



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

Well Completion Print

05/08/2023

Operator Name MARATHON OIL PERMIAN LLC SHL SENW Sec 14 25S 34E	Well Name ENDER WIGGINS 14 WXY FED COM County LEA	Well Number 6H State NM	US Well Number 3002546597 Lease Number(s) NMNM113419
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name ENDER WIGGINS FEDERAL COM 25 34 14	Well Pad Number 289-9	ID 10400029608

Section 1 - General

Well Completion Report Id: 86831

Submission Date: 12-14-2022

BLM Office: Carlsbad Field Office

User: ADRIAN COVARRUBIAS

Title: regulatory Compliance

Federal/Indian: FEDERAL

Lease Number: NMNM113419

Lease Acres:

Agreement in place?: NO

Federal or Indian Agreement:

Agreement Number:

Agreement Name:

Keep this Well Completion Report confidential?:

APD Operator: MARATHON OIL
PERMIAN LLC

Section 2 - Well

Field/Pool or Exploratory:

Pool Name: Wolfcamp

Field Name: Pitchfork Ranch

Well Type: OIL WELL

Spud Date: 04-10-2022

Date Total Measured Depth Reached: 05-19-2022

Drill & Abandon or Ready To Produce: READY TO

Well Class: HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
LAMAR	SHALE		-2054	5386	5404	OTHER	Brine
BELL CANYON	SANDSTONE, SHALE		-2084	5416	5434	NATURAL GAS, OIL	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
CHERRY CANYON	OTHER, SANDSTONE	Carbonate	-3195	6527	6548	NATURAL GAS, OIL	
BRUSHY CANYON	OTHER, SANDSTONE	Carbonate	-4645	7977	8001	NATURAL GAS, OIL	
BONE SPRING	OTHER, SANDSTONE	Carbonate	-5983	9315	9338	NATURAL GAS, OIL	
BONE SPRING 1ST	OTHER, SANDSTONE	Carbonates	-6903	10235	10260	NATURAL GAS, OIL	
BONE SPRING 2ND	OTHER, SANDSTONE	Carbonates	-7557	10889	10914	NATURAL GAS, OIL	
BONE SPRING 3RD	OTHER, SANDSTONE	Carbonates	-8540	11872	11897	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE, SHALE		-9138	12470	12517	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM113419	NMNM113419	NEW		POW	10-13-2022	10-12-2022	WOLFCA MP	12770	20067	Y	.41	720	OPEN

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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totie Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	446587	18256774	

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			FLows FROM WELL		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	10/25/2022	24	1609	2827	2428	1756	38/64			1302

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Well Location

Survey Type: RECTANGULAR

Survey Number: R3816

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Amplification
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1310123	-103.4436863	3332	N/A	N/A	FEE	FEE				2451	FNL	1735	FWL	25S	34E	14	SEI
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1307694	-103.4421532	-8768	12122	12100	FEE	FEE				2538	FNL	2210	FWL	25S	34E	14	SEI
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1449993	-103.4421515	-9335	17634	12667	FEDERAL	NMNM 108476				2639	FSL	2215	FWL	25S	34E	11	SEI
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	LEA	32.1377448	-103.4422824	-9287	14993	12619	FEDERAL	NMNM 113419				0	FSL	2173	FWL	25S	34E	11	SEI
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1316433	-103.4421774	-9248	12770	12580	FEE	FEE				2220	FNL	2203	FWL	25S	34E	14	SEI
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1516727	-103.4424184	-9342	20067	12674	FEDERAL	NMNM 108476				212	FNL	2133	FWL	25S	34E	11	NEI
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1518506	-103.4424265	-9348	20132	12680	FEDERAL	NMNM 108476				147	FNL	2131	FWL	25S	34E	11	NEI

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Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1170	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	12002	9.625	40	P-110		BUTT		
00	PRODUCTION	8.75	0	20117	5.5	23	P-110		OTHER	TLW	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	495	2.14	0	CLASS A	235	1.32		243.9
00	INTERMEDIATE		Class C	1380	4.71	0	Class C	230	1.39		1214.6
00	PRODUCTION		Class H	1950	1.49	0					517.5

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Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: MARATHON OIL PERMIAN LLC

Signed By: ADRIAN COVARRUBIAS

Title: regulatory Compliance
Representative

Signed on: 12/14/2022

Street Address: 990 TOWN & COUNTRY BLVD

City: HOUSTON

State: TX

Zip: 77024

Phone: (713)296-3368

Email address: acovarrubias@marathonoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Operator Name MARATHON OIL PERMIAN LLC SHL SENW Sec 14 25S 34E	Well Name ENDER WIGGINS 14 WXY FED COM County LEA	Well Number 6H State NM	US Well Number 3002546597 Lease Number(s) NMNM113419
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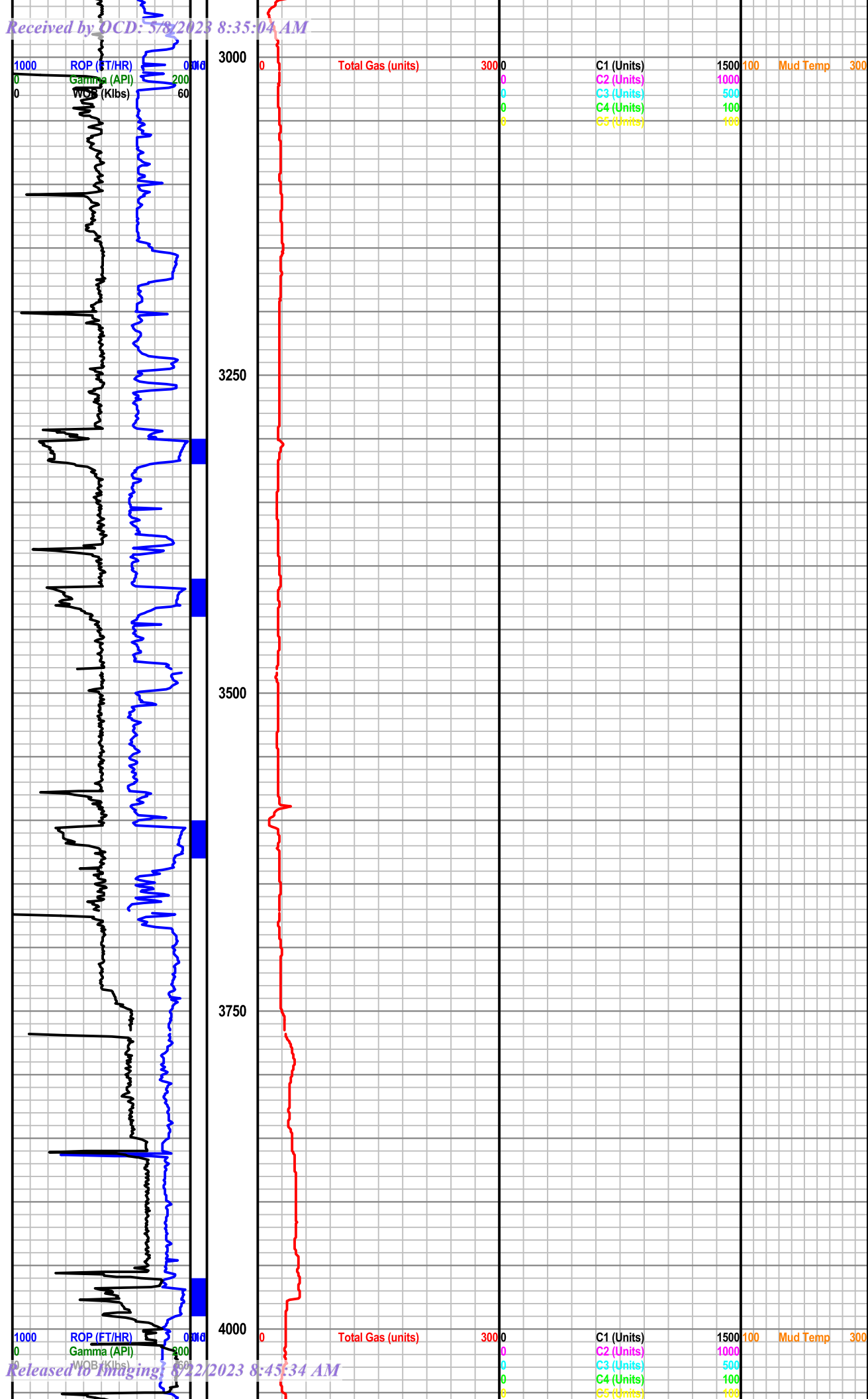
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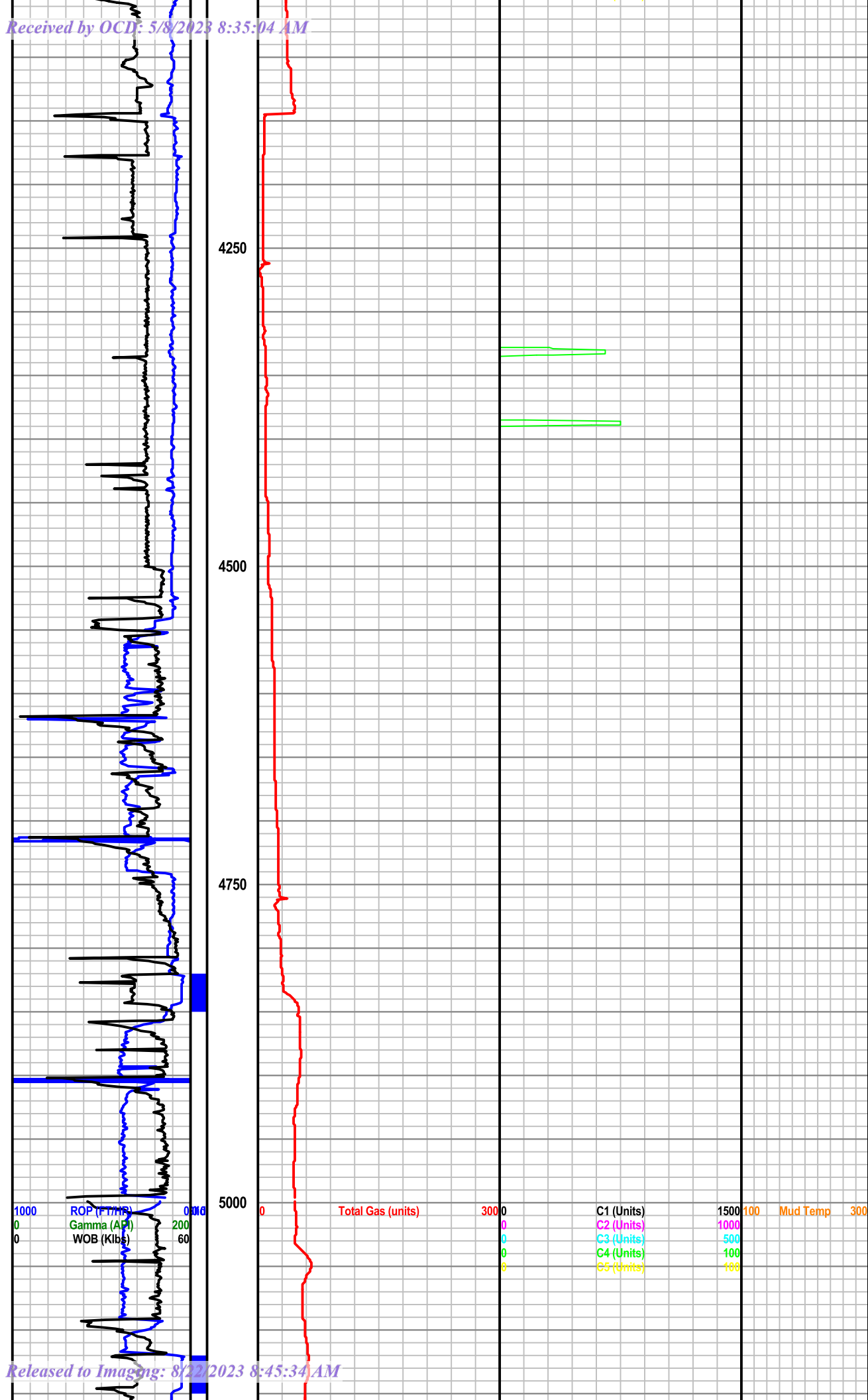
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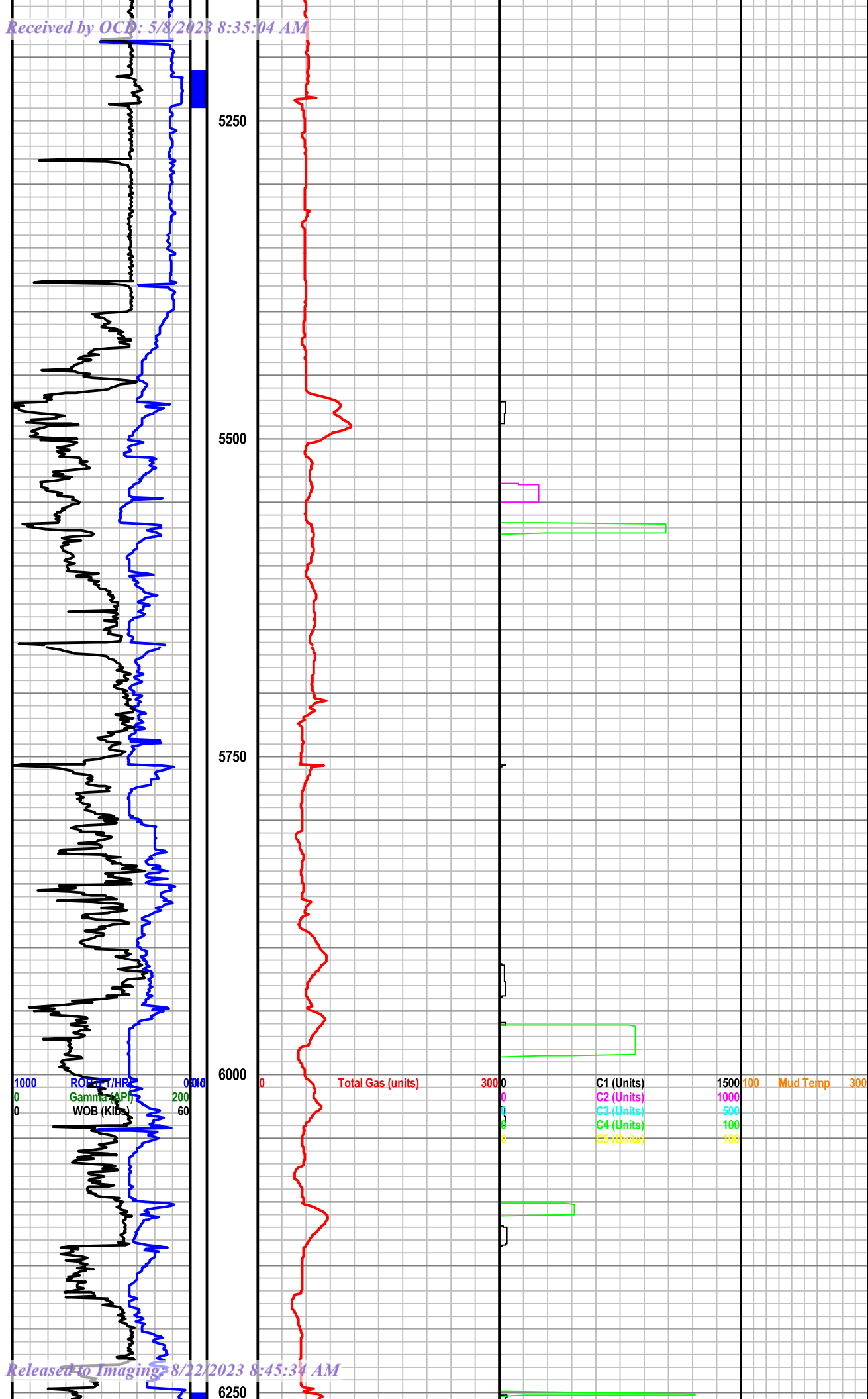
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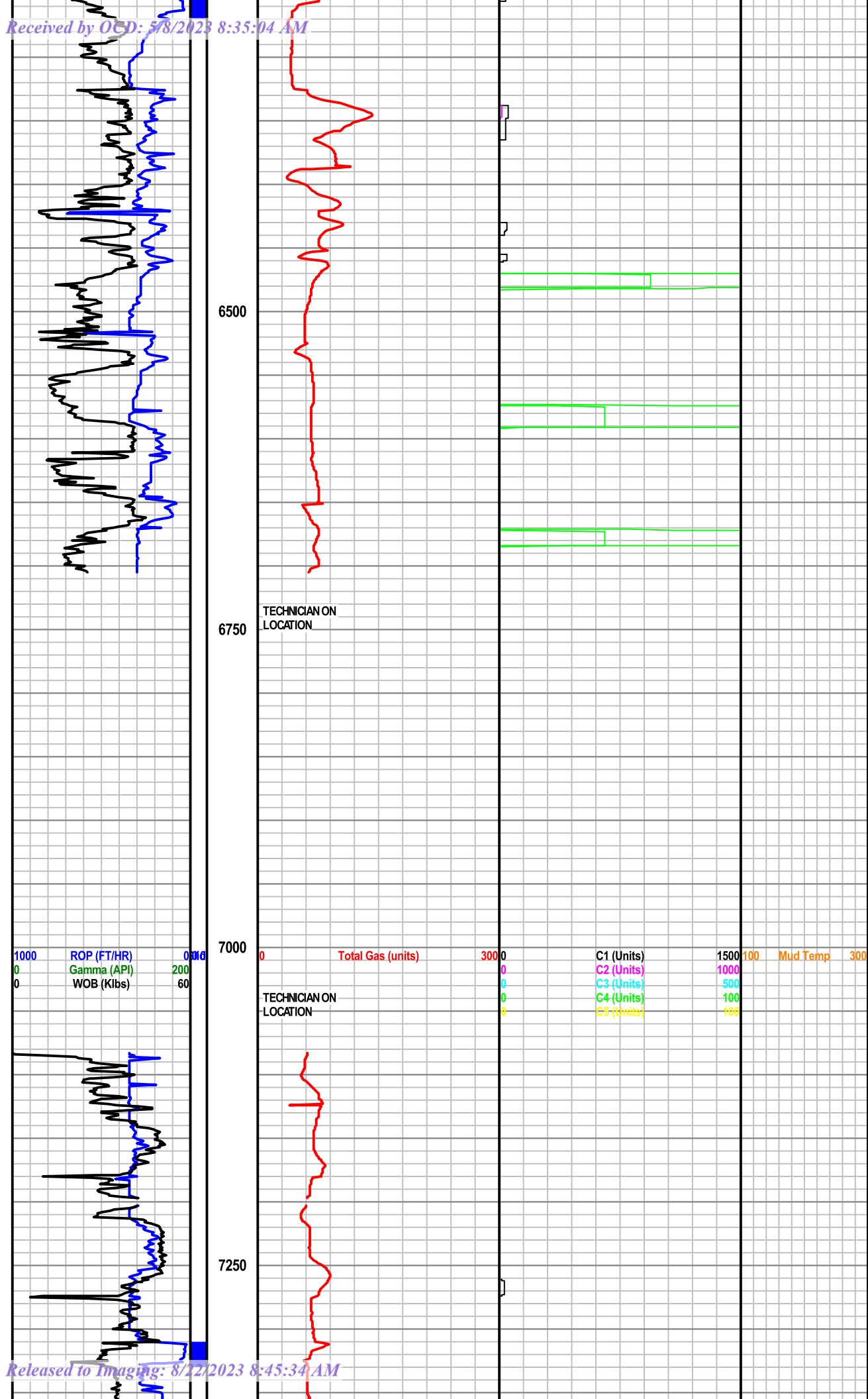


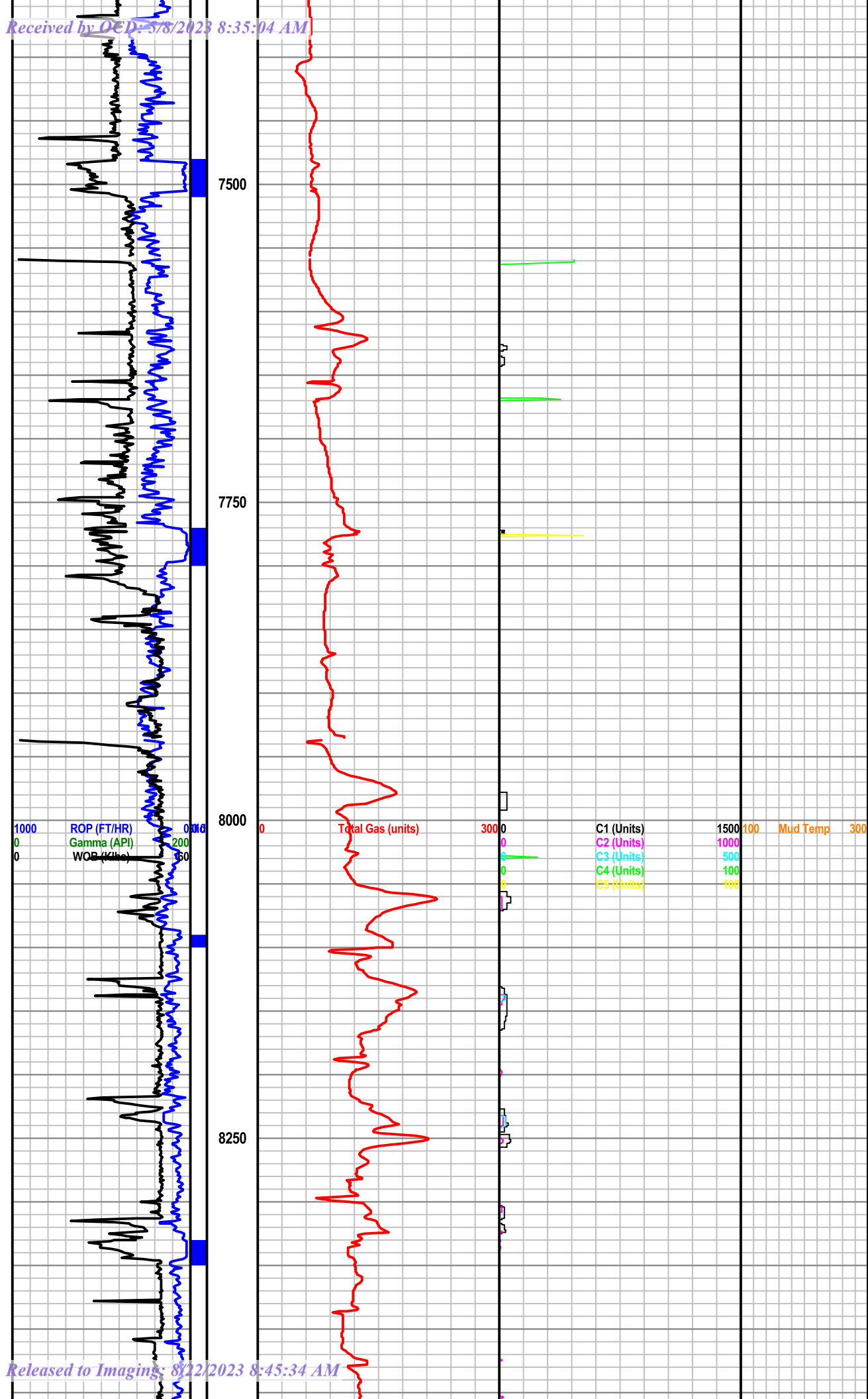


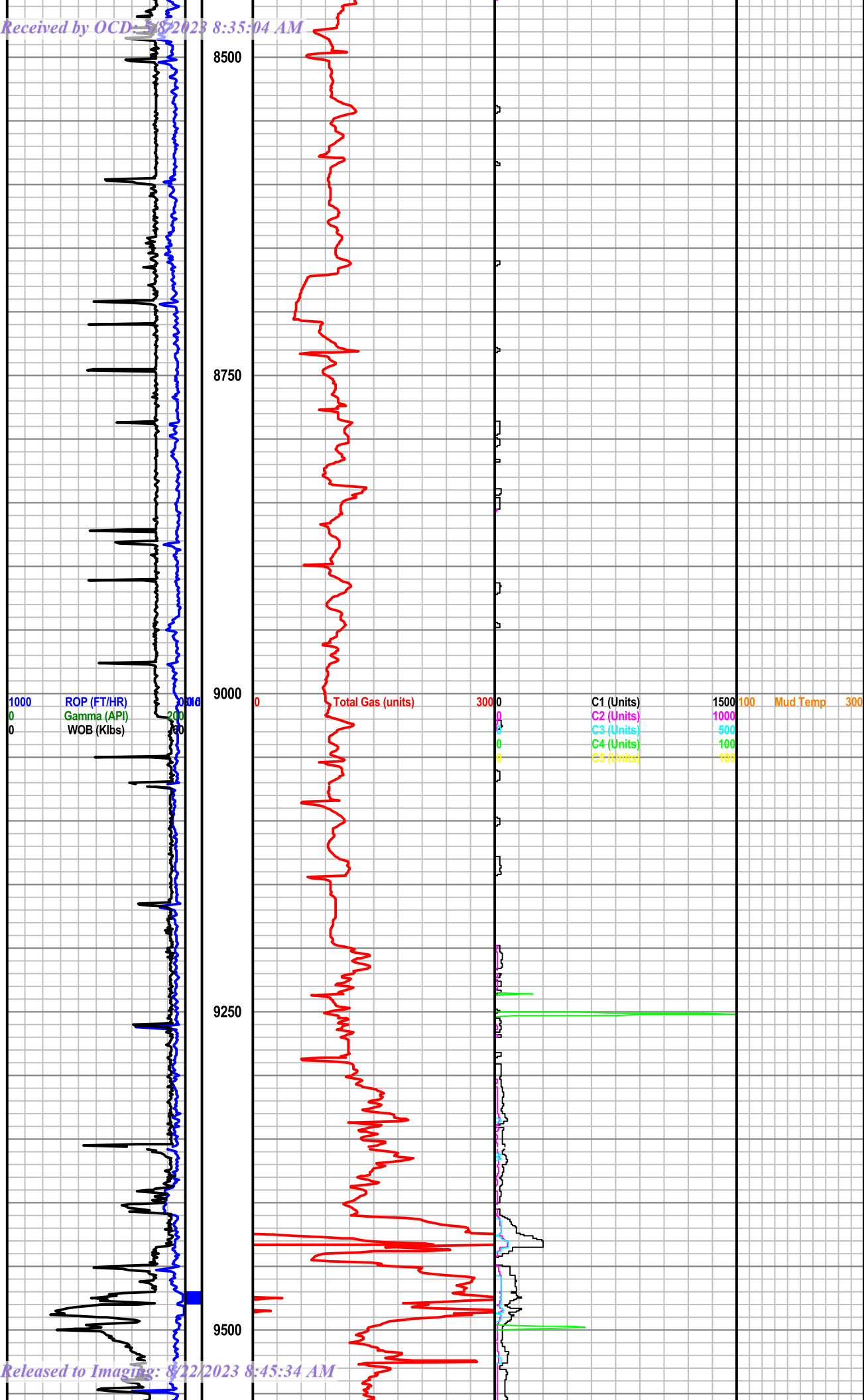
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6x12 & 3x13's IN @ 4,145'

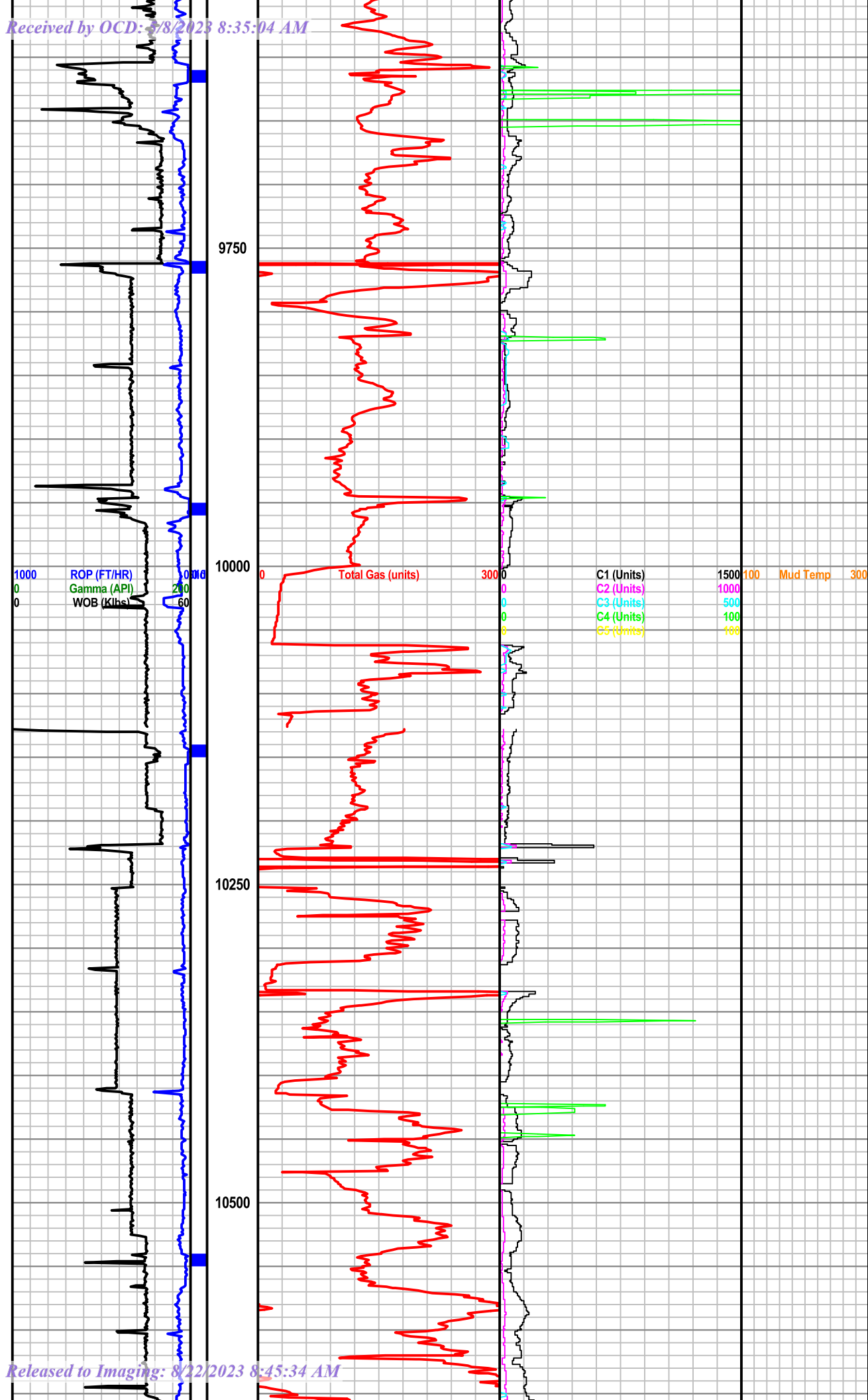








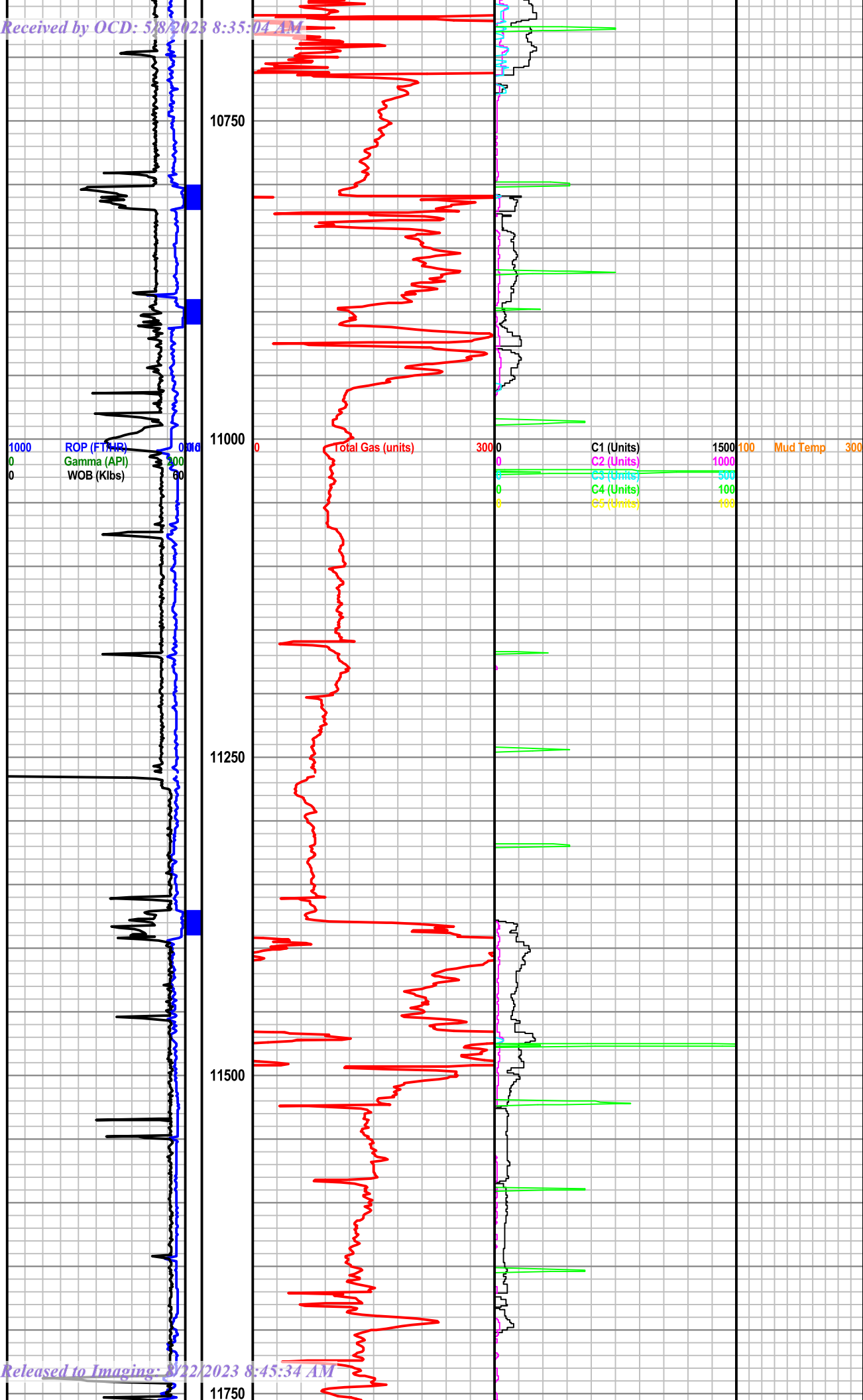


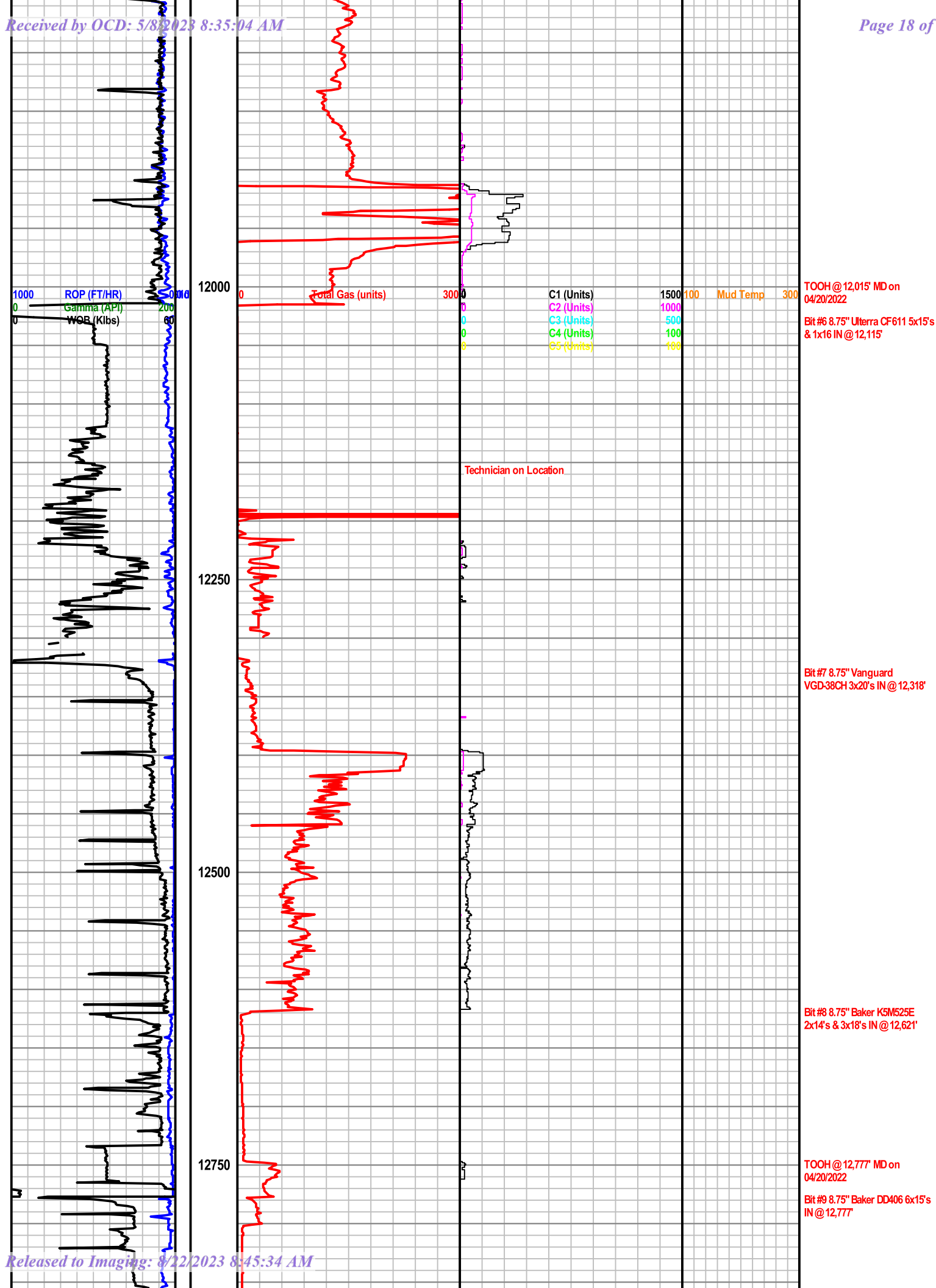


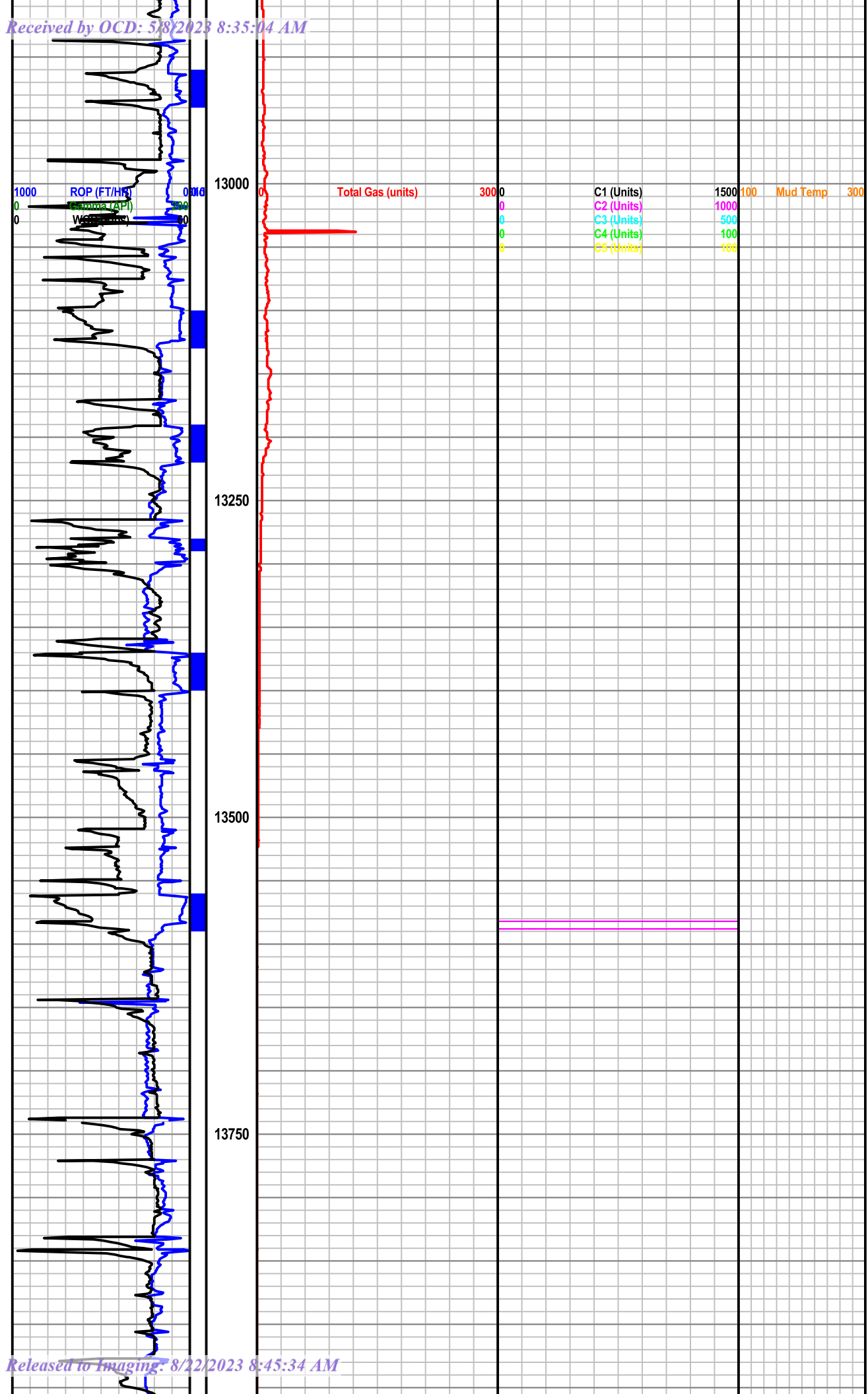
Bit #4 12.25" Ulterra SPL616
6x12 & 3x13's IN @ 9,762'

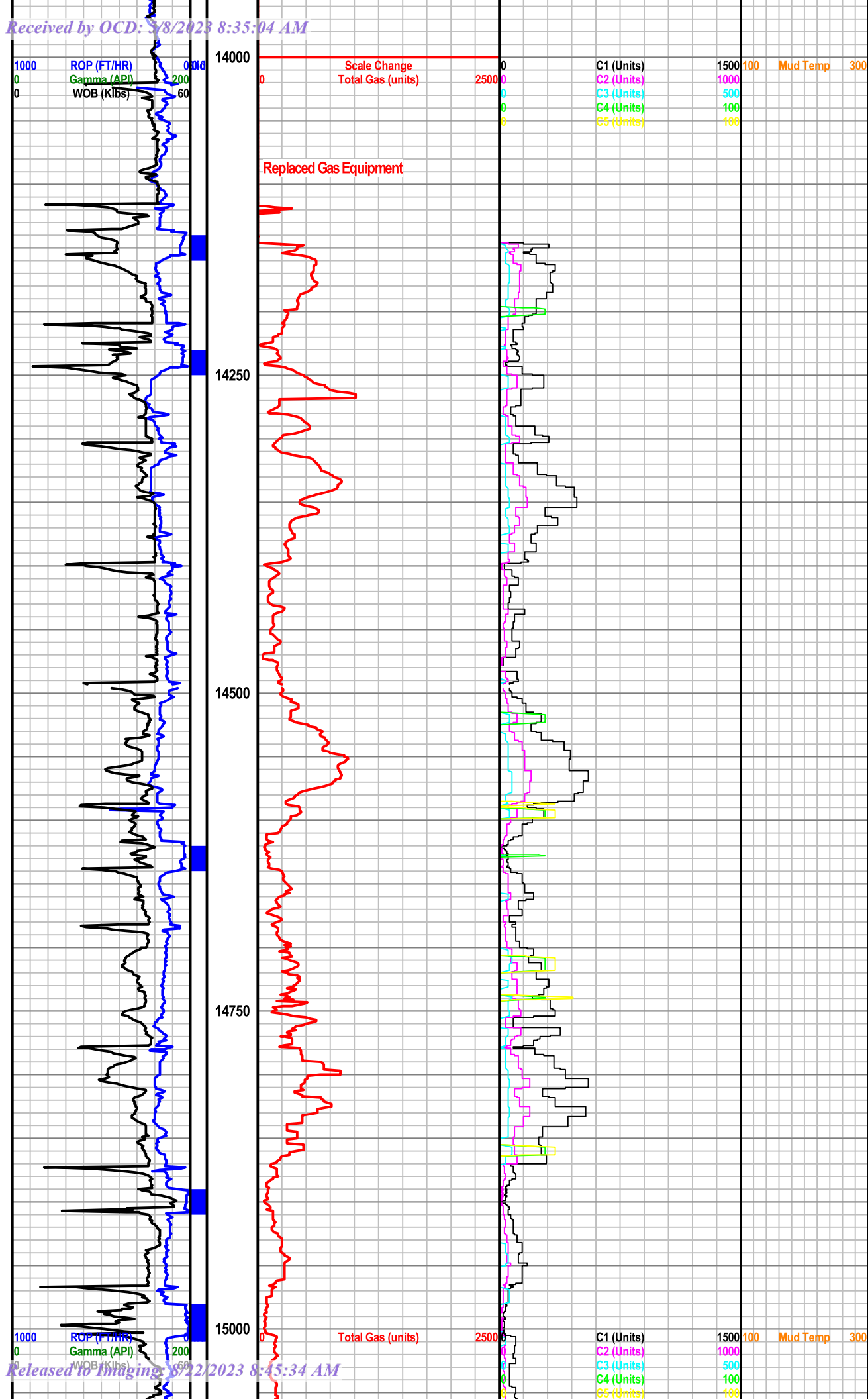
TOOH @ 10,218' on 04/18/2022

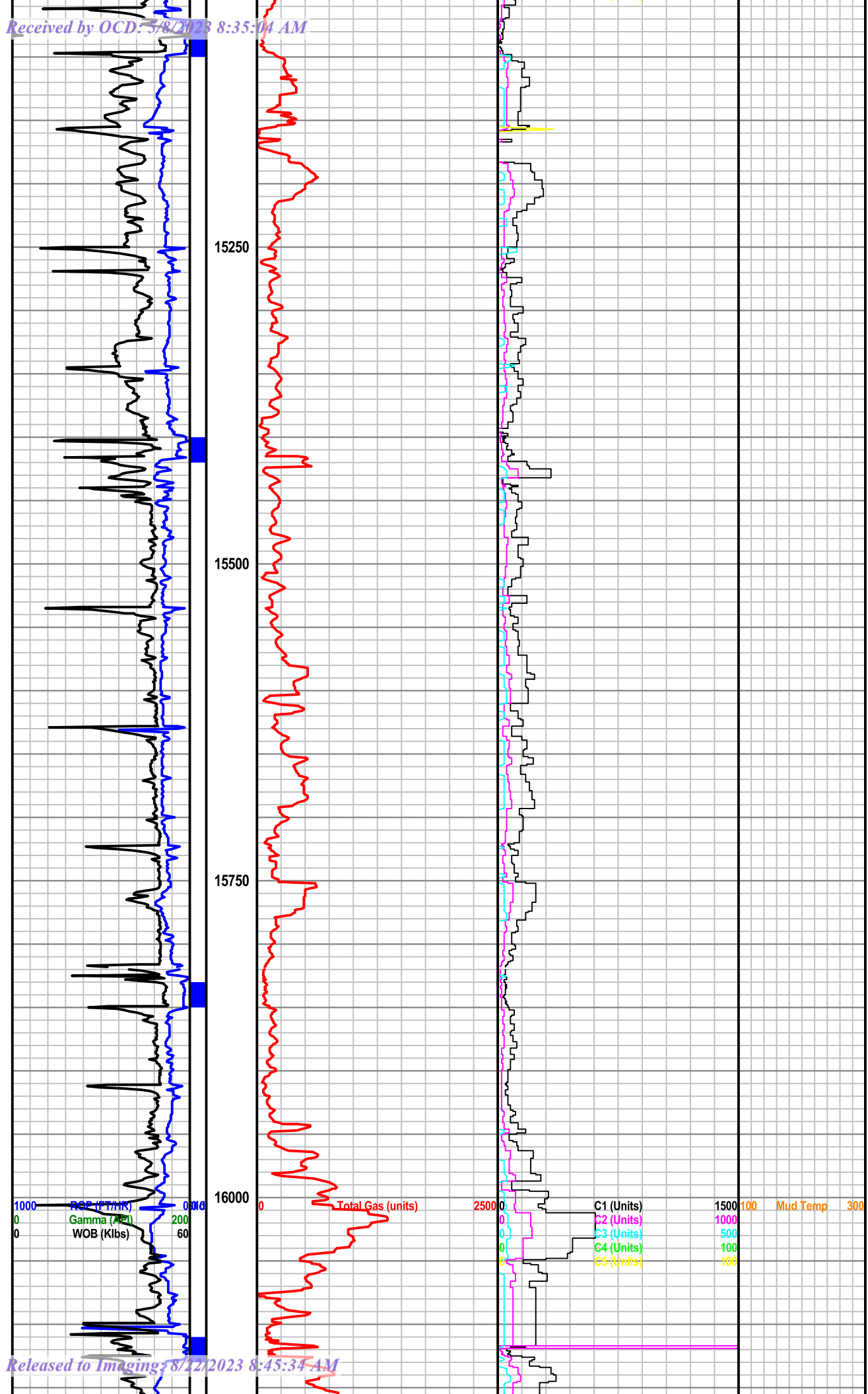
Bit #5 12.25" Ulterra CF716
9x14's IN @ 10,218'

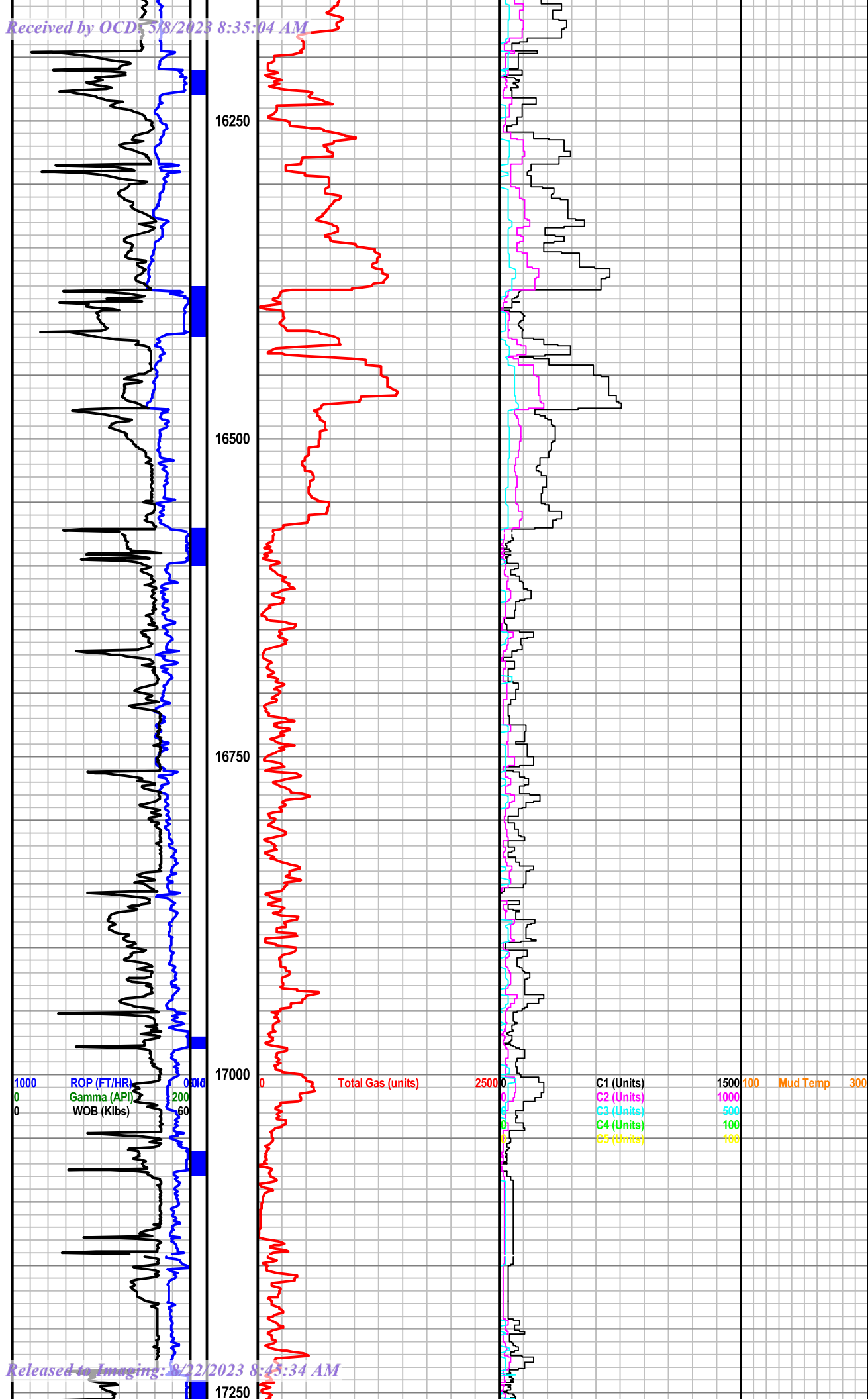


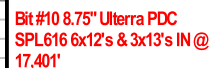


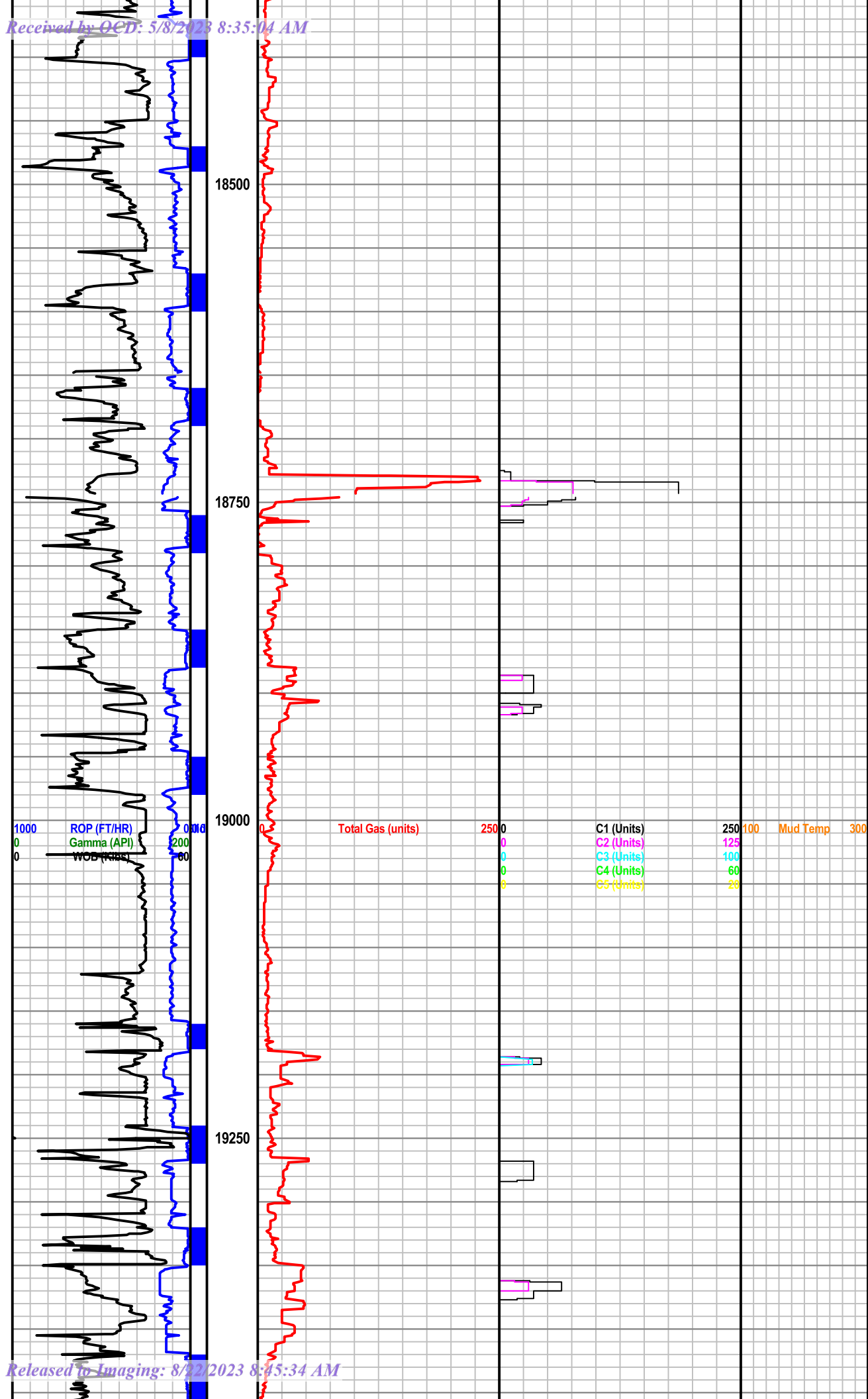


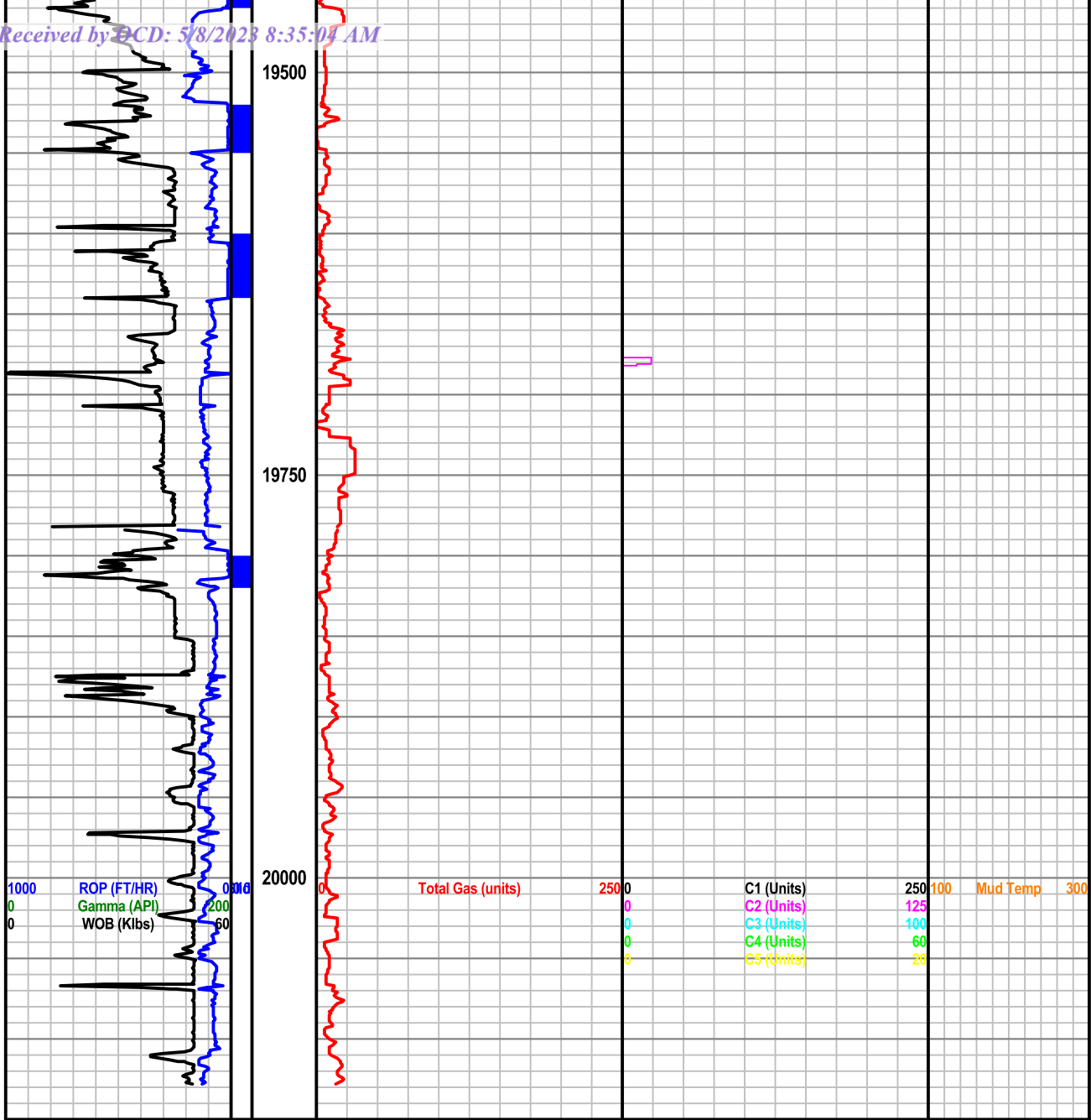












1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1283 Fax: (575) 748-9720
District III
 1000 Rio Brazos Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-46597	² Pool Code 96944	³ Pool Name PITCHFORK RANCH; WOLFCAMP (SOUTH)
⁴ Property Code 322429	Property Name ENDER WIGGINS 14 WA FED COM	
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC.	⁶ Well Number 6H
		⁹ Elevation 3332'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	14	25S	34E		2451	NORTH	1735	WEST	LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	25S	34E		147	NORTH	2131	WEST	LEA
¹² Dedicated Acres 480.0	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 814995.84' / Y: 412337.40' B - X: 814970.58' / Y: 414976.46' C - X: 814924.62' / Y: 420254.79' D - X: 817573.89' / Y: 420269.32' E - X: 817618.10' / Y: 414990.73' F - X: 817639.91' / Y: 412351.77'		CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 773809.54' / Y: 412279.35' B - X: 773784.41' / Y: 414918.34' C - X: 773738.70' / Y: 420196.54' D - X: 776387.92' / Y: 420211.03' E - X: 776431.87' / Y: 414932.58' F - X: 776453.56' / Y: 412293.69'		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>[Signature]</i> Date: 12/14/2022	
BOTTOM HOLE LOCATION 147' FNL 2131' FWL, SECTION 11 20132' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 817057.05' / Y: 420119.21' LAT: 32.15185006N / LON: 103.44242544W NAD 27, SPCS NM EAST X: 775871.08' / Y: 420060.94' LAT: 32.15172484N / LON: 103.44195613W		LAST TAKE POINT 212' FNL 2133' FWL, SECTION 11 20067' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 817059.74' / Y: 420054.72' LAT: 32.15167273N / LON: 103.44241846W NAD 27, SPCS NM EAST X: 775873.77' / Y: 419996.45' LAT: 32.15154751N / LON: 103.44194917W		FIRST TAKE POINT 2220' FNL 2203' FWL, SECTION 14 12770' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 817194.62' / Y: 412768.75' LAT: 32.13164337N / LON: 103.44217748W NAD 27, SPCS NM EAST X: 776008.30' / Y: 412710.66' LAT: 32.13151804N / LON: 103.44170941W	
KICK OFF POINT 2538' FNL 2210' FWL, SECTION 14 12122' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 817204.74' / Y: 412450.89' LAT: 32.13076948N / LON: 103.44215328W NAD 27, SPCS NM EAST X: 776018.41' / Y: 412392.82' LAT: 32.13064414N / LON: 103.44168527W		SURFACE HOLE LOCATION 2451' FNL 1735' FWL, SECTION 14 0' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 816729.43' / Y: 412535.31' LAT: 32.13101232N / LON: 103.44368636W NAD 27, SPCS NM EAST X: 775543.10' / Y: 412477.24' LAT: 32.13088700N / LON: 103.44321827W		18 SURVEYOR CERTIFICATION I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____	

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99985058 Convergence Angle: 00°28'24.77529"



Survey Report

Service Company: SB Directional Services

Location:

Well: Ender Wiggins 14WA FC 6H

Rig: Precision 101

API or UWI: 30-025-46597

Job Number: 422735

State: NM

Operating Company: Marathon Oil

County: Lea

Magnetic Declination: 5.89

Country: USA

Proposed Azimuth: 359.54

Comment:

North Reference: GRID

Latitude: 0

Longitude: 0

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
137.00	0.85	351.26	136.99	1.00	-0.15	351.26	1.02	1.01	0.62
227.00	0.75	331.50	226.99	2.18	-0.54	346.18	2.25	2.19	0.32
319.00	0.73	358.12	318.98	3.30	-0.84	345.65	3.40	3.30	0.37
417.00	0.19	320.28	416.98	4.05	-0.97	346.55	4.16	4.05	0.60
511.00	0.14	207.63	510.98	4.06	-1.12	344.58	4.22	4.07	0.29
606.00	0.28	212.72	605.97	3.77	-1.30	340.96	3.98	3.78	0.15
700.00	0.13	188.86	699.97	3.47	-1.44	337.44	3.75	3.48	0.18
794.00	0.16	145.27	793.97	3.25	-1.38	336.99	3.54	3.26	0.12
889.00	0.20	39.53	888.97	3.27	-1.20	339.85	3.49	3.28	0.30
984.00	0.05	238.55	983.97	3.38	-1.13	341.50	3.56	3.39	0.26
1078.00	0.22	243.21	1077.97	3.28	-1.33	337.95	3.53	3.29	0.18
1120.00	0.48	239.42	1119.97	3.15	-1.55	333.80	3.51	3.16	0.62
1246.00	1.09	245.82	1245.96	2.39	-3.10	307.66	3.91	2.42	0.49
1341.00	1.12	245.65	1340.94	1.64	-4.77	288.96	5.04	1.68	0.03
1436.00	0.98	241.60	1435.93	0.87	-6.33	277.82	6.39	0.92	0.17
1531.00	1.11	256.78	1530.91	0.27	-7.94	271.96	7.94	0.34	0.32
1624.00	1.27	259.52	1623.89	-0.12	-9.83	269.29	9.83	-0.04	0.18
1719.00	1.36	251.01	1718.87	-0.68	-11.93	266.74	11.95	-0.58	0.23
1814.00	1.04	240.45	1813.84	-1.47	-13.75	263.89	13.83	-1.36	0.41
1909.00	1.02	232.65	1908.83	-2.41	-15.17	260.97	15.36	-2.29	0.15
2003.00	0.94	243.28	2002.82	-3.26	-16.52	258.82	16.84	-3.13	0.21
2098.00	1.04	250.28	2097.80	-3.91	-18.03	257.78	18.45	-3.76	0.17
2191.00	0.40	222.72	2190.79	-4.43	-19.05	256.91	19.55	-4.28	0.76
2286.00	1.42	91.86	2285.79	-4.71	-18.09	255.41	18.70	-4.57	1.80
2380.00	2.71	97.15	2379.72	-5.03	-14.72	251.16	15.56	-4.91	1.39

DigiDrill DataLogger

1/5

www.digidrill.com

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
2475.00	4.16	92.96	2474.55	-5.48	-9.05	238.80	10.59	-5.41	1.55
2569.00	5.91	91.39	2568.18	-5.78	-0.81	187.99	5.83	-5.77	1.87
2664.00	6.50	90.14	2662.63	-5.91	9.46	122.00	11.15	-5.98	0.64
2758.00	7.04	93.16	2755.97	-6.24	20.53	106.90	21.45	-6.40	0.69
2853.00	7.49	93.43	2850.21	-6.93	32.52	102.03	33.25	-7.19	0.48
2947.00	7.30	99.84	2943.43	-8.32	44.52	100.58	45.29	-8.67	0.90
3042.00	7.17	99.78	3037.67	-10.36	56.31	100.42	57.26	-10.81	0.14
3135.00	7.81	101.00	3129.88	-12.55	68.23	100.42	69.38	-13.09	0.71
3230.00	7.89	99.79	3223.99	-14.89	80.99	100.42	82.35	-15.54	0.19
3325.00	7.63	100.51	3318.12	-17.15	93.62	100.38	95.18	-17.90	0.29
3419.00	7.15	98.04	3411.34	-19.10	105.55	100.26	107.26	-19.95	0.61
3514.00	6.72	96.84	3505.64	-20.59	116.92	99.99	118.72	-21.53	0.48
3608.00	6.32	97.96	3599.03	-21.96	127.51	99.77	129.38	-22.99	0.45
3703.00	5.66	95.52	3693.51	-23.14	137.35	99.56	139.28	-24.24	0.74
3798.00	5.68	97.61	3788.05	-24.21	146.67	99.37	148.66	-25.39	0.22
3893.00	6.01	97.27	3882.55	-25.46	156.26	99.26	158.33	-26.72	0.35
3987.00	5.25	101.74	3976.10	-26.96	165.36	99.26	167.54	-28.29	0.93
4082.00	5.04	105.48	4070.72	-28.96	173.63	99.47	176.03	-30.35	0.42
4178.00	4.89	101.47	4166.36	-30.90	181.71	99.65	184.32	-32.36	0.39
4272.00	4.89	106.23	4260.02	-32.81	189.48	99.83	192.30	-34.34	0.43
4367.00	5.05	106.63	4354.66	-35.14	197.37	100.10	200.48	-36.73	0.17
4461.00	4.86	99.61	4448.31	-36.99	205.27	100.22	208.57	-38.64	0.68
4555.00	5.02	102.50	4541.96	-38.55	213.21	100.25	216.66	-40.26	0.31
4650.00	6.29	103.13	4636.50	-40.63	222.33	100.36	226.01	-42.41	1.34
4744.00	7.31	105.17	4729.83	-43.36	233.12	100.54	237.12	-45.23	1.11
4839.00	5.39	98.09	4824.25	-45.57	243.37	100.61	247.60	-47.53	2.18
4934.00	6.49	97.81	4918.74	-46.93	253.11	100.50	257.42	-48.96	1.16
5028.00	7.28	104.29	5012.06	-49.12	264.14	100.53	268.67	-51.24	1.18
5123.00	7.46	105.53	5106.27	-52.26	275.92	100.72	280.82	-54.47	0.25
5218.00	5.51	99.45	5200.66	-54.66	286.36	100.81	291.53	-56.96	2.17
5313.00	4.72	96.53	5295.28	-55.85	294.74	100.73	299.99	-58.22	0.88
5408.00	4.02	95.35	5390.01	-56.61	301.94	100.62	307.20	-59.03	0.74
5503.00	3.99	99.53	5484.78	-57.47	308.52	100.55	313.82	-59.94	0.31
5598.00	4.00	99.56	5579.54	-58.56	315.04	100.53	320.44	-61.09	0.01
5693.00	4.35	96.34	5674.29	-59.51	321.89	100.47	327.35	-62.09	0.44
5788.00	4.21	95.80	5769.03	-60.26	328.94	100.38	334.42	-62.90	0.15
5883.00	3.60	98.17	5863.81	-61.04	335.36	100.32	340.87	-63.73	0.66
5977.00	3.82	97.16	5957.61	-61.85	341.39	100.27	346.95	-64.59	0.24
6072.00	3.45	100.28	6052.42	-62.75	347.34	100.24	352.97	-65.54	0.44
6167.00	3.49	98.62	6147.24	-63.70	353.02	100.23	358.72	-66.53	0.11
6262.00	4.63	105.01	6242.00	-65.12	359.58	100.27	365.43	-68.01	1.29
6356.00	5.06	98.32	6335.67	-66.70	367.34	100.29	373.35	-69.65	0.75
6452.00	4.58	100.53	6431.33	-68.02	375.30	100.27	381.42	-71.03	0.54
6547.00	4.55	103.67	6526.03	-69.60	382.69	100.31	388.97	-72.67	0.26
6642.00	4.81	104.91	6620.71	-71.52	390.20	100.39	396.70	-74.65	0.29
6737.00	4.44	106.84	6715.40	-73.61	397.57	100.49	404.33	-76.80	0.42
6832.00	4.59	102.16	6810.11	-75.47	404.81	100.56	411.78	-78.72	0.42
6926.00	4.32	109.02	6903.82	-77.42	411.83	100.65	419.04	-80.72	0.63
7021.00	4.32	109.49	6998.55	-79.78	418.59	100.79	426.12	-83.14	0.04
7116.00	4.31	106.04	7093.29	-81.96	425.39	100.91	433.21	-85.37	0.27
7211.00	4.04	108.08	7188.03	-83.98	432.00	101.00	440.09	-87.45	0.32
7305.00	3.90	108.24	7281.81	-86.01	438.19	101.11	446.55	-89.53	0.15
7399.00	2.94	109.02	7375.64	-87.80	443.50	101.20	452.11	-91.36	1.02

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
7494.00	1.80	103.46	7470.56	-88.94	447.25	101.25	456.01	-92.53	1.22
7589.00	1.71	90.29	7565.51	-89.29	450.12	101.22	458.89	-92.91	0.43
7683.00	1.71	93.58	7659.47	-89.39	452.93	101.16	461.66	-93.02	0.10
7778.00	1.65	95.04	7754.43	-89.60	455.70	101.12	464.43	-93.25	0.08
7872.00	1.02	101.30	7848.40	-89.88	457.87	101.11	466.61	-93.55	0.69
7967.00	0.95	77.99	7943.39	-89.88	459.47	101.07	468.18	-93.57	0.43
8061.00	0.72	109.49	8037.38	-89.92	460.79	101.04	469.48	-93.61	0.54
8156.00	0.31	166.13	8132.38	-90.37	461.41	101.08	470.18	-94.07	0.64
8251.00	0.73	155.37	8227.37	-91.17	461.73	101.17	470.64	-94.87	0.45
8344.00	0.23	153.07	8320.37	-91.87	462.06	101.25	471.10	-95.58	0.54
8438.00	0.11	32.10	8414.37	-91.96	462.19	101.25	471.25	-95.67	0.32
8533.00	0.09	52.61	8509.37	-91.84	462.30	101.24	471.33	-95.55	0.04
8628.00	0.19	118.00	8604.37	-91.87	462.50	101.23	471.53	-95.58	0.18
8723.00	0.17	154.19	8699.37	-92.07	462.70	101.25	471.77	-95.78	0.12
8818.00	0.53	156.92	8794.37	-92.60	462.93	101.31	472.10	-96.31	0.38
8913.00	0.67	161.18	8889.36	-93.53	463.28	101.41	472.63	-97.25	0.15
9008.00	0.78	187.21	8984.35	-94.70	463.38	101.55	472.96	-98.41	0.36
9103.00	0.99	183.31	9079.34	-96.16	463.25	101.73	473.13	-99.87	0.23
9197.00	0.95	190.81	9173.33	-97.73	463.06	101.92	473.26	-101.45	0.14
9293.00	0.81	195.02	9269.32	-99.17	462.74	102.10	473.24	-102.88	0.16
9387.00	0.84	196.80	9363.31	-100.47	462.36	102.26	473.15	-104.18	0.04
9482.00	0.76	200.72	9458.30	-101.73	461.94	102.42	473.01	-105.43	0.10
9577.00	0.42	254.70	9553.29	-102.41	461.38	102.51	472.61	-106.11	0.65
9672.00	2.07	330.56	9648.27	-101.01	460.20	102.38	471.16	-104.70	2.11
9773.00	2.90	332.55	9749.18	-97.15	458.13	101.97	468.32	-100.83	0.83
9868.00	3.30	331.78	9844.04	-92.61	455.73	101.49	465.04	-96.27	0.42
9963.00	2.84	329.46	9938.90	-88.17	453.24	101.01	461.74	-91.81	0.50
10058.00	2.83	326.17	10033.78	-84.20	450.74	100.58	458.53	-87.81	0.17
10153.00	2.34	320.68	10128.69	-80.75	448.20	100.21	455.42	-84.35	0.58
10248.00	1.81	317.48	10223.62	-78.14	445.96	99.94	452.75	-81.72	0.57
10342.00	1.55	317.24	10317.58	-76.12	444.09	99.73	450.57	-79.68	0.28
10437.00	2.11	327.89	10412.54	-73.69	442.29	99.46	448.39	-77.24	0.69
10532.00	1.84	352.17	10507.48	-70.70	441.15	99.10	446.78	-74.24	0.92
10627.00	2.20	52.58	10602.43	-68.08	442.39	98.75	447.60	-71.63	2.16
10722.00	2.36	53.86	10697.36	-65.82	445.42	98.41	450.26	-69.39	0.18
10816.00	1.95	54.36	10791.29	-63.74	448.28	98.09	452.79	-67.34	0.44
10910.00	1.46	104.19	10885.25	-63.11	450.75	97.97	455.14	-66.72	1.60
11005.00	1.37	126.89	10980.22	-64.08	452.83	98.06	457.34	-67.72	0.59
11099.00	1.00	126.57	11074.20	-65.25	454.38	98.17	459.05	-68.89	0.39
11194.00	2.25	143.18	11169.16	-67.23	456.17	98.38	461.10	-70.90	1.39
11289.00	2.71	146.65	11264.07	-70.60	458.52	98.75	463.92	-74.28	0.51
11384.00	2.21	147.11	11358.99	-74.02	460.75	99.13	466.66	-77.71	0.53
11478.00	1.78	132.21	11452.93	-76.52	462.81	99.39	469.10	-80.23	0.71
11573.00	1.63	128.32	11547.89	-78.35	464.97	99.56	471.52	-82.08	0.20
11668.00	1.02	115.33	11642.86	-79.55	466.79	99.67	473.52	-83.29	0.71
11762.00	1.16	102.37	11736.85	-80.11	468.48	99.70	475.28	-83.87	0.30
11857.00	1.27	121.96	11831.82	-80.87	470.31	99.76	477.21	-84.65	0.45
11944.00	1.65	128.20	11918.80	-82.16	472.11	99.87	479.21	-85.95	0.47
12067.00	1.72	133.51	12041.74	-84.53	474.84	100.09	482.31	-88.33	0.14
12162.00	1.43	349.57	12136.73	-84.34	475.66	100.05	483.08	-88.16	3.15
12209.00	4.81	355.72	12183.65	-81.80	475.41	99.76	482.40	-85.61	7.22
12257.00	7.81	358.96	12231.36	-76.53	475.20	99.15	481.32	-80.34	6.29
12303.00	10.49	356.91	12276.77	-69.22	474.92	98.29	479.94	-73.03	5.87

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
12350.00	14.67	356.13	12322.63	-59.01	474.28	97.09	477.94	-62.81	8.90
12397.00	21.99	356.98	12367.21	-44.26	473.42	95.34	475.48	-48.06	15.58
12444.00	28.93	359.65	12409.62	-24.08	472.88	92.92	473.50	-27.88	14.96
12491.00	36.30	359.29	12449.19	1.23	472.64	89.85	472.64	-2.56	15.69
12539.00	42.99	357.07	12486.13	31.82	471.63	86.14	472.70	28.03	14.24
12633.00	58.11	356.95	12545.68	104.09	467.85	77.46	479.29	100.34	16.09
12680.00	68.81	358.28	12566.65	146.04	466.12	72.60	488.46	142.30	22.91
12728.00	78.09	359.89	12580.31	192.00	465.40	67.58	503.45	188.26	19.60
12824.00	83.40	359.54	12595.75	286.71	464.93	58.34	546.23	282.97	5.54
12918.00	84.47	358.60	12605.68	380.17	463.41	50.64	599.40	376.44	1.51
13013.00	84.81	358.07	12614.55	474.72	460.66	44.14	661.49	471.00	0.66
13108.00	86.61	356.60	12621.66	569.34	456.26	38.71	729.60	565.66	2.44
13203.00	87.82	355.82	12626.27	664.02	449.98	34.12	802.13	660.38	1.51
13297.00	89.83	356.66	12628.20	757.79	443.82	30.36	878.19	754.20	2.32
13392.00	90.53	357.61	12627.90	852.67	439.07	27.25	959.08	849.12	1.24
13486.00	90.78	357.94	12626.83	946.59	435.43	24.70	1041.94	943.07	0.44
13581.00	91.51	357.35	12624.93	1041.49	431.52	22.51	1127.35	1037.99	0.99
13676.00	92.13	359.23	12621.91	1136.40	428.69	20.67	1214.57	1132.92	2.08
13769.00	91.20	358.95	12619.21	1229.35	427.21	19.16	1301.46	1225.88	1.04
13864.00	91.15	358.93	12617.26	1324.31	425.46	17.81	1390.97	1320.85	0.06
13959.00	91.04	358.74	12615.45	1419.27	423.52	16.62	1481.12	1415.83	0.23
14053.00	91.32	358.00	12613.51	1513.21	420.85	15.54	1570.65	1509.79	0.84
14147.00	91.46	359.62	12611.23	1607.16	418.90	14.61	1660.86	1603.75	1.73
14242.00	88.96	358.45	12610.88	1702.14	417.30	13.78	1752.55	1698.73	2.91
14336.00	89.02	359.30	12612.54	1796.11	415.45	13.02	1843.53	1792.71	0.91
14431.00	88.82	359.10	12614.33	1891.08	414.13	12.35	1935.89	1887.69	0.30
14525.00	87.96	358.97	12616.97	1985.03	412.55	11.74	2027.44	1981.65	0.93
14620.00	88.23	359.01	12620.13	2079.96	410.87	11.17	2120.15	2076.59	0.29
14715.00	90.28	0.05	12621.36	2174.94	410.09	10.68	2213.27	2171.58	2.42
14810.00	90.36	0.13	12620.83	2269.94	410.24	10.24	2306.71	2266.57	0.12
14904.00	90.76	1.41	12619.92	2363.93	411.51	9.87	2399.48	2360.55	1.43
14998.00	90.34	2.38	12619.01	2457.87	414.61	9.57	2492.59	2454.46	1.12
15093.00	88.85	2.18	12619.68	2552.79	418.39	9.31	2586.85	2549.35	1.58
15187.00	88.24	2.26	12622.07	2646.69	422.03	9.06	2680.12	2643.21	0.65
15282.00	87.48	2.18	12625.62	2741.55	425.71	8.83	2774.40	2738.04	0.80
15377.00	86.97	1.79	12630.22	2836.38	429.00	8.60	2868.64	2832.84	0.68
15471.00	88.66	1.40	12633.80	2930.27	431.61	8.38	2961.89	2926.71	1.85
15566.00	88.15	0.98	12636.45	3025.21	433.58	8.16	3056.13	3021.64	0.70
15660.00	88.10	1.31	12639.52	3119.15	435.46	7.95	3149.40	3115.55	0.35
15755.00	87.25	1.10	12643.38	3214.05	437.46	7.75	3243.68	3210.43	0.92
15849.00	89.50	0.50	12646.04	3307.99	438.77	7.56	3336.96	3304.36	2.48
15943.00	89.16	0.43	12647.14	3401.98	439.53	7.36	3430.26	3398.34	0.37
16038.00	88.43	0.09	12649.14	3496.96	439.96	7.17	3524.53	3493.31	0.85
16133.00	88.60	359.41	12651.60	3591.93	439.55	6.98	3618.72	3588.28	0.74
16227.00	89.61	1.44	12653.07	3685.91	440.25	6.81	3712.10	3682.25	2.41
16321.00	87.73	358.89	12655.25	3779.87	440.52	6.65	3805.45	3776.21	3.37
16415.00	89.94	0.91	12657.16	3873.84	440.35	6.49	3898.79	3870.18	3.18
16510.00	87.76	1.90	12659.07	3968.78	442.68	6.36	3993.40	3965.10	2.52
16604.00	90.14	1.46	12660.79	4062.72	445.44	6.26	4087.07	4059.01	2.57
16699.00	90.78	1.13	12660.03	4157.69	447.58	6.14	4181.71	4153.96	0.76
16794.00	90.95	0.97	12658.59	4252.67	449.32	6.03	4276.34	4248.92	0.25
16888.00	90.73	0.47	12657.22	4346.65	450.51	5.92	4369.93	4342.89	0.58
16983.00	86.89	358.98	12659.19	4441.61	450.05	5.79	4464.35	4437.85	4.34

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
17078.00	89.13	358.26	12662.49	4536.51	447.76	5.64	4558.56	4532.77	2.48
17172.00	91.29	358.47	12662.14	4630.47	445.08	5.49	4651.81	4626.75	2.31
17267.00	89.58	357.73	12661.42	4725.41	441.93	5.34	4746.03	4721.71	1.96
17361.00	88.80	358.43	12662.75	4819.35	438.78	5.20	4839.28	4815.67	1.11
17456.00	89.08	357.92	12664.51	4914.28	435.76	5.07	4933.56	4910.62	0.61
17550.00	88.96	359.06	12666.12	5008.23	433.28	4.94	5026.94	5004.59	1.22
17645.00	89.78	0.88	12667.16	5103.22	433.23	4.85	5121.58	5099.58	2.10
17739.00	89.61	1.20	12667.66	5197.21	434.94	4.78	5215.37	5193.55	0.39
17833.00	87.48	359.79	12670.05	5291.16	435.75	4.71	5309.08	5287.50	2.72
17928.00	88.49	358.22	12673.39	5386.09	434.10	4.61	5403.55	5382.43	1.96
18022.00	88.80	357.53	12675.61	5480.00	430.62	4.49	5496.89	5476.36	0.80
18117.00	88.52	358.06	12677.83	5574.90	426.96	4.38	5591.22	5571.29	0.63
18211.00	87.79	357.44	12680.86	5668.78	423.27	4.27	5684.56	5665.20	1.02
18306.00	87.68	355.50	12684.61	5763.52	417.43	4.14	5778.61	5759.98	2.04
18401.00	88.91	355.44	12687.44	5858.18	409.93	4.00	5872.50	5854.70	1.30
18495.00	89.97	355.78	12688.36	5951.90	402.74	3.87	5965.51	5948.47	1.18
18589.00	92.16	356.40	12686.61	6045.65	396.33	3.75	6058.63	6042.28	2.42
18684.00	92.80	357.51	12682.50	6140.43	391.29	3.65	6152.88	6137.09	1.35
18779.00	92.83	358.83	12677.84	6235.26	388.26	3.56	6247.34	6231.95	1.39
18873.00	92.86	357.79	12673.17	6329.11	385.49	3.49	6340.83	6325.81	1.11
18968.00	93.98	357.53	12667.50	6423.86	381.61	3.40	6435.18	6420.59	1.21
19062.00	95.10	357.89	12660.06	6517.49	377.87	3.32	6528.43	6514.24	1.25
19156.00	95.72	357.76	12651.20	6611.00	374.32	3.24	6621.59	6607.78	0.67
19251.00	93.33	357.79	12643.71	6705.62	370.64	3.16	6715.86	6702.43	2.52
19345.00	92.60	358.96	12638.84	6799.46	367.98	3.10	6809.41	6796.28	1.47
19440.00	89.66	356.86	12636.97	6894.36	364.52	3.03	6903.99	6891.21	3.80
19534.00	87.56	355.86	12639.25	6988.14	358.55	2.94	6997.33	6985.03	2.47
19628.00	86.92	357.13	12643.78	7081.85	352.81	2.85	7090.63	7078.79	1.51
19723.00	86.33	357.04	12649.37	7176.56	347.99	2.78	7184.99	7173.54	0.63
19817.00	86.02	356.96	12655.64	7270.22	343.08	2.70	7278.31	7267.24	0.34
19912.00	86.16	357.05	12662.12	7364.87	338.13	2.63	7372.63	7361.92	0.18
20007.00	85.18	357.31	12669.29	7459.49	333.47	2.56	7466.94	7456.57	1.07
20071.00	85.12	357.31	12674.70	7523.19	330.47	2.52	7530.44	7520.29	0.09

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
20132.00	85.12	357.31	12679.89	7583.90	327.62	2.47	7590.97	7581.02	0.00

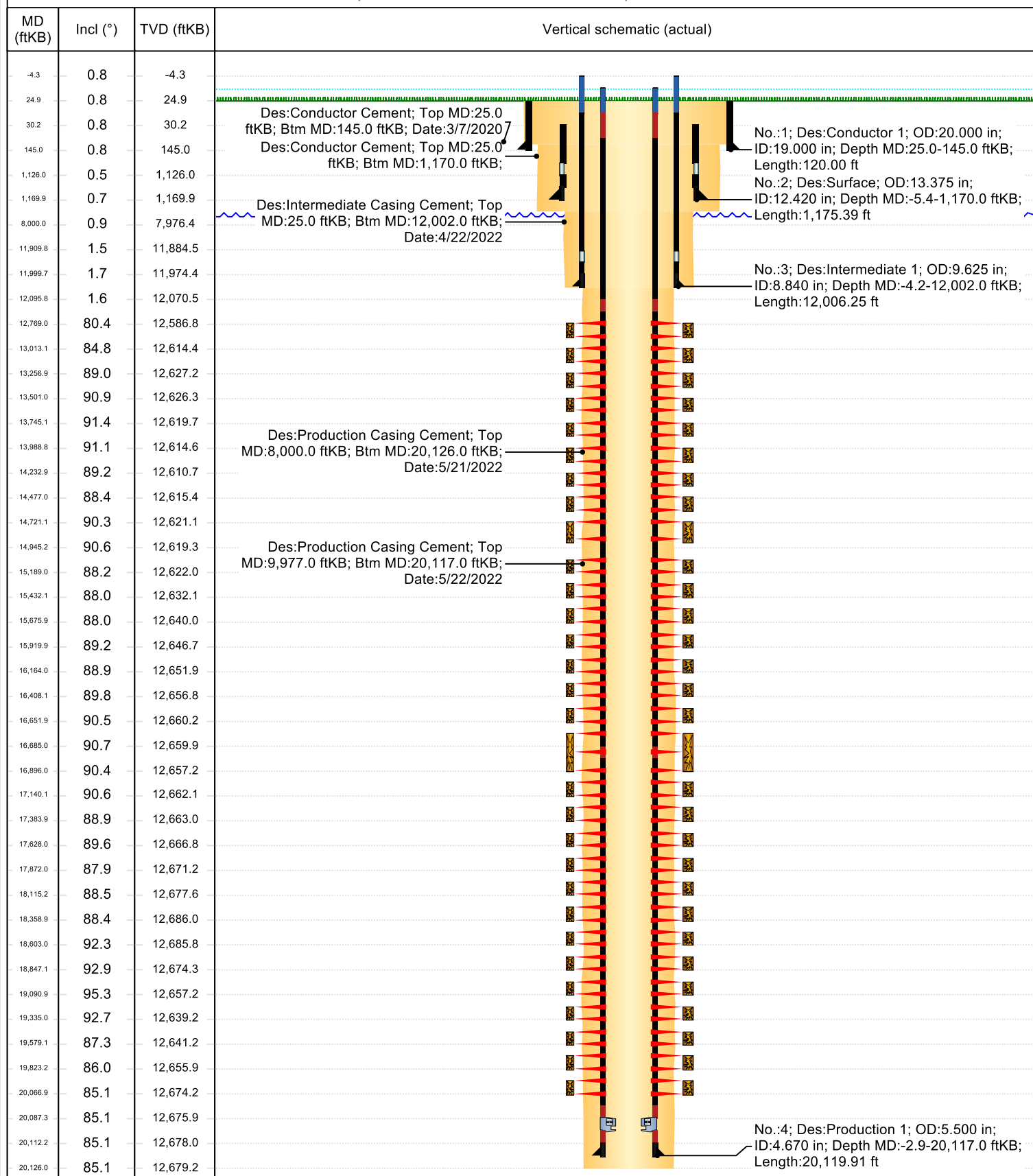


Wellbore Schematic

Well Name: ENDER WIGGINS 14 WA FED COM 6H

State/Province NEW MEXICO	Country UNITED STATES	Field Name	Latitude (°) 32.13084210	Longitude (°) -103.44321930	North/South Distance (ft) 2,451.0	North/South Reference FNL
API/ IPO UWI 3002546597	KB-Ground Distance (ft) 25.00	KB-Mud Line Distance (ft)	Ground Elevation (ft) 3,332.00	Drilling Rig Spud Date 4/10/2022	Well Original Completion Date 10/7/2022	Well First Production Date 10/13/2022

HORIZONTAL, ENDER WIGGINS 14 WA FED COM 6H, 10/31/2022 8:13:23 AM



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 214483

ACKNOWLEDGMENTS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 214483
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 214483

CONDITIONS

Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024	OGRID: 372098
	Action Number: 214483
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Only include C-105 on future submittals. Well Log, C-102, Survey, and the Wellbore Schematic shouldn't be included since they are included in the C-104 Completion Packet.	8/22/2023