

Well Name: CARSON 32-5-28	Well Location: T32N / R5W / SEC 28 / SWSE / 36.9453464 / -107.3677562	County or Parish/State: RIO ARRIBA / NM
Well Number: 1H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM130343	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003931436	Operator: COLEMAN OIL & GAS INCORPORATED	

Subsequent Report

Sundry ID: 2813387

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 09/24/2024	Time Sundry Submitted: 04:09
Date Operation Actually Began: 09/03/2024	

Actual Procedure: See attachment for intermediate and lateral drilling operations.

SR Attachments

PActual Procedure

Carson_32_5_28_1H_Drilling_and_Casing_Summary_20240924160850.pdf

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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 24, 2024 04:08 PM
Name: COLEMAN OIL & GAS INCORPORATED	
Title: Geo/Eng Tech	
Street Address: 600 17TH STREET SUITE 600S	
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: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 09/26/2024
Signature: Matthew Kade	

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.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	
11. Country or Parish, State	

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well		
<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
2. Name of Operator		
3a. Address	3b. Phone No. (include area code)	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		

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 recompleate 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 perfonned 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 recompleation 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 detennined 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: SWSE / 475 FSL / 2640 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9453464 / LONG: -107.3677562 (TVD: 0 feet, MD: 0 feet)
PPP: SESE / 745 FSL / 1304 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9460899 / LONG: -107.3631836 (TVD: 3496 feet, MD: 3967 feet)
PPP: SESE / 1062 FSL / 1101 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9469623 / LONG: -107.3624896 (TVD: 3690 feet, MD: 4360 feet)
BHL: NENE / 660 FNL / 660 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9567009 / LONG: -107.3609879 (TVD: 3667 feet, MD: 8084 feet)
PPP: SESE / 726 FSL / 1305 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9460395 / LONG: -107.3631878 (TVD: 3472 feet, MD: 3937 feet)
PPP: SWSE / 1077 FSL / 1503 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9470026 / LONG: -107.3638652 (TVD: 3690 feet, MD: 4360 feet)
BHL: NWNE / 660 FNL / 1978 FEL / TWSP: 32N / RANGE: 5W / SECTION: 28 / LAT: 36.9567086 / LONG: -107.3654991 (TVD: 3667 feet, MD: 8085 feet)

Carson 32-5-28 1H
30-039-31436

Surface Hole Spud and Casing:

8/15/2024: Move in rig up Mote drilling. Spud well with 12 ¼" bit, drill to 20', shut down for night

8/16/2024: Drill 12 ¼" hole to 323'. Run casing as follows: Float shoe (1.78) 2 jt 9 5/8" 36# J55 LTC casing (37.14'), float collar (1.36'), 14 jts 9 5/8" 36# J55 LTC casing (277.67'), Casing set at 317.95', float collar at 277.67'. Cement as follows: Pressure test lines 1000 psi, Pump 10 bbls FW spacer, 10 bbls mud clean, 10 bbls FW spacer, 136 sks (93.1 bbls) type 3 cement @ 14.6 ppg, 1.38 yield, 6.65 gps, drop plug and displace with 21.47 bbls FW, FCP 330 psi at 3 bbls/min, bump plug at 680 psi, check floats (Held), 16 bbls cement to surface. Bump plug @ 17:21 on 8/16/24, bleed back 1/4 bbl to truck, rig down and move off cement equipment. Rig down move out MOTE. BLM representative on location to witness casing run and cement.

Pilot Hole:

9/3/2024-9/5/2024: MIRU Aztec 1099

9/5/2024-9/6/2024: Test BOPE and 9 5/8" Surface casing to 1500 psi for 30 minutes, good test. P/U directional tools, begin drilling 8 ¾" Pilot Hole.

9/7/2024: Continue drilling 8 ¾" Pilot Hole

9/8/2024: TD 8 ¾" Pilot Hole @ 4445'. TOOH, L/D directional tools, perform wiper trip

9/9/2024: Finish wiper trip, run 7" 26# J-55 LTC casing to 4,430'.

9/10/2024: Finish running casing, Cement as follows: HPJSM w/ Rig Crew And Drake Cementers. Test Lines To 4,200 Psi, Pumped 30 bbls 8.7# ppg Stop Loss Spacer. Shut Down, Batch Up Cement. Pumped 145 bbl 12.5# Type III Blend, 2.15 Yield, 380 Sx, 12.06 Gal/Sx Lead Cement. Pumped 44 bbl 13.5# Type III Blend, 1.71 Yield, 145 Sx, 8.88 Gal/Sx. Drop Plug at 09:10hrs, Displace w/ 168 bbls Freshwater. Bumped Plug At 09:46 hrs w/ 500 psi over 1400 FCP. Bled Back 1/2 bbls. Floats Held. 63 bbls Cement Back To Surface. Wait on Cement, run GR/CCL/CNL log. Test Intermediate Casing To 1500 Psi for 30 Min, good test.

Lateral Drilling:

9/10/2024: Set plug for Whipstock #1 @ 4021'.

9/11/2024: Mill window #1, TOW @ 3998, BOW @ 4006. Begin drilling Lateral #1

9/12/2024: Drill Lateral 1 to 4958', began having hole problems, start TOOH

9/13/2024: Became stuck while TOOH, drill string twisted off. Fish left in hole: 5 stands drill pipe & directional BHA. Estimated top of fish 4370, bottom of fish 4822. Attempted to retrieve fish, unsuccessful. Obtained permission to sidetrack from BLM/NMOCD to replace Lateral 1 with Lateral 1 ST 1.

9/14/2024: Set new bridge plug @ 3977. Mill window for Lateral 1 ST 1, TOW 3955, BOW 3963

9/15/2024-9/16/2024: Drill Lateral 1 ST 1 to 7208, hole began packing off, TOOH to run liner

9/17/2024: Run 4 ½" 11.6# J55 pre perforated liner, Set BOL @ 7032, TOL @ 3971. Set RBP for Lateral 2 @ 3934

9/18/2024: Mill window for Lateral 2, TOW 3918, BOW 3926. Begin drilling Lateral 2

9/19/2024: Drill Lateral 2

9/20/2024: Drill Lateral 2 to TD @ 7994. TOOH to run liner

9/21/2024: Run 4 ½" 11.6# J55 pre perforated liner, Set TOL @ 3934, BOL @ 7984. TOOH, set RBP @ 3750. Test RBP to 1500 psi for 30 min, good test

9/22/2024-9/23/2024: RDMO Aztec 1099.



Treatment Report 1

Customer:	Coleman Oil and Gas
Well Name:	Carson 34-5-25 #1H
Job Type:	9 5/8
State:	New Mexico
County:	Rio Arriba
API:	30-039-31436
Legals:	

Drake Energy Services
607 West Pinon Street
Farmington NM, 87401
Office: (505) 327-7301
Fax: (505) 327-7304
DATE: 8/16/2024

OH Size: 12.25"
Casing Size: 9 5/8"
Tubing Size:

Cmt	PPG	Yield	GPS
Type III	14.6	1.38	6.65

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
8/16/2024	3:00					Arrive @ Location
	3:15					Spot in Equipment
	3:59					St Safety Meeting
	4:12		fresh h2o	1000	0.5	PSI test 1000
	4:15		fresh h2o	87	3.5	ST 10 fresh h2o
	4:18		mud	90	4	ST 10 mud clean
	4:21		fresh h2o	86	3.4	ST 10 fresh h2o
	4:30					ST BM CMT @ 14.6#
	4:44		cmt	8	1.6	ST 33bbls cmt @ 14.6 136sk
	5:03					Shut down drop plug
	5:06		fresh h2o	30	3	St 21.4bbls displacement
	5:07					5bbls away got cmt back
	5:21					21 bbls slow down rate, bump plug @ 330
						21.4bbls away, inicial psi 680psi
						16.4bbls cmt back
	5:25					bleed off 1/4 bbl back
						rig down wash up
TOTAL:	14:36	0				

Supervisor Signature

Chris Dan



Treatment Report 1

Customer: Coleman oil and gas
Well Name: Carson 34-5-28 #1H
Job Type: 7" Intermediate
State: New Mexico
County: Rio Arriba
API: 30-039-31436
Legals:

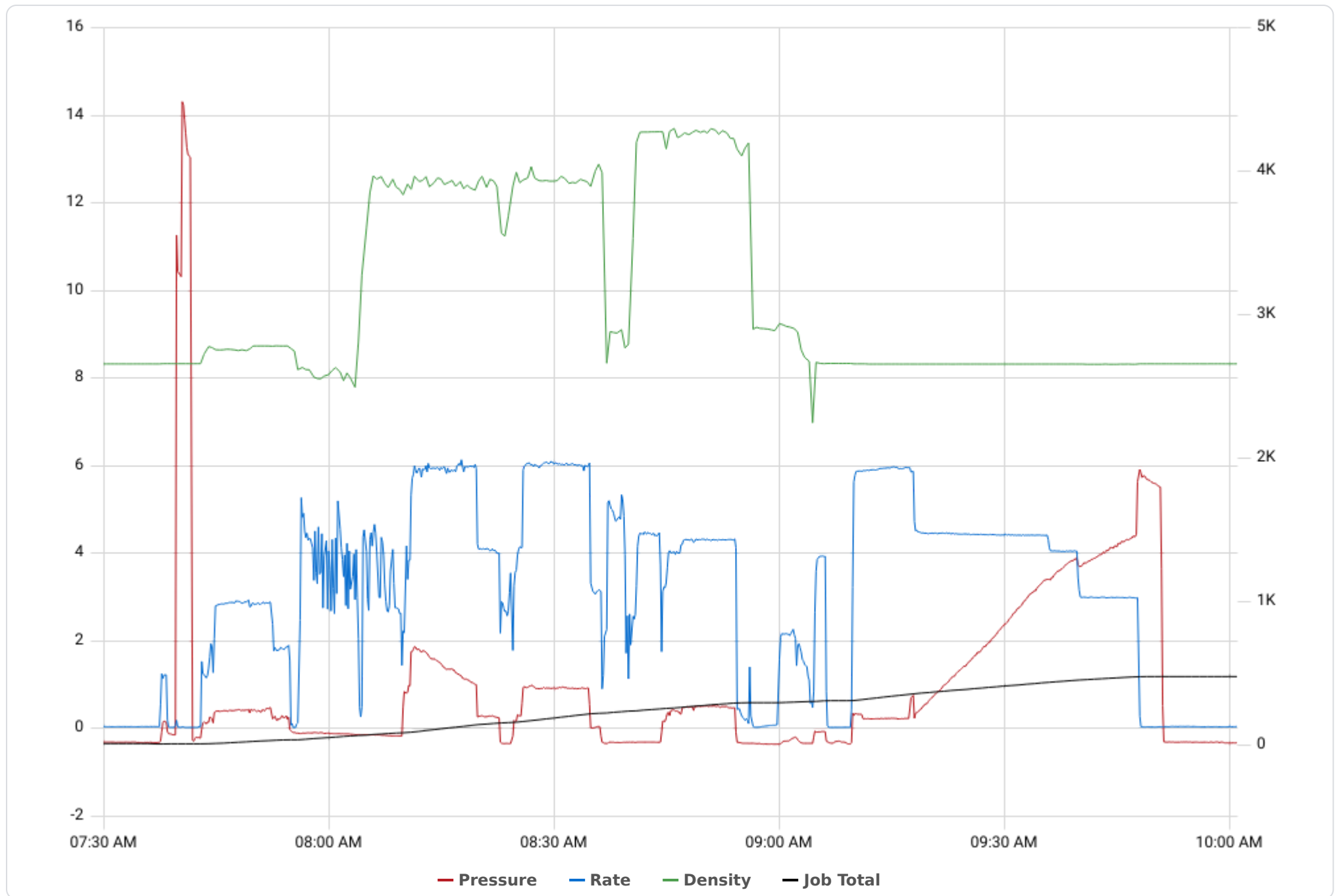
Drake Energy Services
 607 West Pinon Street
 Farmington NM, 87401
 Office: (505) 327-7301
 Fax: (505) 327-7304
DATE: 9/10/2024

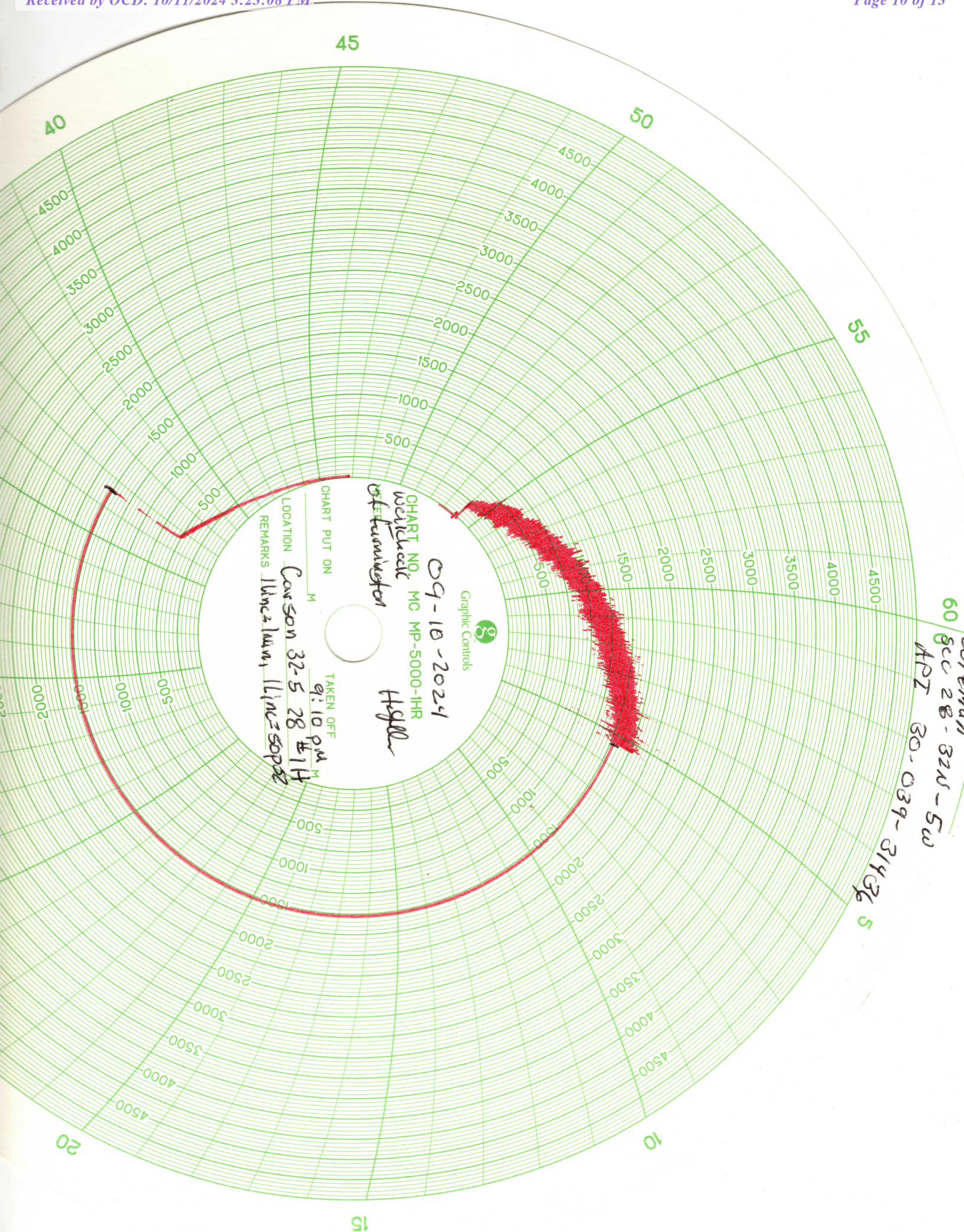
OH Size: 8 3/4
Casing Size: 7"
Tubing Size:

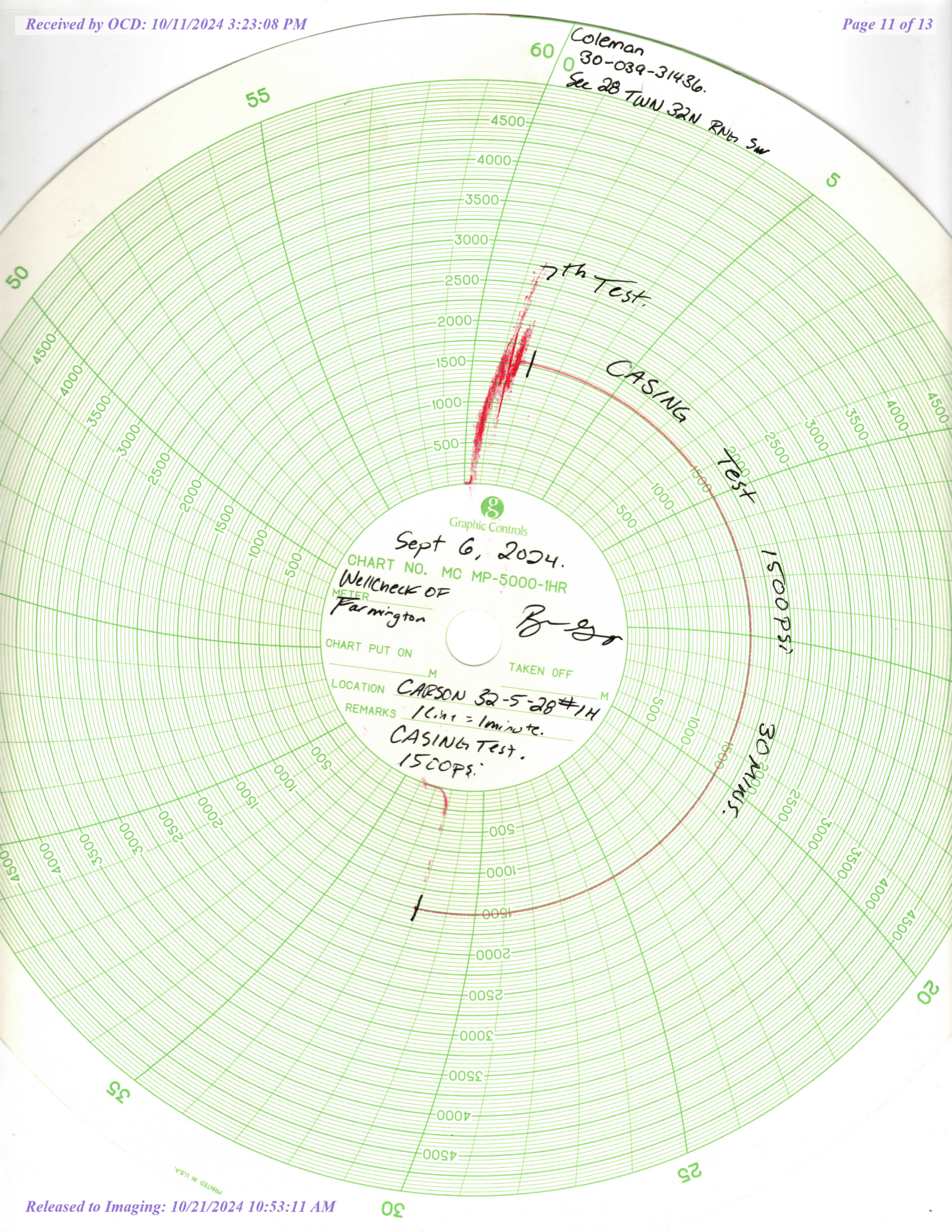
Cement	Denisty	Yield	Mix water
380	12.5	2.15	12.06

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
9/9/2024	21:30					arrive on location
	22:00					spot equipment/ wait on rig
9/10/2024	4:00					rig up equipment
	7:00					safety meeting
	7:40		H2O	4200		pressure test 4200psi
	7:47		SPACER	130	2	st:30bbls stoploss spacer
	7:58					shut down; batch cmt @12.5
	8:13		CMT	655	6	st:145 bbls/380 sks cmnt @12.5
	8:40					shut down; batch up cmt @13.5
	8:46		CMT	230	4	st:44bbls/ 145 sks cmt @13.5
	8:57		H2O			shut down wash pump and lines
	9:10		H2O			drop top rubber plug
	9:12		H2O	206	6	st:167.8bblsdisplace
	9:20		H2O	230	4.5	caught plug w 48bbls gone
	9:51		H2O	1420	3	pressure prior to plug down
	9:51		H2O	1870	0	bump plug @1870
	9:54		H2O			check float held .75bbls back
						wash up
						cmt return to pit 63
						thanks for the job
						Lead Cmt 380 sacks/2.15 y/12.06 GPS
						Tail Cmt 145 sacks/1.71 y/8.88 GPS
TOTAL:	1:49	0				

Supervisor Signature _____





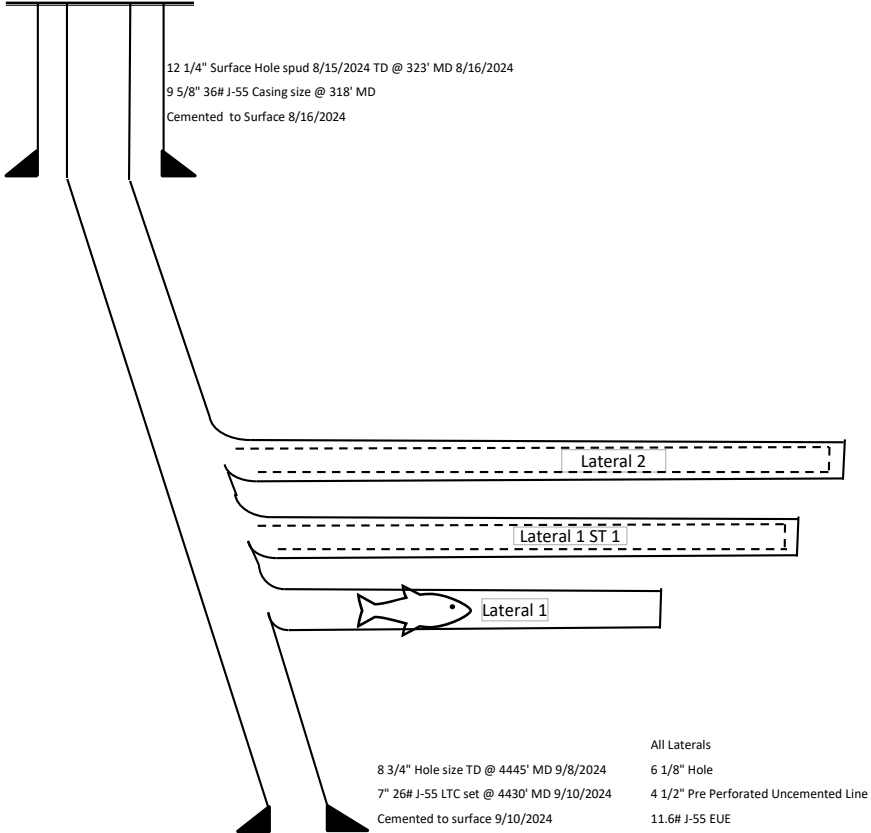


Carson 32-5-28 1H

Lateral WBD

DRAWING NOT TO SCALE

State: New Mexico
County: Rio Arriba
API: 30-039-31436
GL: 6951
KB: 6968



Well/Lateral Name	Top of Window	Base Of Window	Bridge Plug	KOP Method	KOP (MD)	KOP (TVD)	Total Depth		Liner Bottom	Liner Top	Perfs	Last Take Point	BHL	Notes
							First Take Point	TD (MD)	TD (TVD)					
Pilot Hole	N/A	N/A	N/A	Bent housing	375	375	N/A*	4445.0	3855.0	N/A	N/A		1021 FSL & 1350 FEL	BHL in S28 T32N R5W
Lateral 1	3998.0	4006.0		Whip stock	4006	3492		4958.0	3677.0	N/A	N/A		1510 FSL & 838 FEL	Left fish in hole, 4370-4822
Lateral 1 ST 1	3955.0	3963.0		Whip stock	3963	3457	1107 FSL & 1211 FEL S28 T32N R5W	7208.0	3648.0	7032.0	3971.0	4394-7030	1449 FNL & 689 FEL	BHL in S28 T32N R5W
Lateral 2	3918.0	3926.0		Whip stock	3926	3427	1210 FSL & 1483 FEL S28 T32N R5W	7994.0	3630.0	7989.0	3936.0	4483-7982	693 FNL & 1931 FEL	BHL in S28 T32N R5W

*No Perfs in Pilot Hole

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 392095

CONDITIONS

Operator: COLEMAN OIL & GAS INC P.O. Drawer 3337 Farmington, NM 87499	OGRID: 4838
	Action Number: 392095
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
sarah.clelland	None	10/16/2024