

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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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: Grenier 23	Property Code: 318535
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-23021
Pool Name: BLANCO MESAVERDE	Pool Code: 72319

## Section 2 – Surface Location

UL M	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	31	031N	011W	4	1190' South	1190 West	36.8515625	-108.036811	SAN JUAN

## Section 3 – Completion Information

Producing Method Flowing	Ready Date 4/4/2025	Perforations MD 4,235' – 4,941'	Perforations TVD 4,235' – 4,941'
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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), <b>if yes</b> list Order number:
C-104 RT Action ID (if C-104NW): 444920	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 5469
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: Previous to system	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): Y	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 <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date: 4/7/2025

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input checked="" type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input type="checkbox"/> Other	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: Grenier 23	Property Code: 318535
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-23021
Pool Name: Blanco Mesaverde	Pool Code: 72319

Section 2 – Well Location

	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	M	31	031N	011W	4	1190	South	1190	West	San Juan
BHL	M	31	031N	011W	4	1190	South	1190	West	San Juan

Section 3 – Completion Information

Date T.D. Reached 1/10/1979	Total Measured Depth of Well 6,931’	Acid Volume (bbls) 24 bbls	<input type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 4/4/2025	Plug-Back Measured Depth 6,924’	Completion Fluid Used (bbls) 1,814 bbls	Were Logs Ran (Y/N) Y
Completion Date 4/4/2025	Perforations (MD and TVD) 4,235’ – 4,941’	Completion Proppant Used (lbs) 260,358 lbs	List Type of Logs Ran if applicable: CCL

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: Previous to system	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	NOI Recomplete Action ID (if applicable): 402483
Intermediate 2 Casing Action ID: Previous to system	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: Previous to system	Cement Squeeze Action ID (if applicable): N/A
Tubing Action ID: Previous to system	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID: Previous to system	Casing was installed prior to Action ID system (Y/N): Y

Section 5 – Test Data

Date First Production 4/4/2025	Production Method F	Well Status PRODUCING	Gas – Oil Ratio
Date of Test 4/4/2025	Choke Size 20/64"	Flowing Tubing Pressure 700 psi	Casing Pressure 860 psi
24 hr Oil (bbls) 0 bbl	24 hr Gas (MCF) 45 mcf	24 hr Water (bbls) 0 bbl	Oil Gravity - API
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.  
☒ A Closed Loop System was used.  
☐ If an on-site burial was used at the well, report the exact location of the on-site burial:  
LAT: \_\_\_\_\_ LONG: \_\_\_\_\_

Section 7 - 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 Cherylene Weston	
Title Cherylene Weston, Operations Regulatory Tech-Sr.	Date 4/7/2025

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo			
T. Yates				T. Kirtland	1930	1930	
T. 7 Rivers				T. Fruitland			
T. Queen				T. Pictured Cliffs	2280	2280	G
T. Grayburg				T. Lewis Shale			
T. San Andres				T. Chacra			
T. Glorieta				T. Cliff House	3864	3864	G
T. Yeso				T. Menefee			
T. Paddock				T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup	5877	5877	O
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota	6810	6810	G
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

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State of New Mexico  
Energy, Minerals and Natural Resources

Revised July 18, 2013

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OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>30-045-23021</b>
1. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>Hilcorp Energy Company</b>		6. State Oil & Gas Lease No. <b>FEE</b>
3. Address of Operator <b>382 Road 3100 Aztec, NM 87410</b>		7. Lease Name or Unit Agreement Name <b>GRENIER</b>
4. Well Location Unit Letter <b>M</b> Footage <b>1190' FSL &amp; 1190' FWL</b> Section <b>31</b> Township <b>031N</b> Range <b>011W</b> <b>SAN JUAN COUNTY</b>		8. Well Number <b>23</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>5861' GR</b>		9. OGRID Number <b>372171</b>
		10. Pool name or Wildcat <b>MV - BLANCO::MESAVERDE</b>

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☐  
 CASING/CEMENT JOB ☐

OTHER: ☒ - **Recomplete**

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The subject well was recompleted into the Mesaverde and is now producing as a standalone MV. The existing Dakota is isolated by a CIBP for Mesaverde testing. See attached reports.

Spud Date:

Rig Released Date:

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

SIGNATURE Cherylene Weston

TITLE Operations/Regulatory Tech - Sr. DATE 4/7/2025

Type or print name Cheryl Weston

E-mail address: cweston@hilcorp.com

PHONE: 713.289.2615

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):



## Well Operations Summary L48

**Well Name: GRENIER #23**

**API: 3004523021**

**Field: BASIN DAKOTA (PRORATED GAS)**

**State: NEW MEXICO**

**Permit to Drill (PTD) #:**

**Sundry #:**

**Rig/Service: RIO 22**

### Jobs

**Actual Start Date:** 3/10/2025

**End Date:**

Report Number  
1

Report Start Date  
3/10/2025

Report End Date  
3/10/2025

#### Operation

ACCEPT HEC #105 AT 06:00 ON 3/10/2025. CREW TRAVELED TO LOCATION. HELD PJSM

MOB FROM THE THOMPSON #12E TO THE GRENIER #23 (11.5 MILE MOVE). EXTRA TIME DUE TO AVOIDING SCHOOL ZONE.

W/O SLICKLINE TO FINISH CLEARING TBG. SPOT RIG AND EQUIPMENT. RIG UP RIG AND EQUIPMENT. BDW.

FTP: 140 PSI  
FCP: 140 PSI  
SIBHP: 0 PSI  
BDW: 5 MIN

N/D WH. N/U BOP. R/U RIG FLOOR. FUNCTION TEST AND PRESSURE TEST BOP (GOOD).

HANGER STUCK. WORK HANGER FREE. PULL TUBING HANGER.

R/U PREMIER NDT SCANNING EQUIPMENT. TOH SCANNING 2-3/8" TUBING.

161 - YELLOW  
51 - BLUE  
8 - GREEN  
0 - RED

DOWNGRADE DUE TO PITTING. LIGHT SCALE ON OUTSIDE OF TUBING.  
R/D PREMIER NDT SCANNING EQUIPMENT.

P/U 3-7/8" STRING MILL. TALLY AND TIH W/ ALL TUBING IN DERRICK. EOT AT 5325'. SWAP TUBING TRAILERS.

TALLY AND P/U 2-3/8" J-55 WB TUBING TO 6750' (TOP PERF). L/D TUBING TO ABOVE CIBP SETTING DEPTH. EOT AT 6687'.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW.  
SDFN.

CREW TRAVELED HOME.

Report Number  
2

Report Start Date  
3/11/2025

Report End Date  
3/11/2025

#### Operation

CREW TRAVELED TO LOCATION.

HELD PJSM WITH RIG CREW ON TODAY'S OPERATIONS. BDW. SITP: 0 PSI  
FCP: 60 PSI  
SIBHP: 0 PSI  
BDW: 2 MIN

TOOH L/D 3 7/8" STRING MILL.

P/U HEC 4-1/2" CIBP. TIH W/ ALL TBG IN DERRICK.

**SET 4-1/2" CIBP AT 6705'.**

LOAD CSG W/ 110BBL WATER. CIRCULATE 20 BBL.

PRESSURE TEST CASING TO 560 PSI. CLIMBED TO 820 PSI IN 30 MIN. GOOD TEST.

L/D TUBING TO 5231'. TOP OFF WELL. W/O STATE AND LET WELL STABILIZE.

MIRU WILSON SERVICE. CONDUCT BRADEN HEAD TEST WITNESSED AND PASSED IN PERSON BY JOHN DURHAM WITH NMOCD. ATTEMPT TO GET GOOD MIT. PRESSURE CONTINUED TO CLIMB DURING TEST. TRY 3 TIMES SAME RESULTS. RESCHEDULE TEST FOR MORNING

CONTINUE TO L/D TUBING STRING. L/D SETTING TOOL.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SERVICE RIG. SDFN.

CREW TRAVELED HOME.

Report Number  
3

Report Start Date  
3/12/2025

Report End Date  
3/12/2025

#### Operation

CREW ATTEND SAFETY MEETING AT HEC (05:00). CREW TRAVELED TO LOCATION.

HELD PRE JOB SAFETY MEETING.

SITP: 0 PSI  
SICP: 0 PSI  
SIBHP: 0 PSI  
BDW: N/A

TOP OFF WELL. MIRU WILSON SERVICES. W/O STATE. **CONDUCT WITNESSED MIT WITNESSED AND PASSED IN PERSON BY JOHN DURHAM WITH NMOCD.** R/D WILSON SERVICES.

PJSM. N/D BOP. N/D TUBING HEAD. STUB UP 4-1/2" CASING. N/U R/R 11"3K X 7"3K SLOTTED TUBING HEAD. VOID TEST TO 1500 PSI (GOOD). N/U BOP. N/D STRIPPING HEAD. N/U WRLN LUBRICATOR.

RIH. TIE INTO CBL RAN 3/2009. SET SELECT **4-1/2" CBP AT 5000'** (74' ABOVE DV TOOL AT 5074'). POOH LOGGING **CCL FROM 5000' TO 3300'**. GOOD MARKER (DOUBLE KICK ON JT AT 3506 TO 3550')



## Well Operations Summary L48

Well Name: **GRENIER #23**

API: 3004523021

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

## Operation

RIH AND **PERF STAGE #1 (POINT LOOKOUT)** INTERVAL WITH **30 SHOTS, 0.33" DIA**, 3-1/8" WELLMATICS GUN, SELECT FIRE **1 SPF**, 0 DEG, IN 1 RUN AT **4,626'**  
 4633', 4638', 4643', 4651', 4656', 4670', 4675', 4680', 4684', 4698', 4717', 4721', 4726', 4747', 4753', 4761', 4797', 4807', 4816', 4828', 4833', 4837', 4843', 4866',  
 4883', 4913', 4922', 4930', **4941'**.

TIED INTO CCL RAN 3/12/2205

ALL SHOTS FIRED.

POOH.

RIH AND **SET 4-1/2" SEMI-COMPOSITE FRAC THROUGH PLUG AT 4600'**. TOOL STUCK. NOTIFY ENGINEER. WORK LINE (1 HR). PUMP WATER AND PR  
 UP TO 500 PSI. NO LUCK. PULL OUT OF ROPE SOCKET. POOH. R/D TWG.

X/O TO 2-7/8" HANDLING TOOLS. CHANGE OUT PIPE RAMS TO 2-7/8".

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVELED HOME.

Report Number  
4Report Start Date  
3/13/2025Report End Date  
3/13/2025

## Operation

CREW TRAVELED TO LOCATION.

HELD PJSM WITH ALL ON LOCATION. NO PRESSURE ON WELL.

SITP: 0 PSI

SICP: 0 PSI

SIBHP: 0 PSI

BDW: 0 MIN

P/U 3-7/8" GRAPPLE W/ CUTLIP SHOE. TALLY AND P/U 22-7/8" 6.5# P-110 (IJ) RTS-8 TUBING. TAG DV TOOL AT 2474'. ATTEMPT TO WORK PAST (FAIL).

TOOH. L/D 3-7/8" OVERSHOT W/ 3-1/8" GRAPPLE. P/U 3-3/4" SHORT CATCH W/ 1-7/16" GRAPPLE. TIH. NO TAG AT 2474'.

CONTINUE TO TALLY AND P/U 2-7/8" 6.5# P-110 (IJ) RTS-8 TUBING.

**ENGAGE FISH AT 4587'. SHEER OFF PLUG.** WELL ON LIGHT VAC. LOAD WELL W/ 8 BBL FRESH WATER. PUMP 10 BBL AT ~2 BPM AND 200 PSI (GOOD).

L/D TUBING TO 3362'.

TOOH W/ ALL TUBING. **LD OVERSHOT AND FISH.**

THE WIRELINE GROUP ON LOCATION TO BLEED OFF AND DISASSEMBLE WL TOOLS.

HELD SAFETY MEETING WITH ALL ON LOCATION (HYDROTESTING).

P/U SELECT 4-1/2" X 2-3/8" ASI-X PACKER (1.99" DRIFT). TIH W/ 1 JT PT PACKER AND ALL CONECTIONS TO 8000 PSI (GOOD).

TIH W/ 2-7/8" 6.5# P-110 (IJ) RTS-8 FRAC STRING TO 3341' (HYDRO TESTING TO 8000 PSI). R/D WILSON SERVICES.

Report Number  
5Report Start Date  
3/14/2025Report End Date  
3/14/2025

## Operation

CREW TRAVELED TO LOCATION

HELD PJSM WITH RIG CREW. NO PRESSURE ON WELL.

SITP: 0 PSI

SICP: 0 PSI

SIBHP: 0 PSI

BDW: 0 MIN

LAND FRAC STRING W/ 20K# ON PACKER AS FOLLOWS.

TUBING HANGER

1- 2-7/8"X10' L-80 PUP JT (9.72')

1- 2-7/8" EUEX2-7/8" RTS-8 SUB (1.33')

107 JTS- 2-7/8" 6.5# P-110 (IJ) RTS-8 (3302.13')

1- 2-7/8" 6.5# P-110 (IJ) RTS-8 PUP JT (1.93')

1 JT- 2-7/8" 6.5# P-110 (IJ) RTS-8 (31.40')

1- 2-7/8" EUEX2-7/8" RTS-8 SUB (0.59')

1- 2-7/8" X 2-3/8 X/O (0.38')

1- 2-7/8"X4-1/2" AS1-X PCKR (6.49')

1- 2-3/8" WIRELINE RE-ENTRY GUIDE (0.38)

EOT: 13364.85'

TOP OF PCKR: 3357.98'

LOAD CSG W/ 8 BBL. PT TO 500 PSI (GOOD). PUMP DOWN TBG W/ 100 BBL FRESH AT 500 PSI AND 6 BPM. NO COMMUNICATION PAST PACKER  
 EVIDENT. SIIP: VAC

R/D RIG FLOOR. N/D BOP. ATTEMPT TO N/U FRAC STACK. BIG RED HANGER BOTTOMED OUT ON WSI ADAPTER. W/O BIG RED ADAPTER. N/U FRAC  
 STACK VOID TEST WH TO STACK CONNECTION TO 2500 PSI, (GOOD).

INSTALL 2 WAY CHECK. PRESSURE TEST FRAC STACK TO 8500 PSI(GOOD). RETRIEVE TWC.

R/D RIG AND EQUIPMENT. PREP FOR RIG MOVE. RIG RELEASED TO THE HAYNIE #2N ON 3/14/2025 AT 14:00. CREW TRAVEL HOME.



## Well Operations Summary L48

Well Name: **GRENIER #23**

API: 3004523021

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Report Number 6	Report Start Date 3/31/2025	Report End Date 3/31/2025
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## Operation

MOVE IN AND SPOT GORE N2 SERVICES AND THE WIRELINE GROUP WIRELINE.

RIG UP FRAC AND N2 EQUIPMENT. COOL DOWN N2 PUMPS.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 7800 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 7800 PSI. GOOD TEST.

**POINT LOOKOUT STIMULATION: (4626' TO 4941')**

TOTAL LOAD: 1,116 BBLS

TOTAL **SLICKWATER: 1,104 BBLS**

TOTAL ACID: 12 BBL

TOTAL **20/40 SAND: 150,106 LBS**TOTAL **N2: 1,401,000 SCF**AVERAGE RATE: **50 BPM**

MAX RATE: 50.6 BPM

AVERAGE PRESSURE: 4064 PSI

MAX PRESSURE: 5627 PSI

MAX SAND CONC: 2.50 PPG DOWNHOLE.

15- 7/8" RCN BALLS DROPPED FOR DIVERSION.

ISIP: 557 PSI

5 MIN: 240 PSI

DROP 1.875" BALL. GOOD BALL ACTION. PT PLUG TO 1300 PSI (GOOD).

**PERF STAGE #2 MENELEE INTERVAL WITH****11 SHOTS, 0.3" DIA**, 1-11/16" STRIP GUNS, **1 SPF** 0 DEGREE PHASING AT **4235'**, 4244', 4259', 4264', 4275', 4287', 4292', 4309', 4313', 4332', **4337'**.**12 SHOTS, 0.2" DIA**, 1-9/16" SELECT FIRE GUNS, **2 SPF** 180 DEGREE PHASING AT 4353', 4371', 4397', 4405', 4435', **4446'**.**3 SHOTS, 0.3" DIA**, 1-11/16" STRIP GUNS, **1 SPF** 0 DEGREE PHASING AT **4476'**, 4483', **4489'**.**8 SHOTS, 0.2" DIA**, 1-9/16" SELECT FIRE GUNS, **2 SPF** 180 DEGREE PHASING AT **4509'**, 4518', 4533', 4542', 4552', 4562', 4566', **4586'**.**34 TOTAL SHOTS**. ALL SHOTS FIRED. 4 RUNS TOTAL.

TIED INTO CCL RAN 3/12/2025

POH. R/D WRLN LUBRICATOR.

**MENELEE STIMULATION: (4235' TO 4586')**

BREAK DOWN ISIP: 1113 PSI

5 MIN: 500 PSI

FRAC AT 50 BPM W/ 70Q N2 FOAM.

TOTAL LOAD: 982 BBLS

TOTAL **SLICKWATER: 970 BBLS**

TOTAL ACID: 12 BBL

TOTAL **20/40 SAND: 110,252 LBS**TOTAL **N2: 1,451,00 SCF**AVERAGE RATE: **50 BPM**

MAX RATE: 51.6 BPM

AVERAGE PRESSURE: 5,519 PSI

MAX PRESSURE: 6,220 PSI

MAX SAND CONC: 2.5 PPG DOWNHOLE.

ISIP: 1593 PSI

5 MIN: 1307

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT. MOVE OFF.

Report Number 7	Report Start Date 4/2/2025	Report End Date 4/2/2025
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## Operation

RIG CREW TRAVELED TO THE MORRIS GAS COM C1E. PREP FOR MOVE.

MOVE RIG AND EQUIPMENT TO LOCATION.

SAFETY MEETING. OBTAIN WH PRESSURES. TBG 1700 PSI. CSG 0 PSI. BH 0 PSI.

RIG UP RIG AND SUPPORT EQUIPMENT.

RIG UP 1502 IRON FROM WSI. START BLOW DOWN OPERATION. BLOW WELL FOR 2 HOURS AND 45 MINUTES. PRESSURE WENT FROM 1700 PSI TO 50 PSI. MADE 110 BBLS OF WATER. SHUT WELL IN FOR 15 MINUTES. BUILT FROM 50 PSI TO 500 PSI. OPEN WELL BACK UP.

PUMP A 40 BBL KILL DOWN THE FRAC STRING. DRY ROD BPV IN HANGER. ND FRAC STACK. NU BOP. RIG UP WELLCHECK. TEST PIPE AND BLIND RAMS TO 2600 PSI HIGH AND 250 PSI LOW. TEST CHARTED AND GOOD. RIG DOWN TEST EQUIPMENT.

PUMP A 40 BBL KILL DOWN FRAC STRING. RELEASE PACKER. PULL TBG HANGER TO THE RIG FLOOR. VERIFY FRAC STRING IS DEAD. REMOVE BPV AND HANGER. INSTALL STRIPPING RUBBER.





## Well Operations Summary L48

Well Name: **GRENIER #23**

API: 3004523021

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

## Operation

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

TRAVEL TO YARD

Report Number  
8Report Start Date  
4/3/2025Report End Date  
4/3/2025

## Operation

TRAVEL TO LOCATION.

PRE-JOB SAFETY MEETING. TOOK WH PRESSURES. SICP 1000. SITP 1000. SIBH 0. BDW WELL IN 20 MINUTES TO A STEADY BLOW.

KILL WELL WITH 40 BBLs OF TREATED FRSH WATER. TRIPPED OUT OF THE HOLE WITH THE 2-7/8" P110 FRAC STRING. IT TOOK A TOTAL 200 BBLs TO KILL THE WELL TO GET OUT OF THE HOLE.

MAKE UP 3-7/8" JUNK MILL. TALLY AND TRIP IN THE HOLE WITH 2-3/8" TUBING TO A DEPTH OF 1900'. UNLOAD HOLE. CONTINUE TRIPPIING IN THE HOLE WITH THE 3-7/8" JUNK MILL TO THE FRAC PLUG AT 4596'.

BRING ON 12 BBL PER HOUR AIR FOAM MIST. **MILL OUT FRAC PLUG AT 4596'**. CIRCULATE HOLE CLEAN. SHUT AIR UNIT DOWN. TOOH WITH 7 STANDS TO 4163'. TOP PERF AT 4235'.

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

TRAVEL TO YARD.

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

## Operation

RIG CREW TRAVEL TO LOCATION.

SAFETY MEETING WITH CREW. OBTAIN WH PRESSURES. CASING 980 PSI. TUBING 90 PSI. BH 0 PSI. BDW WELL TO A STEADY BLOW IN 20 MINUTES.

TIH FROM 4235' TO CBP AT 5000'.

BRING ON AIR UNIT AT 1200 CFM AND 12 BBL PER HOUR AIR FOAM MIST. **MILL UP CBP AT 5000'** WITH THE 3-7/8" JUNK MILL. CIRCULATE HOLE CLEAN. SAND AT A TRACE. SHUT AIR UNIT DOWN. VERIFY CASING IS CLEAR TO 5117'

HANG BACK SWIVEL. TRIP OUT OF THE HOLE WITH THE 3-7/8" JUNK MILL. PUMPED A 60 BBL KILL ON THE WELL TO GET THE MILL OUT OF THE HOLE.

TRIP AND DRIFT IN THE HOLE WITH **2-3/8" 4.7#, J-55 PRODUCTION TUBING LANDED AT 4931'. SEATING NIPPLE AT 4929'**. ND BOP. NU WH. BRING ON AIR UNIT. PRESSURE TEST TBG TO 500 PSI. GOOD TEST. PUMP OFF DISC SUB AT 1500 PSI. UNLOADED WELL. SHUT AIR UNIT DOWN. SHUT WELL IN.**RIG DOWN RIG** AND SUPPORT EQUIPMENT. RIGS OPS COMPLETE. TURN WELL OVER TO COMPLETIONS FOR WELL TESTING.



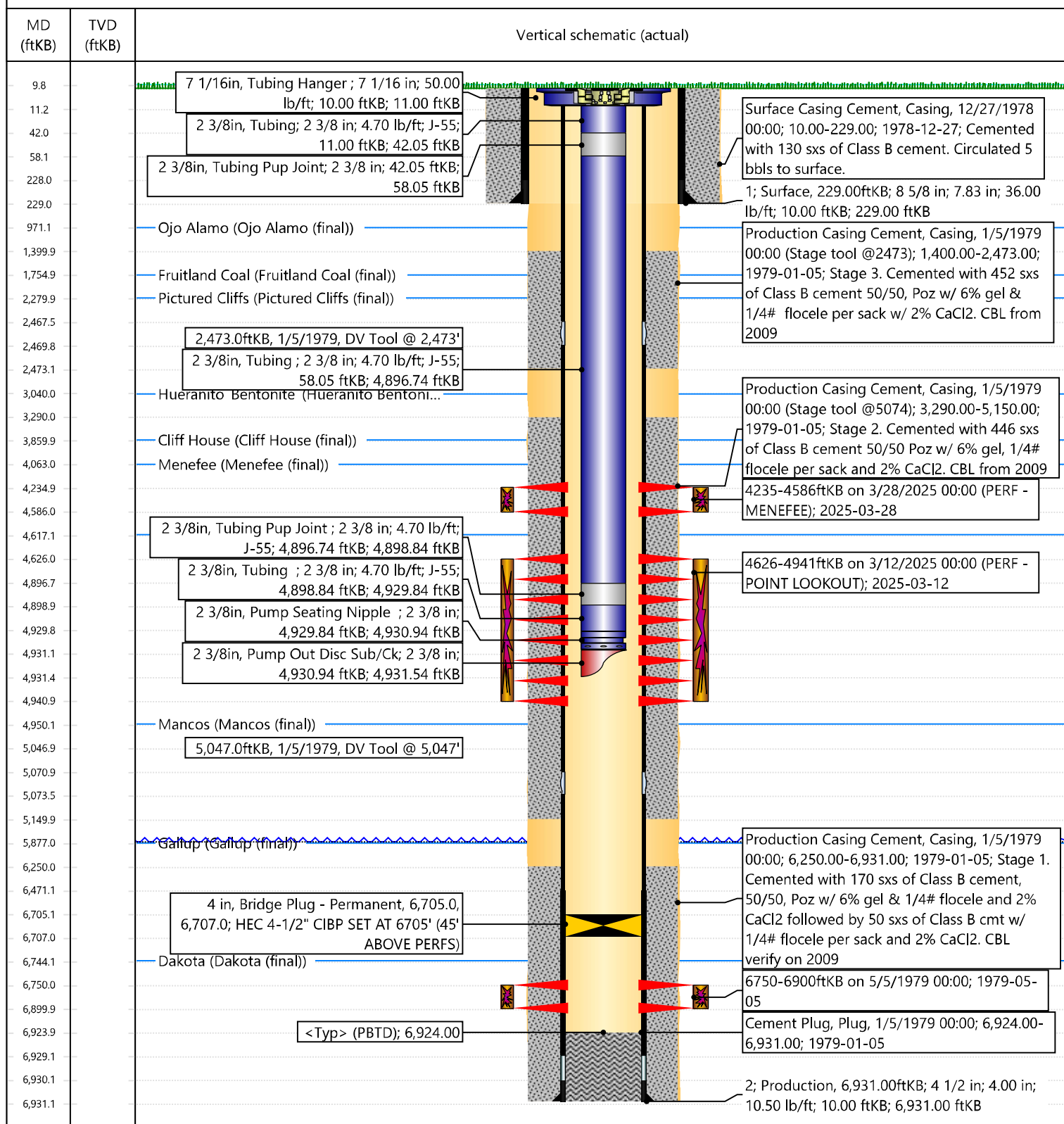


## Current Schematic - Version 3

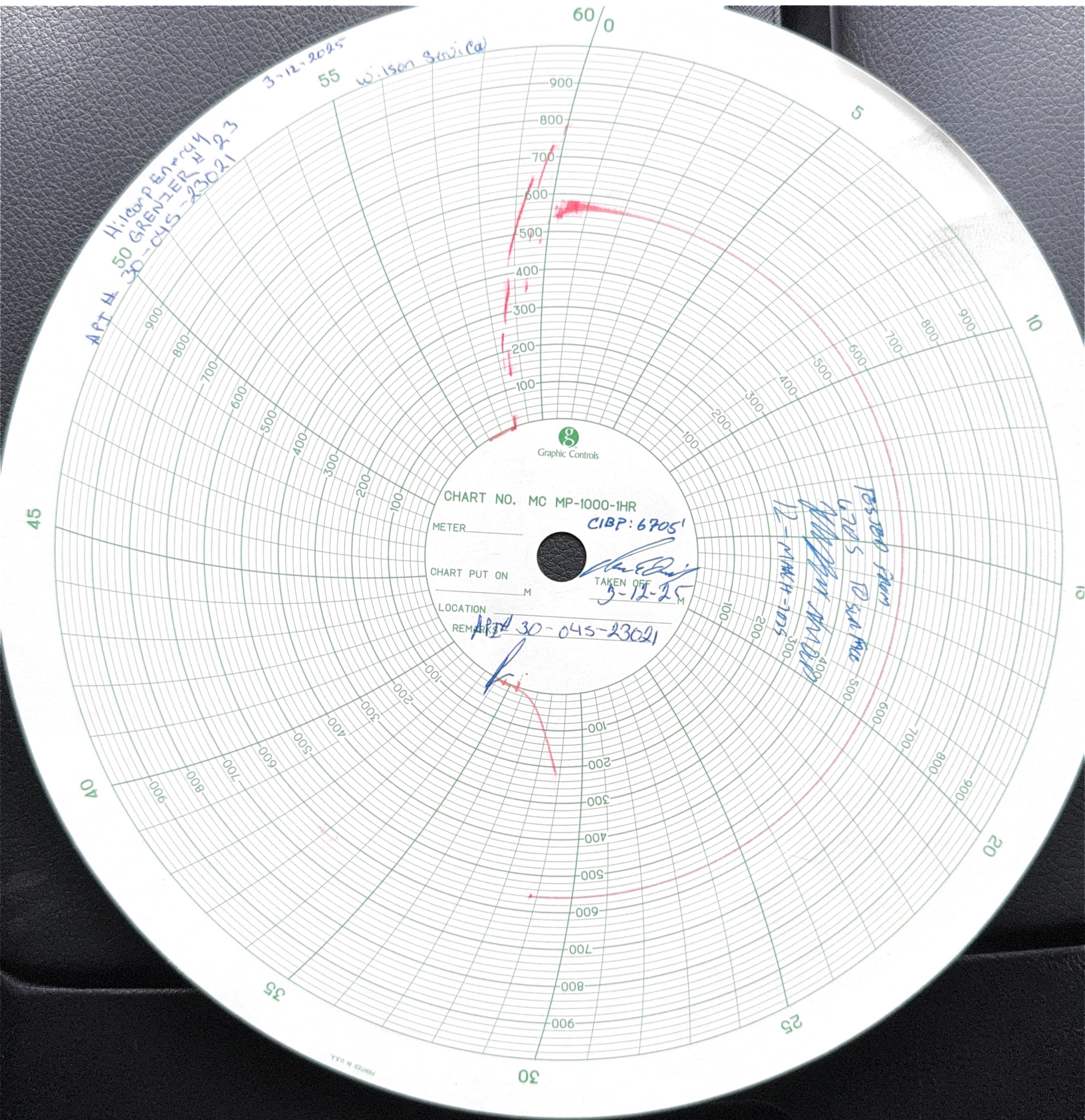
Well Name: GRENIER #23

API/UWI 3004523021	Surface Legal Location 031-031N-011W-M	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0307	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,861.00	Original KB/RT Elevation (ft) 5,871.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
<b>Tubing Strings</b>					
Run Date 4/4/2025 14:00	Set Depth (ftKB) 4,931.54	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 12/26/1978 00:00

## Original Hole











# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

## MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test 12-MARCH-2025 Operator HILICORP API # 30-0 45-23021

Property Name CHEVIEA Well # 23 Location: Unit M Sec 31 Twn 31 Rge 11

Land Type:

State \_\_\_\_\_  
Federal \_\_\_\_\_  
Private X  
Indian \_\_\_\_\_

Well Type:

Water Injection \_\_\_\_\_  
Salt Water Disposal \_\_\_\_\_  
Gas Injection \_\_\_\_\_  
Producing Oil/Gas OX  
Pressure observation \_\_\_\_\_

Temporarily Abandoned Well (Y/N): \_\_\_\_\_ TA Expires: \_\_\_\_\_

Casing Pres. \_\_\_\_\_  
Bradenhead Pres. \_\_\_\_\_  
Tubing Pres. \_\_\_\_\_  
Int. Casing Pres. \_\_\_\_\_

Tbg. SI Pres. \_\_\_\_\_  
Tbg. Inj. Pres. \_\_\_\_\_

Max. Inj. Pres. \_\_\_\_\_

Pressured annulus up to \_\_\_\_\_ psi. for \_\_\_\_\_ mins. Test passed/failed

REMARKS: TESTED FROM 6705 TO SURFACE. 1000 PSI SPRING BOTTOM  
THE CASING WAS PRESSURED UP TO 565 PSI AND PRESSURE  
FELL TO 560 PSI AND HELD FOR THE LAST  
20 MINUTES

By [Signature]  
(Operator Representative)

Witness [Signature]  
(NMOCD)

Wellsite Supervisor  
(Position)

Revised 02-11-02

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 462238

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 462238
	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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1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 462238

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 462238
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/14/2025