

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	C-104 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: McClanahan 19E	Property Code: 318622
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-24107
Pool Name: Basin Fruitland Coal	Pool Code: 71629

Section 2 – Surface Location

UL E	Section 14	Township 28N	Range 10W	Lot	Ft. from N/S 1795' FNL	Ft. from E/W 845' FWL	Latitude 36.6645432	Longitude -107.8711395	County San Juan
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Section 3 – Completion Information

Producing Method FLOWING	Ready Date 8/20/2024	Perforations MD 1804' – 1927'	Perforations TVD 1804' – 1927'
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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): N/A	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 5416
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): 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 	
Title: Operations Regulatory Tech Sr.	Date 9/5/2024

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	<input type="checkbox"/> Oil Well	<input checked="" type="checkbox"/> Gas Well	<input type="checkbox"/> Dry	<input type="checkbox"/> Other	
b. Type of Completion:	<input type="checkbox"/> New Well	<input type="checkbox"/> Work Over	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Diff. Resvr.,
Other: <u>Recomplete</u>					

5. Lease Serial No.
NMSF080781

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.
McClanahan 19E

3. Address	3a. Phone No. (include area code)
382 Road 3100, Aztec, NM 87410	(505) 599-3400

9. API Well No.
30-045-24107

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
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10. Field and Pool or Exploratory
Basin Fruitland Coal

At surface
E (SW/NW) 1795' FNL & 845' FWL

11. Sec., T., R., M., on Block and Survey or Area
Sec. 14, T28N, R10W

At top prod. Interval reported below

12. County or Parish	13. State
San Juan	New Mexico

At total depth

14. Date Spudded	15. Date T.D. Reached	16. Date Completed
2/7/1980	5/22/1984	<input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 8/20/2024

17. Elevations (DF, RKB, RT, GL)*
5784' GL

18. Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
6595'	6549'	MD 2870' TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL	22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)
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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
12 1/4"	8 5/8" K-55	24#		234'		140 sx			
7 7/8"	5 1/2" K-55	15.5#		6595'		625 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	1959'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	1804'	1927'	4 SPF	0.44	224	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
FRUITLAND COAL: (1804' - 1927')	FRAC AT 50 BPM W/ 70Q N2 FOAM TOTAL LOAD: 433 BBLS SLICKWATER: 409 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 3,059 LBS TOTAL 40/70 SAND: 37,304 LBS TOTAL N2: 392,000 SCF
	FRAC AT 50 BPM W/ 70Q N2 FOAM TOTAL LOAD: 592 BBLS SLICKWATER: 568 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 2,316 LBS TOTAL 40/70 SAND: 42,736 LBS
	FRAC AT 50 BPM W/ 70Q N2 FOAM TOTAL LOAD: 436 BBLS SLICKWATER: 412 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 3,010 LBS TOTAL 40/70 SAND: 37,312 LBS

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
8/20/2024	8/20/2024	13	➡	0	54	0			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
36/64"	0	115	➡	0	99	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
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

*(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):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	850'	961'	White, cr-gr ss	Ojo Alamo	850'
Kirtland	961'	1583'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	961'
Fruitland	1583'	1936'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1583'
Pictured Cliffs	1936'	2018'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	1936'
Lewis	2018'	2900'	Shale w/ siltstone stingers	Lewis	2018'
Chacra	2900'	3495'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2900'
Cliffhouse	3495'	3594'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3495'
Menefee	3594'	4210'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	3594'
Point Lookout	4210'	4570'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	4210'
Mancos	4570'	5425'	Dark gry carb sh.	Mancos	4570'
Gallup	5425'	6195'	Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	5425'
Greenhorn	6195'	6251'	Highly calc gry sh w/ thin lmst.	Greenhorn	6195'
Graneros	6251'	6376'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	6251'
Dakota	6376'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	6376'
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 STANDALONE FC pending DHC operations
FC: NM 112692

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)

Amanda Walker

Title

Operations/Regulatory Technician - Sr.

Signature

Date

9/5/2024

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.

AFMSS Portal

Modules

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AMANDA WALKER

My Well Completion

Report Workflow

Operator In-Right Well

Completion Report

Processes

Operator Archived Well

Completion Report

Processes

Operator In-Right Well Completion Report Processes

Quick Search

Export

Monitoring

APD ID	WCR ID	BLM Office	Operator	Well Name	Well Number	US Well Number	Application Status
✓ 96AIR0039PEF	92932	Farmington	HILCORP ENERGY COMPANY	MCCLANAHAN	19E	3004524107	Accepted

1

15 items per page

1 - 1 of 1 items

My Monitor for WCRID:

Operator Name

Well Name

Well Number

US Well Number

SHL

County

State

Lease Number(s)

Well Type

Well Status

Agreement Name

Agreement Number(s)

Allottee/Tribe

Well Pad Name

Well Pad Number

Well Completion Print Report

3160-4 Report

WCRx 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	AMANDA WALKER	AMANDA WALKER	2024/9/4 11:48:00 PM		2024/9/4 11:57:00 PM
103	Completed	Initial Review	MATTHEW H KADE	Adjudicator	2024/9/4 11:57:00 PM		2024/9/9 4:02:00 AM
105	Completed	Engineer Review	MATTHEW H KADE	Engineer	2024/9/9 4:02:00 AM		2024/9/9 4:12:00 AM

Well Name: MCCLANAHAN	Well Location: T28N / R10W / SEC 14 / SWNW / 36.66443 / -107.87062	County or Parish/State: SAN JUAN / NM
Well Number: 19E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080781	Unit or CA Name: MCCLANAHAN	Unit or CA Number: NMNM73582
US Well Number: 3004524107	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2810349

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 09/05/2024	Time Sundry Submitted: 06:43
Date Operation Actually Began: 07/29/2024	

Actual Procedure: The following well has been recompleted into the Fruitland Coal. The CH/DK is currently shutin pending DHC operations. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

MCCLANAHAN_19E_RC_SR_Writeup_20240905064253.pdf

Well Name: MCCLANAHAN	Well Location: T28N / R10W / SEC 14 / SWNW / 36.66443 / -107.87062	County or Parish/State: SAN JUAN / NM
Well Number: 19E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080781	Unit or CA Name: MCCLANAHAN	Unit or CA Number: NMNM73582
US Well Number: 3004524107	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: AMANDA WALKER	Signed on: SEP 05, 2024 06:42 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: MWALKER@HILCORP.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 09/09/2024
Signature: Matthew Kade	



Well Operations Summary L48

Well Name: MCCLANAHAN #19E

API: 3004524107	Field: BASIN DAKOTA (PRORATED GAS)	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: MESA PRODUCTION

Jobs

Actual Start Date: 7/29/2024 End Date:

Report Number 1	Report Start Date 7/29/2024	Report End Date 7/29/2024
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Operation

ACCEPT HEC #105 AT 06:00 ON 7/29/2024. CREW TRAVELED TO LOCATION.
HOLD PJSM. MOB FROM THE GONSALES STATE COM #1N TO MCMCLANAHAN #19E (19 MILE MOVE). EXTRA TIME TAKEN DUE TO SANDY ROAD AND HAVING TO PULL EQUIPMENT TO LOCATION.
SPOT RIG AND EQUIPMENT. REPLACE HYDRAULIC HOSE THAT BROKE ON RIG MOVE. PULL TRUCKS UP HILL. RIG UP RIG AND EQUIPMENT. BDW.
SITP: 125 PSI
SICP: 125 PSI
SIBHP: 0 PSI
BDW: 15 MIN
N/D WH. N/U BOP. R/U RIG FLOOR. FUNCTION TEST AND PRESSURE TEST BOP (GOOD).
PULL TUBING HANGER.
R/U PREMIER NDT SCANNING EQUIPMENT. TOOH SCANNING 2-3/8" TUBING.
26- YELLOW
9- BLUE
12- GREEN
161- RED.
DOWNGRADE DUE TO PITTING. HOLE IN JOINT 55. R/D PREMIER NDT SCANNING EQUIPMENT.
P/U 4-3/4" STRING MILL. TALLY AND TIH W/ ALL TUBING IN DERRICK. EOT AT 830'.
WAIT ON TUBING.
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.
CREW TRAVELED HOME.

Report Number 2	Report Start Date 7/30/2024	Report End Date 7/30/2024
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Operation

CREW TRAVEL TO LOCATION.
HOLD PJSM. DISCUSS DAYS ACTIVITIES. BDW.
SITP: 0 PSI
SICP: 125 PSI
SIBHP: 0 PSI
BDW: 15 MIN
TALLY AND P/U TUBING TO 2980'. TOP PERF AT 2912'.
TOOH. L/D 4-3/4" STRING MILL. P/U HEC 5-1/2" CIBP. TIH. **SET CIBP AT 2870'**.
L/D 1 JT. LOAD CASING. CIRCULATE WELL CLEAN.
PT CSG TO 590 PSI. PRESSURE HELD SOLID FOR 30 MIN.
L/D ALL TUBING IN HOLE.
MIRU THE WIRELINE GROUP. HOLD PJSM. RIH W/ CBL. POOH LOGGING FOR 2780' TO SURFACE UNDER 500PSI. RIH W/ CNL. POOH LOGGING FROM 2200' (DV TOOL) TO 1200'.
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.
CREW TRAVELED HOME.

Report Number 3	Report Start Date 7/31/2024	Report End Date 7/31/2024
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Operation

CREW TRAVEL TO LOCATION.
HOLD PJSM. DISCUSS DAYS ACTIVITIES. NO PRESSURE ON WELL. SITP: N/A SICP: 0 PSI SIBHP: 0 PSI
MIRU WILSON SERVICE. W/O LOG EVALUATION. CONDUCT BRADENHEAD TEST AND MIT WITNESSED AND PASSED IN PERSON BY JOHN DURHAM NMOCD. RDR WILSON SERVICE.
RIH W/ CNL. CNL TOOL FAILED. POOH. CHANGE TOOLS. RIH W/ CNL LOGGING FROM 2870' (CIBP) TO SURFACE. DV TOOL AT 1932'. RIH W/ SELECT 5-1/2" CBP. **SET PLUG AT 2000'**. POOH. RDR THE WIRELINE GROUP.
R/D FLOOR. N/D BOP. N/D 2K TUBING HEAD. STUB UP CASING. N/U NEW 5K TUBING HEAD. VOID TEST TO 1800 PSI (GOOD). N/U FRAC STACK.
MIRU WILSONS. PT CSG AND FRAC STACK. FOUND PRESSURE COMMUNICATING FROM CSG TO VOID. BDW. PT VOID TO 1300 (GOOD). PRESSURE UP ON CSG TO 2000 PSI. VOID PRESSURE CLIMBED TO 2000 PSI. BD CSG TO 0 PSI. VOID BLEED DOWN WITH CSG TO 1500 PSI THEN HELD. R/D WILSONS.
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.
CREW TRAVELED HOME.

Report Number 4	Report Start Date 8/1/2024	Report End Date 8/1/2024
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Operation

CREW TRAVEL TO LOCATION.



Well Operations Summary L48

Well Name: MCCLANAHAN #19E

API: 3004524107	Field: BASIN DAKOTA (PRORATED GAS)	State: NEW MEXICO
	Sundry #:	Rig/Service: MESA PRODUCTION

Operation		
HOLD PJSM. DISCUSS DAYS ACTIVITIES. NO PRESSURE ON WELL.		
SITP: N/A SICP: 0 PSI SIBHP: 0 PSI		
N/D FRAC STACK. N/D 5K TUBING HEAD. INSPECT ALL SEALS (GOOD). THINK STUB UP OFF CENTER. CUT OFF OLD STUB UP. STUB UP CASING. N/U 5K TUBING HEAD. VOID TEST TO 1800 PSI (GOOD). N/U FRAC STACK.		
MIRU WILSON SERVICES. PRESSURE TEST CASING AND FRAC STACK TO 3000 PSI (CHARTED). GOOD TEST. NO COMMUNICATION TO VOID EVIDENT. RDR WILSON.		
RIG DOWN HEC #105. MOVE OFF LOCATION. RIG RELEASED TO THE CALLOWAY #1M AT 13:30 ON 8/1/2024. JOB COPLEETE.		
Report Number 5	Report Start Date 8/14/2024	Report End Date 8/14/2024

Operation		
MOVE IN SPOT AND R/U GORE N2 AND TWG WRLN.		
RIH AND PERF STAGE #1 (FRC) INTERVAL (1909'-1927') WITH 72 SHOTS, 0.44" DIA, 3-1/8" EEG GUN, 4 SPF 90 DEGREE PHASING		
ALL SHOTS FIRED.		
POH. R/D WRLN LUBRICATOR.		
COOL DOWN AND PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 4000 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 4000 PSI. GOOD TEST.		
HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.		
FRUITLAND COAL STIMULATION: (1909' TO 1927')		
FRAC AT 50 BPM W/ 70Q N2 FOAM TOTAL LOAD: 436 BBLS SLICKWATER: 412 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 3,010 LBS TOTAL 40/70 SAND: 37,312 LBS TOTAL N2: 324,000 SCF AVERAGE RATE: 50.3 BPM MAX RATE: 51.2 BPM AVERAGE PRESSURE: 1,063 PSI MAX PRESSURE: 1,097 PSI MAX SAND CONC: 2.5 PPG DOWNHOLE ISIP: 566 PSI		
RIH W/ WRLN AND SET CBP AT 1890'.		
RIH AND PERF STAGE #2 (FRC) INTERVAL (1851' - 1874') WITH 72 SHOTS, 0.44" DIA, 3-1/8" EEG GUN, 4 SPF 90 DEGREE PHASING		
ALL SHOTS FIRED.		
POH. R/D WRLN LUBRICATOR.		
FRUITLAND COAL STIMULATION: (1851' TO 1874')		
FRAC AT 50 BPM W/ 70Q N2 FOAM TOTAL LOAD: 592 BBLS SLICKWATER: 568 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 2,316 LBS TOTAL 40/70 SAND: 42,736 LBS TOTAL N2: 418,000 SCF AVERAGE RATE: 49.7 BPM MAX RATE: 50.7 BPM AVERAGE PRESSURE: 1,282 PSI MAX PRESSURE: 1,452 PSI MAX SAND CONC: 2.5 PPG DOWNHOLE ISIP: 747 PSI		
RIH W/ WRLN AND SET CBP AT 1840'.		
RIH AND PERF STAGE #3 (FRC) INTERVAL (1804' - 1824') WITH 80 SHOTS, 0.44" DIA, 3-1/8" EEG GUN, 4 SPF 90 DEGREE PHASING.		
ALL SHOTS FIRED.		
POH. R/D WRLN LUBRICATOR.		



Well Operations Summary L48

Well Name: MCCLANAHAN #19E

API: 3004524107

Field: BASIN DAKOTA (PRORATED GAS)

State: NEW MEXICO

Sundry #:

Rig/Service: MESA PRODUCTION

Operation

FRUITLAND COAL STIMULATION: (1804' TO 1824')

FRAC AT 50 BPM W/ 70Q N2 FOAM
TOTAL LOAD: 433 BBLS
SLICKWATER: 409 BBLS
TOTAL ACID: 24 BBLS
TOTAL 100 MESH SAND: 3,059 LBS
TOTAL 40/70 SAND: 37,304 LBS
TOTAL N2: 392,000 SCF
AVERAGE RATE: 50.2 BPM
MAX RATE: 50.8 BPM
AVERAGE PRESSURE: 1,348 PSI
MAX PRESSURE: 1,417 PSI
MAX SAND CONC: 2.5 PPG DOWNHOLE
ISIP: 864 PSI

RIH AND SET CBP AT 1790'. POH. BLEED DOWN 5-1/2" CASING.

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number 6	Report Start Date 8/15/2024	Report End Date 8/15/2024
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Operation

TRAVEL FRPC 19-1. START RIG AND PREPARE FOR RIG MOVE.

MOVE RIG AND SUPPORT EQUIPMENT TO THE MCCLANAHAN 19E.

PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 220 PSI. BH 22 PSI. NO TUBING IN THE HOLE. BH BLEW DOWN IN 10 SECONDS.

RIG UP BLOW DOWN EQUIPMENT. WELL BLEW DOWN IN 15 MINUTES. CONTINUED TO UNLOAD FOAM FOR @ 30-40 MINUTES. MONITORED WELL UNTIL FLOW STOPPED. REMOVED FRAC Y FROM STACK. DRY RODDED TUBING HANGER AND TWO WAY CHECK IN WELLHEAD. ND FRACK STACK. NU BOP. RIG UP WELLCHECK TO DO A CHARTED TEST ON BOP ON PIPE AND BLIND RAMS. 250 PSI LOW FOR 5 MINUTES AND 2600 PSI HIGH FOR 10 MINUTES. TEST GOOD. RIG DOWN WELL CHECK. BOP TEST TOOK LONGER DUE SOME LEAKS.

TALLY. PICK UP AND TRIP IN THE HOLE WITH 4 3/4" JUNK MILL. SIX 3 1/8" DRILL COLLARS. CHANGE OVER AND 2 3/8" TUBING TO A DEPTH OF 1790' AND TAGGED PLUG ON JOINT 51. LAY DOWN TWO JOINTS. PICK UP POWER SWIVEL.

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

TRAVEL TO YARD.

Report Number 7	Report Start Date 8/16/2024	Report End Date 8/16/2024
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Operation

RIG CREW TRAVELED TO LOCATION.

HELD PRE JOB SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 0 PSI. TUBING 0 PSI. BH 10 PSI. BLEW DOWN IN 5 SECONDS.

PICK UP TWO JOINTS OF TUBING. PICK UP SWIVEL. BRING ON AIR FOAM MIST AT 12-13 BBLS PER HOUR. UNLOAD HOLE. DRILL OUT CBP #1 AT 1790'. #2 AT 1840'. CIRCLULATED HOLE CLEAN, STARTED TO DRILL OUT #3 CBP AT 1890'. PRESSURE WENT FROM 500 PSI TO 1500 PSI. TRIED TO GET PRESSURE DOWN. APPEARS WE ARE PLUGGED OF AT OUR BHA. SHUT AIR UNIT DOWN.

TRIP OUT OF THE HOLE WITH 4 3/4" MILL FROM 1890'. FOUND A 3' LONG PICE OF RUBBER ON TOP OF OUR STRING FLOAT. REMOVED RUBBER. TRIP BACK IN TO 3RD PLUG AT 1890'.

RIG UP POWER SWIVEL. BRING ON AIR FOAM MIST AT 12 - 13 BBL PER HOUR. MILL OUT CBP AT 1890'. AT A CIRCULATING PRESSURE OF 400 PSI. AFTER CBP #3 WAS DRILLED. CIRCULATING PRESSURE WENT TO 450 PSI. THEN BACK TO 400 PSI. CIRCULATE HOLE CLEAN. SHUT AIR UNIT DOWN. TRIP IN HOLE TO CBP AT 2000'. ESTABLISH AIR FOAM MIST. MILL OUT CBP AT 2000'. CIRCULATE HOLE CLEAN UNTIL DOWN TO A TRACE OF SAND. SHUT AIR UNIT OFF. TIH TO A DEPTH OF 2145'. THIS IS 185' BELOW TUBING LAND DEPTH. RIG DOWN POWER SWIVEL.

TRIP OUT OF THE HOLE WITH 4 3/4" JUNK MILL.

TRIP IN HOLE WITH 61 JTS 2 3/8" 4.7# J-55 PRODUCTION TBG. LAND TUBING AT A DEPTH OF 1959' AND SEATING NIPPLE LANDED AT A DEPTH OF 1936'. SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 8	Report Start Date 8/17/2024	Report End Date 8/17/2024
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Operation

RIG CREW TRAVELED TO LOCATION.

SAFETY MEETING WITH ALL ON LOCATION. TOOK PRESSURES ON WELL. CASING 165 PSI. TUBING 90 PSI. BH 2 PSI. BLEW WELL DOWN IN 10 MINUTES.

ND BOP NU WH.

BUCKET TEST PUMP GOOD ON SURFACE. TRIP IN HOLE WITH RODS AND PUMP AS FOLLOWS: 1' X 1" DIP TUBE. 2" X 1-1/4" X 11' x 15' RHAC-Z HVR PUMP(HIL 1015). 8' X 3/4" GUIDED PONY ROD. 21K SHEAR TOOL. EIGHT 1 1/4" SINKER BARS. 67 3/4" RODS. 4', 6', 8', X 3/4" PONY RODS. 22' X 1 1/4" POLISH ROD. PUMP SEATED IN SN AT 1936'. EOT @ 1959'. CIBP AT 2870'. LOAD TUBING WITH WATER, TEST TUBING TO 500 PSI, GOOD TEST. BLEED DOWN PRESSURE TO 200 PSI, LONG STROKE PUMP AND TEST FROM 200 PSI TO 500 PSI IN 3 STROKES. BLEED OF PRESSURE. SPACE OUT RODS AND STACK OUT ON WELLHEAD. NO PUMPING UNIT INSTALLED YET. LET AL TECH JAKE STOCTON KNOW ABOUT THE PRESSURE TEST AND PUMP TEST WITH RIG.

SHUT WELL IN. RIG DOWN RIG AND SUPPORT EQUIPMENT. JOB COMPLETE. RIG RELEASED FROM THE MCCLANAHAN 19E. TURN WELL OVER TO FLOW BACK PERSONNEL.

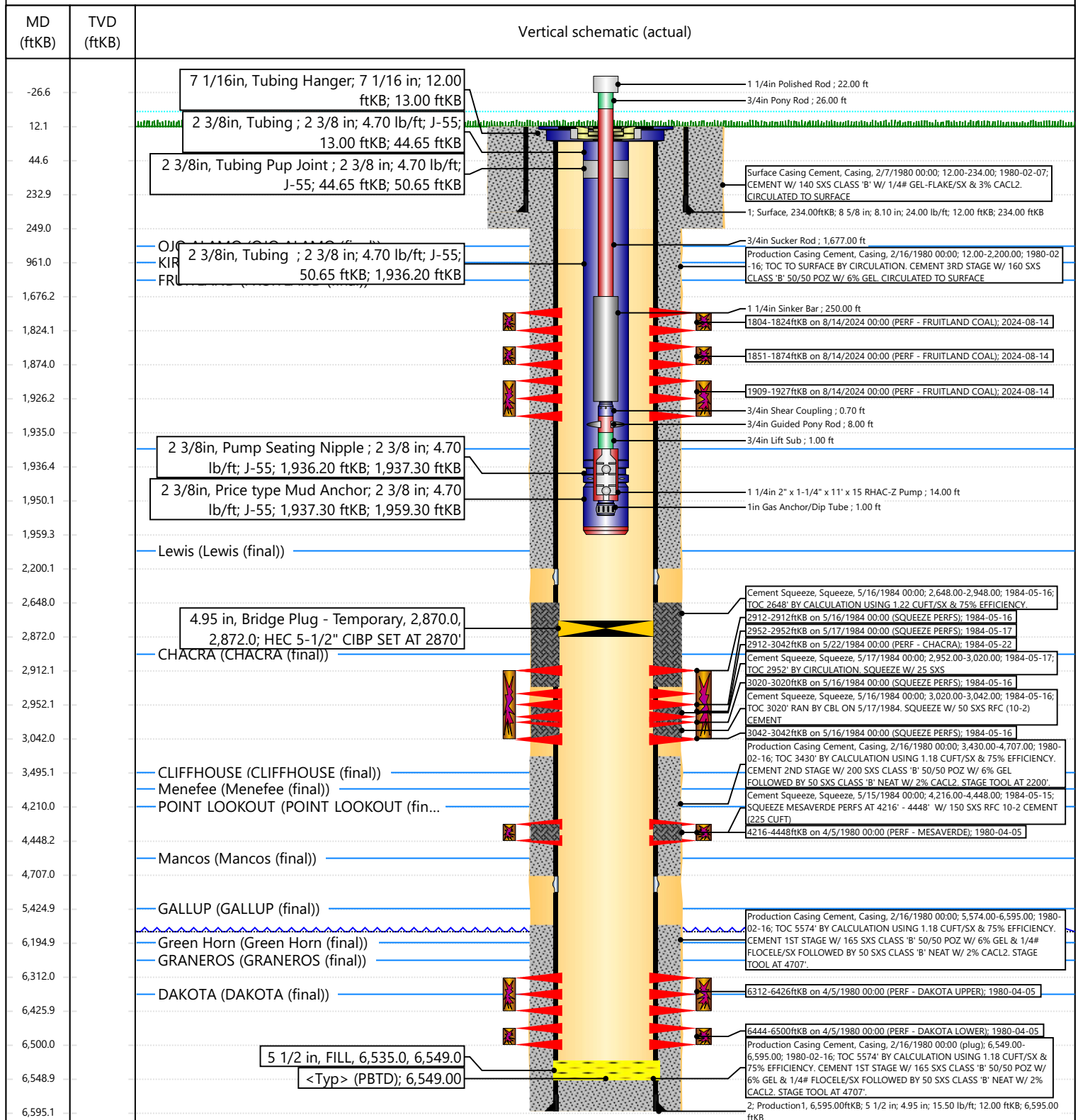


Current Schematic - Version 3

Well Name: MCCLANAHAN #19E

API / UWI 3004524107	Surface Legal Location 014-028N-010W-E	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0707	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,784.00	Original KB/RT Elevation (ft) 5,796.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 8/16/2024 17:00	Set Depth (ftKB) 1,959.30	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 2/7/1980 00:00

Original Hole





NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.state.nm.us/ocd/District III/district.htm](http://emnr.state.nm.us/ocd/District%20III/district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test July 31, 2024 Operator Hilcorp Energy Company API # 30-0 45-24107
Property Name McClanahan Well No. 192 Location: Unit E Section 14 Township 28N Range 10W
Well Status (Shut-In or Producing) Initial PSI: Tubing 0 Intermediate N/A Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	<u>2</u>	<u>0</u>	<u>0</u>		
10 min	<u>0</u>	<u>0</u>	<u>0</u>		
15 min	<u>0</u>	<u>0</u>	<u>0</u>		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	<u>Gas 2 second blowdown</u>
Nothing	
Gas	
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE _____

REMARKS: Opsi - 2 second blowdown, Opsi - 5 min, Opsi - 10 min, Opsi - 15 min
Opsi - after 5 min shut-in. Vapors entire duration of test.

By [Signature]
Well site supervisor
(Position)

Witness Eileen Medrano N11102D

E-mail address _____



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT (TA OR UIC)

Date of Test July 31, 2024 Operator Hilcorp Energy Company API # 30-0415-24107

Property Name McClanahan Well # 19E Location: Unit E Sec 14 Twp 28N Rge 10W

Land Type:

State _____
Federal ☒
Private _____
Indian _____

Well Type:

Water Injection _____
Salt Water Disposal _____
Gas Injection _____
Producing Oil/Gas ☒
Pressure observation _____

Temporarily Abandoned Well (Y/N): _____ TA Expires: _____

Casing Pres. _____ Tbg. SI Pres. _____ Max. Inj. Pres. _____
Bradenhead Pres. _____ Tbg. Inj. Pres. _____
Tubing Pres. _____
Int. Casing Pres. _____

Pressured annulus up to 562 psi. for 53 mins. Test passed/failed

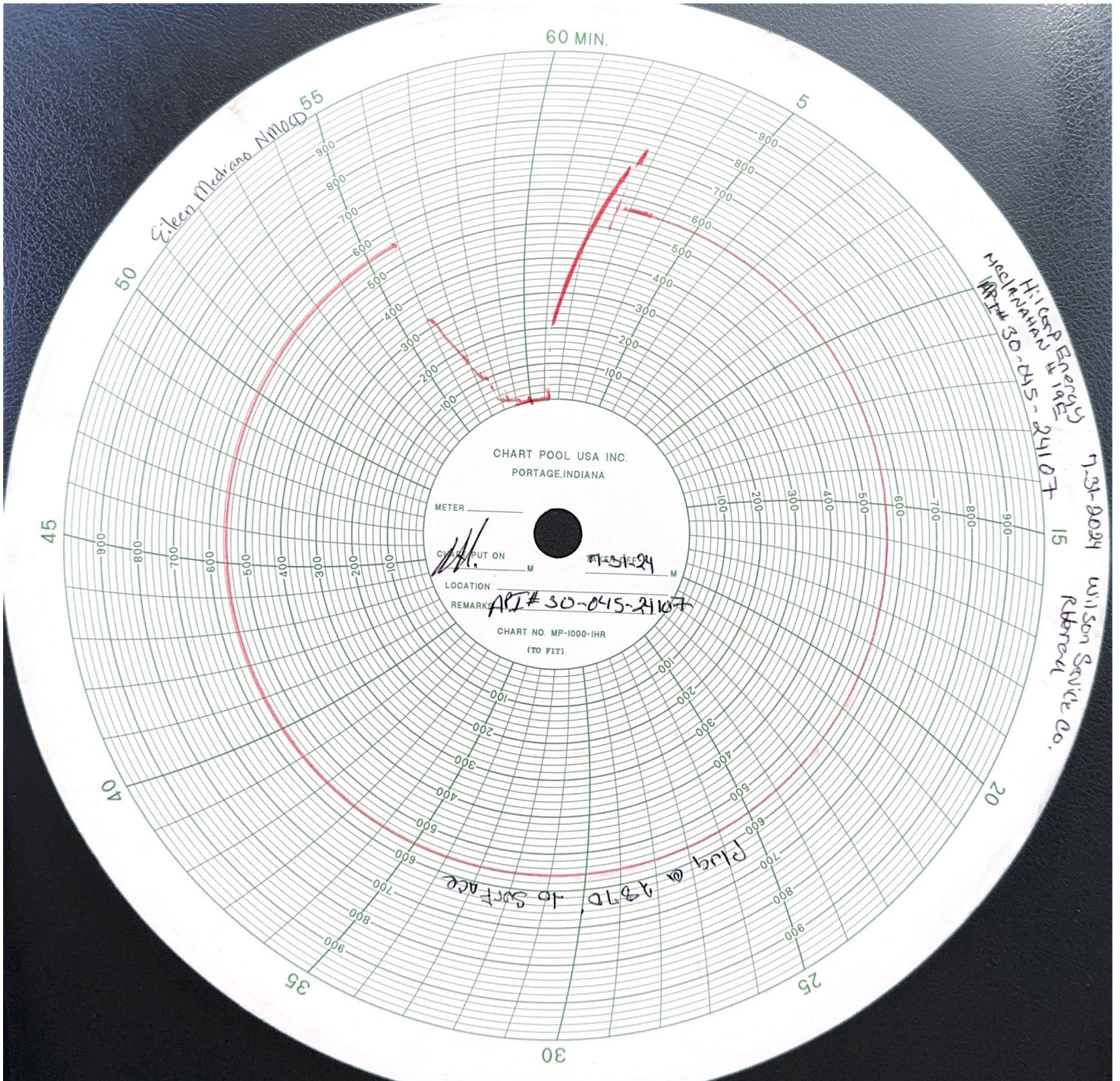
REMARKS: 2870' top perf 2912' 112 feet. 5 1/2 casing 1,000# Spring,
Last Calibration date 6/27/24. Pressured up to 562 psi dropped to 552 psi
held last 10 minutes of test

By [Signature]
(Operator Representative)

Witness Eileen M. drano
(NMOCD)

Wellsite Supervisor
(Position)

Revised 02-11-02



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 384893

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 384893
	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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CONDITIONS

Action 384893

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 384893
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	9/19/2024