

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 30-039-20149	⁵ Pool Name Basin Mancos	⁶ Pool Code 97232
⁷ Property Code 319210	⁸ Property Name San Juan 27-4 Unit	⁹ Well Number 51

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
H	29	27N	04W		1450	North	800	East	Rio Arriba

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
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

²¹ Spud Date 9/28/1968	²² Ready Date 9/23/2023	²³ TD 8173'	²⁴ PBTD 8169'	²⁵ Perforations 7252'-7482'	²⁶ DHC, MC DHC-5324
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
15"	10 3/4", 32.75#, J-55	202'	185 sx		
9 7/8"	7 5/8", 26.4#, J-55	3922'	155 sx		
6 3/4"	4 1/2", 11.6#, 10.5#, J-55	8173'	450 sx		
	2 3/8", 4.7#, J-55	8093'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 9/23/2023	³³ Test Date 9/23/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 840 psi	³⁶ Csg. Pressure 840 psi
³⁷ Choke Size 21/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 16 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*
Printed name: **Cherylene Weston**
Title: **Operations Regulatory Tech Sr.**
E-mail Address: **cweston@hilcorp.com**
Date: **09/27/2023** Phone: **713-289-2615**

OIL CONSERVATION DIVISION
Approved by: Sarah McGrath
Title: Petroleum Specialist - A
Approval Date: 10/05/2023

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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 30-039-20149	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 319210	⁸ Property Name San Juan 27-4 Unit	⁹ Well Number 51

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
H	29	27N	04W		1450	North	800	East	Rio Arriba

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				

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¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
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IV. Well Completion Data

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²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
15"	10 3/4", 32.75#, J-55	202'	185 sx		
9 7/8"	7 5/8", 26.4#, J-55	3922'	155 sx		
6 3/4"	4 1/2", 11.6#, 10.5#, J-55	8173'	450 sx		
	2 3/8", 4.7#, J-55	8093'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 9/23/2023	³³ Test Date 9/23/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 840 psi	³⁶ Csg. Pressure 840 psi
³⁷ Choke Size 21/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 34 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*
Printed name: **Cherylene Weston**
Title: **Operations Regulatory Tech Sr.**
E-mail Address: **cweston@hilcorp.com**
Date: **09/27/2023** Phone: **713-289-2615**

OIL CONSERVATION DIVISION
Approved by: Sarah McGrath
Title: Petroleum Specialist - A
Approval Date: 10/05/2023

Well Name: SAN JUAN 27-4 UNIT	Well Location: T27N / R4W / SEC 29 / SENE / 36.547363 / -107.266983	County or Parish/State: RIO ARRIBA / NM
Well Number: 51	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080670	Unit or CA Name: SAN JUAN 27-4 UNIT--DK	Unit or CA Number: NMNM78408B
US Well Number: 3003920149	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2753401

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 09/26/2023

Time Sundry Submitted: 03:12

Date Operation Actually Began: 09/01/2023

Actual Procedure: Hilcorp Energy recompleted the subject well in the Mesaverde and Mancos. Please see attached reports.

SR Attachments

Actual Procedure

SAN_JUAN_27_4_UNIT_51_CBL_20230926151051.pdf

SJ_27_4_Unit_51_RC_Subsequent_Sundry_20230926142240.pdf

Well Name: SAN JUAN 27-4 UNIT

Well Location: T27N / R4W / SEC 29 /
SENE / 36.547363 / -107.266983

County or Parish/State: RIO
ARRIBA / NM

Well Number: 51

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF080670

Unit or CA Name: SAN JUAN 27-4
UNIT--DK

Unit or CA Number:
NMNM78408B

US Well Number: 3003920149

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 26, 2023 03:11 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: 09/27/2023

Signature: Matthew Kade

San Juan 27-4 Unit 51

API: 3003920149

RC Subsequent Sundry

- 9/1/2023 MIRU. SITP-75 PSI. SICP-60 PSI. SIICP-0 PSI. SIBHP-0 PSI. BDW. ND WH. NU BOP & FT, GOOD. UNSET TBG HNGR. KILL CSG W/30 BBLS WTR. TOO H W/104 JTS. TBG PARTED ABOVE UPSET. SISW. SDFWE.
- 9/5/2023 PJSM. CSG-360 PSI, TBG-0 PSI. BDW. TIH W/OS, TAG TOF. LATCH FISH. TOO H, LD OS & FISH. PERF HOLE IN TBG. FINISH LD FISH. TIH 3 3/4" STRING MILL TO 3336'. SDFN.
- 9/6/2023 PJSM. CSG-160 PSI, TBG-0 PSI. BDW. TIH 3 3/4" STRINGMILL TO 7944'. TOO H, LD MILL. RIH, SET **4.5 CIBP @ 7920'**. LOAD HOLE, PT 500 PSI, GOOD. TOO H. SISW. SDFN.
- 9/7/2023 RU WL. **RUN CBL & MIT, WITNESSED BY ANTHONY BUNNY & THOMAS VERMERSCH, NMOCD. SET PLUG @ 7510'**. RD WL. TIH, UNLOAD WELL. SISW. SDFN.
- 9/8/2023 RU WL. RIH, **PERFORATE MANCOS W/ 0.37" DIA, 4 SPF @ 7,474-7,482' (36 HOLES)**. RD WL. SDFN.
- 9/9/2023 TIH, SET **RBP @ 5425'**. LOAD HOLE, PT 2K, GOOD. RUN PKR. HANG TBG OFF. ND BOP, ND 3K WH. NU 5K WH. PT CSG 4K, GOOD. NU BOP & FT. REL PKR. LD TBG/RBP. SISW. SDFN.
- 9/10/2023 TIH, LD TBG, ND BOP, NU FRAC STACK. PT 4K, GOOD TEST. RDRR.
- 9/15/2023 MIRU GORE N2 SERVICES. RU BASIN WL. RU FRAC & N2. TEST FRAC/N2 LINES TO 4500 PSI, GOOD. **FRAC MANCOS ZONE @ 30 BPM W/ 70 Q N2 FOAM. TOTALS, ACID: 500 GAL, SLICKWATER: 35,406 GAL, 20/40 SAND: 50,201 LBS, N2: 1.6M SCF. RIH, SET CFP @ 7350'. PERF STAGE #2 MANCOS W/240 SHOTS, 0.34" DIA., HSC GUNS, 4 SPF, 120 DEGREE PHASING @ 7252'-7282' & 7296'-7326'. POOH. FRAC MANCOS ZONE @ 35 BPM W/ 70 Q N2 FOAM. TOTALS, ACID: 500 GAL, SLICKWATER: 85,260 GAL, 20/40 SAND: 203,921 LBS, N2: 5.1M SCF. SISW. SDFN.**
- 9/16/2023 PJSM. SITP-0 PSI, SICP-800 PSI, SIICP-0 PSI, SIBHP-0 PSI. RU BASIN WL. RIH, SET **CBP @ 6320'. PERF STAGE #3 PT. LOOKOUT/MENEFEE W/ 0.33" DIA, 2-3/4" DYNASTAGE GUN, 1 SPF, 0 DEGREE PHASING @ 5852', 5872', 5931', 5938', 5950', 5952', 5962', 5973', 5981', 5992', 6007', 6017', 6035', 6053', 6065', 6072', 6129', 6143', 6163', 6250', 6271', 6291' (22 HOLES)**. POOH. PT FRAC/N2 LINES 4500 PSI, GOOD. **FRAC PTLO/MEN @ 60 BPM W/ 70 Q N2 FOAM. TOTALS, ACID: 500 GAL, SLICKWATER: 47,712 GAL, 20/40 SAND: 127,291 LBS, N2: 1.7M SCF. RIH, SET CFP @ 5825'. PERF STAGE #4 CLIFFHOUSE/UPPER MENEFEE W/ 0.33" DIA, 2-3/4" DYNASTAGE GUN, 1 SPF, 0 DEGREE PHASING @ 5425', 5440', 5447', 5458', 5470', 5479', 5494', 5509', 5523', 5528', 5548', 5558', 5565', 5599', 5623', 5638', 5657', 5697', 5788', 5813' (20 HOLES)**. POOH. **FRAC CH/MEN @ 55 BPM W/ 70 Q N2 FOAM. TOTALS, ACID: 500 GAL, SLICKWATER: 45,780 GAL, 20/40 SAND: 131,506 LBS, N2: 1.5M SCF. RIH, SET CBP @ 5295'**. SISW. SDFN.
- 9/18/2023 MIRU. PJSM. WELL DEAD, NO BD. LAND HANGER W/2-WAY CHK. ND FRAC STACK. NU BOP & PT, GOOD. RU FLOOR. PT BOP, GOOD. BD & PULL HANGER. SISW. SDFN.
- 9/19/2023 SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN WELL, RIH W/BIT & 2-3/8" TBG. UL WELL @ 2,670'. CONT TIH. TAG PLUG #1 @ 5,293'. RU PWR SWVL & AIR/MIST @ 14 BPH. BREAK CIRC, **DO PLUG #1**. CIRC TO CLEAN UP. HANG BACK SWVL. TIH, TAG PLUG #2 @ 5,824'. RU PWR SWVL & AIR/MIST. CIRC WELL, **DO PLUG #2**. CIRC CLEAN. HANG BACK SWVL. TIH, TAG PLUG PARTS & FILL @ 6,208'. CO TO 6,237'. PUMP SWEEP. HANG BACK SWVL. TOO H 20 STDS. SISW. SDFN.
- 9/20/2023 SICP-900 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL. TIH 20 STDS. RU PWR SWVL & AIR/MIST. BREAK CIRC. TIH, CONT CO. TAG PLUG #3 @ 6,319'. START DO PLUG #3. LOST CIRC WHEN TOP PLUG DRILLED. PU OFF PLUG. CIRC PRES WENT TO 1,200 PSI, MAKING WATER & SAND. LET WELL CIRC. CONT **DO PLUG #3**. CIRC & CLEAN UP. HANG BACK SWVL. TIH, TAG PLUG #4 @ 7,345'. PU PWR SWVL & AIR. BREAK CIRC. **DO PLUG #4**. CIRC WELL CLEAN. TIH, TAG PLUG PARTS & 21' FILL. CO TO PLUG #5 @ 7,506'. **DO PLUG #5**. CIRC WELL CLEAN. TIH, TAG PLUG #6 @ 7,932'. PU OFF PLUG, CIRC CLEAN. TOO H 40 STDS. SISW. SDFN.

- 9/21/2023** SICP-1,100 PSI, SITP- 0 PSI (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. PJSM. OPEN WELL. TIH W/40 STDS. PU PWR SWVL & KI AIR. CIRC WHILE WO APPROVAL TO DRILL LAST PLUG. **REC'D DHC VERBAL APPROVAL BY DEAN MCCLURE, NMOCD @ 2:21 PM.** TIH, TAG PLUG #6, **DO PLUG @ 7920'**. CIRC WELL. TIH, CO TO **PBTD @ 8,169'**. CIRC TO CLEAN UP. CUT AIR, PUMP TBG KILL, HANG BACK PWR SWVL. LD 2 JTS. TOO H 50 STDS. SISW. SDFN.
- 9/22/2023** SICP-920 PSI, SITP- 0 PSI (TBG FLOAT), SIICP-0 PSI, SIBHP-0 PSI. PJSM. CONT TOO H W/TBG. TIH W/TBG HANGER, LAND 255 JTS 2-3/8", 4.7#, J-55 **TBG @ 8093'** (SN @ 8091'). RD FLOOR & TOOLS. ND BOP, NU WH. DROP BALL. PT TBG 500 PSI, GOOD. PUMP OFF EXP CHECK, UNLOAD WELL. **RDRR.**

THE WELL IS PRODUCING AS A MESAVERDE/MANCOS/DAKOTA TRIMMINGLE ON TEST ALLOWABLE WAITING FOR RC C-104 APPROVAL.

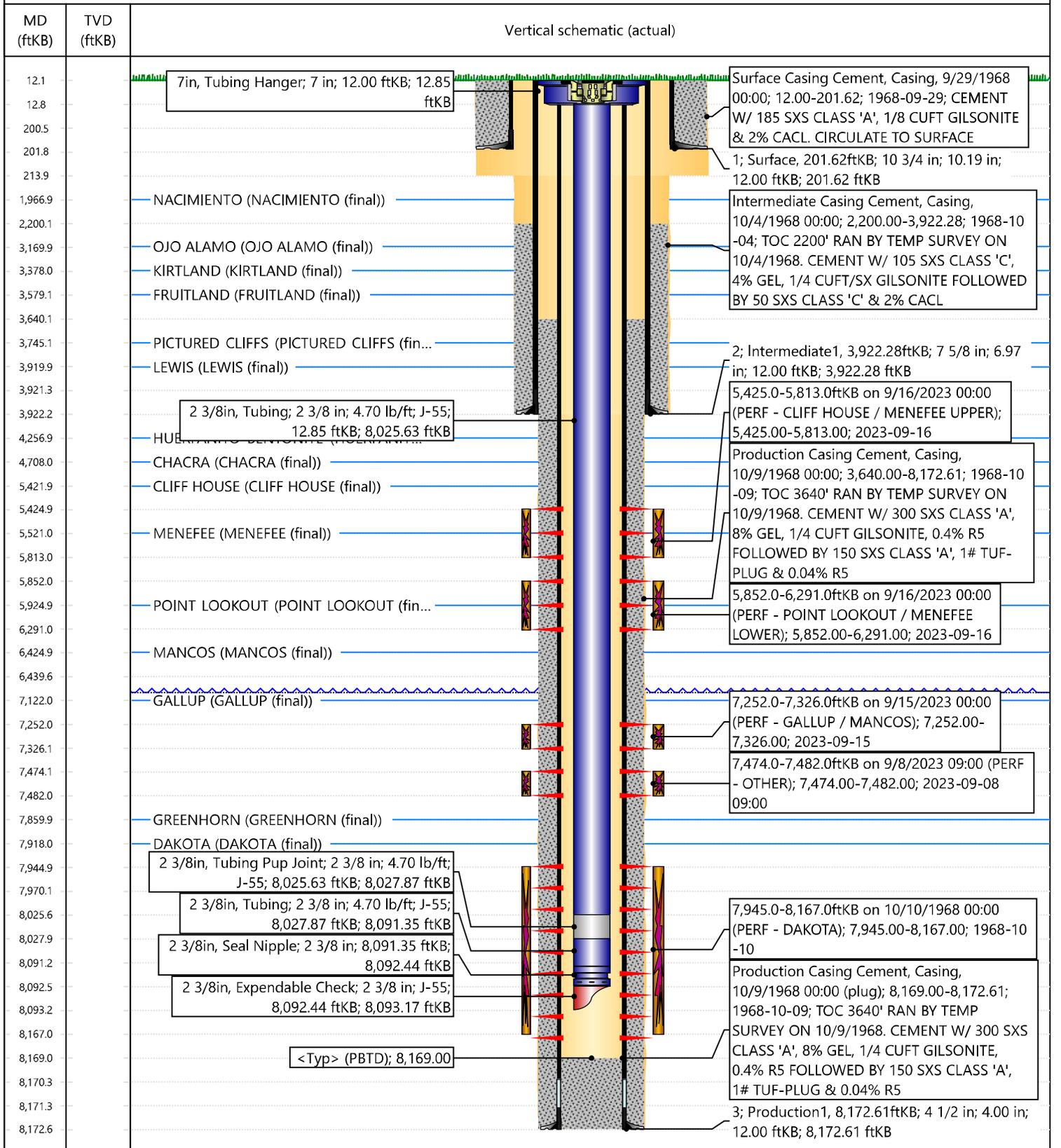


Current Schematic - Version 3

Well Name: SAN JUAN 27-4 UNIT #51

API / UWI 3003920149	Surface Legal Location 029-027N-004W-H	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1401	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,884.00	Original KB/RT Elevation (ft) 6,896.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Original Hole



Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, September 27, 2023 9:47 AM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 27-4 UNIT, Well Number: 51, 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 27-4 UNIT**
- Well Number: **51**
- US Well Number: **3003920149**
- Well Completion Report Id: **WCR2023092789529**

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 MANAGEMENT

FORM 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

5. Lease Serial No.
NMSF080670

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address **382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code)
(505) 333-1700

7. Unit or CA Agreement Name and No.
San Juan 27-4 Unit

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

At surface Unit H (SENE), 1450' FNL & 800' FEL

At top prod. Interval reported below **Same as above**

At total depth **Same as above**

8. Lease Name and Well No.
San Juan 27-4 Unit 51

9. API Well No.
30-039-20149

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 29, T27N, R4W

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded **9/28/1968** 15. Date T.D. Reached **10/9/1968** 16. Date Completed **9/23/2023**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6884'

18. Total Depth: **8173'** 19. Plug Back T.D.: **8169'**

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
15"	10 3/4" J-55	32.75#	0	202'	n/a	185 sx			
9 7/8"	7 5/8" J-55	26.4#	0	3922'	n/a	155 sx			
6 3/4"	4-1/2" J-55	11.6 & 10.5#	0	8173'	n/a	450 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"	8093'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse /Upper Menefee	5425'	5813'	1 SPF	.33"	20	open
B) Point Lookout/Lower Menefee	5852'	6291'	1 SPF	.33"	22	open
C)						
D)						
TOTAL					42	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cliffhouse /Upper Menefee	5425'	5813'	1 SPF	.33"	20	open
B) Point Lookout/Lower Menefee	5852'	6291'	1 SPF	.33"	22	open
C)						
D)						
TOTAL					42	

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

Depth Interval	Amount and Type of Material
5425-5813	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 45,780 gal 70 Q slickwater, 131,506# 20/40 sand, 1.5M SCF N2
5852-6291	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 47,712 gal 70 Q slick water, 127,291# 20/40 sand, 1.7M 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
9/23/2023	9/23/2023	4	➔	0	34 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	
21/64"	840 psi	840 psi	➔	0	34 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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

*(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
Pictured Cliffs	3745'	5421'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3745'
Mesaverde	5421'	'			5421'
Menefee		5926'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	'
Point Lookout	5926'	7122'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5926'
Gallup	7122'	7860'	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7122'
Greenhorn	7860'	'	Highly calc gry sh w/ thin lmst.	Greenhorn	7860'
Graneros		8072'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	8072'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8072'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5324. MV PA - NMNM078408A

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 9/26/2023

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.

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

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

5. Lease Serial No.
NMSF080670

2. Name of Operator
Hilcorp Energy Company

6. If Indian, Allottee or Tribe Name

3. Address
382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)
(505) 333-1700

7. Unit or CA Agreement Name and No.
San Juan 27-4 Unit

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

At surface Unit H (SENE), 1450' FNL & 800' FEL

At top prod. Interval reported below **Same as above**

At total depth **Same as above**

8. Lease Name and Well No.
San Juan 27-4 Unit 51

9. API Well No.
30-039-20149

10. Field and Pool or Exploratory
Basin Mancos

11. Sec., T., R., M., on Block and Survey or Area
Sec. 29, T27N, R4W

12. County or Parish **Rio Arriba** 13. State **New Mexico**

14. Date Spudded **9/28/1968** 15. Date T.D. Reached **10/9/1968** 16. Date Completed **9/23/2023**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6884'

18. Total Depth: **8173'** 19. Plug Back T.D.: **8169'** 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
15"	10 3/4" J-55	32.75#	0	202'	n/a	185 sx			
9 7/8"	7 5/8" J-55	26.4#	0	3922'	n/a	155 sx			
6 3/4"	4-1/2" J-55	11.6 & 10.5#	0	8173'	n/a	450 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"	8093'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	7252'	7326'	4 SPF	.34"	240	open
B) Mancos	7474'	7482'	4 SPF	.37"	36	open
C)						
D)						
TOTAL					276	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	7252'	7326'	4 SPF	.34"	240	open
B) Mancos	7474'	7482'	4 SPF	.37"	36	open
C)						
D)						
TOTAL					276	

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

Depth Interval	Amount and Type of Material
7252-7326	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 85,260 gal 70 Q slickwater, 203,921# 20/40 sand, 5.1M SCF N2
7474-7482	Broke well w/ H2O & 500 gal 15% HCL. Foam Frac w/ 35,406 gal 70 Q slick water, 50,201# 20/40 sand, 1.6M 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
9/23/2023	9/23/2023	4	➔	0	16 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	
21/64"	840 psi	840 psi	➔	0	16 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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
SI			➔						

*(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
Pictured Cliffs	3745'	5421'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3745'
Mesaverde	5421'	'			5421'
Menefee		5926'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	'
Point Lookout	5926'	7122'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5926'
Gallup	7122'	7860'	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	7122'
Greenhorn	7860'	'	Highly calc gry sh w/ thin Imst.	Greenhorn	7860'
Graneros		8072'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	'
Dakota	8072'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	8072'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/MC/DK trimmingle per DHC-5324.

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 9/26/2023

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 272893

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 272893
	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.

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 272893

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 272893
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	10/5/2023