

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

**Well Name:** CARSON 32-5-9

**Well Location:** T32N / R5W / SEC 16 /  
NWNE / 32.9871264 / -107.3677452

**County or Parish/State:** RIO  
ARRIBA / NM

**Well Number:** 1H

**Type of Well:** CONVENTIONAL GAS  
WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM130341

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3003931398

**Well Status:** Drilling Well

**Operator:** COLEMAN OIL & GAS  
INCORPORATED

### Subsequent Report

**Sundry ID:** 2753611

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 09/28/2023

**Time Sundry Submitted:** 11:03

**Date Operation Actually Began:** 09/09/2023

**Actual Procedure:** See Attachments for drilling operations, cement job summaries, and casing tests.

### SR Attachments

**PActual Procedure**

Carson\_32\_5\_9\_1H\_7\_INCH\_CASING\_TEST\_\_002\_\_20230928110139.pdf

Carson\_32\_5\_9\_1H\_9.625\_Casing\_test\_20230928110131.pdf

COG\_Drake\_Carson\_32\_5\_9\_1H\_Pilot\_Hole\_Cement\_Report\_20230928110105.pdf

Carson\_32\_5\_9\_1H\_Surface\_Casing\_\_Cement\_report\_20230928110014.pdf

Carson\_32\_5\_9\_1H\_Drilling\_and\_Casing\_Summary\_20230928105836.pdf

Well Name: CARSON 32-5-9

Well Location: T32N / R5W / SEC 16 / NWNE / 32.9871264 / -107.3677452

County or Parish/State: RIO ARRIBA / NM

Well Number: 1H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM130341

Unit or CA Name:

Unit or CA Number:

US Well Number: 3003931398

Well Status: Drilling Well

Operator: COLEMAN OIL & GAS INCORPORATED

**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: NOLAN REDMOND

Signed on: SEP 28, 2023 11:01 AM

Name: COLEMAN OIL & GAS INCORPORATED

Title: Geo/Eng Tech

Street Address: 1801 Broadway ste 1000

City: Denver

State: CO

Phone: (720) 484-2347

Email address: nredmond@catamountep.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: 09/28/2023

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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		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		8. Well Name and No.
3b. Phone No. (include area code)		9. API Well No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		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

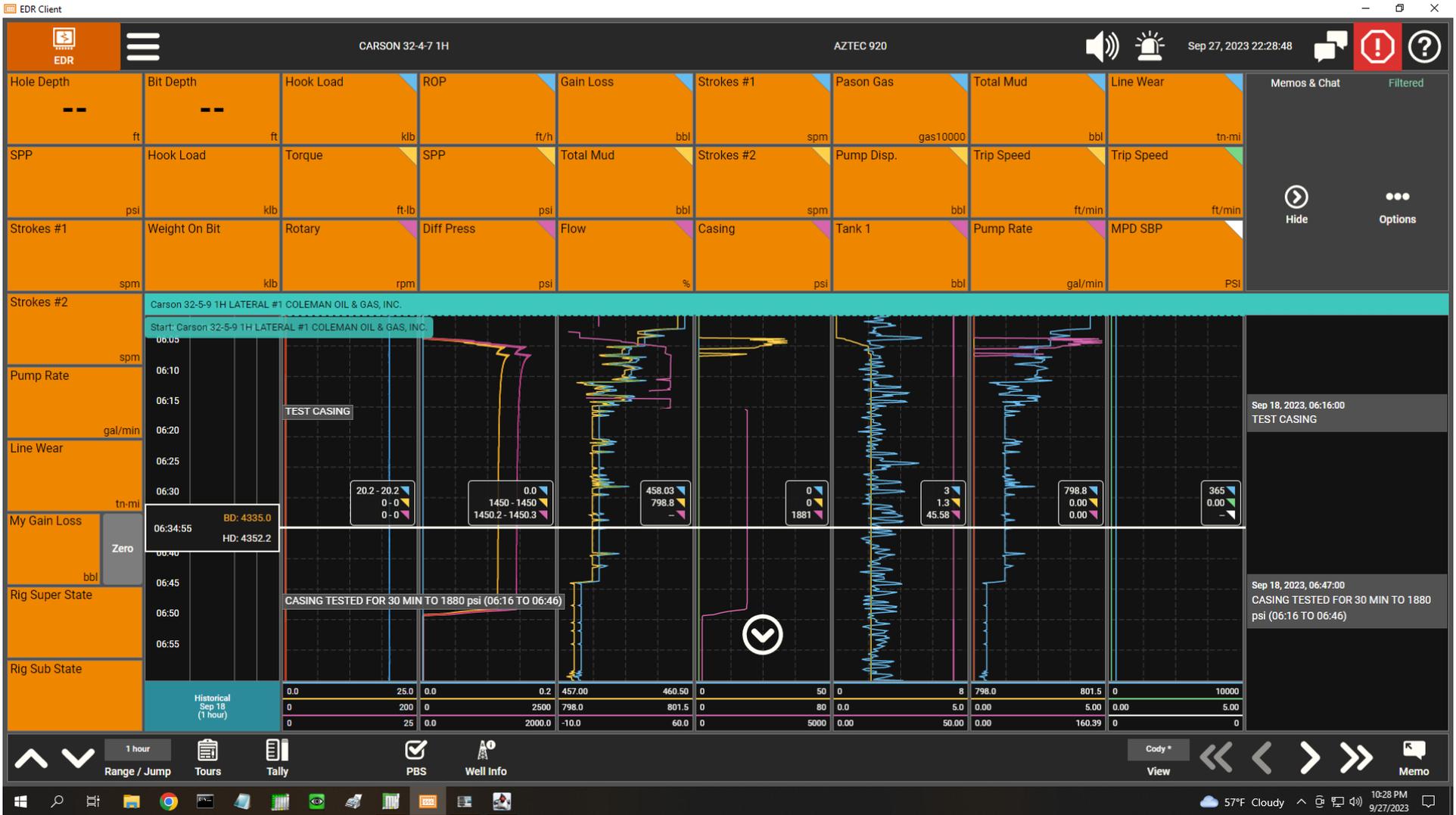
0. SHL: NWNE / 124 FNL / 2626 FEL / TWSP: 32N / RANGE: 5W / SECTION: 16 / LAT: 32.9871264 / LONG: -107.3677452 ( TVD: 0 feet, MD: 0 feet )

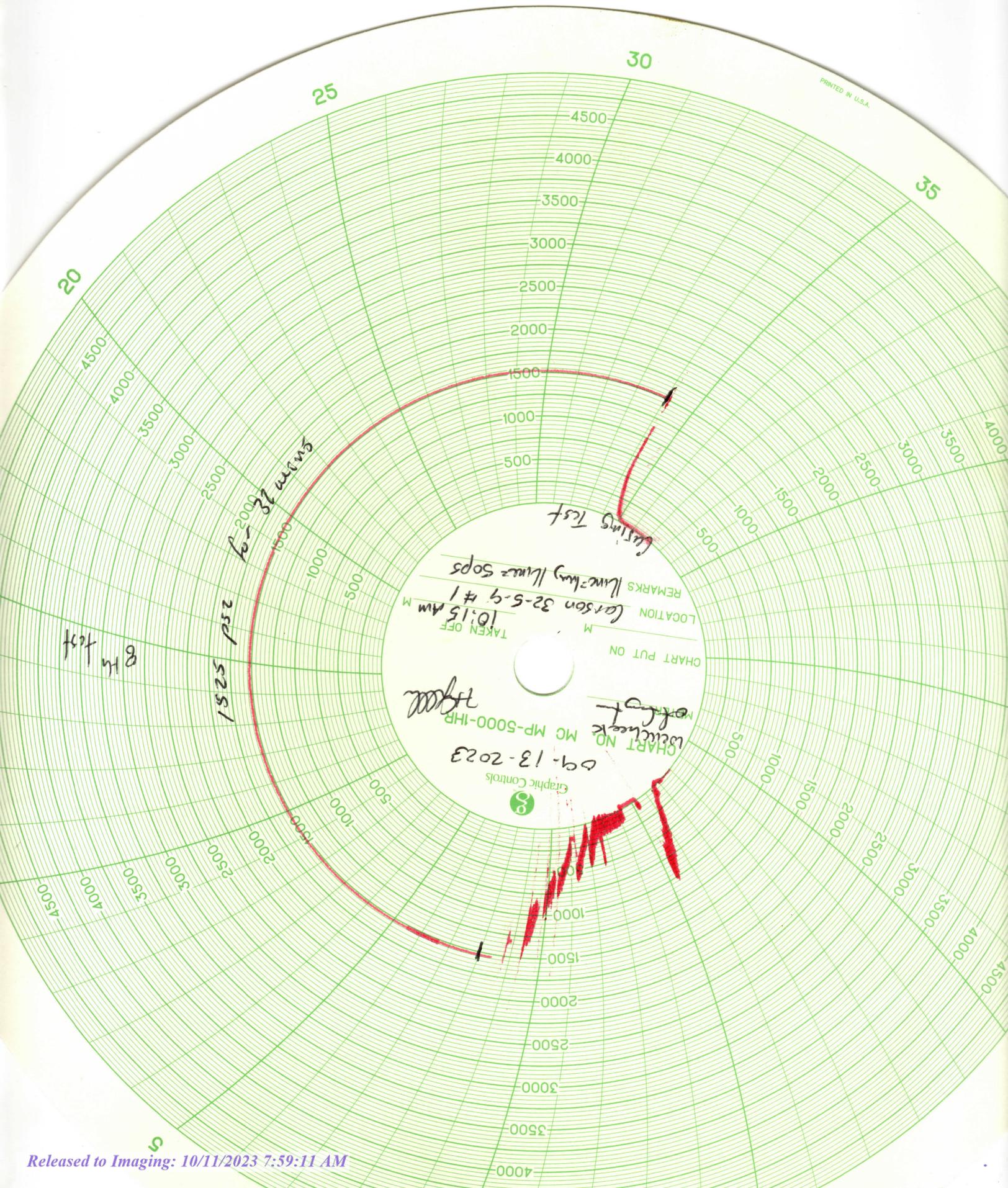
PPP: NWSE / 1346 FSL / 1440 FEL / TWSP: 32N / RANGE: 5W / SECTION: 9 / LAT: 37.9911589 / LONG: -107.3636884 ( TVD: 3588 feet, MD: 5456 feet )

BHL: SWNE / 660 FNL / 1969 FEL / TWSP: 32N / RANGE: 5W / SECTION: 9 / LAT: 36.9983003 / LONG: -107.3655005 ( TVD: 3648 feet, MD: 7284 feet )

PPP: NWSE / 1346 FSL / 1440 FEL / TWSP: 32N / RANGE: 5W / SECTION: 9 / LAT: 36.9911589 / LONG: -107.3636884 ( TVD: 3588 feet, MD: 4798 feet )

BHL: SENE / 660 FNL / 660 FEL / TWSP: 32N / RANGE: 5W / SECTION: 9 / LAT: 36.9982852 / LONG: -107.3610173 ( TVD: 3673 feet, MD: 7041 feet )





# Drake Energy Services

## Treatment Report 1

**Customer:** Coleman Oil and Gas  
**Well Name:** Carson 32-5-9 1H  
**Job Type:** 7in Intermediate  
**State:** NM  
**County:** Rio Arriba  
**API:**  
**Legals:**

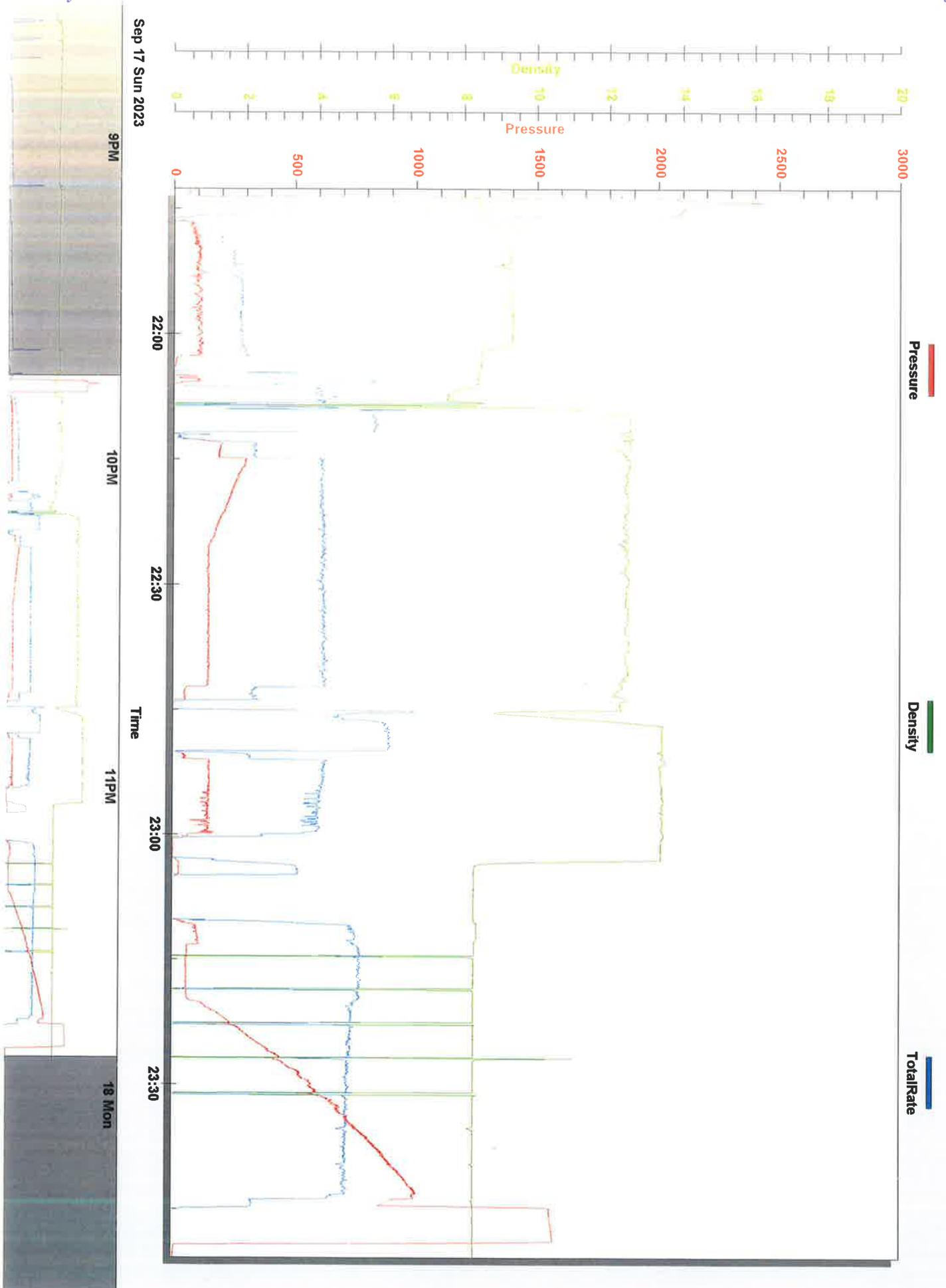
**Drake Energy Services**  
 607 West Pinon Street  
 Farmington NM, 87401  
 Office: (505) 327-7301  
 Fax: (505) 327-7304  
**DATE:** 9/17/2023

<b>OH Size:</b>	Cement	Denisty	Yield	Mix water
<b>Casing Size:</b>	lead	12.5	2.13	11.96
<b>Tubing Size:</b>	tail	13.5	1.71	8.86

Date	Time	Volume of Fluid Pumped	Fluid Type	Pressure	Rate	Event
mm/dd/yy	h:mm	bbls	name	psi	bpm	Description of operation and fluid pumped
9/17/2023	14:30					on location
	14:30					rig crew rih with casing
	17:45					rig up
	18:00					rig circulating mud/mix spacer
	19:40					safety meeting
	20:40					test lines 2500psi
	20:45		spacer	114	2	pump 9.5# stop loss spacer
	21:03					bm 12.5# lead cement
	21:13		cement	261	4	pump 137bbl lead cement
	21:47					bm 13.5# tail cement
	21:51		cement	150	4.2	pump 44bbl tail cement
	22:05					drop plug
	22:10		water	60	5.2	displace 164bbl water
	22:45					bump plug 1563psi
	22:48					check float .5bbl return
						pumped 30 bbl 9.5# stop loss spacer
						34bbl cement return to surface
						last rate and pressure 4.5bpm @1000psi
<b>TOTAL:</b>	13:32	0				

Supervisor Signature

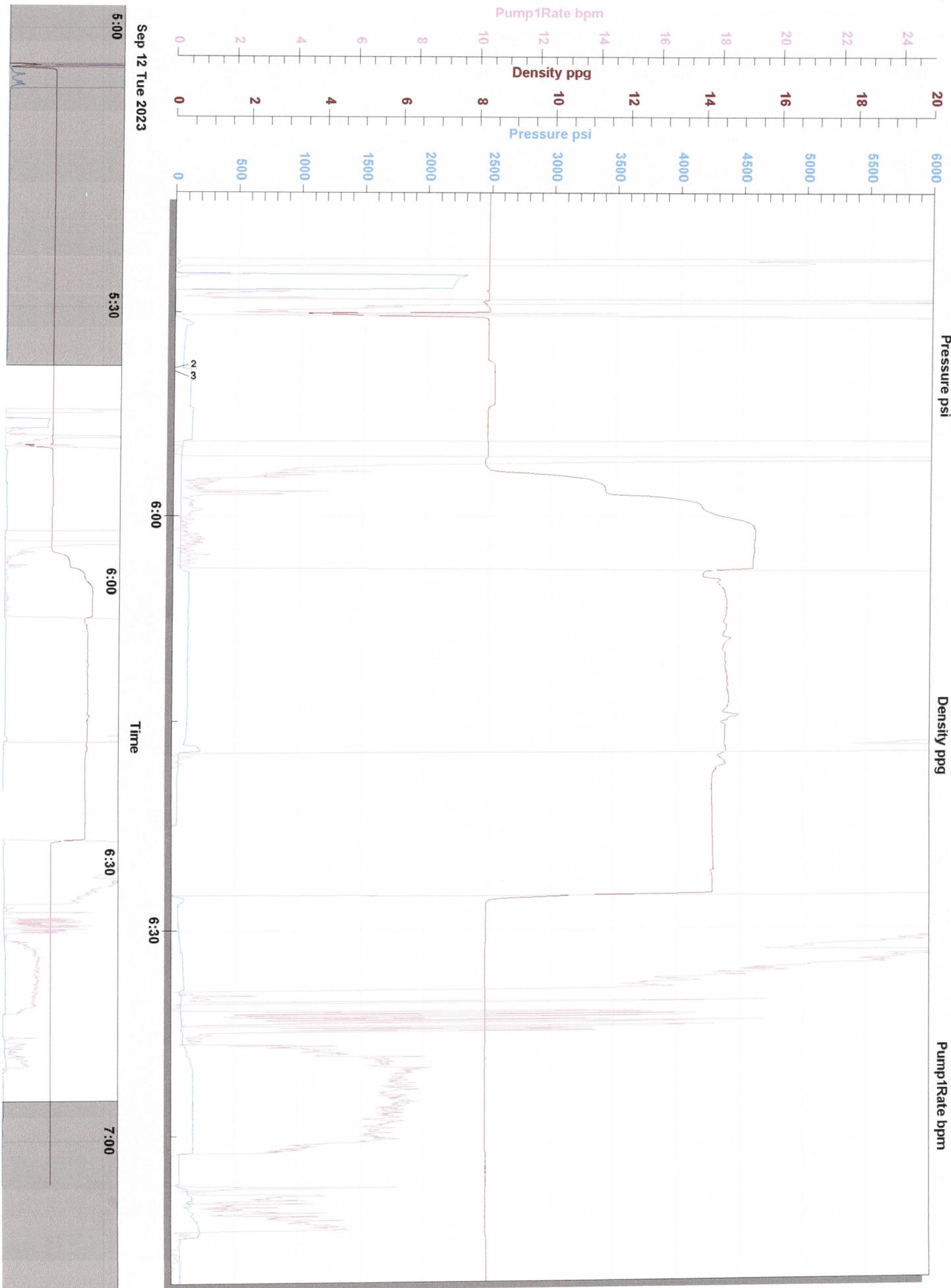




		Casing Tally Sheet					Casing String:	Surface
		OPERATOR / RIG:		Coleman Oil & Gas			AD#920	
		WELL NAME / API#:		Carson 32-5-9 1H / 30-039-31398				
Csg Land Depth	334.0	DRILLED DEPTH	337.0	CASING LENGTH	338.57	Float Collar Depth	290.00	September 12, 2023
CSG SIZE	CSG WEIGHT	CASING GRADE	THREAD TYPE	RANGE	STICK UP ABOVE TABLE	Centralize	OPTIMUM TORQUE	MAXIMUM TORQUE
9.625"	36 PPF	J-55	LTC	3	4.57		2000	3180.0
JOINT NO.	LENGTH	BOTTOM	TOP	IN/OUT	TOTAL LENGTH	COMMENTS		
Shoe	1.85	334.00	332.15	IN	1.85			
1	40.75	332.15	291.40	IN	42.60	4 Blade Bow	w/stop ring	
Float Collar	1.40	291.40	290.00	IN	44.00			
2	41.53	290.00	248.47	IN	85.53	4 Blade Bow		
3	41.46	248.47	207.01	IN	126.99	4 Blade Bow		
4	39.44	207.01	167.57	IN	166.43	4 Blade Bow		
5	41.63	167.57	125.94	IN	208.06	4 Blade Bow		
6	41.51	125.94	84.43	IN	249.57	4 Blade Bow		
7	36.40	84.43	48.03	IN	285.97	4 Blade Bow		
8	33.92	48.03	14.11	IN	319.89			
9	18.68	14.11	-4.57	IN	338.57			
10				IN				
11				IN				
12				IN				
13				IN				
14				IN				
15				IN				
16				IN				
17				IN				
18				IN				
19				IN				
20				IN				
21				IN				
22				IN				
23				IN				
24				IN				
25				IN				
26				IN				
27				IN				



# Carson 32-5-9 1H



Carson 32-5-9 1H  
30-039-31398

**Surface Hole Spud and Casing:**

9/9/2023-9/10/2023: MIRU Aztec 920 drilling rig

9/11/2023: Spud well, Drilled 12 1/4" hole to 337'.

9/12/2023: Ran 334' 9 5/8" 36# J55 casing, Cement Surface Casing. Pumped 39 Bbls (100% Access) 14.6 Ppg Type III Blend, 1.39 Yield, 157 Sx, 6.68 Gal/Sx Lead Cement. Drop Plug At 05:27 Hrs

9/12/2023, Displace W/ 24 Bbls Fresh Water. Plug did not bump at calculated displacement of 22.5, pumped additional 1.5 bbl. and no bump, Floats Held. Full Returns, Approx 12 Bbls Cement Back To Surface. Wait on cement, install wellhead, Nipple up BOPs

9/13/2023: Test BOPs. Test Blinds Check Valve And Outer Manifold Valves to 2,000 psi high for 10 min, 250 psi low for 5 min. Test Annular to 350 psi low for 5 min. and 2,500 psi high for 10 min. Test Choke Manifold to 350 psi low for 5 min. and 2,000 psi high for 10 min. Test floor valves to 350 psi low for 5 min. and 2,000 psi high for 10 min. Test Surface Casing to 1,500 psi for 30 min.

**Pilot Hole:**

9/13/2023: P/U directional tools, begin drilling Pilot Hole.

9/14/2023: Continue drilling Pilot Hole

9/15/2023: TD Pilot Hole @ 4352'. TOOH, L/D directional tools, perform wiper trip

9/16/2023: Continue wiper trip

9/17/2023: Run 7" 26# J-55 LTC casing to 4,335'. Cement as follows: HPJSM W/ Rig Crew And Drake Cementers. R/U Cementers Same, Test Lines To 2500 Psi, Pumped 30 Bbls 9.5 Ppg Stop Loss Spacer. Shut Down, Batch Up Cement. Pumped 137 Bbls (60% Access) 12.5 Ppg Type III Blend, 2.13 Yield, 362 Sx, 11.95 Gal/Sx Lead Cement. Pumped 44 Bbls (40% Access) 13.5 Ppg Type III Blend, 1.71 Yield, 144 Sx, 8.86 Gal/Sx Tail Cement. 34 Bbls Cement To Surface. Drop Plug At 22:10 Hrs, Displace W/ 164 Bbls Fresh Water. Bumped Plug At 22:45 Hrs W/ 500 Psi, Over 1036 FCP. Bleed Back 1/2 Bbls. Floats Held. Full Returns, 34 Bbls Cement Back To Surface.

9/18/2023: Wait on Cement, run GR/CCL log. Test Intermediate Casing To 1880 Psi 30 Min Test.

**Lateral Drilling:**

9/18/2023: Set plug for Whipstock #1 @ 3860'. Mill window #1, TOW @ 3837, BOW @ 3845.

9/19/2023-9/20/2023: Drill Lateral #1 from 3849-7749.

9/21/2023: Run Lateral 1 Liner: 4.5", 11.6#, Range 3, 8-Rnd P-110 Casing, Top of liner @ 3853, Bottom of liner @ 7731. Set RBP for Whipstock #2 @ 3816. Mill window for Lateral #2, Top of window @ 3797, Bottom of Window @ 3805.

9/22/2023-9/23/2023: Drill Lateral #2 from 3809-7058. Run 4.5", 11.6#, Range 3, J-55, LTC Casing. Top of liner @ 3813, Bottom of Liner @ 7038

9/24/2023: Set RBP for whipstock #3 @ 3773. Mill window for Lateral #3, Top of Window 3753, Bottom of window 3761.

9/24/2023-9/26/2023: Drill Lateral #3 from 3765-7779. Run liner for Lateral #3, 4.5", 11.6#, Range 3, J-55, LTC Casing. Top of liner 3769, Bottom of Liner 7761.

9/27/2023: Set RBP # 3500'. Test RBP to 1500 psi for 30 minutes. Begin RDMO

**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**

CONDITIONS

Action 270726

**CONDITIONS**

Operator: COLEMAN OIL & GAS INC P.O. Drawer 3337 Farmington, NM 87499	OGRID: 4838
	Action Number: 270726
	Action Type: [C-103] Sub. Drilling (C-103N)

**CONDITIONS**

Created By	Condition	Condition Date
kelly.roberts	None	10/11/2023