ TD 8094'	²⁴ PBTD 7690'	²⁵ Perforations 5297'-6197'	²⁶ DHC, MC DHC-5330
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12 ¼"		9 5/8", H-10, 32.3#		223'	125 sx
8 ¾"		7", K-55, 20#		3978'	225 sx
6 ¼"		4 ½", N-80, 11.6#		8094'	337 sx
		2 3/8", J-55, 4.7#		7443'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 10/22/2023	³³ Test Date 10/22/2023	³⁴ Test Length 4 hrs.	³⁵ Tbg. Pressure 400 psi	³⁶ Csg. Pressure 410 psi
³⁷ Choke Size 24/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 51 mcf		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: <div>Cherylene Weston</div>			OIL CONSERVATION DIVISION		
Printed name: Cherylene Weston			Approved by: Sarah McGrath		
Title: Operations Regulatory Tech Sr.			Title: Petroleum Specialist - A		
E-mail Address: cweston@hilcorp.com			Approval Date: 11/13/2023		
Date: 11/01/2023		Phone: 713-289-2615			

Well Name: SAN JUAN 28-5 UNIT	Well Location: T28N / R5W / SEC 18 / SWNW / 36.66441 / -107.40616	County or Parish/State: RIO ARRIBA / NM
Well Number: 61E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079250	Unit or CA Name: SAN JUAN 28-5 UNIT--DK	Unit or CA Number: NMNM78411B
US Well Number: 3003923837	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2758512

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 10/27/2023

Time Sundry Submitted: 02:37

Date Operation Actually Began: 09/11/2023

Actual Procedure: The subject well was recompleted into the Mesaverde formation. Please see the attached reports.

SR Attachments

Actual Procedure

SJ_28_5_Unit_61E_Recomplete_Sbsq_Sundry_20231027143602.pdf

Well Name: SAN JUAN 28-5 UNIT

Well Location: T28N / R5W / SEC 18 /
SWNW / 36.66441 / -107.40616

County or Parish/State: RIO
ARRIBA / NM

Well Number: 61E

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF079250

Unit or CA Name: SAN JUAN 28-5
UNIT--DK

Unit or CA Number:
NMNM78411B

US Well Number: 3003923837

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: CHERYLENE WESTON

Signed on: OCT 27, 2023 02:37 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@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: 10/31/2023

Signature: Matthew Kade

San Juan 28-5 Unit 61E

MV Recomplete Sundry

API: 3003923837

- 9/11/2023** PJSM. MIRU. BH-0 PSI, INT CSG-150 PSO, PRD CSG-150 PSI, TBG-150 PSI, BDW. ND WH. NU & FT BOP. UNSEAT TBG HNGR. RU SCANNERS. SCAN TBG. SISW. SDFN.
- 9/12/2023** PJSM. BH-0 PSI, INT-0 PSI, PRD CSG-150 PSI, TBG-150 PSI, BDW. SCAN OUT 242 JTS. PU 3-3/4" BIT, CSG SCRAPER, XO SUB. TIH TO 1754'. XO TRAILERS. RIH WORKSTRING TO 7325' W/CSG SCRAPER. PULL UP TO 7300'. HEAVY RAIN/LIGHTNING. SISW. SDFN.
- 9/13/2023** PJSM. BH-0 PSI, INT-0 PSI, PRD CSG-150 PSI, TBG ON FLOAT, BDW. TOH W/CSG SCRAPER. TIH W/ 4-1/2" CICR TO 4450'+/-. BROKE DRUM TO DRUM DRIVE CHAIN ON DRAWWORKS. WO RIG REPAIRS. COMPLETED @ 18:30. SISW. SDFN.
- 9/14/2023** TIH, SET **4.5" CIBP @ 7,300'**. LOAD HOLE, PT 500 PSI, GOOD. TOOH. **RUN CBL & MIT, WITNESSED BY ANTHONY BUNNY, THOMAS VERMERSCH, NMOCD.** RU WL. TIH, SET **CBP @ 6,220'**. RD WL. PT CSG 2K, LOAD INT CSG. SISW. SDFN.
- 9/15/2023** PJSM. ND BOP. ND 3K WH, NU 5K WH, PT GOOD. TIH, SET AS1X PKR @ 3760'. PT TBG 2300 PSI, GOOD TEST. RU PT CSG 4K, TBG HNGR LEAKED. TIH NEW TBG HNGR. PT CSG 4K X 30 MIN, GOOD. UNSET PKR. TOOH LD TBG. TIH, LD TBG. SISW. SDFN.
- 9/16/2023** PJSM. ND BOP. NU FRAC STAC, PT 4K GOOD. RD UNIT. SIW. RR.
- 10/17/2023** RU BASIN WL. RIH, **PERF PT LOOKOUT/LWR MENEFE (5,756' – 6,197') W/0.33 DIA, 1 SPF, 25 HOLES.** POOH. RU FRAC CREW. **FRAC STAGE 1:** BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC'D PT LOOKOUT/LWR MENEFE W/ 125,261 LBS 20/40 SAND, 45,486 GAL SLICKWATER AND 1.68M SCF N2 70 Q. RIH, SET **FRAC PLUG @ 5,734'**. RIH, **PERF CLIFFHOUSE/UPPER MENEFE (5,297' – 5,709') W/0.33 DIA, 1 SPF, 22 HOLES.** POOH. **FRAC STAGE 2:** BDW W/WATER & 500 GAL 15% HCL. FOAM FRAC'D CLIFFHOUSE/UPPER MENEFE W/125,263 LBS 20/40 SAND, 46,116 GAL SLICKWATER & 1.57M SCF N2 70 Q. RIH, SET **CBP @ 5,113'**. BLEED OFF, PLUG HELD. SIW. RD. TOTAL FRAC LOAD = 2205 BBLS (INCL 24 BBLS ACID). TOTAL SAND = 250,524 LBS. TOTAL N2 = 3.25M SCF.
- 10/18/2023** MIRU. PJSM. SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. LAND HANGER W/ 2-WAY CHECK. ND FRAC STACK. NU BOP. PT, GOOD. RU FLOOR, FLOW LINES. TIH W/ 2-3/8" TBG & 3-7/8" 3-BLADE JUNK MILL TO 3,600'. UNLOAD WELL W/AIR. CONT TIH TO 5,100'. RU PWR SWVL & AIR, UNLOAD WELL. SISW. SDFN.
- 10/19/2023** SICP-0 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. TAG PLUG #1. BRING ON AIR/MIST. BREAK CIRC. **DO PLUG #1.** LET WELL CLEAN UP. VERIFY PLUG GONE. CUT AIR, HANG BACK PWR SWVL. TIH, TAG FILL/PLUG PARTS @ 5,605'. RU PWR SWVL AND BRING ON AIR. CO TO PLUG #2. TAG PLUG #2 @ 5,734'. **DO PLUG #2.** CIRC WELL. TIH W/SWVL. TAG FILL/PLUG PARTS & 60' OF FILL. CO TO PLUG #3. **DO PLUG #3.** CIRC WELL TO CLEAN UP. CUT AIR, HANG BACK PWR SWVL. TOOH 17 STDS, PULL FLOAT. TIH, TAG PLUG #4 @ 7,300'. RU PWR SWVL & AIR. **DO PLUG #4.** CIRC WELL CLEAN. CUT AIR, HANG BACK SWVL. TOOH 35 STDS ABOVE PERFS. SISW. SDFN.
- 10/20/2023** SICP-500 PSI, SITP- 0 PSI, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN WELL. TIH TO 7,580'. RU HOSE. BRING ON AIR/MIST. CIRC WELL CLEAN. CUT AIR, LD 6 JTS. TOOH W/ STRING. TIH W/ PROD BHA. SET TBG HANGER. LAND 235 JTS 2-3/8", 4.7#, J-55 **TBG @ 7,443'** (SN @ 7,441'). RD FLOOR & TOOLS. ND BOP, NU WH. DROP BALL, PT TBG 500 PSI, GOOD TEST. PUMP OFF EXP CHECK, UNLOAD WELL. RDRR.

The well is currently producing as a MV/GL/DK trimmingle on a test allowable **waiting** on RC C-104 approval.

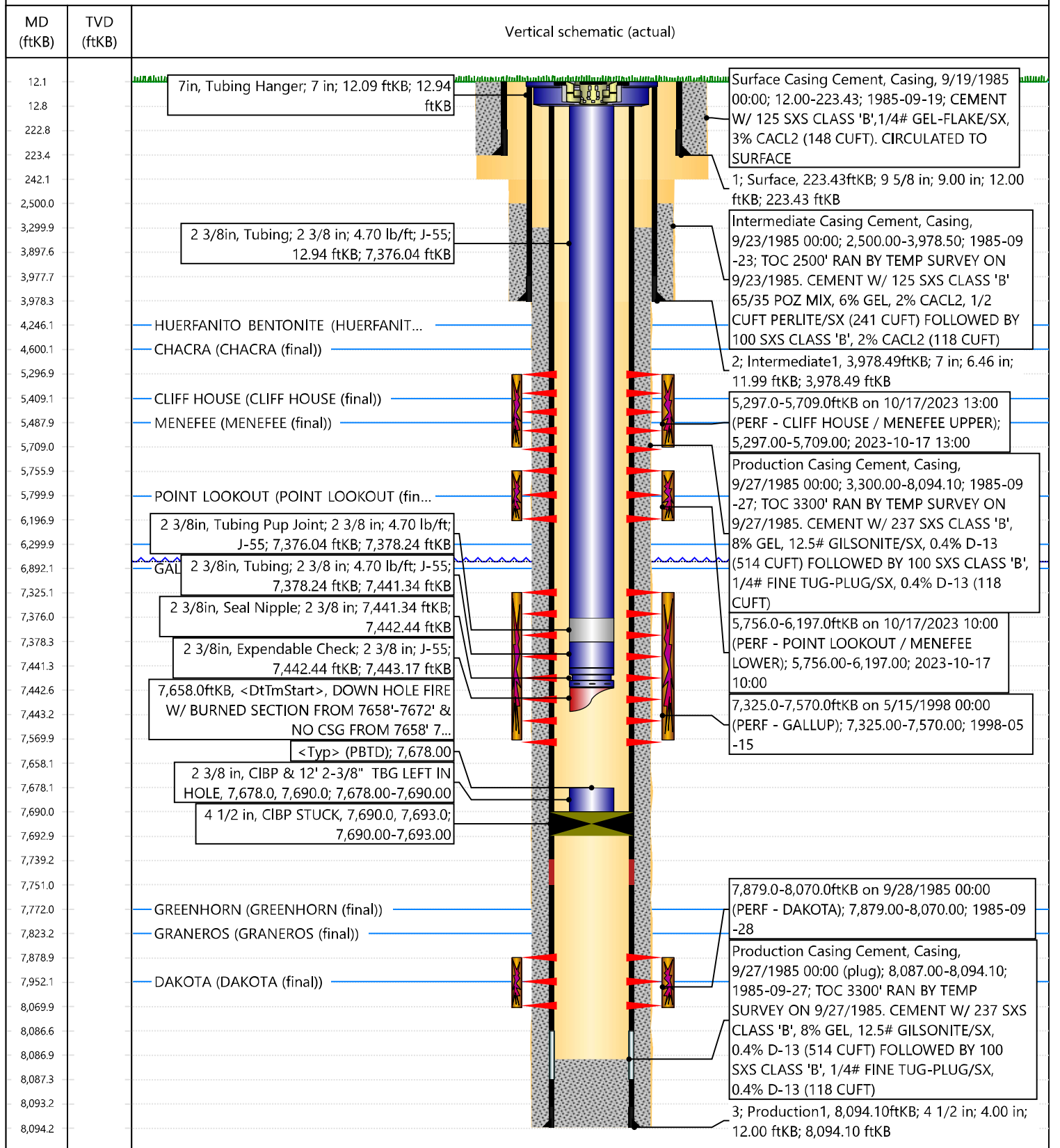


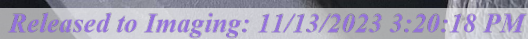
Current Schematic - Version 3

Well Name: SAN JUAN 28-5 UNIT #61E

API / UWI 3003923837	Surface Legal Location 018-028N-005W-E	Field Name BSN DK(PRO GAS) #0068	Route 1304	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,713.00	Original KB/RT Elevation (ft) 6,725.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [VERTICAL]





My Monitor for WCRID: 89985

Operator Name

HILCORP ENERGY COMPANY

Well Name

SAN JUAN 28-5 UNIT

Well Number

61E

US Well Number

3003923837

SHL

ALiquot: SWNW SEC: 18 TWN: 28N RNG: 5W

County

RIO ARRIBA

State

NM

Lease Number(s)

NMSF079250

Well Type

CONVENTIONAL GAS WELL

Well Status

PGW

Agreement Name

SAN JUAN 28-5 UNIT--DK. SAN JUAN 28-5 UNIT--MV

WCRx Worklist

[View all process activities in chronological order.](#)

ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date
101	Completed	Submit Well Completion Report	CHERYLENE WESTON	CHERYLENE WESTON	2023/10/31 12:49:34 PM		2023/10/31 12:56:02 PM
103	Completed	Initial Review	MATTHEW H KADE	Adjudicator	2023/10/31 12:56:04 PM		2023/10/31 4:50:33 PM
105	Completed	Engineer Review	MATTHEW H KADE	Engineer	2023/10/31 4:50:35 PM		2023/10/31 4:51:26 PM

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit E (SWNW), 1450' FNL & 790' FWL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

9/19/1985

15. Date T.D. Reached

9/27/1985

16. Date Completed 10/22/2023

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6,713'

18. Total Depth:

8,094'

19. Plug Back T.D.:

7,690'

20. Depth Bridge Plug Set:

MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL

22. Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☒ No☐ 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" H-10	32.3#	0	223'	n/a	125 sx			
8 3/4"	7" K-55	20#	0	3,978'	n/a	225 sx			
6 1/4"	4 1/2" N-80	11.6#	0	8,094'	n/a	337 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"	7,443'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse/Upper Menefee	5,297'	5,709'	1 SPF	.33"	22	open
B) Point Lookout/Lwr Menefee	5,756'	6,197'	1 SPF	.33"	25	open
C)						
D)						
TOTAL					47	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5297-5709	BDW w/water & 500 gal 15% HCl. Foam Frac w/125,263# 20/40 sand, 46,116 gal slickwater & 1.57M SCF N2 70 Q
5756-6197	BDW w/water & 500 gal 15% HCl. Foam Frac w/125,261# 20/40 sand, 45,486 gal slickwater & 1.68M SCF N2 70 Q
-	

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
10/22/2023	10/22/2023	4	➡	0	51 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	
24/64"	400 psi	410 psi	➡	0	51 mcf	0 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		0	White, cr-gr ss	Ojo Alamo	
Kirtland		0	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland		0	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	0,000'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra	4,600'	5,409'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	5,409'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	5,409'
Menefee	5,488'	5,800'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,800'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,800'
Mancos	6,300'	6,892'	Dark gry carb sh.	Mancos	
Gallup	6,892'	7,772'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,892'
Greenhorn	7,772'		Highly calc gry sh w/ thin lmst.	Greenhorn	7,772'
Graneros		7,952'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota	7,952'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,952'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/GL/DK trimmingle per DHC-5330. MV PA NMNM78411A.

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) Cherylene Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 10/27/2023

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.

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 284888

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 284888
	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 284888

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 284888
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	11/13/2023