

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 30-039-21747	⁵ Pool Name Blanco Mesaverde (Prorated Gas)	⁶ Pool Code 72319
⁷ Property Code 318713	⁸ Property Name San Juan 29-7 Unit	⁹ Well Number 114

II. ¹⁰ Surface Location

UI or lot no. K	Section 33	Township 29N	Range 07W	Lot Idn	Feet from the 2020'	North/South Line South	Feet from the 1470'	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 11/19/1978	²² Ready Date 5/6/2023	²³ TD 7840'	²⁴ PBTD 7823'	²⁵ Perforations 4990' – 5656'	²⁶ DHC, MC DHC - 5031
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 3/4"	9 5/8", 36#, K-55	221'	224 cf		
8 3/4"	7", 20#, KS	3624'	276 cf		
6 1/4"	4 1/2", 10.5 & 11.6#, KS	7840'	646 cf		
	2 3/8", 4.7, J-55	7701'			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 5/6/2023	³³ Test Date	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure SI-250	³⁶ Csg. Pressure SI-320
³⁷ Choke Size 24/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 40 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: 		OIL CONSERVATION DIVISION	
Printed name: Amanda Walker		Approved by: PATRICIA MARTINEZ	
Title: Operations Regulatory Tech Sr.		Title: PETROLEUM SPECIALIST	
E-mail Address: mwalker@hilcorp.com		Approval Date: 5/24/2023	
Date: 5/15/2023	Phone: 346-237-2177		

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 33 / NESW / 36.680679 / -107.579636	County or Parish/State: RIO ARRIBA / NM
Well Number: 114	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078503	Unit or CA Name: SAN JUAN 29-7 UNIT--DK	Unit or CA Number: NMNM78417B
US Well Number: 3003921747	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2731028

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 05/15/2023

Time Sundry Submitted: 01:38

Date Operation Actually Began: 02/17/2023

Actual Procedure: The following well has been recompleted into the Mesaverde as of 5/6/2023 and is now producing as a DHC with the existing Dakota. Please see the attached or the recompletion operations.

SR Attachments

Actual Procedure

SJ_29_7_Unit_114_RC_SR_Writeup_20230515133805.pdf

Well Name: SAN JUAN 29-7 UNIT	Well Location: T29N / R7W / SEC 33 / NESW / 36.680679 / -107.579636	County or Parish/State: RIO ARRIBA / NM
Well Number: 114	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078503	Unit or CA Name: SAN JUAN 29-7 UNIT--DK	Unit or CA Number: NMNM78417B
US Well Number: 3003921747	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: MAY 15, 2023 01:38 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTONState: 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: 05/18/2023

Signature: Matthew Kade

San Juan 29-7 Unit 114
30-039-21747
NMSF078503
SR Recomplete

2/17/2023: MIRU. CK WELL PRESSURES (SITP: 47 PSI SICP: 47 PSI SIBHP: 0 PSI). ND WH. NU BOP, FT, GOOD TST. TOO H W/TBG, 29 STDS CORRODED OFF. ESTIMATED TOF @ 1827'. SDFN.

2/20/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 200 PSI SIBHP: 0 PSI). TIH & TAG TOF @ 1877'. LATCH FISH & PULL, TOO H W/25 JTS. TOF @ 2661'. SDFN.

2/21/2023: CK WELL PRESSURES (SITP: 205 PSI SICP: 205 PSI SIBHP: 0 PSI). TIH & LATCH FISH & PULL. TOO H W/5 JTS. SDFN.

2/22/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 190 PSI SIBHP: 0 PSI). TIH & LATCH FISH @ 2850' & PULL. TOO H W/67 JTS. SDFN.

2/23/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 190 PSI SIBHP: 0 PSI). TIH & LATCH FISH @ 4982'. TOO H W/90 JTS. ALL OF FISH RECOVERED. SDFN.

2/24/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 190 PSI SIBHP: 0 PSI). TIH W/MILL T/7606'. TIH W/CIBP & SET @ 7590'. LOAD & PT CSG, GOOD TST. SDFN.

2/27/2023: CK WELL PRESSURES (SITP: 0 PSI. SICP: 0 PSI). ND BOP. NU WH. SDFN. WAIT FOR MIT.

3/16/2023: CK WELL PRESSURES (SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). RU WELL CHECK. PERFORM MIT, PRESSURE UP TO 550 PSI FOR 30 MINS, GOOD TST. TST WITNESSED VIA FACETIME BY CLARENCE SMITH/NMOCD. RIH W/CBP & SET @ 5750'. SDFN. **EMAIL SENT TO MONICA/NMOCD & KENNY/BLM TO PROVIDE COPY OF CBL AND REQUEST TO CONT WITH RECOMPLETE OPERATIONS AND PERF RANGE OF 4864' – 6019'. APPROVAL RECEIVED FROM BOTH MONICA/NMOCD AND KENNY/BLM.**

3/28/2023: CK WELL PRESSURES (SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND WH. NU FRAC STACK & PT T/4000 PSI, GOOD TST. SD. WAIT ON FRAC.

4/28/2023: MIRU FRAC CREW. CK WELL PRESSURES (SITP: 0 PSI SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI). **PERF POINT LOOKOUT (5536' – 5656') W/24 SHOTS, 3 SPF, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING AT 5536', 5546', 5560', 5580', 5588', 5600', 5612', 5656'. ALL SHOTS FIRED. STIMULATE POINT LOOKOUT (5536' – 5656') AS FOLLOWS: FRAC AT 70 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 719 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 707 BBLS TOTAL 20/40 SAND: 107,233 LBS TOTAL N2: 953,000 SCF. RIH & SET DBP @ 5480'. PERF MENELEE (5230' – 5414') W/24 SHOTS, 3 SPF, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING AT 5230', 5242', 5292', 5331', 5344', 5358', 5392', 5414'. ALL SHOTS FIRED. STIMULATE MENELEE (5230' – 5414') AS FOLLOWS: FRAC AT 55 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 685 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 673 BBLS TOTAL 20/40 SAND: 92,401 LBS TOTAL N2: 1,229,000 SCF. RIH & SET DBP @ 5170'. PERF CLIFFHOUSE (4990' – 5144') W/24 SHOTS, 3 SPF, 0.35" DIA, 3-1/8" HSC GUN, SELECT FIRE 3 SPF 120 DEGREE PHASING AT 4990', 4998', 5014', 5027', 5037', 5116', 5128', 5144'. ALL SHOTS FIRED. STIMULATE CLIFFHOUSE AS FOLLOWS: FRAC AT 70 BPM W/ 70 Q N2 FOAM. TOTAL LOAD: 744 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 732 BBLS TOTAL 20/40 SAND: 113,539 LBS TOTAL N2: 940,000 SCF. RIH & SET CBP @ 4550'. RD FRAC CREW. WAIT FOR CLEANOUT.**

San Juan 29-7 Unit 114
30-039-21747
NMSF078503
SR Recomplete

4/30/2023: MIRU. CK WELL PRESSURES (SITP: N/A SICP: 100 PSI SIICP: 0 PSI SIBHP: 0 PSI). ND FRAC STACK, NU BOP, FT, GOOD TST. TIH, EST CIRC. TAG & **DO CBP @ 4550'**. UNLOAD HOLE. SDFN.

5/1/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 250 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH. TAG FILL @ 5127', EST CIRC & CO DWN T/**DBP @ 5170', DO. PARTIALLY DISSOLVED**. CIRC WELL CLEAN. CONT TIH & TAG @ 5424', CO FILL DWN T/**DBP @ 5480' & DO**. CIRC CLEAN. CONT TIH & TAG **CBP @ 5750' & DO**. CIRC CLEAN. TOOH T/4775'. SDFN.

5/2/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 360 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & TAG FILL @ 5716'. EST CIRC, CO DWN T/**CIBP @ 7590' & DO**. CIRC CLEAN. CONT TIH, TAG FILL ABV PBTD (7790'). EST CIRC, CO PLUG PARTS F/7790' T/7800'. CIRC CLEAN. TOOH ABV PERFS. SDFN.

5/3/2023: CK WELL PRESSURES (SITP: 0 PSI SICP: 360 PSI SIICP: 0 PSI SIBHP: 0 PSI). TIH & TAG FILL @ 7800'. RU PWR SWVL & EST CIRC. CO F/7800' T/7823' (PBTD). TOOH W/SWVL. TIH W/225 JTS 2 3/8" 4.7# J-55 PROD TBG. EOT @ 7701'. SN @ 7700'. PBTD @ 7823'. ND BOP. NU WH. PMP 10 BBLS DWN TBG. DROP PMP OFF BALL. PT TBG W/AIR T/500 PSI, GOOD. PMP OFF EXPENDABLE CK @ 895 PSI, UNLOADED WELL. RDRR. HAND OVER OPERATIONS TO PRODUCTION.

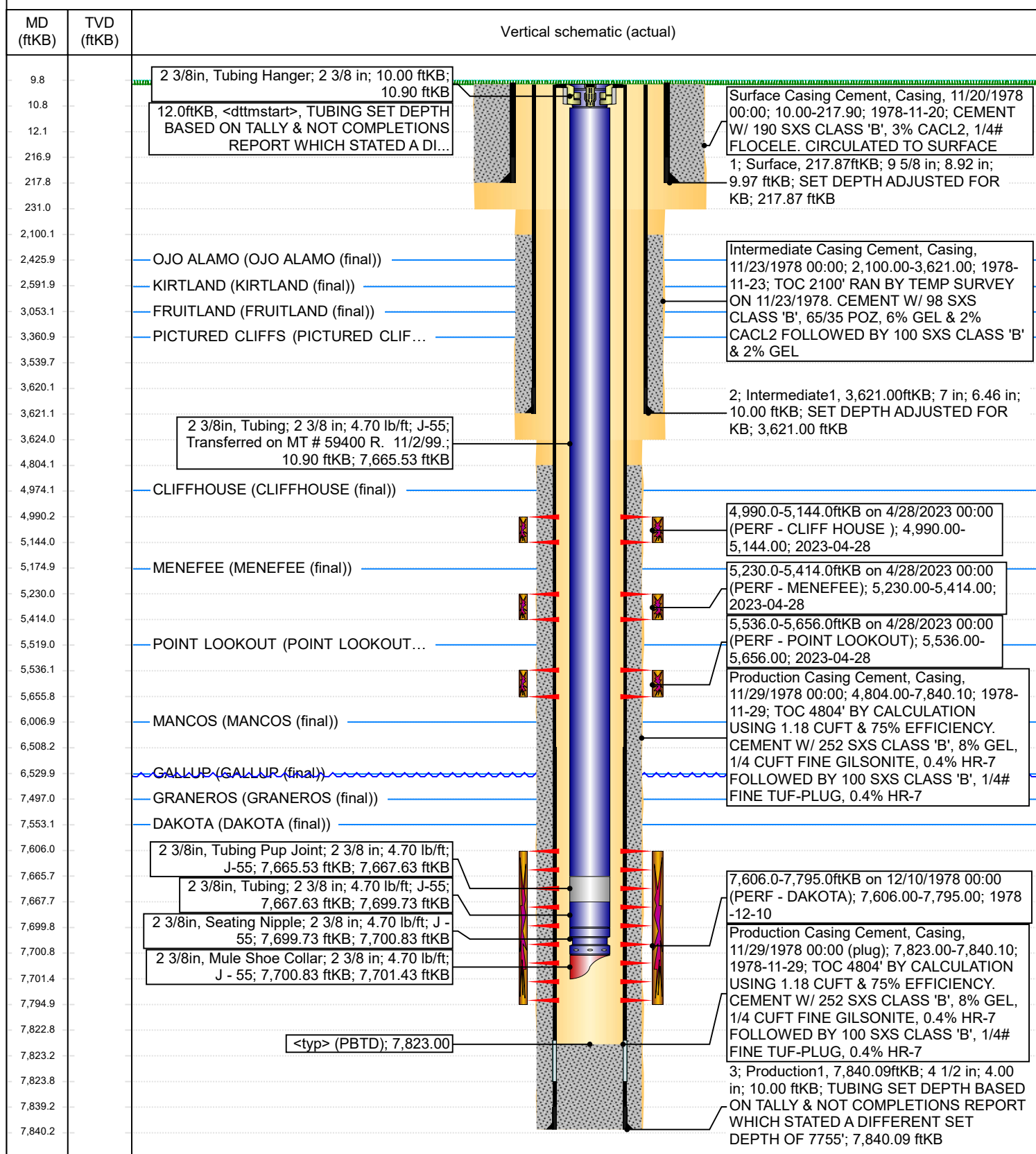


Current Schematic - Version 3

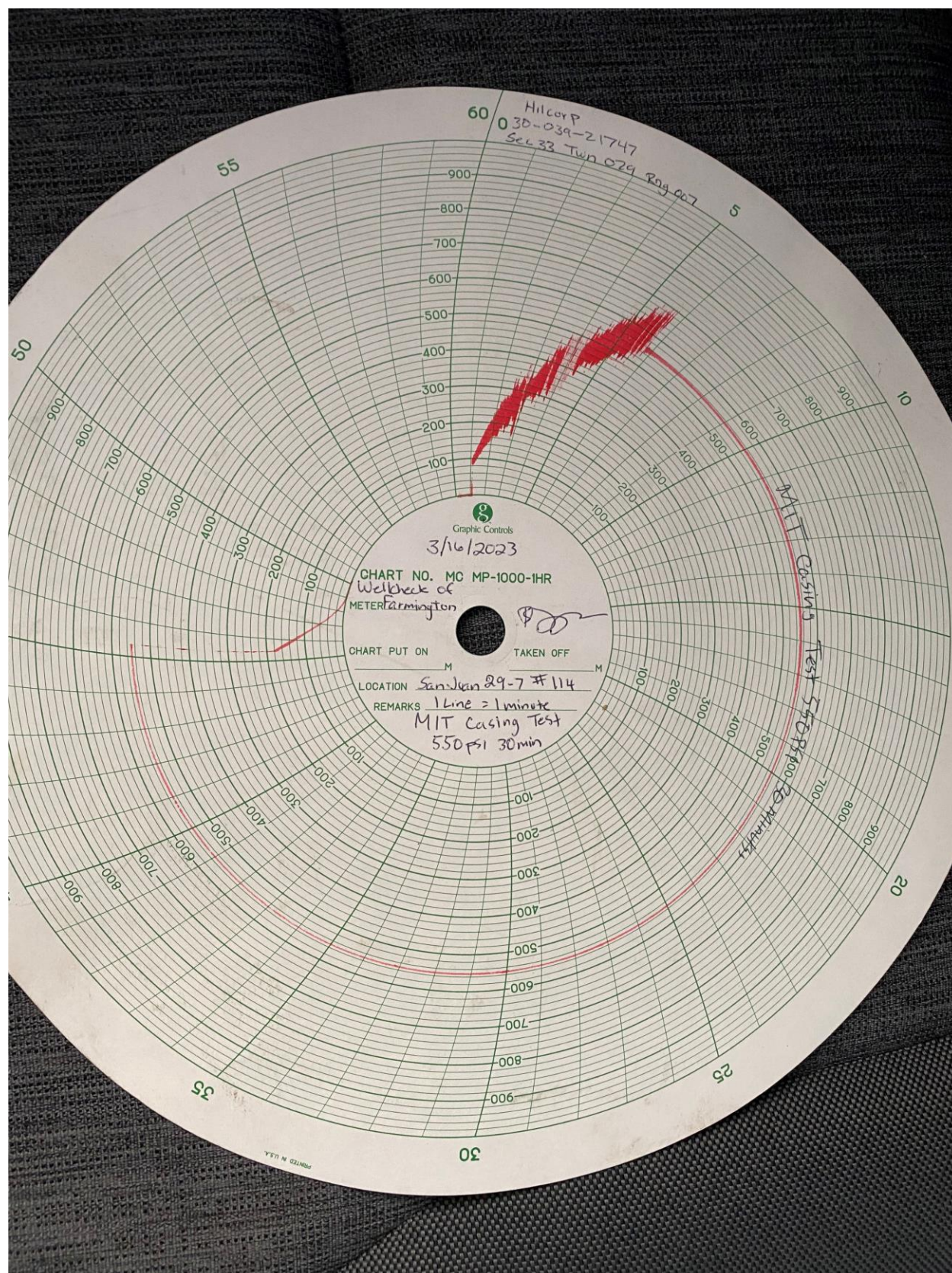
Well Name: SAN JUAN 29-7 UNIT #114

API / UWI 3003921747	Surface Legal Location 033-029N-007W-K	Field Name BSN DK(PRO GAS)	#0068	Route 1001	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,623.00	Original KB/RT Elevation (ft) 6,633.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Original Hole [VERTICAL]



Witnessed via Facetime by Clarence Smith/NMOCD



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 Company3. Address
382 Road 3100, Aztec, NM 874103a. Phone No. (include area code)
(505) 599-3400

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

At surface
Unit K (NESE) 2020' FSL & 1470' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded
11/19/197815. Date T.D. Reached
11/29/197816. Date Completed **5/6/2023**
☐ D & A ☒ Ready to Prod.18. Total Depth:
7840'19. Plug Back T.D.:
7823'20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL & USIT22. 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" K-55	36		221'		224 cf			
8 3/4"	7"	20		3624'		276 cf			
6 1/4"	4 1/2"	10.5/11.6		7840'		646 cf			

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"	7701'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse	4990'	5144'	3 SPF	0.35"	24	OPEN
B) Menefee	5230'	5414'	3 SPF	0.35"	24	OPEN
C) Point Lookout	5536'	5656'	3 SPF	0.35"	24	OPEN
D)						

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

Depth Interval	Amount and Type of Material
CLIFFHOUSE (4990' - 5144')	FRAC AT 70 BPM W/ 70 Q N2 FOAM
MENEFEE (5230' - 5414')	FRAC AT 55 BPM W/ 70 Q N2 FOAM.
POINT LOOKOUT (5536' - 5656')	FRAC AT 70 BPM W/ 70 Q N2 FOAM

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
5/6/2023		24	➡	0	40	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24/64"	SI - 250	SI - 320	➡	0	40	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	2426	2592	White, cr-gr ss	Ojo Alamo	2426
Kirtland	2592	3053	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2592
Fruitland	3053	3361	Dk gry-gry carb sh, coal, gm silts, light-med gry, tight, fine gr ss.	Fruitland	3053
Pictured Cliffs	3361	4974	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3361
Cliff House	4974	5175	Light gry, med-fine gr ss, carb sh & coal	Cliff House	4974
Menefee	5175	5519	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5175
Point Lookout	5519	6007	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5519
Mancos	6007	6530	Dark gry carb sh.	Mancos	6007
Gallup	6530	7497	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6530
Graneros	7497	7553	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7497
Dakota	7553	0	Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7553


32. Additional remarks (include plugging procedure):

The following well is now producing as a MV/DK DHC under 5031**MV PA# NMNM 078417A**

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	5/15/2023

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.

Released to Imaging: 5/24/2023 10:15:47 AM

(Continued on page 3)

(Form 3160-4, page 2)

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Thursday, May 18, 2023 8:54 AM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: SAN JUAN 29-7 UNIT, Well Number: 114, 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**
§ Well Number: **114**
§ US Well Number: **3003921747**
§ Well Completion Report Id: **WCR2023051888101**

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 218010

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218010
	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 218010

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 218010
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/24/2023