

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 30-039-20663	⁵ Pool Name Basin Mancos	⁶ Pool Code 97232
⁷ Property Code 318920	⁸ Property Name SAN JUAN 27-5 UNIT	⁹ Well Number 169

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
M	33	027N	005W		900	South	840	West	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 9/16/1973	²² Ready Date 5/20/2024	²³ TD 7,653'	²⁴ PBTD 7,645'	²⁵ Perforations 6,893' – 6,902'	²⁶ DHC, MC DHC-5353
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
13 3/4"	9 5/8" H-40, 32#	234'	215 cf		
8 3/4"	7", J-55, 20#	3,452'	190 cf		
6 1/4"	4 1/2" KS, 11.6#& 10.5#	7,653'	642 cf		
	2 3/8", J-55, 4.7#	7,527'			

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 5/20/2024	³³ Test Date 5/20/2024	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 370 psi	³⁶ Csg. Pressure 240 psi
³⁷ Choke Size 16/64"	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: Cherylene Weston Printed name: Cherylene Weston Title: Operations Regulatory Tech Sr. E-mail Address: cweston@hilcorp.com Date: 6/5/2024	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	
	Phone: 713-289-2615	

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		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-20663	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 318920	⁸ Property Name SAN JUAN 27-5 UNIT	⁹ Well Number 169

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
M	33	027N	005W		900	South	840	West	Rio Arriba

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²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
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³⁷ Choke Size 16/64"	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: Cherylene Weston Printed name: Cherylene Weston Title: Operations Regulatory Tech Sr. E-mail Address: cweston@hilcorp.com Date: 6/5/2024	OIL CONSERVATION DIVISION	
	Approved by:	
	Title:	
	Approval Date:	
	Phone: 713-289-2615	

Well Name: SAN JUAN 27-5 UNIT	Well Location: T27N / R5W / SEC 33 / SWSW / 36.52597 / -107.36937	County or Parish/State: RIO ARRIBA / NM
Well Number: 169	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079394	Unit or CA Name: SAN JUAN 27-5 UNIT--DK	Unit or CA Number: NMNM78409A
US Well Number: 3003920663	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2793130

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/04/2024

Time Sundry Submitted: 01:50

Date Operation Actually Began: 04/15/2024

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

SR Attachments

Actual Procedure

SJ_27_5_UNIT_169_RC_Sundry_Report_20240531113203.pdf

Well Name: SAN JUAN 27-5 UNIT

Well Location: T27N / R5W / SEC 33 /
SWSW / 36.52597 / -107.36937

County or Parish/State: RIO
ARRIBA / NM

Well Number: 169

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF079394

Unit or CA Name: SAN JUAN 27-5
UNIT--DK

Unit or CA Number:
NMNM78409A

US Well Number: 3003920663

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: JUN 04, 2024 01:49 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 06/04/2024

Signature: Kenneth Rennick



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #169

API: 3003920663

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

FRAC STAGE 2: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. **FOAM FRAC'D PT LOOKOUT WITH 100,301 LBS 20/40 ARIZONA AND 37,926 GAL SLICKWATER AND 1.30 MILLION SCF N2, 70 QUALITY.** AVG RATE = 60 BPM, AVG PSI = 2823. ISIP WAS 572 PSI. (274 PSI IN 5 MINUTES). HAD TO SHUT DOWN IN PAD TO REPLACE CHICKSAN ON N2 LINE.

RIG UP WIRELINE. RIH AND SET BRIDGE PLUG AT 5,210' AND **PERFORATE CLIFFHOUSE/MENEFEE 4804' - 5166', 1 SPF, 26 HOLES.** POOH.

FRAC STAGE 3: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. **FOAM FRAC'D CLIFFHOUSE/MENEFEE WITH 100,222 LBS 20/40 ARIZONA AND 37,128 GAL SLICKWATER AND 1.17 MILLION SCF N2, 70 QUALITY.** AVG RATE = 60 BPM, AVG PSI = 2405. ISIP WAS 928 PSI. (432 PSI IN 5 MINUTES).

RIH AND SET BRIDGE PLUG AT 4,720' AND **PERFORATE MESAVERDE 4125' - 4698', 1 SPF, 24 HOLES.** POOH.

FRAC STAGE 4: BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. **FOAM FRAC'D MESAVERDE WITH 100,234 LBS 20/40 ARIZONA AND 35,574 GAL SLICKWATER AND 1.32 MILLION SCF N2, 70 QUALITY.** AVG RATE = 60 BPM, AVG PSI = 2396. ISIP WAS 729 PSI (560 PSI IN 5 MINUTES).

RIH AND SET **CBP AT 3,940'**. BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. **TOTAL FRAC LOAD = 3431 BBLS (INCLUDING 48 BBLS OF ACID), TOTAL SAND = 350,884 LBS, TOTAL N2 = 5.0 MILLION SCF.**

Report Number

7

Report Start Date

5/16/2024

Report End Date

5/16/2024

Operation

TRAVEL TO SAN JUAN 27-5 UNIT #137.

LOAD EQUIP. MOB RIG & EQUIP TO SAN JUAN 27-5 UNIT #169 (10 MILE MOVE ALL ON DIRT ROADS), 5 TRUCKS AND 3 TRAILERS

MIRU RIG & EQUIP.

PJSM. SICP-0 PSI, SITP-N/A, SIICP-0 PSI, SIBHP-0 PSI. NO BDW TIME.

LAND HANGER W/ TWO-WAY CHECK INSTALLED. N/D FRAC STACK. SWAP AND N/U BOP.

PRESSURE TEST BOP. HIGH AND LOW TESTS ON BLINDS AND RAMS. (GOOD TEST)

R/U RIG FLOOR & TBG HANDLING EQUIP. PULL HANGER.

M/U 3-7/8" 3-BLADE JUNK MILL. TALLY AND TIH W/ 2-3/8" TBG AND TAG PLUG #1 @ 3,900'.

R/U PWR SWVL. BRING ON AIR AND UNLOAD WELL. CUT AIR.

SIW, SECURE LOCATION, SDFN.

CREW TRAVEL TO YARD.

Report Number

8

Report Start Date

5/17/2024

Report End Date

5/17/2024

Operation

CREW TRAVEL TO LOCATION.

AOL, WARM UP EQUIPMENT. CHECK WELL PRESSURES. PJSM. SICP-0 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. NO WELL PRESSURE, NO NEED FOR BD.

KO AIR AND BREAK CIRCULATION. PUMPING 10 BBLS/HR. MIST. DRILL PLUG #1 IN 30 MIN. GETTING BACK LIGHT SAND AND PLUG PARTS IN RETURNS. CIRC PRESSURE 1,200 PSI. CIRCULATE WELL CLEAN. CUT AIR AND PUMP TBG KILL. TIH 1 JOINT W/ PWR SWVL TO VERIFY PLUG GONE. HANG BACK PWR SWVL. TIH AND TAG FILL @ 4,584' (143' OF FILL). R/U PWR SWVL, KO AIR, AND CLEANOUT FILL. SOME PLUG PARTS ON TOP OF FILL. TAG PLUG #2 @ 4,720'. DO PLUG IN 20 MIN. CIRCULATE WELL CLEAN. GETTING MEDIUM SAND AND PLUG PARTS IN RETURNS. CUT AIR. TIH W/PWR SWVL AND TAG FILL AND PLUG PARTS @ 5,150' (60' OF FILL). KO AIR AND CLEANOUT FILL. TAG PLUG #3 @ 5,210'. DRILL PLUG IN 30 MIN. CIRCULATE CLEAN. CIRC PRESSURE STEADY AT 600 PSI. CUT AIR. TIH W/PWR SWVL AND TAG FILL @ 5,554' (114' OF FILL). CLEANOUT FILL TO 5,659'. GETTING SLUGS OF SAND IN RETURNS. UP TO HALF BUCKET PER SAMPLE. CIRCULATE WELL CLEAN TO TRACE OF SAND. PUMP AND CIRCULATE SWEEP. CUT AIR AND PUMP TBG KILL. HANG BACK PWR SWVL AND TOOH TO 3,700'.

SIW, SECURE LOCATION, SDFN.

CREW TRAVEL TO LOCATION.

Report Number

9

Report Start Date

5/18/2024

Report End Date

5/18/2024

Operation

CREW TRAVEL TO LOCATION.

AOL, WARM UP EQUIPMENT. CHECK WELL PRESSURES. PJSM. SICP-460 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. BD WELL FOR 20 MIN.

TIH W/60 JOINTS AND TAG FILL @ 5,653' (17' OF FILL). L/D 1 JT. R/U PWR SWVL. KO AIR AND BREAK CIRCULATION. TAG PUG #4 @ 5,673'. DO PLUG IN 35 MIN. CIRC PRESSURE - 550 PSI. LET WELL CIRCULATE AND CLEAN UP. GETTING LIGHT SAND AND PLUG PARTS. CUT AIR AND PUMP TBG KILL. HANG BACK PWR SWVL. TIH AND TAG FILL @ 7,345' (28' OF FILL). R/U PWR SWVL AND KO AIR. BREAK CIRCULATION. TAG PLUG #5 @ 7,373'. DO PLUG IN 90 MIN. CIRCULATE WELL CLEAN. TRACE SAND IN RETURNS. CUT AIR AND TIH W/ PWR SWVL. TAG FILL @ 7,620'. CLEANOUT FILL TO PBTD. MILLING REMAINING PLUG PARTS. PUMP SWEEPS AND CIRCULATE OUT. TRACE SAND IN RETURNS. CUT AIR, PUMP TBG KILL, AND HANG BACK PWR SWVL. TOOH TO 3,900'.

SIW, SECURE LOCATION, SDFN.

CREW TRAVEL TO LOCATION.

Report Number

10

Report Start Date

5/19/2024

Report End Date

5/19/2024

Operation

CREW TRAVEL TO LOCATION.

AOL, WARM UP EQUIPMENT. CHECK WELL PRESSURES. PJSM. SICP-430 PSI, SITP-0 PSI, SIICP-0 PSI, SIBHP-0 PSI. OPEN WELL, BD IN 20 MIN.



Well Operations Summary L48

Well Name: SAN JUAN 27-5 UNIT #169

API: 3003920663

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIGLESS 2

Operation

TOOH W/ REMAINING TBG. M/U PRODUCTION BHA. DRIFT AND TIH W/ PRODUCTION TBG. M/U TBG HANGER AND LAND TBG AS FOLLOWS:

- 237- 2-3/8" 4.7# J-55 YELLOW BAND TUBING (7,477.58')
- 1- 2-3/8" 4.7# J-55 MARKER SUB (2.15')
- 1- 2-3/8" 4.7# J-55 YELLOW BAND TUBING (31.57')
- 1- 2-3/8" X 1.78" ID SEAT NIPPLE
- 1- 2-3/8" MULE SHOE COLLAR (W/ EX CHECK)

KB- 13'
 SN- 7,525'
EOT- 7,527'
 PBTD- 7,645'

RIG DOWN FLOOR AND HANDLING TOOLS. N/D BOP AND N/U TREE. PRESSURE TEST TBG TO 500 PSI - GOOD TEST. PUMP OUT EXPENDABLE CHECK @ 960 PSI. LET WELL UNLOAD.

R/D RIG AND EQUIPMENT. RELEASE RIG TO THE SAN JUAN 27-4 UNIT #30M.

CREW TRAVEL TO YARD.

Report Number 11	Report Start Date 5/19/2024	Report End Date 5/20/2024
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Operation

COMPLETE RIG DOWN

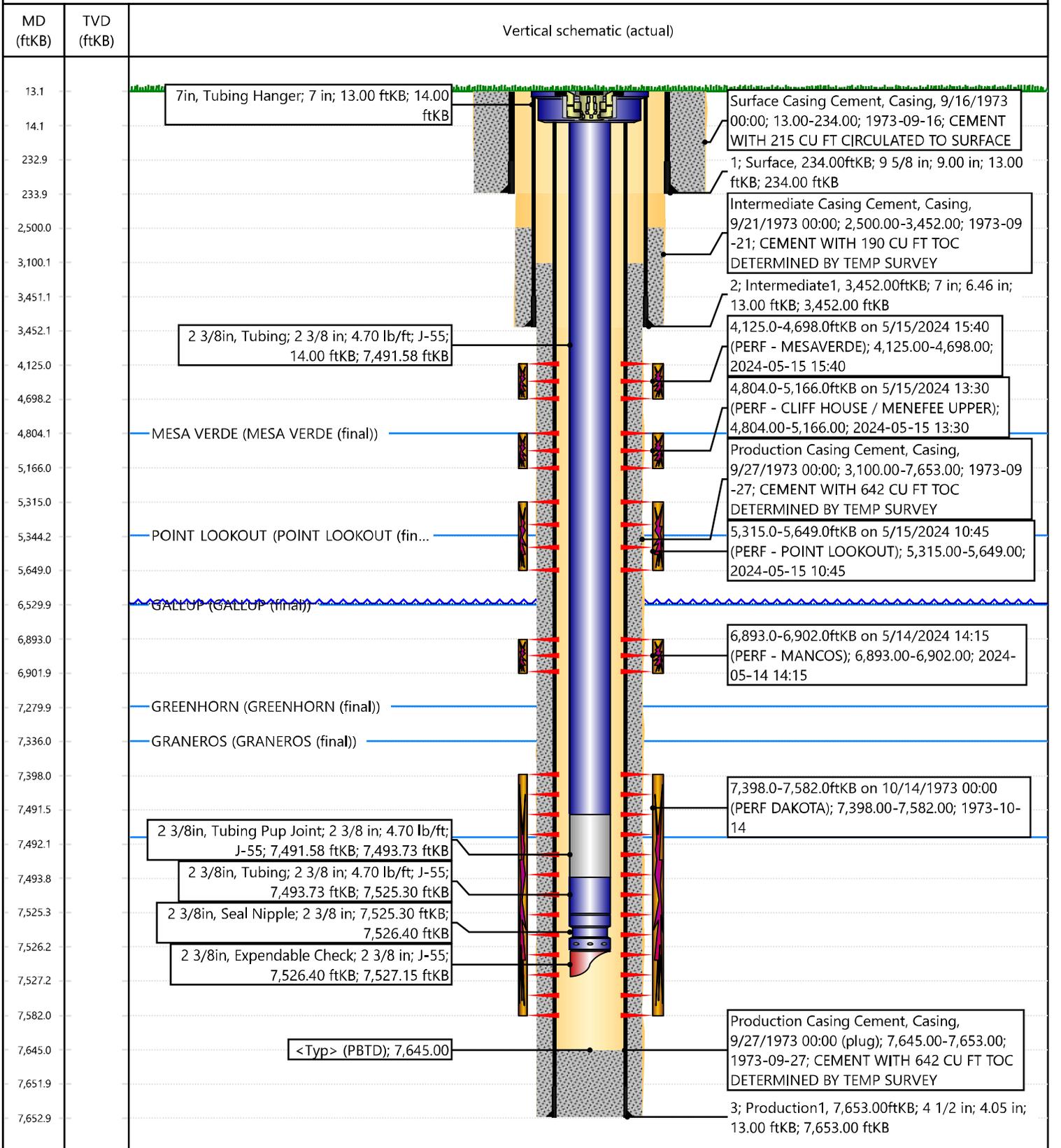


Current Schematic - Version 3

Well Name: **SAN JUAN 27-5 UNIT #169**

API / UWI 3003920663	Surface Legal Location 033-027N-005W-M	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1402	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,486.00	Original KB/RT Elevation (ft) 6,499.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Original Hole



Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Tuesday, June 4, 2024 5:18 PM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: SAN JUAN 27-5 UNIT, Well Number: 169, 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 27-5 UNIT**
- Well Number: **169**
- US Well Number: **3003920663**
- Well Completion Report Id: **WCR2024060491917**

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. **NMSF079394**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. **San Juan 27-5 Unit**

2. Name of Operator **Hilcorp Energy Company**

8. Lease Name and Well No. **San Juan 27-5 Unit 169**

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

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

9. API Well No. **30-039-20663**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit M (SWSW), 900' FSL & 840' FWL**
 At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

10. Field and Pool or Exploratory **Bianco Mesaverde**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 33, T27N, R5W**

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

14. Date Spudded **9/16/1973**

15. Date T.D. Reached **9/26/1973**

16. Date Completed **5/20/2024**
 D & A Ready to Prod.
 17. Elevations (DF, RKB, RT, GL)* **6,486'**

18. Total Depth: **7,653'**

19. Plug Back T.D.: **7,645'**

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
13 3/4"	9 5/8" H-40	32#	0	234'	n/a	215 cf			
8 3/4"	7" J-55	20#	0	3,452'	n/a	190 cf			
6 1/4"	4 1/2" KS	11.6#, 10.5#		7,653'	n/a	642 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"	7,527'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4,125'	5,649'	1 SPF	0.34"	48	open
B)						
C)						
D)						
TOTAL					48	

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	4,125'	5,649'	1 SPF	0.34"	48	open
B)						
C)						
D)						
TOTAL					48	

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

Depth Interval	Amount and Type of Material
4125-5649	BDW w/ water & 1500 gal 15% HCl, Foam frac w/ 300,757# 20/40 sand, 110,628 gal slickwater & 3.79M SCF N2 70Q
-	
-	

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
5/20/2024	5/20/2024	4	➔	0	40 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	
16/64"	370 psi	240 psi	➔	0	40 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
Ojo Alamo			White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland			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	
Lewis			Shale w/ siltstone stringers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4,804'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,804'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,804'
Menefee		5,344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,344'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,344'
Mancos		6,530'	Dark gry carb sh.	Mancos	
Gallup	6,530'	7,280'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,530'
Greenhorn	7,280'	7,398'	Highly calc gry sh w/ thin lmst.	Greenhorn	7,280'
Graneros	7,336'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,336'
Dakota	7,492'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,492'
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/MC/DK trimmingle per DHC-5353. MV PA NMNM078409B.

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-Sr.
 Signature Cherylene Weston Date 5/31/2024

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. **NMSF079394**

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 27-5 Unit**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **Unit M (SWSW), 900' FSL & 840' FWL**
 At top prod. Interval reported below **Same as above**
 At total depth **Same as above**

8. Lease Name and Well No. **San Juan 27-5 Unit 169**

9. API Well No. **30-039-20663**

10. Field and Pool or Exploratory **Basin Mancos**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 33, T27N, R5W**

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

14. Date Spudded **9/16/1973** 15. Date T.D. Reached **9/26/1973** 16. Date Completed **5/20/2024**
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **6,486'**

18. Total Depth: **7,653'** 19. Plug Back T.D. **7,645'** 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
13 3/4"	9 5/8" H-40	32#	0	234'	n/a	215 cf			
8 3/4"	7" J-55	20#	0	3,452'	n/a	190 cf			
6 1/4"	4 1/2" KS	11.6#, 10.5#		7,653'	n/a	642 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"	7,527'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6,893'	6,902'	3 SPF	0.34"	30	open
B)						
C)						
D)						
TOTAL					30	

26. Perforation Record

Depth Interval	Amount and Type of Material
6893-6902	BDW w/ water & 500 gal 15% HCl, Foam frac w/ 50,127# 40/70 sand, 31,458 gal slickwater & 1.21M SCF N2 65 Q
-	
-	

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

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
5/20/2024	5/20/2024	4	➔	0	40 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	
16/64"	370 psi	240 psi	➔	0	40 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	
Ojo Alamo			White, cr-gr ss	Ojo Alamo		
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland		
Fruitland			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		
Lewis			Shale w/ siltstone stingers	Lewis		
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite		
Chacra		4,804'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra		
Cliff House	4,804'		Light gry, med-fine gr ss, carb sh & coal	Cliff House		4,804'
Menefee		5,344'	Med-dark gry, fine gr ss, carb sh & coal	Menefee		
Point Lookout	5,344'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout		5,344'
Mancos		6,530'	Dark gry carb sh.	Mancos		
Gallup	6,530'	7,280'	Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup		6,530'
Greenhorn	7,280'	7,398'	Highly calc gry sh w/ thin lmst.	Greenhorn		7,280'
Graneros	7,336'		Dk gry shale, fossil & carb w/ pyrite incl.	Graneros		7,336'
Dakota	7,492'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota		7,492'
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/MC/DK trimmingle per DHC-5353.

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-Sr.
 Signature Cherylene Weston Date 5/31/2024

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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 350911

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 350911
	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
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CONDITIONS
 Action 350911

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 350911
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	6/8/2024