Sundry Print Reports 09/09/2022

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

Well Name: SHEETS A Well Location: T25N / R7W / SEC 6 / County or Parish/State: RIO

SENW / 36.431152 / -107.620499 ARRIBA / NM

Well Number: 2 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF080375A Unit or CA Name: Unit or CA Number:

US Well Number: 300390616500S1 Well Status: Abandoned Operator: MORNINGSTAR

OPERATING LLC

Subsequent Report

Sundry ID: 2690607

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/02/2022 Time Sundry Submitted: 12:48

Date Operation Actually Began: 08/15/2022

Actual Procedure: MorningStar has plugged and abandoned the Sheets A #2 as of 8/29/2022. Attached are the Daily and Cementing Reports, Final WBD, and CBL.

SR Attachments

Actual Procedure

Sheets_A_2_CBL_20220902123923.pdf

Sheets_A_2_PA_WBD_Final_20220902123912.pdf

Sheets_A_2_PA_Daily_Cementing_Reports_20220902123903.pdf

Well Location: T25N / R7W / SEC 6 / County or Parish/State: Rice 2 of

SENW / 36.431152 / -107.620499 ARRIBA / NM

Well Number: 2 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

ÆLL

Lease Number: NMSF080375A Unit or CA Name: Unit or CA Number:

US Well Number: 300390616500S1 Well Status: Abandoned Operator: MORNINGSTAR

OPERATING LLC

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: CONNIE BLAYLOCK Signed on: SEP 02, 2022 12:39 PM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician **Street Address:** 400 W 7th St.

City: Forth Worth State: TX

Phone: (817) 334-7882

Email address: CBLAYLOCK@MSPARTNERS.COM

Field

Representative Name: AMY BYARS

Street Address: 400 W 7TH ST

City: FORT WORTH State: TX Zip: 76102

Phone: (817)334-8096

Email address: ABYARS@MSPARTNERS.COM

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:** 09/09/2022

Signature: Kenneth Rennick

Page 2 of 2

Morningstar Operating LLC

Plug And Abandonment End Of Well Report

Sheets A #002

1840' FNL & 1498' FWL, Section 6, 25N, 07W Rio Arriba County, NM / API 30-039-06165

Work Summary:

8/14/22	Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
8/15/22	MOL and R/U P&A rig. Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead. N/U BOP and function tested. Secured and shut in well for the day.
8/16/22	Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Changed out equipment for 1-1/4" tubing. R/U floor. L/D 135 joints of 1-1/4" tubing and 1 joint of perforated 1-1/4" tubing. Changed out equipment for 2-3/8" work-string. P/U 5.5" scraper and TIH to 626'. Stopped work due to rain and lightning. Secured and shut in well for the day.
8/17/22	Checked well pressures: Tubing 0 psi, Casing: 0 psi, Bradenhead: 0 psi. P/U 2-3/8" work-string and continued to TIH with 5.5" casing scraper to 2780'. TOOH. Removed 5.5" casing scraper and installed 5.5" CR. TIH and set CR at 2724'. R/U cementing services. Attempted to circulate hole with 74 bbls but was unsuccessful. Pumped plug #1 from 2724' to approximately 2504' the cover the Pictured Cliffs perforations and formation top. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged TOC at 2826'. TOOH. Secured and shut in well for the day. Received approval from John Ryza (Morningstar), Dustin Porch (BLM), and Monica Kuehling (NMOCD) to set another CR at 2674' and repump plug 1.
8/22/22	Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U CR. TIH. Set CR at 2658'. R/U Cementing

services. Circulated with 70 bbls of fresh water. Attempted to pressure test but was unsuccessful. Pumped plug #2 from 2685' to 2504' to cover the Pictured Cliffs perforations and formation top. TOOH and WOC 4 hours. TIH and tagged the top of Plug #2 at 2480'. R/U wireline services and ran CBL from 2480' to surface. Results were sent to BLM and NMOCD for review. TIH with tubing to 2480'. R/U cementing services. The decision was made to extend plug #2 from 2480' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TOOH and WOC overnight. Shut in and secured well.

- Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with 2-3/8" tag sub and tagged the top of plug #2 at 2080'. R/U cementing services. Re-pumped plug #2 from 2080' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TOOH and WOC 4 hours. TIH and tagged the top of plug #2 at 1761'. L/D 39 joints of 2-3/8" work string. R/U cementing services. Pumped plug #3 from 531' to 360' to cover the Nacimiento formation top. TOOH. WOC overnight. Shut in and secured well.
- 8/26/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH with 2-3/8" tag sub and tagged the top of plug #3 at 558'. Re-Pumped plug #3 from 558' to 360' to cover the Nacimiento formation top. L/D 8 joints and stood back 5 stands. WOC 4 hours. TIH with tubing to 407' but did not tag TOC. Sample cement on surface was still not cured. WOC an additional hour. Decision was made to shut down to WOC overnight. Shut in and secured well.
- 8/29/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. TIH with 2-3/8" tag sub and tagged Cement at 330'. L/D 2-3/8" work string. R/U wireline services and perforated at 172'. R/U cementing services. Pumped cement down casing, into perforations at 172'and out Braden Head at surface. N/D BOP and cut off wellhead. Installed P&A marker per NMDOC, and BLM regulations. Ran weighted tally tape down production casing and tagged Cement 28' down. Cement was at surface in surface casing. RIH with poly pipe and topped off casing to surface and filled cellar. R/D and MOL.

Plug Summary:

Plug #1: (2,880'-2,826', 25 Sacks Type III Cement)

Attempted to pump 25 sx of Type III cement on top of the CR set at 2724. The CR failed and cement was tagged at 2,826'. Received approval from John Ryza (Morningstar), Dustin Porch (BLM), and

Monica Kuehling (NMOCD) to set another CR at 2674' and repump plug 1.

Plug #2: (Pictured Cliffs Perforations. Pictured Cliffs, Fruitland, Ojo Alamo, and Kirtland Formation Tops 2,658'-1,761', 117 Sacks Type III Cement)

Set CR at 2658'. R/U Cementing services. Circulated with 70 bbls of fresh water. Attempted to pressure test but was unsuccessful. Pumped plug #2 from 2685' to 2504' to cover the Pictured Cliffs perforations and formation top. TOOH and WOC 4 hours. TIH and tagged the top of Plug #2 at 2480'. The decision was made to extend plug #2 from 2480' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TIH with 2-3/8" tag sub and tagged the top of plug #2 at 2080'. R/U cementing services. Re-pumped plug #2 from 2080' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TOOH and WOC 4 hours. TIH and tagged the top of plug #2 at 1761'.

Plug #3: (Nacimiento Formation Top 558'-330', 40 Sacks Type III Cement)

Pumped plug #3 from 531' to 360' to cover the Nacimiento formation top. TOOH. WOC overnight. TIH with 2-3/8" tag sub and tagged the top of plug #3 at 558'. Re-Pumped plug #3 from 558' to 360' to cover the Nacimiento formation top. WOC overnight. TIH with 2-3/8" tag sub and tagged Cement at 330'.

Plug #4: (Casing Shoe and Surface 172'-Surface', 84 Sacks Type III Cement [12 sx for top off])

R/U wireline services and perforated at 172'. R/U cementing services. Pumped cement down casing, into perforations at 172'and out Braden Head at surface. N/D BOP and cut off wellhead. Installed P&A marker per NMDOC, and BLM regulations. Ran weighted tally tape down production casing and tagged Cement 28' down. Cement was at surface in surface casing. RIH with poly pipe and topped off casing to surface and filled cellar.



P & A Daily Report

Company:	Morningstar Operating
Well Name:	Sheets A #002
API #:	30-039-06165

Date: 8/15/2022

WORK SUMMARY

MOL and R/U P&A rig. Checked well pressures (see pressures below). Bled down well. N/D wellhead. N/U BOP and function tested. Secured and shut in well for the day.

PLUG SUMMARY

Plug	<u>No</u>	Plug Depth	Sacks of Cement Used
Plug 1	То		
Plug 2	То		
Plug 3	То		
Plug 4	To		
Plug 5	То		
Plug 6	То		
Plug 7	То		
Plug 8	То		
Plug 9	To		

BRIDGE PLUG/CEMENT RETAINER SUMMARY	WELL PRESSURES	
<u>Depth Set</u>	Tubing	0 psi
	Casing	90 psi
	Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating
Well Name: Sheets A #002
API #: 30-039-06165

Date: 8/16/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. Changed out equipment for 1-1/4" tubing. R/U floor. L/D 135 joints of 1-1/4" tubing and 1 joint of perforated 1-1/4" tubing. Changed out equipment for 2-3/8" work-string. P/U 5.5" scraper and TIH to 626'. Stopped work due to rain and lightning. Secured and shut in well for the day.

PLUG SUMMARY

Plug I	<u>Vo</u>	Plug Depth		Sacks of Cement Used
Plug 1	То			
Plug 2	То		•	
Plug 3	То		•	
Plug 4	То			
Plug 5	То			
Plug 6	To		_	
Plug 7	To		_	
Plug 8	To		_	
Plug 9	То			

BRIDGE PLUG/CEMENT RETAINER SUMMARY	WELL PRESSURES	
Depth Set		
	Tubing	0 psi
	Casing	0 psi
	Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating

Well Name: Sheets A #002

API #: 30-039-06165 Date: 8/17/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. P/U 2-3/8" work-string and continued to TIH with 5.5" casing scraper to 2780'. TOOH. Removed 5.5" casing scraper and installed 5.5" CR. TIH and set CR at 2724'. R/U cementing services. Attempted to circulate hole with 74 bbls but was unsuccessful. Pumped plug #1 from 2724' to approximately 2504' the cover the Pictured Cliffs perforations and formation top. R/D cementing services. TOOH. WOC 4 hours. TIH and tagged TOC at 2826'. TOOH. Secured and shut in well for the day. Received approval from John Ryza (Morningstar), Dustin Porch (BLM), and Monica Kuehling (OCD) to set another CR at 2674' and repump plug 1.

PLUG SUMMARY

Plug	<u>No</u>		Plug Depth	Sacks of Cement Used
Plug 1	2880'	То	2826′	25 sx of Type III
Plug 2		To		
Plug 3		To		
Plug 4		То		
Plug 5		То		
Plug 6		То		
Plug 7		То		
Plug 8		То		
Plug 9		То		

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>		
2724' - failed	Tubing	0 psi
	Casing	0 psi
	Bradenhead Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating

Well Name: Sheets A #002

API #: 30-039-06165

Date: 8/22/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. P/U CR. TIH. Set CR at 2685'. R/U Cementing services. Circulated with 70 bbls of fresh water. Attempted to pressure test but was unsuccessful. Pumped plug #2 from 2685' to 2504' to cover the Pictured Cliffs perforations and formation top. TOOH and WOC 4 hours. TIH and tagged the top of Plug #2 at 2480'. R/U wireline services and ran CBL from 2480' to surface. Results were sent to BLM and NMOCD for review. TIH with tubing to 2480'. R/U cementing services. The decision was made to extend plug #2 from 2480' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TOOH and WOC overnight. Shut in and secured well.

PLUG SUMMARY

Plug	<u>No</u>		Plug Depth		Sacks of Cement Used
Plug 1	2880'	То	2826'		25 sx of Type III
Plug 2	2658'	To	1764		87 sx of Type III
Plug 3		To			
Plug 4		То		_	
Plug 5		То			
Plug 6		То			
Plug 7		То			
Plug 8		To		<u></u>	
Plug 9		To			

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2724' - failed
2685'

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating

Well Name: Sheets A #002

API #: 30-039-06165

Date: 8/24/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. TIH with 2-3/8" tag sub and tagged the top of plug #2 at 2080'. R/U cementing services. Re-pumped plug #2 from 2080' to 1764' to cover the Fruitland, Ojo Alamo, and Kirtland formation tops. TOOH and WOC 4 hours. TIH and tagged the top of plug #2 at 1761'. L/D 39 joints of 2-3/8" work string. R/U cementing services. Pumped plug #3 from 531' to 360' to cover the Nacimiento formation top. TOOH. WOC overnight. Shut in and secured well.

PLUG SUMMARY

Plug	<u>No</u>		Plug Depth		Sacks of Cement Used
Plug 1	2880'	То	2826'		25 sx of Type III
Plug 2	2658'	To	1761′	-	117 sx of Type III
Plug 3	532'	To	360'	-	20 sx of Type III
Plug 4		То		-	
Plug 5		То		_	
Plug 6		To		_	
Plug 7		То		_	
Plug 8		То		_	
Plug 9		To			

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2724' - failed
2685'

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating

Well Name: Sheets A #002 API #: 30-039-06165

Date: 8/26/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. TIH with 2-3/8" tag sub and tagged the top of plug #3 at 558'. Re-Pumped plug #3 from 558' to 360' to cover the Nacimiento formation top. L/D 8 joints and stood back 5 stands. WOC 4 hours. TIH with tubing to 407' but did not tag TOC. Sample cement on surface was still not cured. WOC an additional hour. Decision was made to shut down to WOC overnight. Shut in and secured well.

PLUG SUMMARY

<u>Plug</u>	<u>No</u>		Plug Depth	Sacks of Cement Used
Plug 1	2880'	То	2826'	25 sx of Type III
Plug 2	2658'	То	1761′	117 sx of Type III
Plug 3	558'	То	360'	40 sx of Type III
Plug 4		То		
Plug 5		То		
Plug 6		To		
Plug 7	-	To		
Plug 8		To		
Plug 9		То		

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2724' - failed
2685'

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi



P & A Daily Report

Company: Morningstar Operating

Well Name: Sheets A #002

API #: 30-039-06165

Date: 8/29/2022

WORK SUMMARY

Checked well pressures (see pressures below). Bled down well. TIH with 2-3/8" tag sub and tagged Cement at 330'. L/D 2-3/8" work string. R/U wireline services and perforated at 172'. R/U cementing services. Pumped cement down casing, into perforations at 172'and out Braden Head at surface. N/D BOP and cut off wellhead. Installed P&A marker per NMDOC, and BLM regulations. Ran weighted tally tape down production casing and tagged Cement 28' down. Cement was at surface in surface casing. RIH with poly pipe and topped off casing to surface and filled cellar. R/D and MOL.

PLUG SUMMARY

Plug	<u>No</u>		Plug Depth		Sacks of Cement Used
Plug 1	2880'	То	2826'		25 sx of Type III
Plug 2	2658'	To	1761'	•	117 sx of Type III
Plug 3	558'	То	330'	•	40 sx of Type III
Plug 4	172'	To	Surface	•	84 sx of Type III (12 sx
				_	for top off)
Plug 5		То		_	
Plug 6		To			
Plug 7		To		•	
Plug 8		То		_	
Plug 9		То		_	

BRIDGE PLUG/CEMENT RETAINER SUMMARY

<u>Depth Set</u>
2724' - failed
2685'

Tubing	0 psi
Casing	0 psi
Bradenhead	0 psi

KB = 10'

GL = 7,015'

Prepared by: JRyza

Date: 09/01/2022

API# 30-039-06165

Spud Date: 07/07/1956

Date Completed: 07/17/1956

MorningStar **Operating, LLC**

Sheets A 2 Rio Arriba County, NM

All depths include KB TD - 2,925'; PBTD - 2,880'

Surface Csg: 3 jts 9-5/8" 25.4#

Setting Depth: 122'

Cement 125 sx Cement **Cmt circulated**

Production Csg: 90 jts 5-1/2" 15.5# J-55

Setting Depth: 2925'

Cement: 150 sx cement Temp survey 1800'

Picture Cliffs Perfs (1957):

Perfs 2,762' - 2,788' (4spf) 2,841' - 2,864' (4spf)



PLUG 4 Perf casing at 172' 84 sx cement 172' - surface

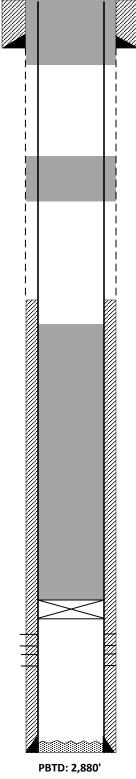
Nacimiento - 460' Ojo Alamo - 1,914' Kirtland - 2,202'

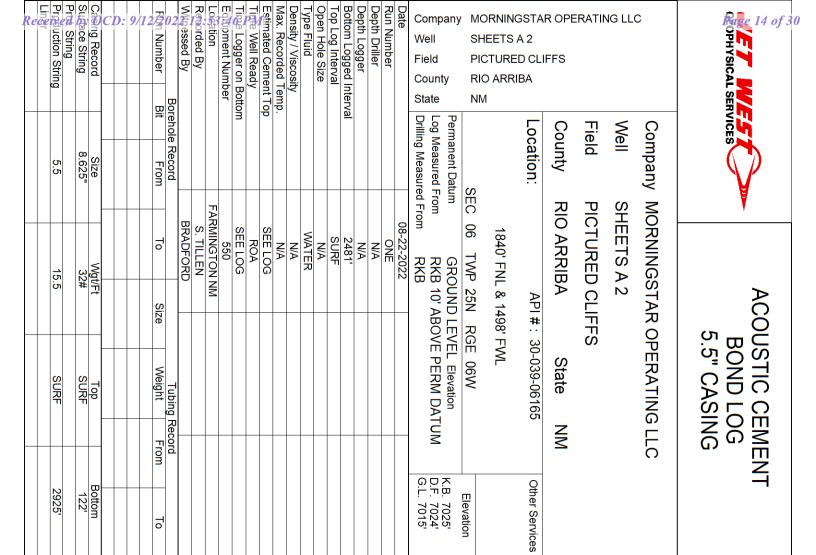
Fruitland - 2,430' Picture Cliffs - 2,762'

PLUG 3 (Nacimiento) 40 sx cement 330'-558'

PLUG 1&2 (PC, Fruitland, Kirtland, Ojo): 117 sx cement 1,761' - 2,685'

CICR set @ 2,685'





All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG WAS RAN ON WIRELINE MEASUREMENTS USING A 10' KB REPEAT AND MAIN PASS LOGGED WITH 0 PSI ON SURFACE

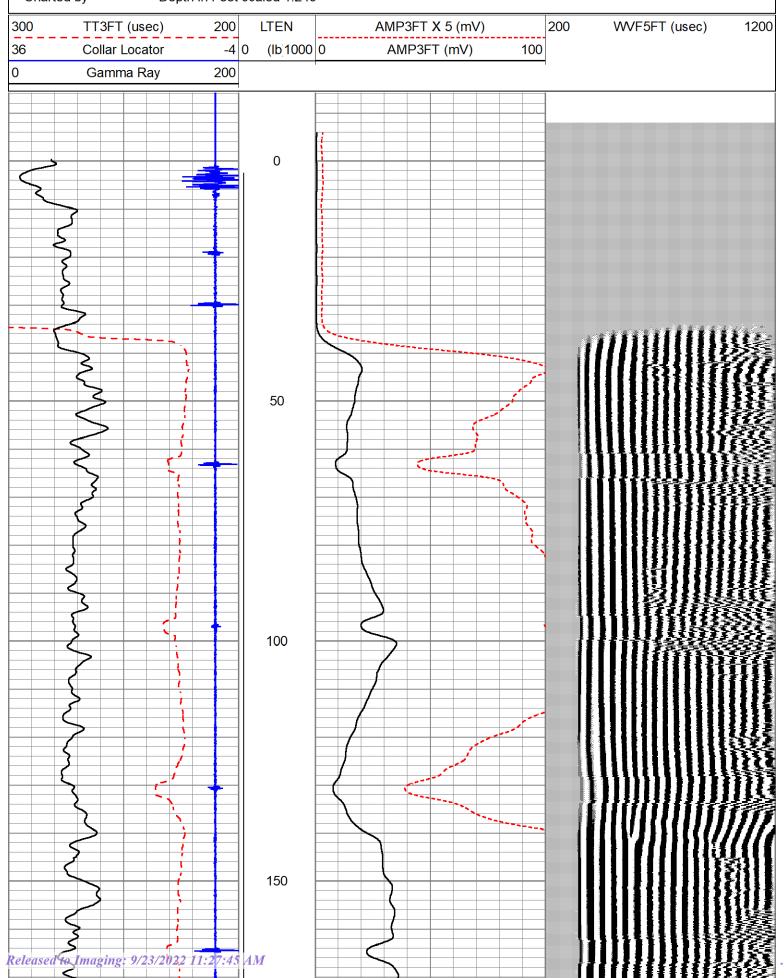


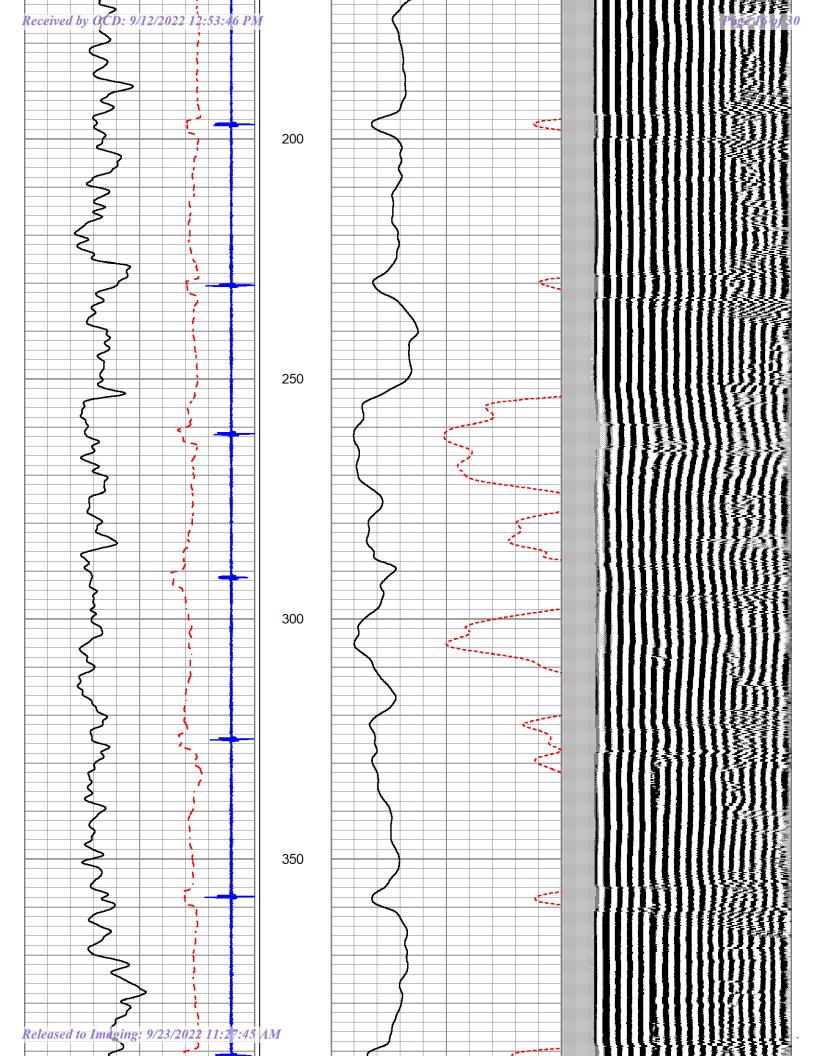
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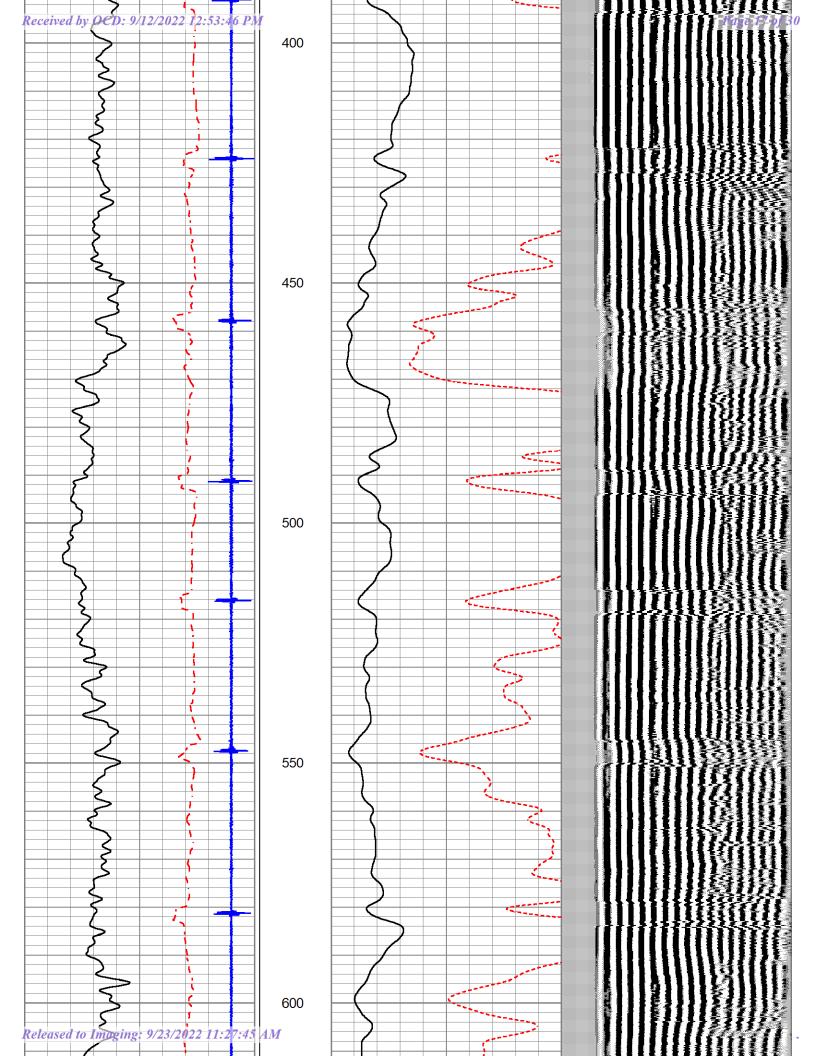
MAIN PASS

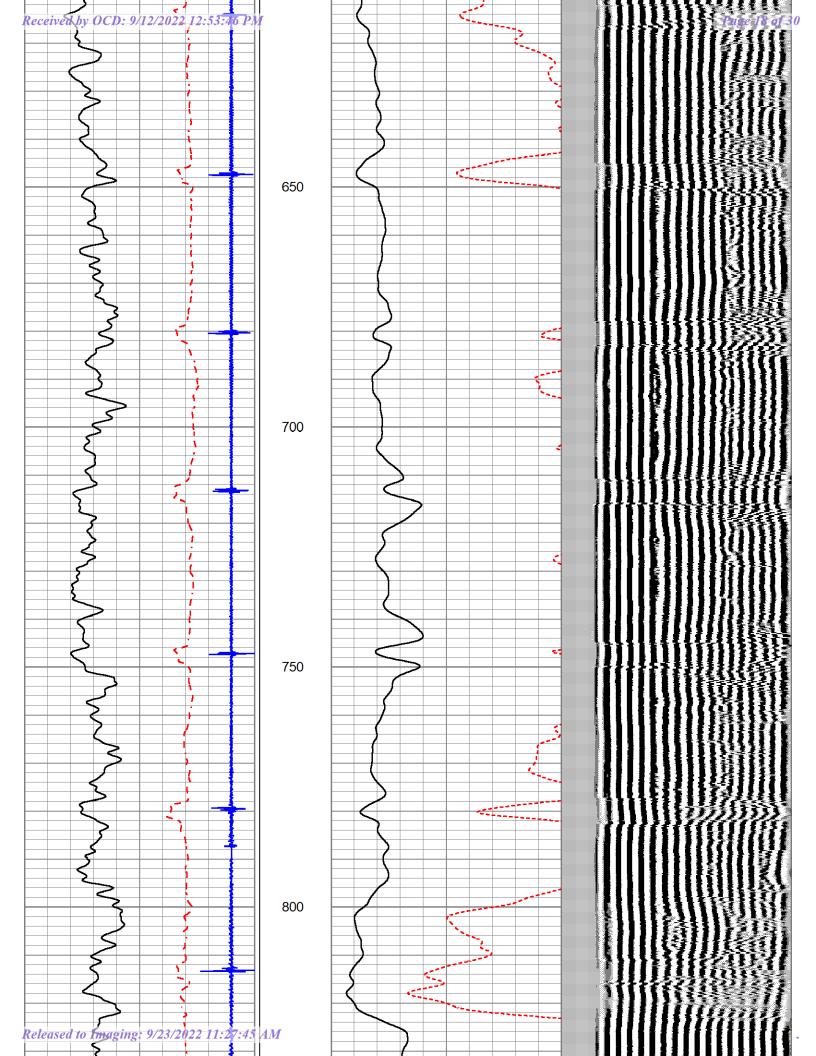
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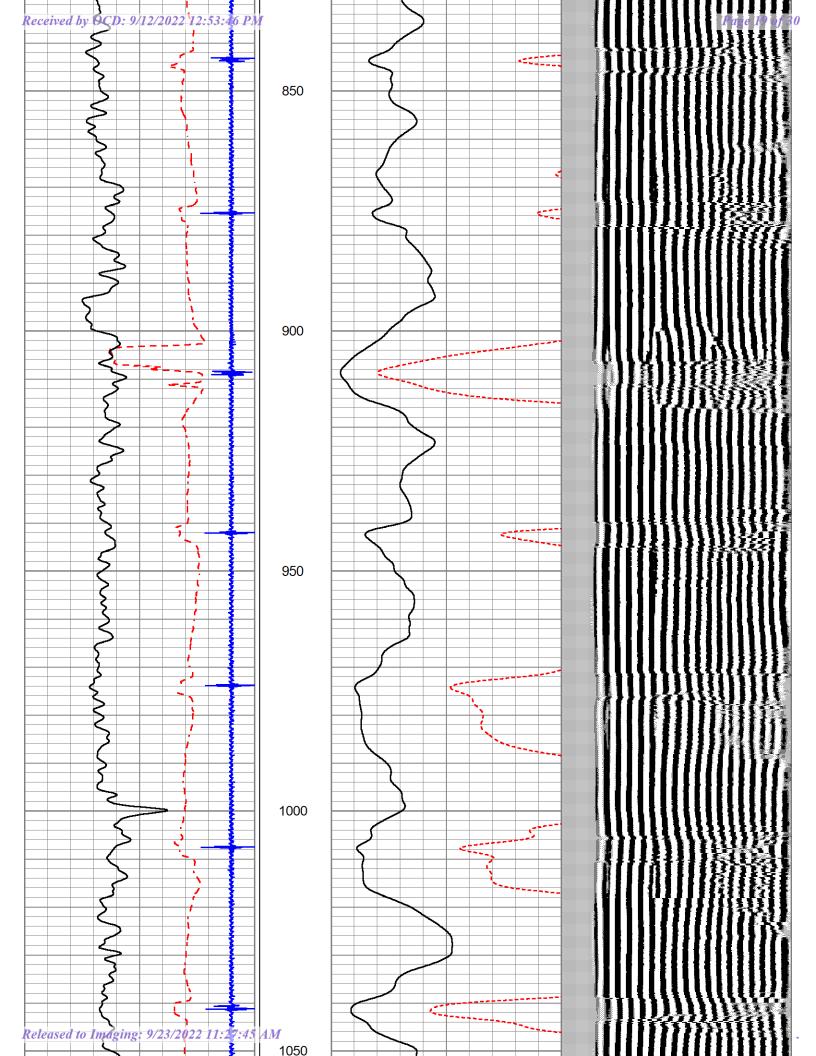
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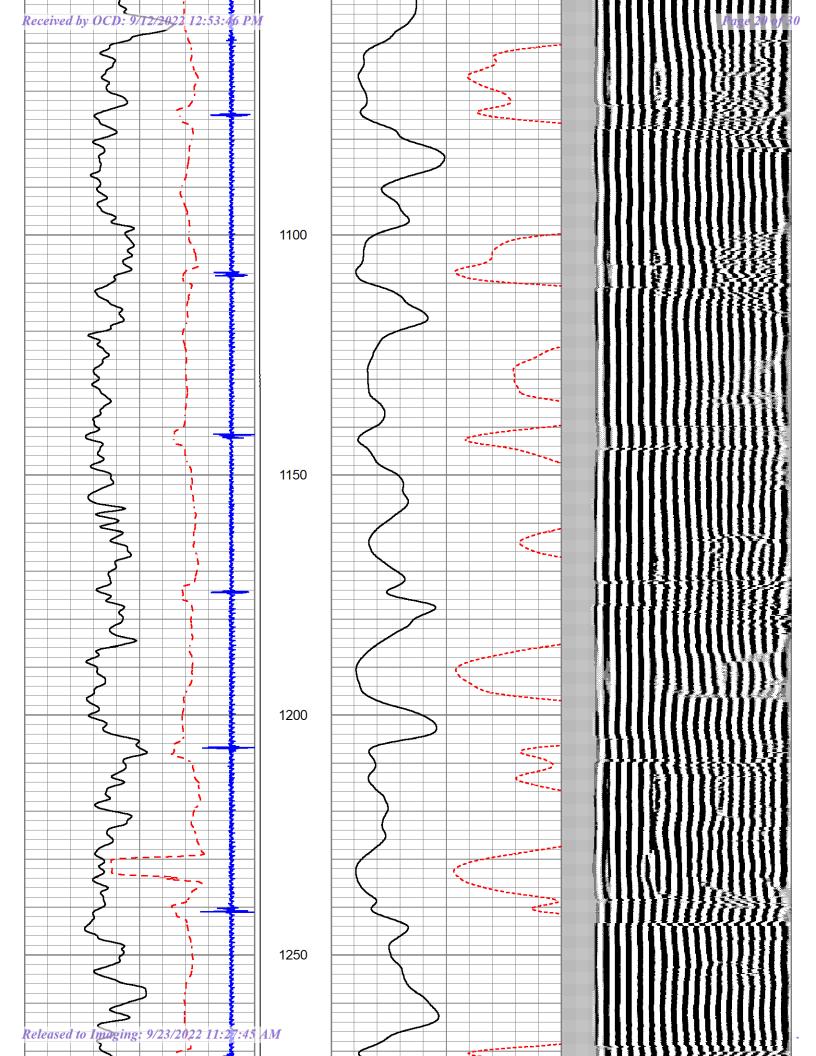


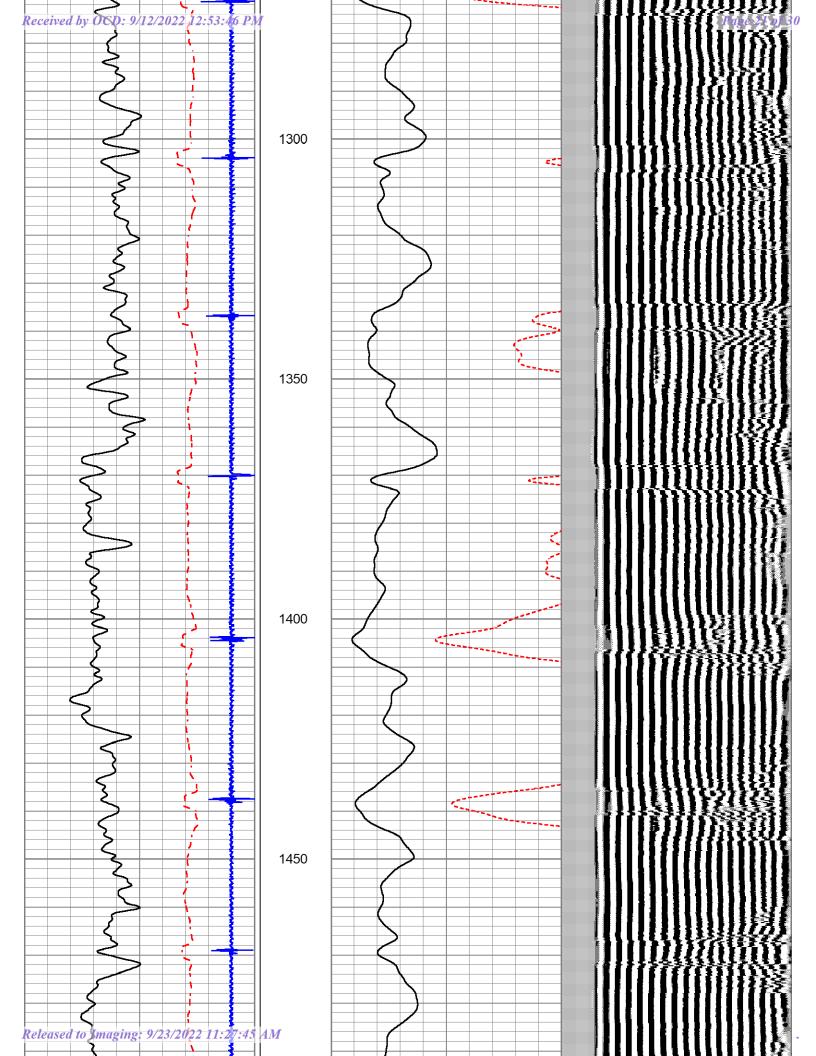


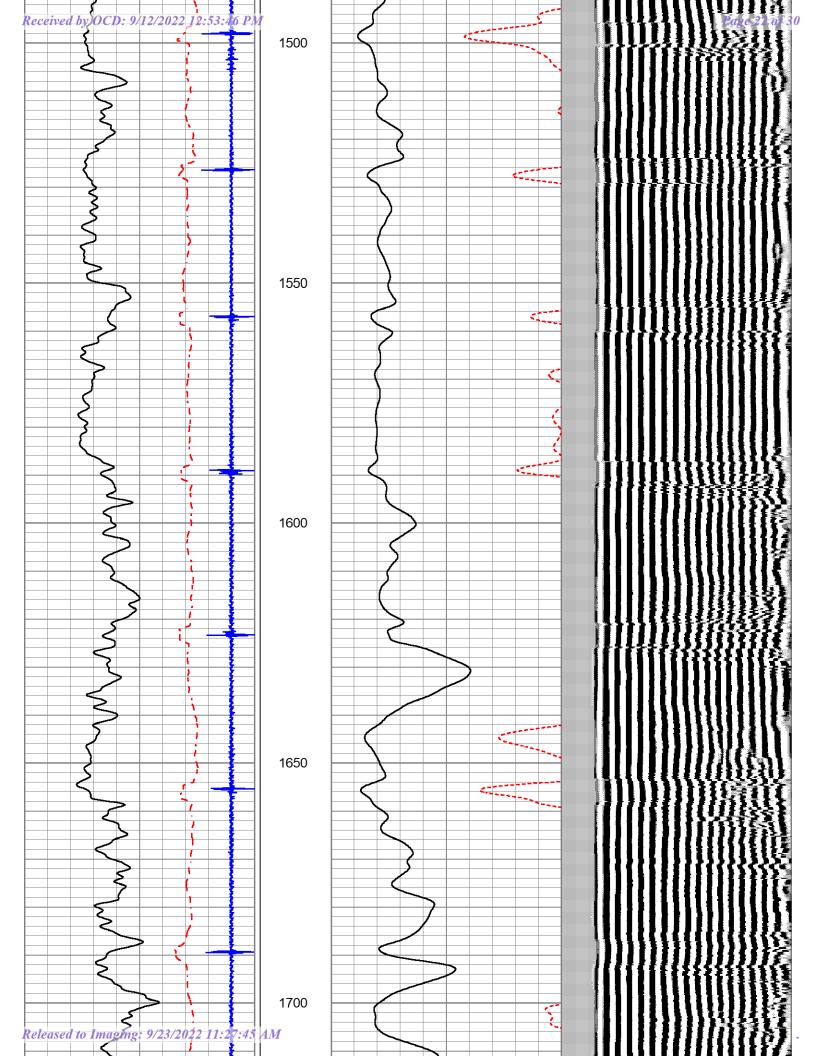


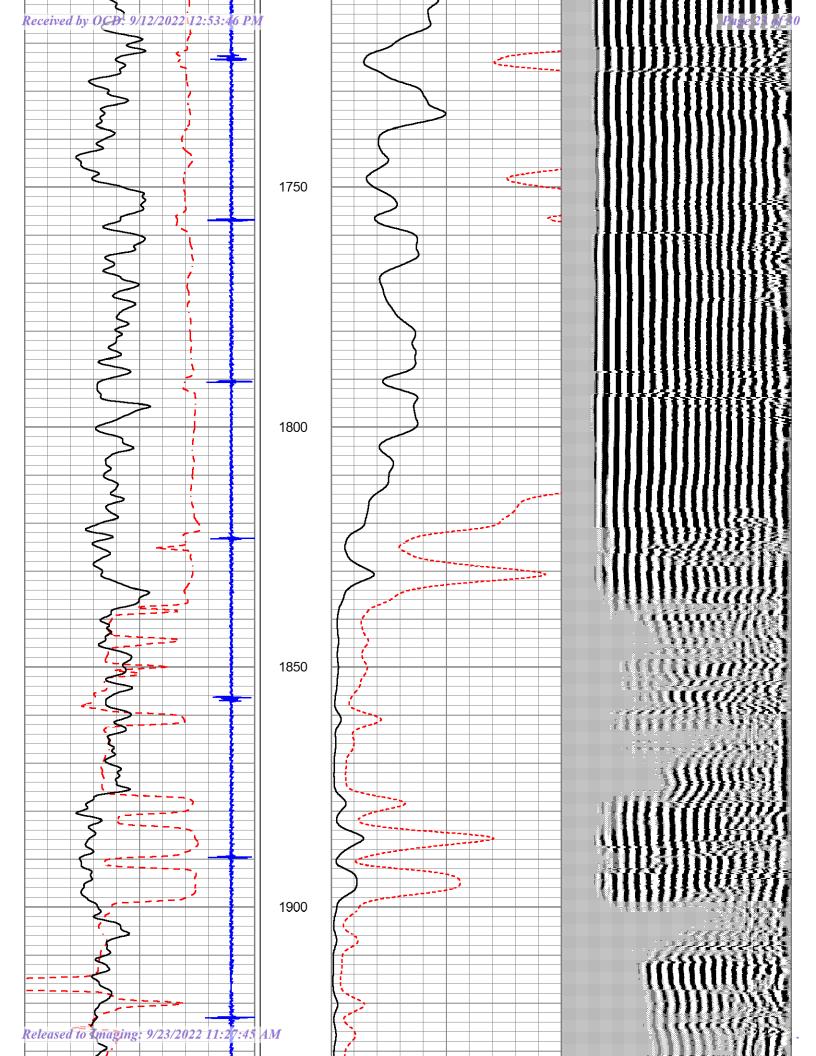


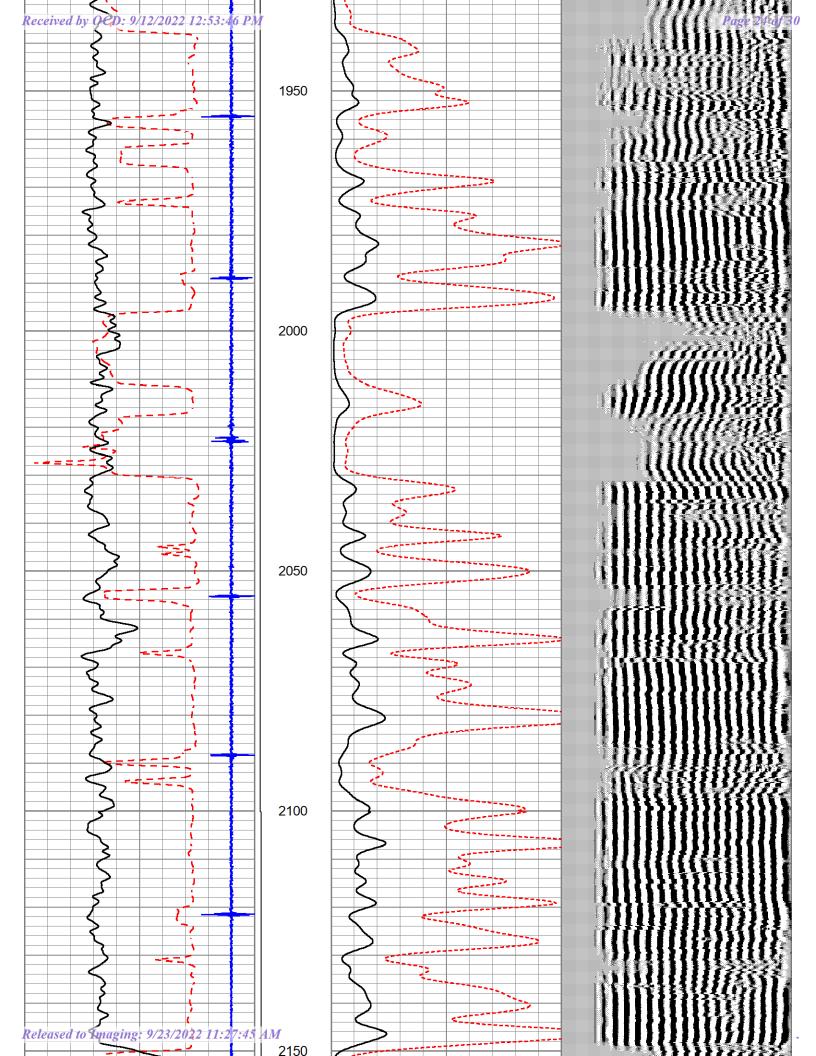


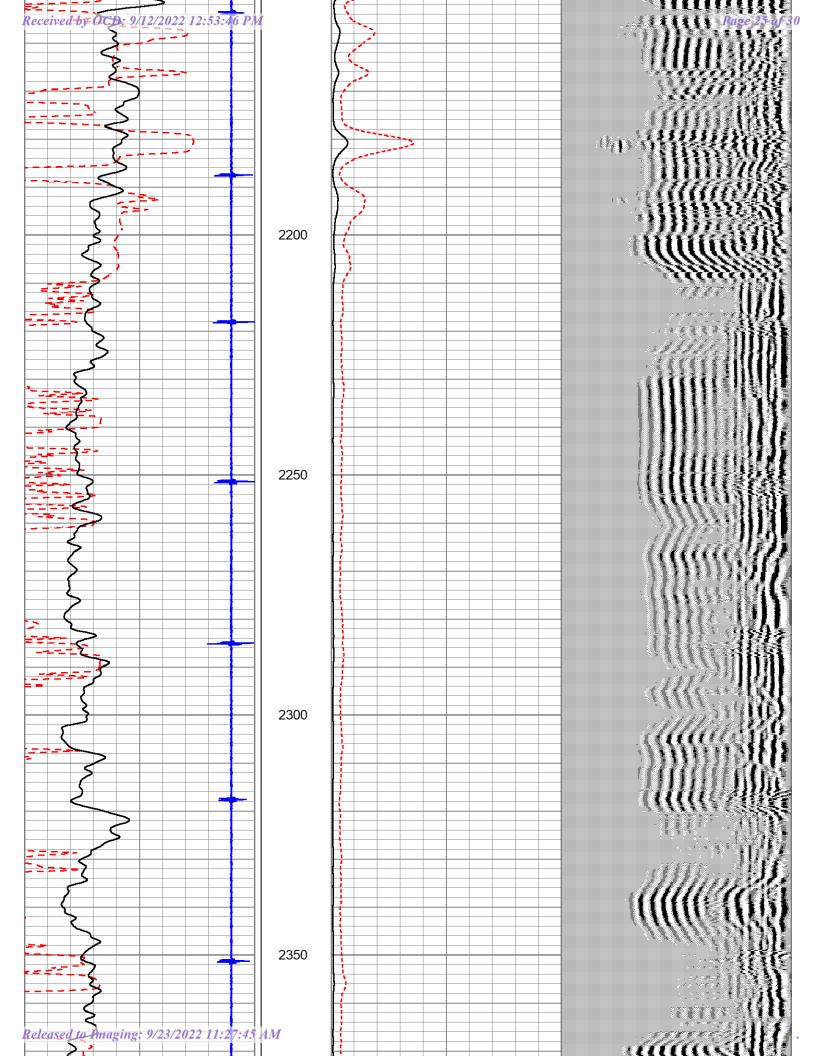


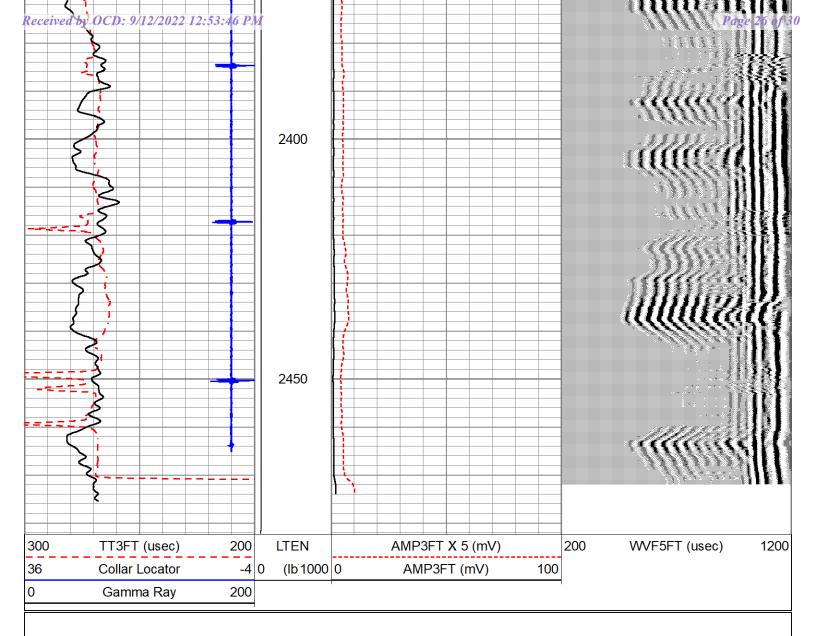














MAIN PASS



REPEAT PASS

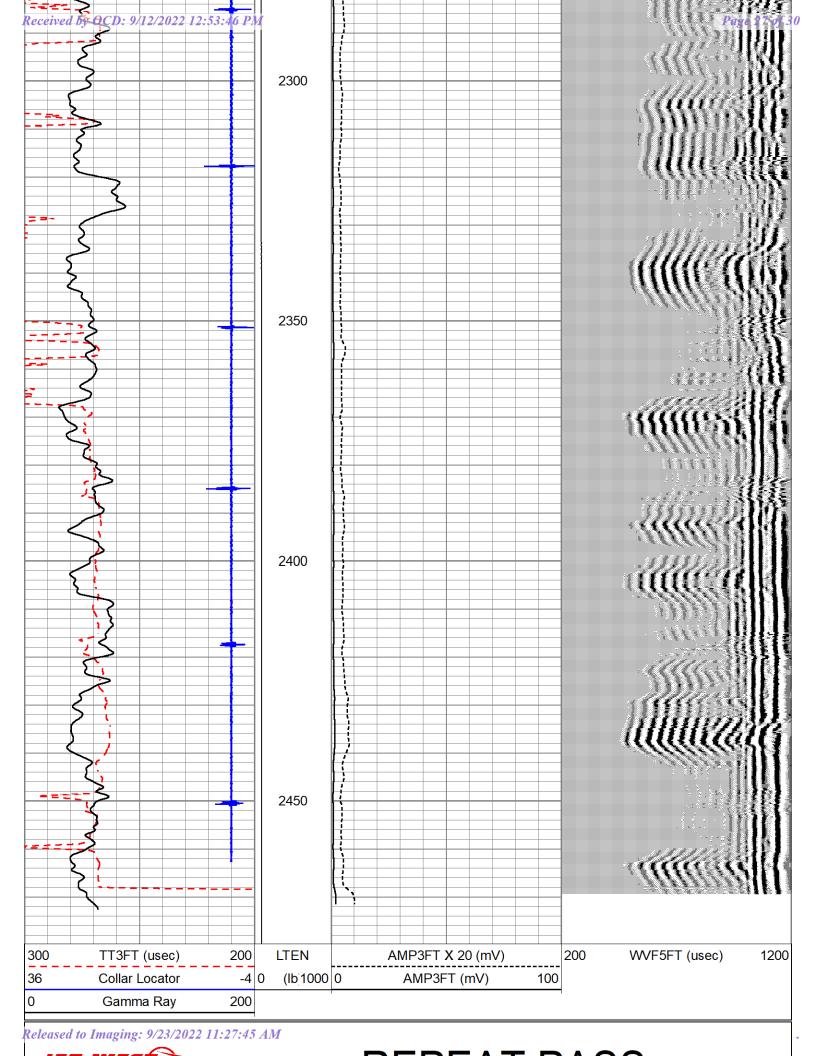
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Dataset Pathname pass2
Presentation Format scbl_dr

Released to Imaging: 9/23/2022 11:

Dataset Creation Mon Aug 22 13:21:22 2022 Charted by Depth in Feet scaled 1:240

300	TT3FT (usec)	200	LTEN	AMP3FT X 20 (mV)		200	WVF5FT (usec)	1200
36	Collar Locator	-4 C	(lb]1000	0 AMP3FT (mV)	100			
0	Gamma Ray	200				1		
	5	1						



REPEAT PASS

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
			CHD-AES (000001) Cable Head	1.04	1.69	2.00
			——CENT-TTN2.75	3.00	2.75	5.00
CCL	16.98	_	CCL-Titan (TTN_1) 2.75 TTN CCL	2.15	2.75	20.00
WVF3FT WVF5FT	11.27 — 10.27 —	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CBL-CBLTEKCO (TitanTekco1) Titan Tekco CBL	9.08	2.75	105.00
GR	4.44	_	GR-Titan (TTN_1) 275" TTN GR	4.02	2.75	77.00
Released to I	maging: 9/23/.	2022 11:27:43 AM	CENT-TTN2.75	3.00	2.75	5.00

1	Received by O	CD: 9/12/2	2022 12:53:46 Pallaset:	08222022drake.db: field/well/run1/pass2	Page 29 of 3	10
			Total length:	22.29 ft		
			Total weight:	214.00 lb		
			O.D.:	2.75 in		

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

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 142439

CONDITIONS

Operator:	OGRID:
MorningStar Operating LLC	330132
400 W 7th St	Action Number:
Fort Worth, TX 76102	142439
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Well plugged 8/29/2022- Need to submit CBL separately	9/23/2022