

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 30-039-24314	⁵ Pool Name Basin Fruitland Coal	
⁶ Pool Code 71629		
⁷ Property Code 318714	⁸ Property Name San Juan 29-7 Unit NP	⁹ Well Number 142

II. ¹⁰ Surface Location

UI or lot no. J	Section 25	Township 29N	Range 07W	Lot Idn	Feet from the 1680	North/South Line South	Feet from the 1500	East/West Line East	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 10/11/1988	²² Ready Date 9/17/2023	²³ TD 3669'	²⁴ PBTD 3645' (NEW)	²⁵ Perforations 3390'-3548'	²⁶ DHC, MC DHC-5308
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
12 1/4"		8 5/8", 24#, J-55		223'	
7 7/8"		4 1/2", 10.5#, K-55		3669'	
		2 3/8", 4.7#, J-55		3615'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 9/17/2023	³³ Test Date 9/17/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 85 psi
³⁷ Choke Size 26/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 17 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: Cherylene Weston			OIL CONSERVATION DIVISION		
Printed name: Cherylene Weston			Approved by: PATRICIA MARTINEZ		
Title: Operations Regulatory Tech Sr.			Title: PETROLEUM SPECIALIST		
E-mail Address: cweston@hilcorp.com			Approval Date: 9/28/2023		
Date: 09/25/2023		Phone: 713-289-2615			

Well Name: SAN JUAN 29-7 UNIT NP	Well Location: T29N / R7W / SEC 25 / NWSE / 36.694046 / -107.517914	County or Parish/State: RIO ARRIBA / NM
Well Number: 142	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078425	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003924314	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2752326

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 09/20/2023

Time Sundry Submitted: 11:00

Date Operation Actually Began: 08/17/2023

Actual Procedure: The subject well was recompleted to the Fruitland Coal formation. Please see attached reports.

SR Attachments

Actual Procedure

SJ_29_7_Unit_NP_142_RC_Subsequent_Sundry_20230920105857.pdf

Well Name: SAN JUAN 29-7 UNIT NP	Well Location: T29N / R7W / SEC 25 / NWSE / 36.694046 / -107.517914	County or Parish/State: RIO ARRIBA / NM
Well Number: 142	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078425	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003924314	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: SEP 20, 2023 10:59 AM

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: 09/20/2023

Signature: Matthew Kade

San Juan 29-7 Unit NP 142

API: 3003924314

RC Subsequent Sundry

- 8/17/2023** MIRU. TP-100, CP-100, BH-0. BDW. ND WH. NU BOP. PULL TBG/HANGER. PU 2 JTS, TAG BOTTOM. LD TAG JTS. SISW. SDFN.
- 8/18/2023** PJSM. SITP-100, SICP-100, BH-0. BDW. RU PREMIER. SCAN OUT TBG. RD PREMIER. TAGGED FILL @ 3603'. BOTTOM 10' OF PERFS COVERED. RIH W/ 3 7/8" STRINGMILL/BIT. SWAP OUT FLOATS. PU TBG, RIH TO 3580'. TOH. LD BHA. SISW. SDFW.
- 8/21/2023** PJSM. SITP-0, SICP-100, BH-0. BDW. TIH, SET **4 1/2" CIBP @ 3561'**. LOAD HOLE W/50 BBLS. PT CSG 645 PSI X 30 MINS, GOOD TEST. POH, LD ALL PIPE. TOP OFF CSG. SISW. SDFN.
- 8/22/2023** PJSM. SITP-0, SICP-0, BH-0. BDW. RU WILSON. PERFORM **MIT FROM SURFACE TO 3561'. MIT WITNESSED BY NMOCD, THOMAS VERMERSCH. MIT PASSED.** RD WILSON. ND BOP. CHG OUT 2K WH. TESTED VOID. NU BOP. RU WL TRUCK. RIH, SHOOT FIRST 2 PERFS, 3RD SHOT MISFIRED. POH CHECK GUN. BAD SWITCH. FINISH PERFORATING IN THE AM. SISW. SDFN.
- 8/23/2023** PJSM. SITP-0, SICP-0, BH-0. BDW. RIH, **PERF STAGE 1 (FRC) W/0.33" SELECT FIRE 3 SPF @ 3505', 3510', 3516', 3529', 3538', 3540', 3542', 3544', 3548' (24 HOLES).** SET FRAC PLUG @ 3500'. CORROLATED EVERYTHING OFF MKR JT 3440'-3455'. RD WL. RIH W/FRAC BHA, 2 3/8" X 4 1/2" AS1-X PKR. HYDROTEST 2 7/8" STRING. SET PKR @ 3323.83'. LAND HANGER. ND BOP. LOAD & PT CSG/PKR TO 550 PSI X 30 MINS, GOOD TEST. INSTALL 2-WAY CHECK. NU FRAC STACK & TEST, GOOD TEST. RD WILSON. SIW. RR.
- 9/12/2023** SITP-0 PSI, SICP-0 PSI, SIBHP-0 PSI. MIRU GORE N2 & BASIN WL. RU FRAC & N2. PT FRAC & N2 LINES TO 7800 PSI, GOOD TEST. **FRAC FRUITLAND COAL @ 50 BPM W/ 60 Q N2 FOAM. TOTAL ACID: 500 GAL, TOTAL SLICKWATER: 55,188 GAL, TOTAL 100 MESH: 7,554 LBS, TOTAL 40/70 SAND: 67,271 LBS, TOTAL N2: 1.25M SCF.** PT PLUG 1500 PSI, GOOD. RIH, **PERF STAGE 2 (FRC) W/ 0.34" DIA, 1-11/16" STRIP GUNS, SELECT FIRE 2 SPF, 0 DEGREE PHASING @ 3390', 3406', 3408', 3461', 3464', 3467', 3469', 3473', 3477', 3481', 3487', 3489', 3492', 3493' (28 HOLES).** POH. **FRAC FRUITLAND COAL @ 50 BPM W/ 60 Q N2 FOAM. TOTAL ACID: 500 GAL, TOTAL SLICKWATER: 51,030 GAL, TOTAL 100 MESH: 7,446 LBS, TOTAL 40/70 SAND: 84,400 LBS, TOTAL N2: 1.2M SCF.** SISW. RDMO FRAC, N2 & WL.
- 9/13/2023** MIRU. SITP-950, SICP-0, BH-0. BDW. PUMP 18 BBLS. INSTALL 2-WAY CHECK. ND FRAC STACK. NU BOP. TEST STACK 350/LOW, 2500/HIGH. RU AIR. PREP TO UNSET PKR & LD FRAC STRING IN THE AM. SISW. SDFN.
- 9/14/2023** PJSM. SITP-800, SICP-0, BH-0. BDW. PULL HANGER. UNSET PKR. RU WELLCHECK. LUBE OUT 2-WAY CHECK. PSI BELOW CHECK 800 PSI. BLEED/KILL TBG W/18 BBLS. RD WELLCHECK. LD FRAC STRING. SWAP FLOATS. CHG OUT TOOLS. MU 3 7/8" 5-BLADE JUNK MILL. TIH, TAG SAND @ 3490'. PU PWR SWVL, KI AIR @ 1150 CFM, MIST @ 10 BPH W/FOAMER & INHIBITOR. **DO FRAC PLUG @ 3499'.** CO. HANG BACK SWVL. SDFN.
- 9/15/2023** PJSM. SITP-0, SICP-550, BH-0. BDW. PU 9 JTS & PWR SWVL. TAGGED SAND @ 3535'. UNLOAD, EST GOOD RETURNS W/FOAM. CO SAND. **DO CIBP @ 3561'.** TAG FILL @ 3622'. CO TO 3643.50' (**NEW PBTD @ 3645'**). SD AIR, HANG BACK SWVL. TOH. TIH PROD STRING, DRIFTING ALL PIPE HALFWAY. SISW. SDFN.
- 9/16/2023** PJSM. SITP-0, SICP-250, BH-0. BDW. TIH W/PROD, DRIFTING ALL PIPE. CHECK FOR FILL, NO FILL. INSTALL TBG HANGER. LAND 114 JTS 2-3/8", 4.7#, J-55 **TBG @ 3615'** (SN @ 3613'). ND BOP. NU WH. PUMP 5 BBL PAD, DROP BALL. PT TBG TO 500 PSI, GOOD. PUMP OFF CHECK. SIW. TURN OVER TO PRODUCTION. RDRR.

THE WELL IS PRODUCING AS A FRC/MV COMMINGLE ON TEST ALLOWABLE WAITING ON RC C-104 APPROVAL.

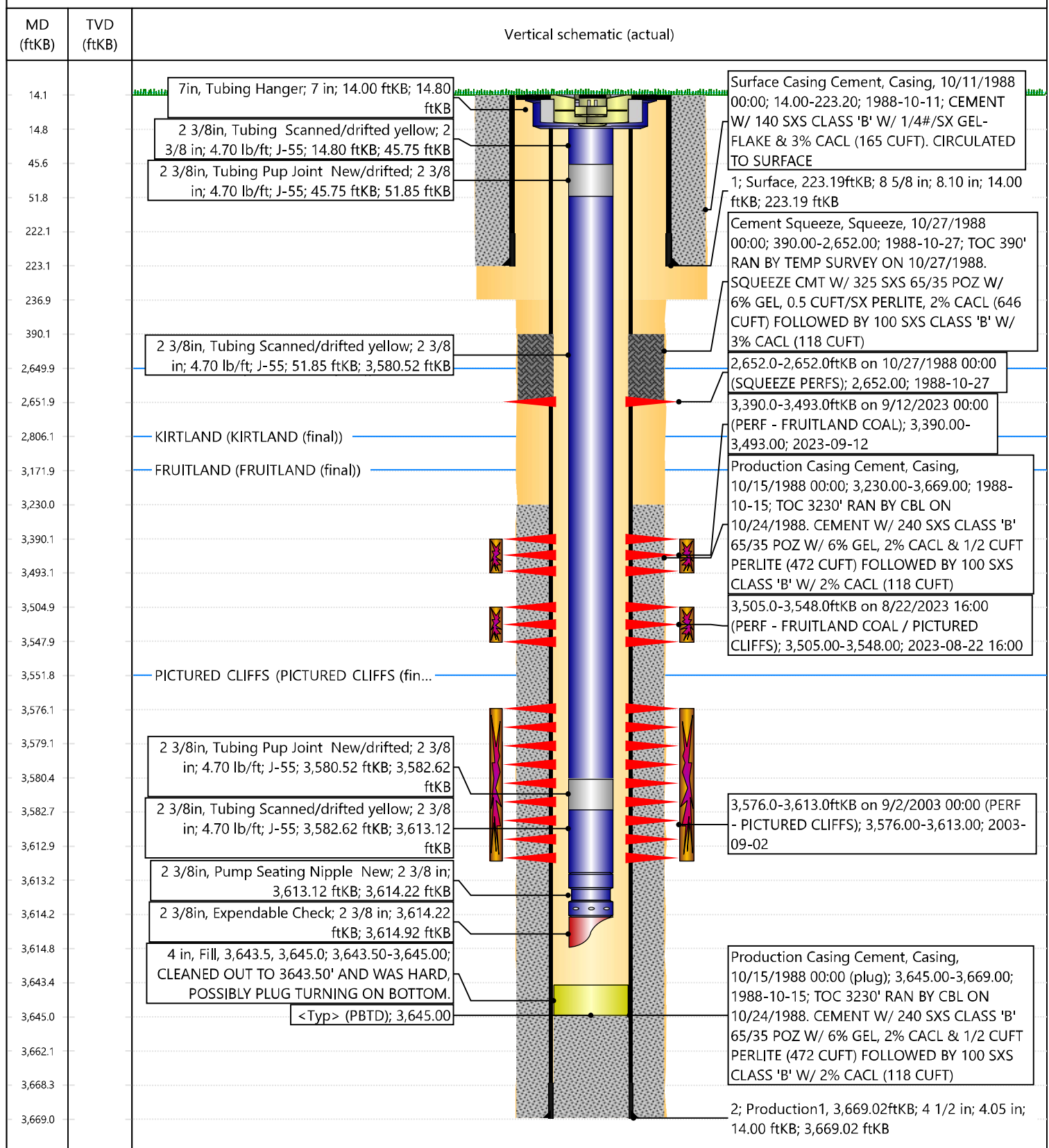


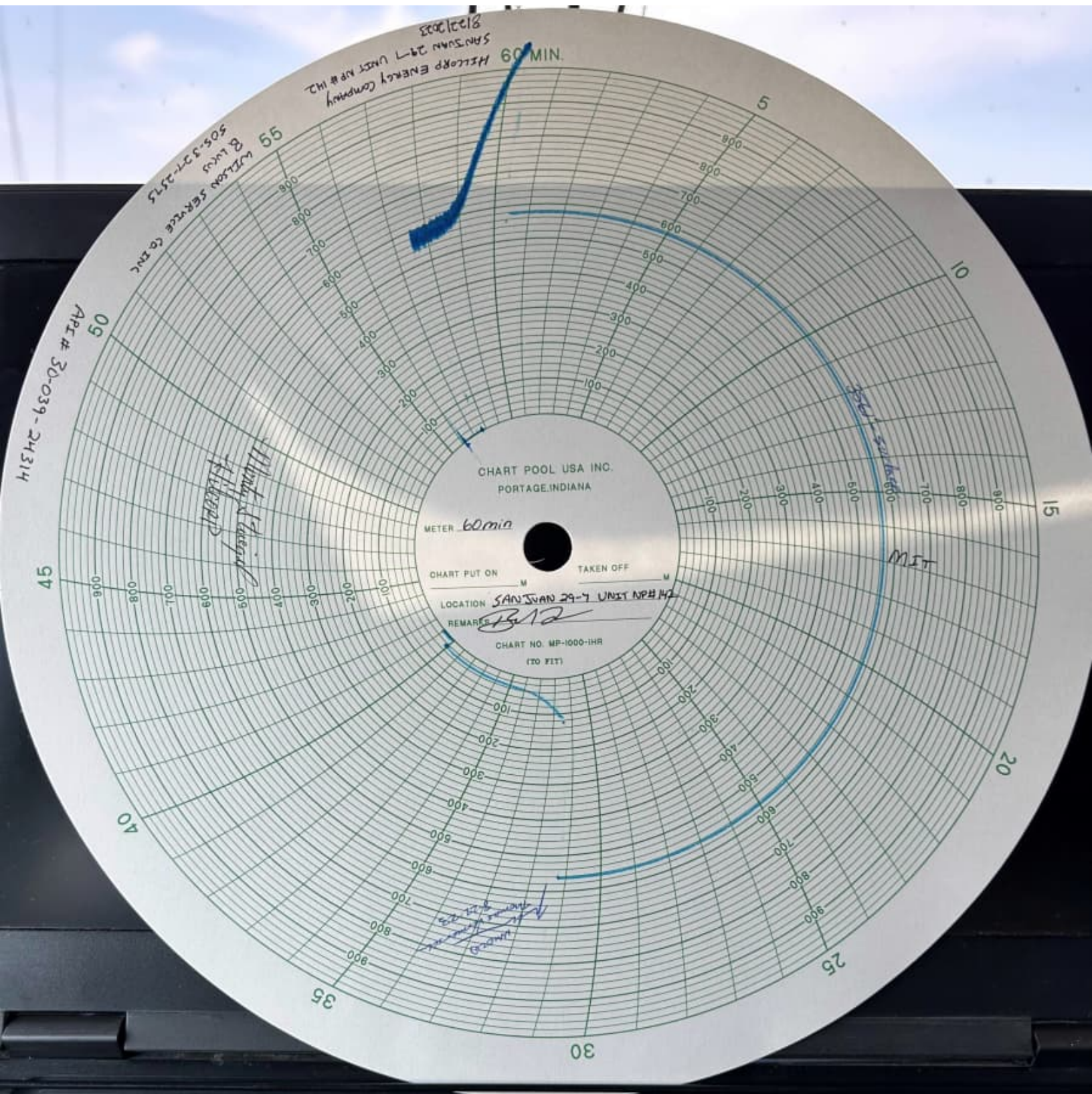
Current Schematic - Version 3

Well Name: SAN JUAN 29-7 UNIT NP #142

API/ UWI 3003924314	Surface Legal Location 025-029N-007W-J	Field Name BLANCO PICTURED CLIFFS (GAS)	Route 1008	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,725.00	Original KB/RT Elevation (ft) 6,739.00	RKB to GL (ft) 14.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole [VERTICAL]





Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, September 20, 2023 1:34 PM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 29-7 UNIT NP, Well Number: 142, 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 29-7 UNIT NP**
- Well Number: **142**
- US Well Number: **3003924314**
- Well Completion Report Id: **WCR2023092089444**

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

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 874103a. Phone No. (include area code)
(505) 333-1700

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

At surface Unit J (NWSE), 1680' FSL & 1500' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded
10/11/198815. Date T.D. Reached
10/15/198816. Date Completed 9/17/2023
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6,725'

18. Total Depth: 3,669'

19. Plug Back T.D.: 3645' (NEW)

20. Depth Bridge Plug Set: MD
TVD

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

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"	8 5/8" J-55	24#	0	223'	n/a	140 sx			
7 7/8"	4 1/2" K-55	10.5#	0	3,669'	n/a	340 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"	3,615'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	3,390'	3,493'	2 SPF	.34"	28	open
B) Fruitland Coal	3,505'	3,548'	3 SPF	.33"	24	open
C)						
D)						
TOTAL					52	

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

Depth Interval	Amount and Type of Material
3390-3493	BDW w/H2O, 500gal 15% HCL. Foam Frac w/51,030 gal 60 Q slickwater, 7,446# 100 mesh, 84,400# 40/70 sand, 1.2M SCF N2
3505-3548	BDW w/H2O, 500gal 15% HCL. Foam Frac w/55,188 gal 60 Q slickwater, 7,554# 100 mesh, 67,271# 40/70 sand, 1.25M 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
9/17/2023	9/17/2023	4	➡	0	17 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"	0 psi	85 psi	➡	0	17 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	2,575'	2600	White, cr-gr ss	Ojo Alamo	2,575'
Kirtland	2,600'	3240	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2,600'
Fruitland	3,240'	3552	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3,240'
Pictured Cliffs	3,552'	0	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3,552'
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra			Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House			Light gry, med-fine gr ss, carb sh & coal	Cliff House	
Menefee			Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout			Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
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 FRC/PC commingle per DHC-5308.

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 9/20/2023

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 268863

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 268863
	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 268863

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 268863
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/28/2023