

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting </div>
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 28-7 UNIT 164F	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-27031
Pool Name: BASIN FRUITLAND COAL (GAS POOL)	Pool Code: 71629

Section 2 – Surface Location

UL P	Section 13	Township 28N	Range 07W	Lot	Ft. from N/S 475' FSL	Ft. from E/W 850' FEL	Latitude 36.6552849	Longitude -107.5187454	County RIO ARRIBA
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Section 3 – Completion Information

Producing Method FLOWING	Ready Date 4/9/2025	Perforations MD 3249'-3396'	Perforations TVD 3249'-3396'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 446440	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC 5479
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID:	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Yes	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name: DAWN NASH-DEAL 	
Title: Operations Regulatory Tech *Extension granted by P. Martinez at OCD that will expire on 6/9/25.	Date: 05/05/2025

Subject: [EXTERNAL] WCR95402 - San Juan 28-7 Unit 164F_Accepted_FFO
Sent: 5/6/2025, 8:04:47 AM
From: Rennick, Kenneth G<krennick@blm.gov>
To: Dawn Nash-Deal

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

To confirm, the reference completion report has been accepted for the record. See below.

WCR ID	Operator	Well Name	Well Number	US Well Number	Status	Created Date	Date Accepted
95402						From: mm/dd/yyyy To: mm/dd/yyyy	From: mm/dd/yyyy To: mm/dd/yyyy
95402	HILCORP ENERGY COMPANY	SAN JUAN 28-7 UNIT	164F	3003927031	ACCEPTED	2025-05-05 18:42	2025-05-05 19:23

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

My Monitor for WCRID: 95402

Operator Name HILCORP ENERGY COMPANY SHL ALIQUOT: SESE SEC: 13 TWN: 28N RING: 7W	Well Name SAN JUAN 28-7 UNIT County RIO ARRIBA	Well Number 164F State NM	US Well Number 3003927031 Lease Number(s) NMSF079290
Well Type CONVENTIONAL GAS WELL	Well Status PGW	Agreement Name SAN JUAN 28-7 UNIT--DK, SAN JUAN 28-7 UNIT--MV, SAN JUAN 28-7 UNIT--STATE	Agreement Number(s) NMNM78413A, NMNM78413C, NMNM78413X
Allottee/Tribe	Well Pad Name	Well Pad Number	APD ID 02LXB0945AEFF

[Well Completion Print Report](#)
[3160-4 Report](#)

WCRs Worklist		Process Model		View all process activities in chronological order.				
ID	Status	Activity	Completed By	Participant	Created Date	Deadline	Completed Date	
101	Completed	Submit Well Completion Report	DAWN NASH-DEAL	DAWN NASH-DEAL	2025/5/5 4:20 AM		2025/5/5 5:57:00 AM	
103	Completed	Initial Review	KENNETH G RENNICK	Adjudicator	2025/5/5 5:57:00 AM		2025/5/5 6:22:00 AM	
105	Completed	Engineer Review	KENNETH G RENNICK	Engineer	2025/5/5 6:22:00 AM		2025/5/5 6:23:00 AM	

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. Resrv.,
 Other: _____

5. Lease Serial No.
NMSF079290

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
SAN JUAN 28-7 UNIT 164F

3. Address
382 Road 3100, Aztec, NM 87410

3a. Phone No. (include area code)
(505) 599-3400

9. API Well No.
30-039-27031

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

10. Field and Pool or Exploratory
BASIN FRUITLAND COAL (GAS)

At surface
P(SE/SE) 475' FSL & 850' FEL

11. Sec., T., R., M., on Block and Survey or Area
SEC.13, 28N,07W

At top prod. Interval reported below

12. County or Parish
Rio Arriba

13. State
New Mexico

At total depth

14. Date Spudded
12/3/2002

15. Date T.D. Reached
12/10/2002

16. Date Completed 4/9/2025
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6635'

18. Total Depth:
7883'

19. Plug Back T.D.:
7879'

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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13.5"	9.625", J-55	36		234'		185 SKS			
8.75"	7", J-55	20		3794'		555 SKS			
6.25"	4.5", J-55	11		7882'		455 SKS			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375"	7658'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN FRUITLAND COAL	3249'	3290'	1 SPF	0.39"	35	OPEN
B) BASIN FRUITLAND COAL	3295'	3318'	1 SPF	0.39"	46	OPEN
C) BASIN FRUITLAND COAL	3368'	3396'	1 SPF	0.35"	52	OPEN
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
3249'-3290'	FOAM FRAC'D WITH 3,332 LBS OF 100 MESH AND 33,133 LBS 20/40 ARIZONA AND 15,624 GAL SLICKWATER AND 0.58 MILLION SCF N2. 70 QUALITY.
3295'-3318'	MILLION SCF N2. 70 QUALITY.FOAM FRAC'D WITH 3,328 LBS OF 100 MESH AND 33,146 LBS 20/40 ARIZONA AND 14,868 GAL SLICKWATER AND 0.58 MILLION SCF N2. 70 QUALITY.
3368'-3396'	FOAM FRAC'D WITH 3,332 LBS OF 100 MESH AND 33,133 LBS 20/40 ARIZONA AND 15,624 GAL SLICKWATER AND 0.58 MILLION SCF N2. 70 QUALITY.

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/9/2025	4/9/2025	4	→	0	288	0			Flowing

Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
26/64"	SI 0	SI 110	→	0	1728	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
4/9/2025	4/9/2025	4	→	0	288	0			

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 (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	2408'	2509'	White, cr-gr ss	Ojo Alamo	2408'
Kirtland	2509'	3123'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2509'
Fruitland	3123'	3397'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3123'
Pictured Cliffs	3397'	3456'	Bn-Gry, fine gm, tight ss.	Pictured Cliffs	3397'
Lewis	3456'	4349'	Shale w/ siltstone stingers	Lewis	3456'
Chacra	4349'	5052'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4349'
Cliffhouse	5052'	5235'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	5052'
Menefee	5235'	5578'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5235'
Point Lookout	5578'	6240'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5578'
Mancos	6240'	6854'	Dark gry carb sh.	Mancos	6240'
Gallup	6854'	7547'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6854'
Greenhorn	7547'	7618'	Highly calc gry sh w/ thin lmst.	Greenhorn	7547'
Graneros	7618'	7612'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7618'
Dakota	7612'		Lt to dark gry foss carb sl calc sl silty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7612'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well was recompleted into the Fruitland Coal and is now producing as a FRC/MV/DK trimmingle under DHC 5479 NNMNM78413X

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) DAWN NASH-DEAL Title Operations/Regulatory Technician
 Signature *Dawnnash Deal* Date 5/1/2025

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.

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Name: SAN JUAN 28-7 UNIT

Well Location: T28N / R7W / SEC 13 / SESE / 36.655291 / -107.518761

County or Parish/State: RIO ARRIBA / NM

Well Number: 164F

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079290

Unit or CA Name: SAN JUAN 28-7 UNIT--DK, SAN JUAN 28-7 UNIT--MV

Unit or CA Number: NMNM78413A, NMNM78413C

US Well Number: 3003927031

Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2850525

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 05/01/2025

Time Sundry Submitted: 12:52

Date Operation Actually Began: 04/09/2025

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a FRC/MV/DK commingle under DHC 5479. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

SAN_JUAN_28_7_UNIT_164F_SR_WRITE_UP_20250501125111.pdf

Well Name: SAN JUAN 28-7 UNIT

Well Location: T28N / R7W / SEC 13 / SESE / 36.655291 / -107.518761

County or Parish/State: RIO ARRIBA / NM

Well Number: 164F

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF079290

Unit or CA Name: SAN JUAN 28-7 UNIT--DK, SAN JUAN 28-7 UNIT--MV

Unit or CA Number: NMNM78413A, NMNM78413C

US Well Number: 3003927031

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: DAWN NASH-DEAL

Signed on: MAY 01, 2025 12:52 PM

Name: HILCORP ENERGY COMPANY

Title: Operations Regulatory Tech

Street Address: 1111 TRAVIS ST

City: HOUSTON

State: TX

Phone: (505) 324-5132

Email address: DNASH@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: 05/05/2025

Signature: Kenneth Rennick

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by		
	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESE / 475 FSL / 850 FEL / TWSP: 28N / RANGE: 7W / SECTION: 13 / LAT: 36.655291 / LONG: -107.518761 (TVD: 0 feet, MD: 7883 feet)

BHL: SESE / 475 FSL / 850 FEL / TWSP: 28N / SECTION: / LAT: 36.655291 / LONG: 107.518761 (TVD: 0 feet, MD: 7883 feet)



Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #164F

API: 3003927031

Field: MV/DK COM

State: NEW MEXICO

Sundry #:

Rig/Service: IDEAL COMPLETIONS

Report Number 5	Report Start Date 3/27/2025	Report End Date 3/27/2025
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Operation

TRAVEL TO WELLSITE.

PJSA.

CHECK WELL PRESSURES. SICP-0 PSI. SIICP-0 PSI. SIBHP-0 PSI. OPEN WELL. NO PRESSURE. SERVICE, START & WARM UP EQUIPMENT.

TRIP IN WITH 2 3/8" WELL TUBING FROM THE DERRICK. TRIP OUT LAYING DOWN ONTO TUBING FLOAT.

RIG DOWN FLOOR AND TUBING TOOLS. NIPPLE DOWN BOP ASSEMBLY.

MOVE IN, RIG UP BIG RED & WELLCHECK SERVICES. NIPPLE UP 10K FRAC VALVE/STACK ASSEMBLY. INSTALL FALSE BOTTOM TUBING HANGER. TEST VOID SEALS ON WELLHEAD. TESTED GOOD.

TEST 10K FRAC STACK TO 5,000 PSI FOR 30 MINUTES. TEST WAS GOOD & CHARTED BY WELLCHECK. PULL 2-WAY CHECK FROM FRAC HANGER.

RIG DOWN BIG RED & WELLCHECK SERVICES.

HEC PUSHER & CREW REINSTALLED REPAIRED HYDRAULIC SYSTEM CLUTCH.

RIG DOWN SERVICE UNIT & RIG EQUIPMENT. PREPARE FOR RIG MOVE OPERATION.

WILL MOVE TO THE JICARILLA APACHE #12E ON 3-28-25.

FRAC PREP OPERATIONS COMPLETE.

CREW TRAVEL TO YARD.

Report Number 6	Report Start Date 4/4/2025	Report End Date 4/4/2025
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Operation

RIG UP BASIN WIRELINE. RIH AND PERFORATE STAGE #1 FRUITLAND COAL (3,368'-3,396') W/52 SHOTS, 0.35" DIA, 3-1/8" HSC GUN, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 3368' - 3374', 3376' - 3396'. ALL SHOTS FIRED. POOH.

RIG UP FRAC AND WIRELINE CREWS. PRIME, COOL DOWN, TEST, SAFETY MEETING.

FRAC STAGE 1 FRUITLAND COAL (3,368'-3,396'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,332 LBS OF 100 MESH AND 33,133 LBS 20/40 ARIZONA AND 15,624 GAL SLICKWATER AND 0.58 MILLION SCF N2. 70 QUALITY.** AVG RATE = 47.2 BPM, AVG PSI = 2,439. ISIP WAS 140 PSI (5 MIN WAS 88 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED. PRESSURE STARTED TO INCREASE RAPIDLY. DROPPED RATE AND INCREASED FR.

RIG UP WIRELINE. RIH AND SET BRIDGE PLUG AT 3,329' AND PERFORATE STAGE #2 FRUITLAND COAL (3,295'-3,318') W/46 SHOTS, 0.39" DIA, 3-1/8" HSC GUN, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 3,295' - 3,318'. ALL SHOTS FIRED. POOH.

FRAC STAGE 2 FRUITLAND COAL (3,295'-3,318'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,328 LBS OF 100 MESH AND 33,146 LBS 20/40 ARIZONA AND 14,868 GAL SLICKWATER AND 0.58 MILLION SCF N2. 70 QUALITY.** AVG RATE = 49.9 BPM, AVG PSI = 2,072. ISIP WAS 1,050 PSI (5 MIN WAS 589 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED.

RIG UP WIRELINE. RIH AND SET BRIDGE PLUG AT 3,300' AND PERFORATE STAGE #3 FRUITLAND COAL IN 2 RUNS (2,830'-2,921') W/35 SHOTS, 0.39" DIA, 3-1/8" HSC GUN, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 3,249'-3,265', 3,270'-3,279', 3280'-3290'. ALL SHOTS FIRED. POOH.

FRAC STAGE 3 FRUITLAND COAL (3,249'-3,290'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCl. **FOAM FRAC'D WITH 3,314 LBS OF 100 MESH AND 34,103 LBS 20/40 ARIZONA AND 14,994 GAL SLICKWATER AND 0.59 MILLION SCF N2. 70 QUALITY.** AVG RATE = 50 BPM, AVG PSI = 2,245. ISIP WAS 1,556 PSI (5 MIN WAS 833 PSI, 10 MIN WAS 705 PSI, 15 MIN WAS 647 PSI). 100% OF DESIGNED SAND AMOUNT PUMPED.

RIH AND SET CBP AT 3,077'. BLEED OFF, PLUG HOLDING.

SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 1,119 BBLS (INCLUDING 36 BBLS OF ACID). TOTAL SAND = 110,356 LBS. TOTAL N2 = 1.74 MILLION SCF.

Report Number 7	Report Start Date 4/5/2025	Report End Date 4/5/2025
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Operation

CREW TRAVEL TO LOCATION SAN JUAN 29-6 #95.

HOLD PJSM.

LOAD & MOB TO THE SAN JUAN 28-7 #164F (10 MILE MOVE).

SPOT RIG AND EQUIPMENT. RIG UP RIG EQUIPMENT. BLEED DOWN WELL. SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI BDW: 0 MIN

BIGRED TOOLS N/D FRAC STACK. N/U BOP. R/U RIG FLOOR.

R/U WELLCHECK. PRESSURE TEST PIPE RAMS AND BLIND RAMS. 250 PSI LOW FOR 5 MINUTES AND 2500 PSI HIGH FOR 10 MINUTES. TEST CHARTED. R/D WELLCHECK.

MAKE UP CLEAN OUT ASSEMBLY/ 3 7/8" JUNK MILL. PICK UP 98 JOINTS 2 3/8- 4.7# J55 EUE TUBING, UNLOADED WELL @ 3077' (1250PSI), TAG PLUG #1, RIG UP POWER SWIVEL. BRING ON AIR PACKAGE AT 1350 CFM. ESTABLISH AIR FOAM MIST WITH 2 GALLONS FOAMER AND 2 GALLONS CORROSION INHIBITOR PER 10 BBLS OF WATER. UNLOAD HOLE IN 90 MINUTES WITH A CIRCULATING PRESSURE OF @500 PSI. **MILL UP CBP AT 3077'**. CIRCULATE HOLE CLEAN AT 3108'. BYPASS AIR UNIT. TALLY. PICK UP TBG FROM FLOAT AND TRIP IN HOLE FROM 3108' TO ' 3290' 10' OF FILL, BRING ON AIR PACKAGE AT 1350 CFM. ESTABLISH AIR FOAM MIST WITH 2 GALLONS FOAMER AND 2 GALLONS CORROSION INHIBITOR PER 14 BBLS OF WATER. CLEAN OUT FILL FROM 3290' TO 3300', **MILL UP CBP AT 3300'**. CIRCULATE HOLE CLEAN AT 3329'. **MILL UP CBP AT 3329'**. CIRCULATE HOLE CLEAN AT 3358'. BYPASS AIR UNIT.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD.

Report Number 8	Report Start Date 4/6/2025	Report End Date 4/6/2025
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WellViewAdmin@hilcorp.com



Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #164F

API: 3003927031

Field: MV/DK COM

State: NEW MEXICO

Sundry #:

Rig/Service: IDEAL COMPLETIONS

Operation

RIG CREW TRAVEL TO LOCATION.

START RIG AND EQUIPMENT. PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. BLOW DOWN WELL. SITP: 0 PSI SICP: 580 PSI SIBHP: 0 PSI SIICP: 0 PSI, BDW: 15 MIN

BRING ON AIR PACKAGE AT 1350 CFM. ESTABLISH AIR FOAM MIST WITH 2 GALLONS FOAMER AND 2 GALLONS CORROSION INHIBITOR PER 10 BBLS OF WATER. UNLOAD HOLE IN 60 MINUTES WITH A CIRCULATING PRESSURE OF @600 PSI. CLEAN OUT FILL FROM 3440' TO **DRL CBP AT 3472'**. FRAC SAND RETURNS DOWN TO 1/4 CUP OF SAND PER 5 GALLON BUCKET TEST.

MILL UP CBP AT A DEPTH OF 3472' WITH 14 BBL PER HOUR AIR FOAM MIST. CIRCULATE HOLE CLEAN. SHUT AIR UNIT DOWN. HANG BACK SWIVEL. TALLY, PICK UP TBG FROM FLOAT AND TRIP IN HOLE TO CIBP AT A DEPTH OF 5029'. RIG UP POWER SWIVEL.

BRING ON AIR UNIT AT 1350 CFM WITH 14 BBL PER HOUR AIR FOAM MIST WITH 2 GALLON FOAMER AND 2 GALLON OF CORROSION INHIBITOR PER 10 BBLS PUMPED. ESTABLISH GOOD CIRCULATION. SAND RETURNS DOWN TO A 1/4 CUP PER 5 GALLON BUCKET TEST. MILL UP CIBP AT 5029'. CIRCULATE HOLE CLEAN AT 5045'. BYPASS AIR UNIT .

TALLY. PICK UP TBG FROM FLOAT AND TRIP IN HOLE FROM 5045' TO 7670'. TAGGED 209' FILL, PBTD AT 7879'. RACK BACK SWVL, TRIP OUT OF THE HOLE TO 7198'

SHUT WELL IN .SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD.

Report Number 9	Report Start Date 4/7/2025	Report End Date 4/7/2025
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Operation

RIG CREW TRAVEL TO LOCATION.

START RIG AND EQUIPMENT. PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. BLOW DOWN WELL. SITP: 0 PSI SICP: 200 PSI SIBHP: 0 PSI BDW: 15 MIN

TRIP IN HOLE FROM 7198' TO FILL AT 7670'. RIG UP POWER SWIVEL.

BRING ON AIR PACKAGE AT 1350 CFM. ESTABLISH AIR FOAM MIST WITH 2 GALLONS FOAMER AND 2 GALLONS CORROSION INHIBITOR PER 10 BBLS OF WATER. UNLOAD HOLE IN 60 MINUTES WITH A CIRCULATING PRESSURE OF @600 PSI. CLEAN OUT FILL FROM 7670' TO PBTD AT 7879'. FRAC SAND RETURNS DOWN TO 1/4 CUP OF SAND PER 5 GALLON BUCKET TEST.

TRIP OUT OF THE HOLE LD JUNK MILL,

SHUT WELL IN .SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL BACK TO YARD.

Report Number 10	Report Start Date 4/8/2025	Report End Date 4/8/2025
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Operation

HELD PJSM, CHECK START EQUIPMENT, CHECK PRESSURES, TUBING (0 PSI), CASING (150 PSI)

PUMU BHA, TIH, LAND TBG @ 7800.52', ND BOPE, NU WH,

CHANGE HANDLING TOOLS, RUN RODS

DOWN HOLE PUMP ASSEMBLY & ROD STRING.

- (1)- 1.315" X 8' DIP TUBE.
- (1) - 2" X 1 1/4" X 12' X 16' RHAC-Z HVR (HIL 1153)
- (1)- 8' X 3/4" GUIDED ROD
- (1) - 21K SHEAR TOOL.
- (8)- 1 1/4" SINKER BARS, (200')
- (203)- 3/4" SUCKER RODS (5,075')
- (98)- 7/8" SUCKER RODS (2,450')
- (1)- 1 1/4" X 22' POLISHED ROD W/ LINER.

PUMP SEATED @ 7,755.90' EOT @ 7800.52' PBTD @ 7879' TRIP IN HOLE WITH RODS, SPACE OUT AND LAND PUMP LOAD TUBING WITH 19 BBLS OF WATER, PRESSURE TEST TO 600 PSI. GOOD TEST. BLEED DOWN PRESSURE TO 200 PSI, LONG STROKE PUMP TO 600 PSI, GOOD TEST. LEAVE READY TO INSTALL PUMPING UNIT, GOOD PUMP ACTION.

RIG DOWN, RIG RELEASED AT 20:00 HOURS TO SAN JUAN 28-7 #187E

Report Number 11	Report Start Date 4/9/2025	Report End Date 4/9/2025
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Operation

MOVE IN AND SPOT IDEAL COMPLETIONS EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOW BACK WELL TO FLARE AND SALES. RIG DOWN IDEAL COMPLETIONS EQUIPMENT. (OPENED WELL 4/9 @ 9:00, SHUT IN ON 4/9 @ 15:00).



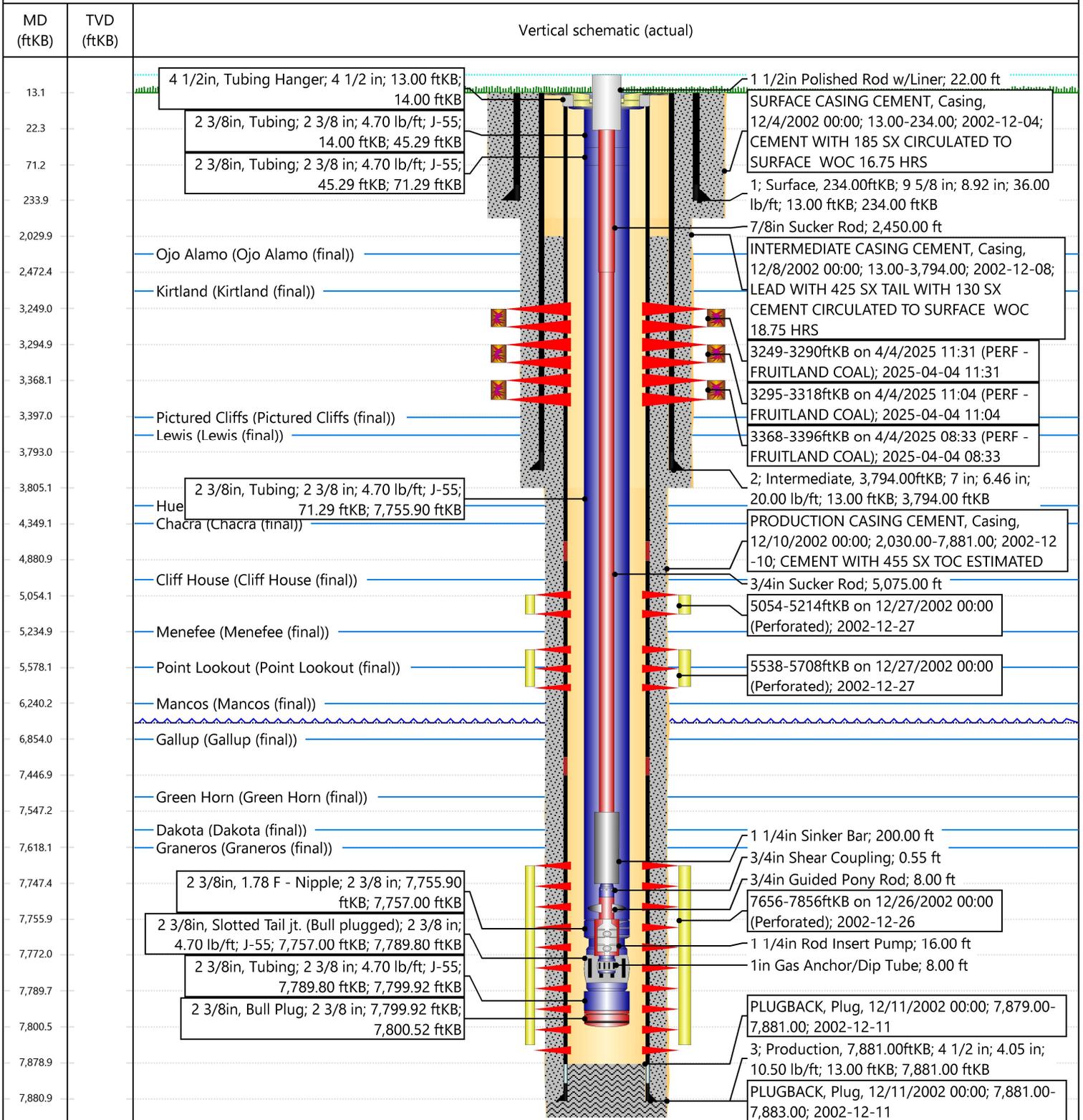
Current Schematic - Version 3

Well Name: SAN JUAN 28-7 UNIT #164F

API / UWI 3003927031	Surface Legal Location 013-028N-007W-P	Field Name MV/DK COM	Route 1008	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,635.00	Original KB/RT Elevation (ft) 6,648.00	Tubing Hanger Elevation (ft) 6,635.00	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft) 13.00	KB-Tubing Hanger Distance (ft) 13.00

Tubing Strings					
Run Date 4/8/2025 07:00	Set Depth (ftKB) 7,800.52	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 12/3/2002 00:00

Original Hole [Vertical]



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 471295

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 471295
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
<input checked="" type="checkbox"/>	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.

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Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 471295

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 471295
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/6/2025