

Well Name: JICARILLA A	Well Location: T26N / R4W / SEC 14 / NENW / 36.491554 / -107.224371	County or Parish/State: RIO ARRIBA / NM
Well Number: 9	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC105	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003920095	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2766771

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 12/19/2023	Time Sundry Submitted: 01:21
Date Operation Actually Began: 11/28/2023	

Actual Procedure: Hilcorp Energy completed packer repair operations on the subject well per the attached summary and wellbore diagram.

SR Attachments

Actual Procedure

JICARILLA_A_9_PKR_Repair_Subsequent_filed_20231219131959.pdf

Well Name: JICARILLA A	Well Location: T26N / R4W / SEC 14 / NENW / 36.491554 / -107.224371	County or Parish/State: RIO ARRIBA / NM
Well Number: 9	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: JICARILLA APACHE
Lease Number: JIC105	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003920095	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: TAMMY JONES	Signed on: DEC 19, 2023 01:20 PM
Name: HILCORP ENERGY COMPANY	
Title: Regulatory Compliance Specialist	
Street Address: 382 ROAD 3100	
City: AZTEC	State: NM
Phone: (505) 324-5185	
Email address: TAJONES@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: 12/20/2023
Signature: Matthew Kade	

JICARILLA A 9

30.039.20095

PACKER REPAIR

11/28/2023 – MIRU. CK PRESSURES. SITP = 180 PSI, SICP = 540 PSI, SIBHP = 0 PSI. B/D WELL. ND WH. NU BOP, TEST & FUNCTION - GOOD. PULL HANGER AND ATTEMPT TO PULL STRING. PUMP 20 BBLS WATER DOWN TBG & WORK FREE. WORK PIPE UP HOLE, LAY DOWN 87 JTS 1.9" TBG. SIW. SDFN.

11/29/2023 – CK PRESSURES. SITP = 400 PSI, SICP = 400 PSI, SIBHP = 0 PSI. B/D WELL. LD 1.9" TBG, LD OVERSHOT, CHANGE OUT FOR 2-3/8", SWAP OUT TBG TRAILERS, PICK UP 2-3/8" YB L-80 TBG, TALLY, RABBIT & TIH TO 5261', STOP ABOVE TOP SET OF PERFS TO UNLOAD HOLE. SIW. SDFN.

11/30/2023 – CK PRESSURES. SITP = 300 PSI, SICP = 300 PSI, SIBHP = 0 PSI. B/D WELL. UNLOAD WELL. TIH TO 6400'. UNLOAD WELL. DRY OUT. TIH, TAG TOP OF FILL @ 7630'. RU SWIVEL. CLEAN OUT TO TOP OF PACKER. PUH TO ABOVE PERFS @ 5261'. SIW. SDFN.

12/01/2023 – CK PRESSURES. SITP = 260 PSI, SICP = 260 PSI, SIBHP = 0 PSI. B/D WELL. TIH, TAG 12' FILL TOP OF PACKER. PU SWIVEL, CLEAN OUT FILL. UNLOAD WELL. DRY OUT. TOOHD WASH PIPE. PU OVERSHOT & TIH, WORK OVERSHOT ONTO FISH. PUH TO ABOVE PERFS. SIW. SDFWD.

12/04/2023 – CK PRESSURES. SITP = 0 PSI, SICP = 450 PSI, SIBHP = 0 PSI. B/D WELL. TOOHD, NO FISH IN OVERSHOT. CLEAN OVERSHOT & TIH TO 5621'. UNLOAD HOLE. BLOW DRY. TIH TAG FILL @ 7640'. CO TO TOF @ 7650'. LATCH OVERSHOT ON FISH, JAR & FISH MOVED UPHOLE. TOOHD OVERSHOT & FISH - (SEAL SUB & 8 JTS 1.9" TBG W/NOTCHED COLLAR). SIW. SDFN.

12/05/2023 – CK PRESSURES. SITP = 0 PSI, SICP = 350 PSI, SIBHP = 0 PSI. B/D WELL. PU PRT, TIH, UNLOAD WELL @ 7644'. MILLING ON PACKER W/MIST, FOAMER & WATER. TOOHD WITH PACKER ABOVE LINER TOP. SIW. SDFN.

12/06/2023 – CK PRESSURES. SITP = 0 PSI, SICP = 250 PSI, SIBHP = 0 PSI. B/D WELL. TOOHD LD PACKER. TIH WITH PROD STRING & PACKER, LAND 240 JTS 2-3/8" 4.7# L-80 TBG SET @ 7914', SN @ 7912', PKR @ 7615'. ND BOP. NU WH. PUMP 5 BBLS PAD, DROP BALL, PT TO 500 PSI, GOOD TEST. PUMP 25 BBLS WTR WITH RIG PUMP POP OFF @ 400 PSI. RD. RIG RELEASED.

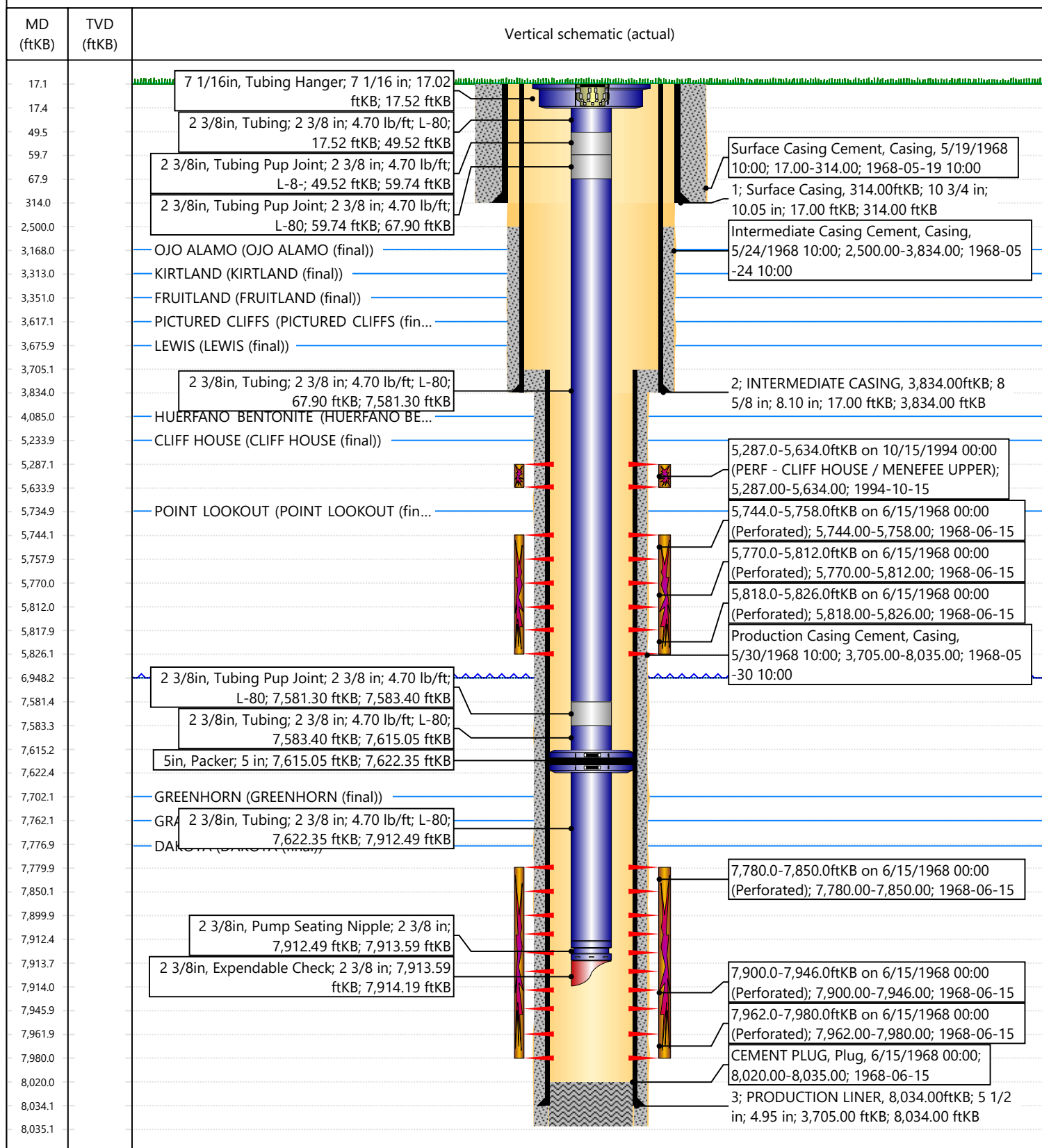


Current Schematic - Version 3

Well Name: JICARILLA A #9

API / UWI 3003920095	Surface Legal Location 014-026N-004W-C	Field Name MV/DK DUAL	Route 1414	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,916.00	Original KB/RT Elevation (ft) 6,933.00	RKB to GL (ft) 17.00	KB-Casing Flange Distance (ft) 17.00	KB-Tubing Hanger Distance (ft) 17.00	

Original Hole [Vertical]



Tammy Jones

From: Tammy Jones
Sent: Friday, December 15, 2023 2:01 PM
To: 'Rennick, Kenneth G'; Kade, Matthew H; Sandoval, Kurt; Jason Sandoval; Kuehling, Monica, EMNRD; 'orlandomuniz@jicarillaoga.com'
Cc: James Osborn; Ben Hampton; Bennett Vaughn; Matthew Esz; Farmington Regulatory Techs; Terry Nelson; Roman Valdez - (C); Danny Roberts
Subject: [Returned to Production] JICARILLA A 9 (30.039.20095) - Packer Report
Attachments: Jicarilla A 9_Packer Test 2023_OCD Submitted 2.pdf

All ~

Attached is the JOGA witnessed/approved packer test completed today. JICARILLA A 9 (30.039.20095) is back online producing.

All subsequent reports & packer test will be submitted to BLM & NMOCD for record.

Thanks,

Tammy Jones | **HILCORP ENERGY COMPANY** | San Juan Regulatory | 505.324.5185 | tajones@hilcorp.com

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, September 6, 2023 8:21 AM
To: Tammy Jones <tajones@hilcorp.com>; Kade, Matthew H <mkade@blm.gov>; Sandoval, Kurt <Kurt.Sandoval@bia.gov>; Jason Sandoval <jasonsandoval@jicarillaoga.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Matthew Esz <Matthew.Esz@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>
Subject: Re: [EXTERNAL] JICARILLA A 9 (30.039.20095) - Packer Report

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

Thank you for the information, Tammy. Please keep the BLM informed.

Kenny Rennick

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

From: Tammy Jones <tajones@hilcorp.com>

Sent: Wednesday, September 6, 2023 7:59 AM

To: Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Sandoval, Kurt <Kurt.Sandoval@bia.gov>; Jason Sandoval <jasonsandoval@jicarillaoga.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Cc: James Osborn <josborn@hilcorp.com>; Ben Hampton <bhampton@hilcorp.com>; Brett Houston <Brett.Houston@hilcorp.com>; Bennett Vaughn <Bennett.Vaughn@hilcorp.com>; Matthew Esz <Matthew.Esz@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>

Subject: [EXTERNAL] JICARILLA A 9 (30.039.20095) - Packer Report

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BLM, BIA, JOGA, & NMOCD ~

Hilcorp Energy Regulatory was notified by Operations that the JICARILLA A 9 (30.039.20095) well failed the packer test. The test was conducted on 8/17/2023 and the HEC Engineer has reviewed the test and verifies that the test is a failure. Production was shut-in on 8/17/2023 at the conclusion of the test. We plan to identify the root cause of the packer test failure and reschedule a witnessed packer test. The well is currently shut-in and will be until a passing packer test. Workover subsequent report has been submitted in OCD Permitting, Action ID 262234, also the 8/17/2023 packer test has been submitted in OCD Permitting, Action ID 262239.

If you have any questions about this well, please let us know.

Thanks,

Tammy Jones | **HILCORP ENERGY COMPANY** | San Juan Regulatory | 505.324.5185 | tajones@hilcorp.com

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This form is not to be
used for reporting
packer leakage tests
in Southeast New Mexico

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Page 1
Revised June 10, 2003

Operator Hilcorp Energy Company Lease Name JICARILLA A Well No. 9
Location of Well: Unit Letter C Sec 14 Twp 026N Rge 004W API # 30-039-20095

	Name of Reservoir or Pool	Type of Prod	Method of Prod	Prod Medium
Upper Completion	MV	Gas	Flow	Casing
Lower Completion	DK	Gas	Flow	Tubing

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 12/11/2023	Length of Time Shut-In 106	SI Press. PSIG 476	Stabilized?(Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 12/11/2023		SI Press. PSIG 225	Stabilized?(Yes or No) Yes

Flow Test No. 1

Commenced at: 12/15/2023		Zone Producing (Upper or Lower): UPPER			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		
12/15/2023 9:41 AM	9	476	225	32	Both zones shut in
12/15/2023 9:45 AM	9	443	225		Both zones shut in. Start flow test. Open upper zone, producing upper zone to pit.
12/15/2023 10:01 AM	10	180	225		Lower zone shut in. Flowing upper zone. 20% crossover met.
12/15/2023 10:16 AM	10	70	226		Lower zone shut in. flow upper zone.
12/15/2023 10:26 AM	10	28	226		Lower zone shut in. Upper zone flowing
12/15/2023 10:36 AM	10	18	226		Lower zone shut in. Upper zone flowing. Test complete

Production rate during test

Oil: _____ BOPD Based on: _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____
Gas: _____ MCFPD; Test thru (Orifice or Meter) _____

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Lower Completion	Hour, Date, Shut-In		SI Press. PSIG	Stabilized?(Yes or No)

(Continue on reverse side)

Northwest New Mexico Packer-Leakage Test

Page 2

Flow Test No. 2

Commenced at:		Zone Producing (Upper or Lower)			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		

Production rate during test

Oil: _____ BOPD Based on: _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Test thru (Orifice or Meter) _____

Remarks:

Packer test witnessed by Alfred Vigil Jr. with JOGA.

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved: _____ 20 _____
New Mexico Oil Conservation Division

Operator: Hilcorp Energy Company
By: Danny Roberts
Title: Multi-Skilled Operator
Date: Friday, December 15, 2023

By: _____
Title: _____

NORTHWEST NEWMEXICO PACKER LEAKAGE TEST INSTRUCTIONS

1. A packer leakage test shall be commenced on each multiply completed well within seven days after actual completion of the well, and annually thereafter as prescribed by the order authorizing the multiple completion. Such tests shall also be commenced on all multiple completions within seven days following recompletion and/or chemical or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when requested by the Division.

2. At least 72 hours prior to the commencement of any packer leakage test, the operator shall notify the Division in writing of the exact time the test is to be commenced. Offset operators shall also be so notified.

3. The packer leakage test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall remain shut-in until the well-head pressure in each has stabilized, provided however, that they need not remain shut-in more than seven days.

4. For Flow Test No. 1, one zone of the dual completion shall be produced at the normal rate of production while the other zone remains shut-in. Such test shall be continued for seven days in the case of a gas well and for 24 hours in the case of an oil well. Note: if, on an initial packer leakage test, a gas well is being flowed to the atmosphere due to lack of a pipeline connection the flow period shall be three hours.

5. Following completion of Flow Test No. 1, the well shall again be shut-in, in accordance with Paragraph 3 above.
6. Flow Test No. 2 shall be conducted even though no leak was indicated during Flow Test No. 1. Procedure for Flow Test No. 2 is to be the same as for Flow Test No. 1 except that the previously produced zone shall remain shut-in while the zone which was previously shut-in is produced.

7. Pressures for gas-zone tests must be measured on each zone with a deadweight pressure gauge at time intervals as follows: 3 hours tests: immediately prior to the beginning of each flow period, at fifteen-minute intervals during the first hour thereof, and at hourly intervals thereafter, including one pressure measurement immediately prior to the conclusion of each flow period. 7-day tests: immediately prior to the beginning of each flow period, at least one time during each flow period (at approximately the midway point) and immediately prior to the conclusion of each flow period. Other pressures may be taken as desired, or may be requested on wells which have previously shown questionable test data.

24-hour oil zone tests: all pressures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges the accuracy of which must be checked at least twice, once at the beginning and once at the end of each test, with a deadweight pressure gauge. If a well is a gas-oil or an oil-gas dual completion, the recording gauge shall be required on the oil zone only, with deadweight pressures as required above being taken on the gas zone.

8. The results of the above-described tests shall be filed in triplicate within 15 days after completion of the test. Tests shall be filed with the Aztec District Office of the New Mexico Oil Conservation Division on Northwest New Mexico Packer Leakage Test Form Revised 10-01-78 with all deadweight pressures indicated thereon as well as the flowing temperatures (gas zones only) and gravity and GOR (oil zones only).

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 296559

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 296559
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	1/29/2026