

BW-036

**Discharge Plan
Application for Brine
Extraction Facilities
& Form C-108**

May 26, 2022

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DISCHARGE PLAN APPLICATION FOR BRINE EXTRACTION FACILITIES

(Refer to the OCD Guidelines for assistance in completing the application)



New



Renewal

I. Facility Name: H.R.C. Inc. Brine Facility – Schubert Farms #001

II. Operator: H.R.C. Inc. (OGRID # 316329)
PO Box 5102
Hobbs, NM 88241

Contact Person: Gary M Schubert
Email: garymschubert@gmail.com

Office Phone: (575) 393 – 3194
Cell Phone: (575) 631-0962

III. Location: Section 25 Township 19S Range 39E
Latitude: 32.6375999, Longitude: -103.0988007 NAD83

Submit large scale topographic map showing exact location. See **Appendix A**

IV. Attach the name and address of the landowner of the facility site.

S & H Enterprises
P.O. Box 1606 Hobbs,
NM 88241

Lea County tax and ownership records attached. See **Appendix B**

V. Attach a description of the types and quantities of fluids at the facility.

This facility will have the capability of storing 2000 bbls of produced brine water in four 500 bbl. fiberglass storage tanks located in a lined pit above ground. The facility will also have the capability of storing 1500 bbls of effluent water for injection purposes in two 750 bbl. fiberglass tanks.

VI. Attach a description of all fluid transfer and storage and fluid and solid disposal facilities.

Recycled or effluent water will be pumped from the supply system through a meter into the two 750 bbl injection water storage tanks. The water will then be pumped from the two 750 bbl. water tanks through the centrifugal injection pump, down the well tubing, and into the salt formation at a rate of approximately 40 gpm at 255 psi. The water will return from the salt formation up the annulus and will travel to the four fiberglass brine storage tanks at a rate of approximately 30 gpm @ 25 psi. The produced brine will then be pumped by a centrifugal transfer pump from the well tanks to the peanut shed storage facility where it will be transferred to the ETZ Water Station on Nadine Rd. per sales demand.

There will be no solid disposal facilities at this location.

See **Appendix C** for Brine Facility layout and Peanut Shed Facility layout

VII. Attach a description of underground facilities (i.e. brine extraction well).

The only underground facilities will be a brine well and its piping construction. Enclosed is a schematic of the existing completion and a schematic of existing wellhead status. See **Appendix D**

VIII. Attach a contingency plan for reporting and clean-up of spills or releases.

H.R.C. Inc. recognizes the potential for leaks to occur in its production pipeline which is run on the surface from the well site to the storage facility. In order to address this concern H.R.C. Inc. has implemented a daily program to visually inspect the line for any leaks or discharges. Should a leak be detected the transfer pump will be shut down and the line will be shut in to allow for any repairs and to prevent any additional leakage. Once the situation is assessed, any reporting to the OCD will be done as required in the time frame specified by the OCD and any remediation will be performed as required.

All above ground piping and tanks at the well site will be visually inspected for leaks by company personnel during each site visit. (At least two times per day during routine well checks). Any problems such as leaks, spills or well abnormality will be taken to the attention of H.R.C. supervisor immediately. Supervisor will assess the problem and proceed with proper notification and repairs as OCD rule 116 requires.

IX. Attach geological/hydrological evidence demonstrating that brine extraction operations will not adversely impact fresh water.

The proposed site is located southeast of Hobbs, NM approximately 1.25 miles east of the end of McNeil St. The area is relatively flat with very little elevation differences. There is no surface water in close proximity to the proposed site. The average rainfall for this area is 12-15 inches annually. The 100 year the last recorded flood was in 1990, where 10 inches of rain was recorded in a 24 hour period. In normal conditions, rain soaks in and is absorbed into the soil as fast as it comes down. With the present facility design, it is highly unlikely any run off or run on of the property would occur. If, in the future, some problems were to occur, revisions to the discharge plan for this facility would be incorporated.

Geology

The proposed site is located on the Central Basin Platform of the Permian Basin. The sub-surface formations are in a transitional area between Delaware Basins back reef or shelf area and the platform. The brine product is from the Salado formation of the Ochoa series. The series of upper Permian Age, and extends across the Delaware Basin, Central Basin Platforms, thins and pinches out on the eastern shelf. This series of layers are predominately evaporates which contains strings of dolomite, shale, siltstone, and sandstone. The thickness of this salt section averages about 1000'. The Triassic rock overlaying the Permian formation is the Dockem group, and is divisible into the Santa Rosa sandstone and the Chinle formation. The Tertiary rocks are represented by the Ogallala formation. This formation ranges in thickness from 0' to 300'. It is chiefly calcareous, unconsolidated sand, clay, tilt, and gravel. This is the formation from which most of Lea County obtains its drinking water.

Hydrology

Underground aquifers in this area are the Ogallala and Quaternary Alluvium formations. The groundwater in these formations is unconfined where the underlying red beds are relatively impermeable. This underlying layer presents further downward or upward movement. From information reviewed, the groundwater flow from the Ogallala formation flows to the south southeast, the water level for this area ranges from 50' to 70' below ground level and the average depth of the wells are 150'. Find within the list of water wells in the general area and analytical from one of the wells.

X. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

Quarterly Monitoring Plan

H.R.C. Inc will comply with all general facility operations requirements set forth in the discharge permit approval conditions. These general requirements include Quarterly Water monitoring of Monitor Well Water, Injected Water, & Produced Brine Water. The environmental data results from these tests shall be reported in the Annual Report. In addition to the quarterly water monitoring plan, a solution cavern monitoring program shall also be implemented.

Surface Subsidence Monitoring Plan

H.R.C. Inc. proposes to have three surveys performed at the well site, monitoring the three survey markers in place. The surveyor will also monitor the top of the well casing during these three surveys. H.R.C. Inc. will employ a professional surveyor to perform these surveys and will submit the results to the OCD within 15 days of completion. The results of these three surveys will also be included in the Annual Report. See **Appendix E** for the most current survey showing the monitoring plan.

APPENDIX A





Lea County

GIS INTERNET REPORT

Page 1 of 3



Assessment Information

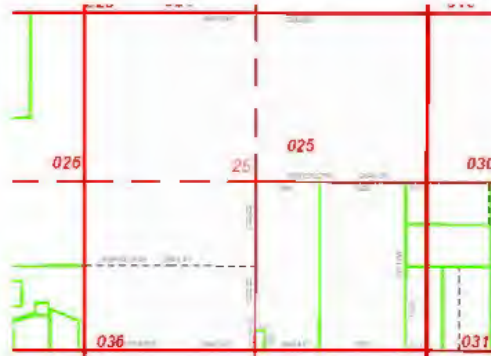
OWNER NUMBER: 76352
PARCEL NUMBER: 4000763520001

UPC CODE: 4000763520001

Owner Information	
Owner:	S & H ENTERPRISES
Mailing Address:	PO BOX 1606 HOBBS NM 88241
Property Address:	

Subdivision Information	
Name:	
Unit:	
Block	
Lot:	

Legal Information
481.10 AC BEING N2 & SW4



Lea County, New Mexico Disclaimer

Information deemed reliable but not guaranteed. Copyright ©2012.
 MAP TO BE USED FOR TAX PURPOSES ONLY. NOT TO BE USED FOR CONVEYANCE.



Lea County

GIS INTERNET REPORT

Page 2 of 3



Other Information			
Taxable Value:	\$29,534.00	Deed Book:	493
Exempt Value:	\$0.00	Deed Page:	659
Net Value	\$29,534.00	District:	160
Livestock Value:	\$0.00	Section:	25
Manufactured Home Value:	\$0.00	Township:	19
Personal Property:	\$0.00	Range:	38
Land Value:	\$88,602.00	Date Filed:	
Improvement Value:	\$0.00	Most Current Tax:	\$843.74
Full Value:	\$88,602.00	Year Recorded:	

Square Foot and Year Built listed only to be used for comparative purposes, NOT to be used for commerce.

Lea County, New Mexico Disclaimer

Information deemed reliable but not guaranteed. Copyright ©2012.
MAP TO BE USED FOR TAX PURPOSES ONLY. NOT TO BE USED FOR CONVEYANCE.



Lea County

GIS INTERNET REPORT

Page 3 of 3



Lea County, New Mexico Disclaimer

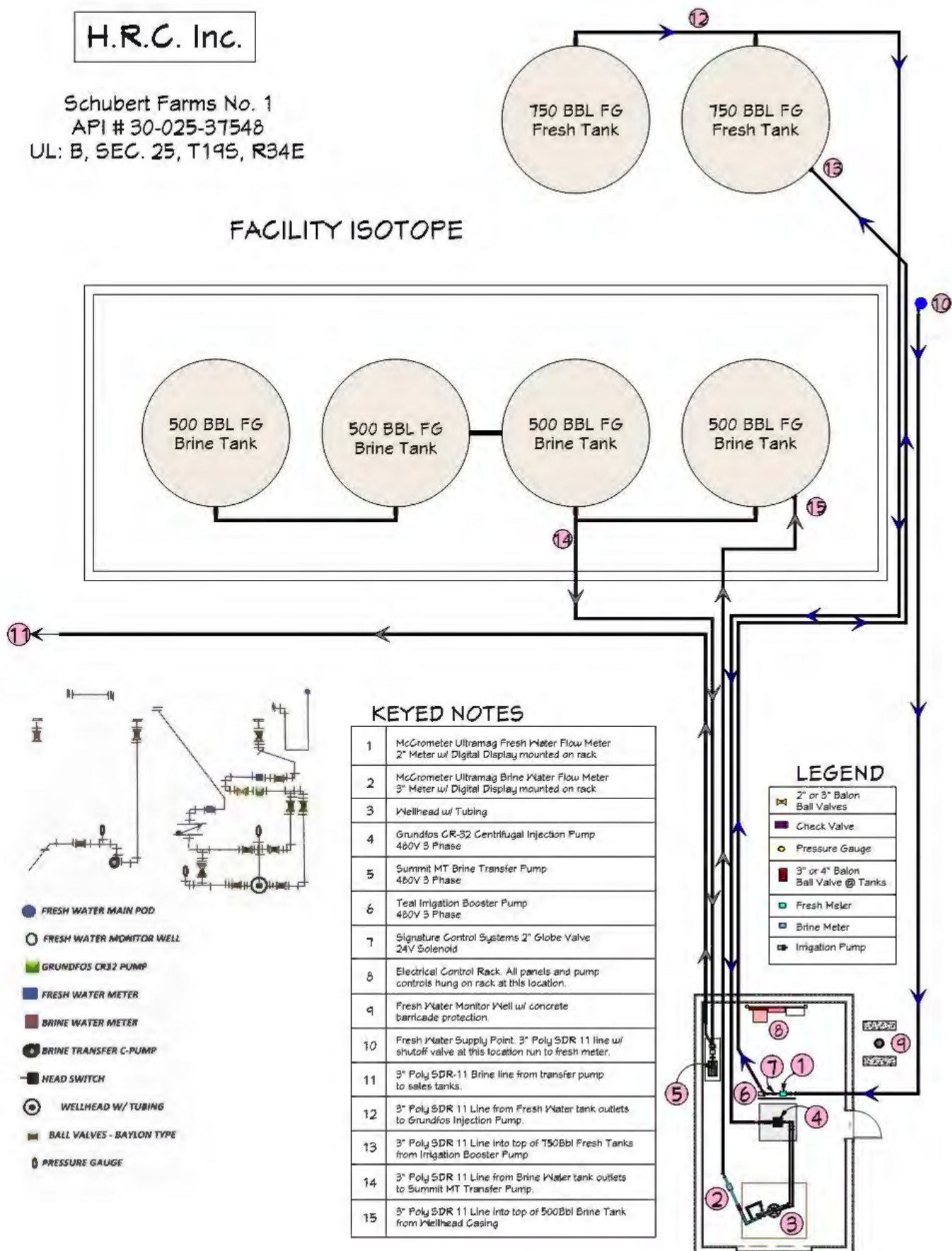
Information deemed reliable but not guaranteed. Copyright ©2012.
MAP TO BE USED FOR TAX PURPOSES ONLY. NOT TO BE USED FOR CONVEYANCE.

APPENDIX C

H.R.C. Inc.

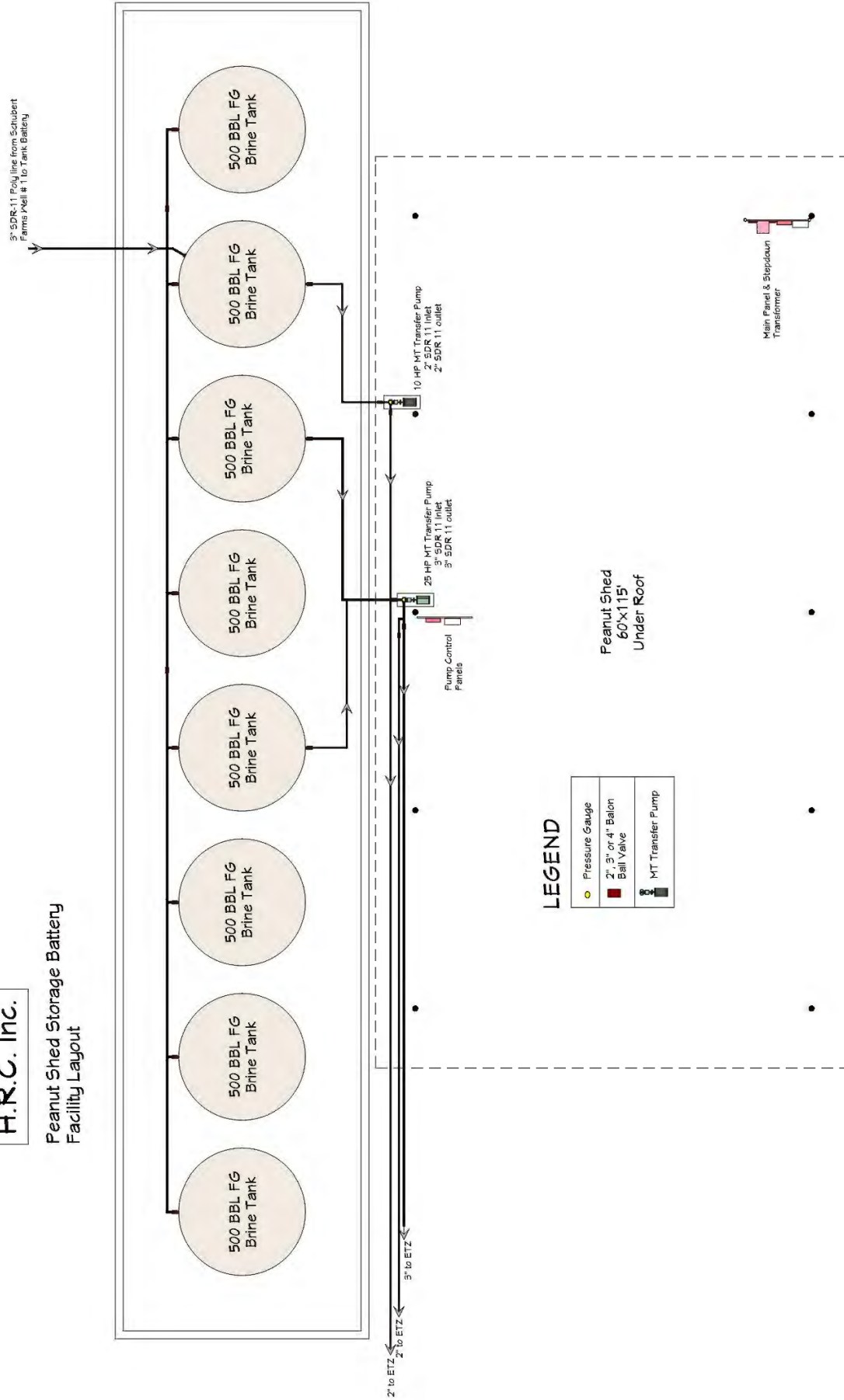
Schubert Farms No. 1
API # 30-025-37548
UL: B, SEC. 25, T19S, R34E

FACILITY ISOTOPE



H.R.C. Inc.

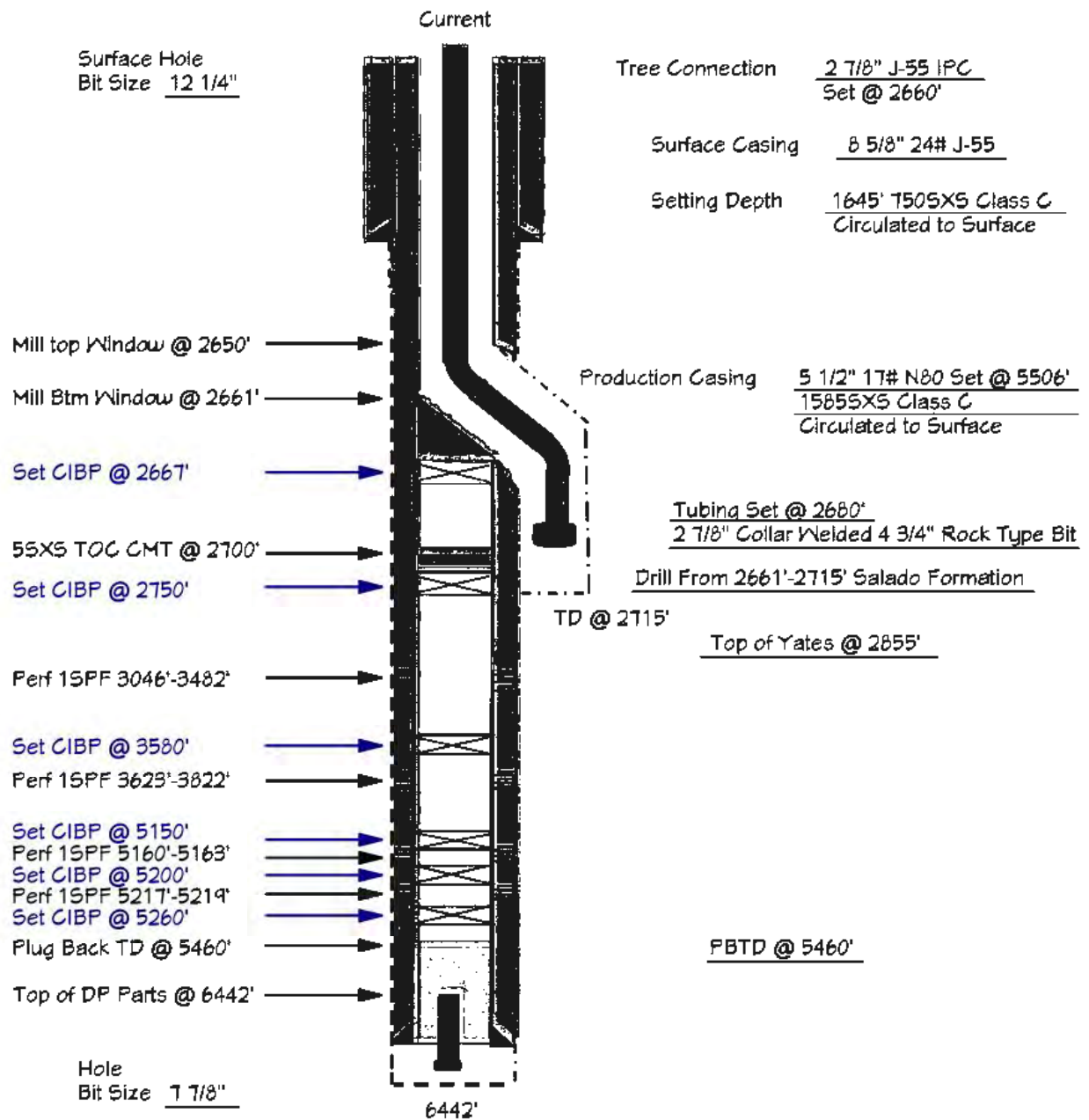
Peanut Shed Storage Battery Facility Layout



APPENDIX D

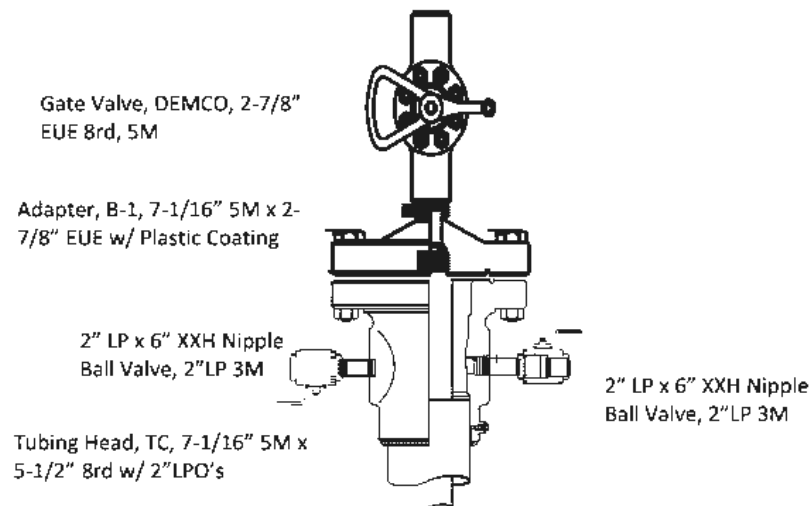
H.R.C. Inc.

Schubert Farms Well #1 BW-36
330 FNL, 1650 FEL, Unit (B), Sec. 25, T19S, R38E
API # 30-025-37548
Lea County, NM





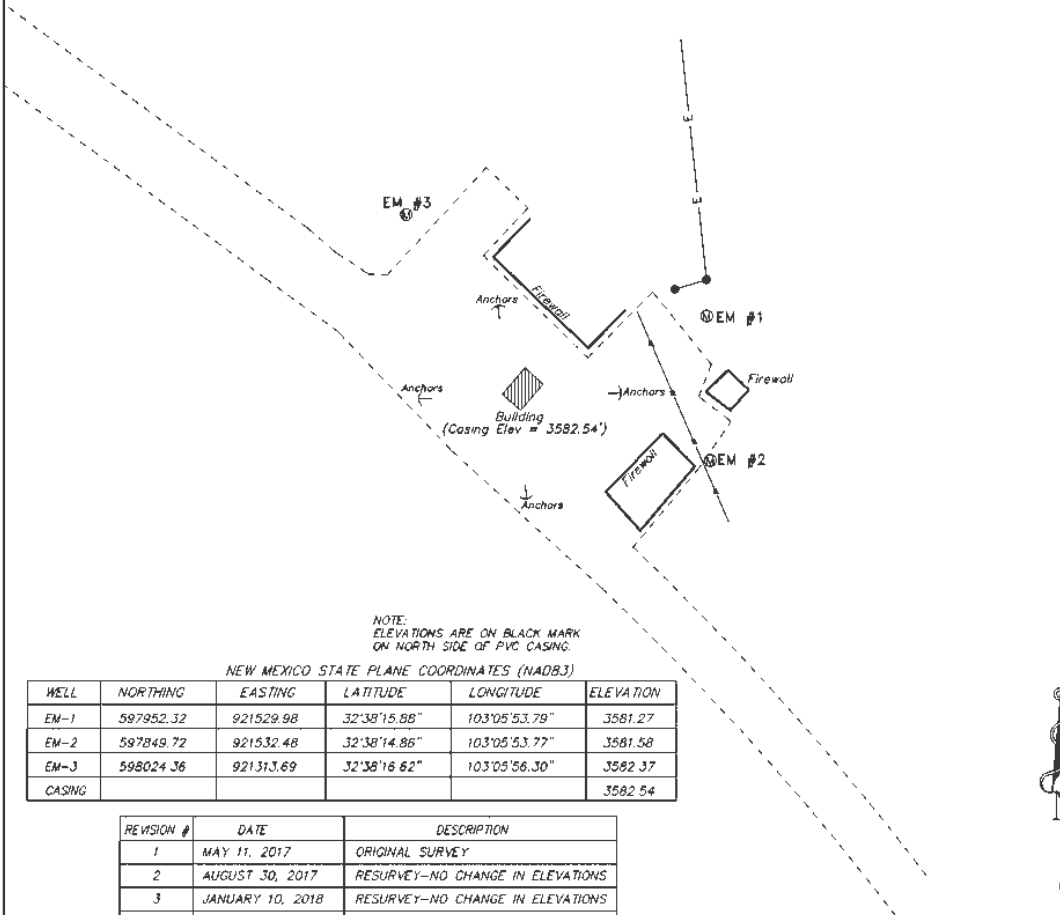
Schubert Farms # 1 Wellhead Drawing



Drawn by TEM 5/19/2022

APPENDIX E

SECTION 25, TOWNSHIP 19 SOUTH, RANGE 38 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

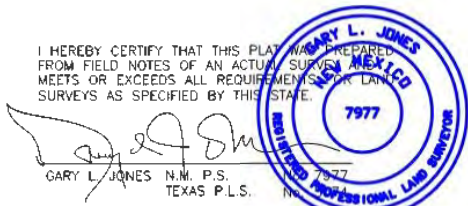


REVISION #	DATE	DESCRIPTION
1	MAY 11, 2017	ORIGINAL SURVEY
2	AUGUST 30, 2017	RESURVEY-NO CHANGE IN ELEVATIONS
3	JANUARY 10, 2018	RESURVEY-NO CHANGE IN ELEVATIONS
4	MAY 1, 2018	RESURVEY-NO CHANGE IN ELEVATIONS
5	SEPTEMBER 5, 2018	RESURVEY-NO CHANGE IN ELEVATIONS
6	JANUARY 15, 2019	RESURVEY-NO CHANGE IN ELEVATIONS
7	MAY 7, 2019	RESURVEY-NO CHANGE IN ELEVATIONS
8	OCTOBER 14, 2019	RESURVEY-NO CHANGE IN ELEVATIONS
9	JANUARY 31, 2020	RESURVEY-NO CHANGE IN ELEVATIONS
10	MAY 12, 2020	RESURVEY-NO CHANGE IN ELEVATIONS
11	SEPTEMBER 9, 2020	RESURVEY-NO CHANGE IN ELEVATIONS
12	JUNE 21, 2021	RESURVEY-NO CHANGE IN ELEVATIONS
13	Sept. 30, 2021	RESURVEY-NO CHANGE IN ELEVATIONS
14	December 27, 2021	RESURVEY-NO CHANGE IN ELEVATIONS
15	March 8, 2022	RESURVEY-NO CHANGE IN ELEVATIONS

- NOTE:
- SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE WHICH DESCRIBE IN DETAIL THE RECONSTRUCTION OF THIS SECTION.
 - COORDINATES AND BEARINGS ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 83, NEW MEXICO EAST ZONE AND DISTANCES ARE OF SURFACE VALUE.
 - ELEVATIONS BASED OFF GOVERNMENT TRI-STATION GOVERNMENT TRI-STATION DESIGNATION: E 98, PID: CV0314 N: 609823 89, E: 907545 93, ELEV 3602.22
 - WELLS HAVE NOT REDUCED IN ELEVATION SINCE MAY 11, 2017.

100 0 100 200 FEET
SCALE: 1" = 100'

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY, MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES N.M. P.S.
TEXAS P.L.S. No. 7977

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 35623 Drawn By: K. GOAD

Date: 03-09-2022 Disk: KJG - SCHUBERT FARMS 35623 Survey Date: 03-08-2022 Sheet 1 of 1 Sheets

REF: ELEVATION MARKERS

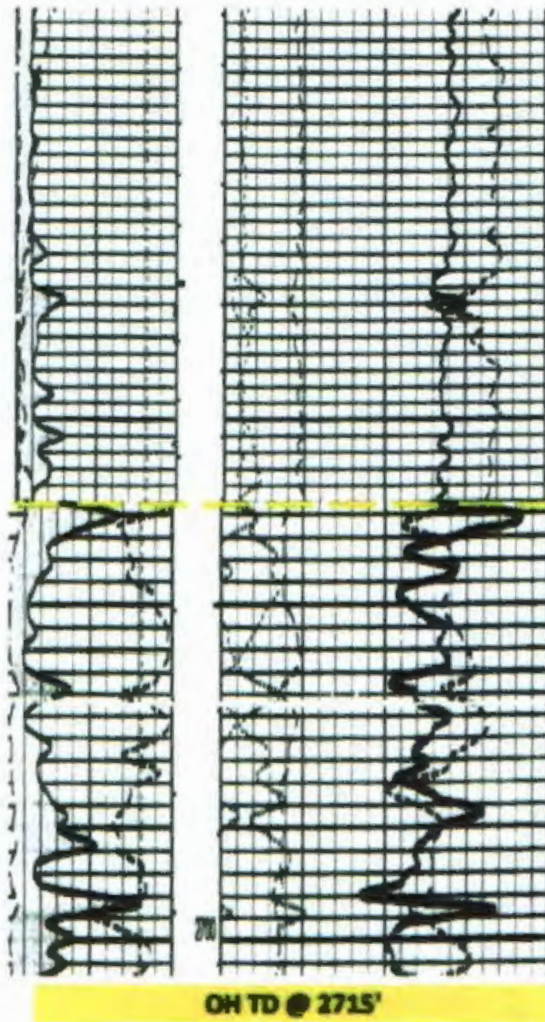
ELEVATION MARKERS LOCATED IN
SECTION 25, TOWNSHIP 19 SOUTH, RANGE 38 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

APPENDIX F

Schubert Farms Well No1
API 30-025-37548
B SEC 25 T19S R38E
LAT: 32.6375999 LONG:-103.0988007

2 7/8" J-55 6.5# IPC

CAVERN SIZE BY CUBIC FOOT OF VOLUME



PPG 9.97 brine
PPG 8.34 fresh
SG 1.1951

Total Brine bbl.
122.136 Lbs / Bbl = Lbs Halite
 / (80 Lbs / Cu.Ft.) = Cu.Ft.

$$V = \pi R^2 h / 3$$

$$V = (3.14159 * 183.19^2) * (54') / 3$$

$$V = 1,897,785 \text{ Cu.Ft.}$$

Est. Height is
Est. Cavern Floor Diameter is

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION (OCD)
WATER QUALITY CONTROL COMMISSION (WQCC) OCD DISCHARGE PERMIT BOND

BOND NO. 1142959
OCD PERMIT BW-036
AMOUNT OF BOND \$89,415.00
COUNTY Lea

File with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505

KNOW ALL MEN BY THESE PRESENTS:

That H.R.C. Inc., (an individual – if dba must read – Example: John Doe dba ABC Services) (a general partnership) (a corporation), (limited liability company) (limited partnership) organized in the State of New Mexico, and authorized to do business in the State of New Mexico, as PRINCIPAL, and H.R.C. Inc., a corporation organized and existing under the laws of the State of New Mexico, and authorized to do business in the State of New Mexico, as SURETY, are firmly bound unto the State of New Mexico, for the use and benefit of the Oil Conservation Division of the Energy, Minerals and Natural Resources Department (or successor agency) (the DIVISION), pursuant to 20.6.2.5210.B(17) NMAC, 20.6.2.5006 NMAC, and 20.6.2.3107.A(11) NMAC, in the sum of \$89,415.00, for the payment of which the PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, the PRINCIPAL does or may own or operate a "Facility" (identified by location only below) and/or one or more wells (identified by location(s) below) for the injection of fresh and non-fresh water, remediation fluids (i.e., Class I (NH) Disposal Well or Class V Pump & Treat Injection Well), oilfield exempt, non-exempt and/or geothermal produced fluid waste(s) into the subsurface for use in connection with oil, gas and/or geothermal activities, which well is classified as a Division Underground Injection Control Class I, III or V Injection Well pursuant to the 20.6.2.5002 et seq. NMAC, the identification and location(s) of said well(s) being:

Schubert Farms Brine Well #1 API No. 30-025-37548, located 330 feet from the
(Name of Well)
North (North/South) line and 1650 feet from the East (East/West) line
of Section 25 Township 19 South (North) (South), Range 39 East (East) (West),
NMPM, and Latitude 32.63759 Longitude 103.09880 County Lea, New Mexico.

NOW, THEREFORE, if the PRINCIPAL and SURETY or either of them, or their successors or assigns or any of them, shall: (a) cause said well(s) to be properly plugged and abandoned when no longer productive or useful for other beneficial purpose in accordance with the WQCC rules and/or orders of the DIVISION; and (b) take all measures necessary, as required by the DIVISION by OCD Permit No. BW-036 pursuant to 20.6.2 and 20.6.4 NMAC, as such rules now exist or may hereafter be amended, to prevent contamination of ground water having 10,000 milligrams per liter (mg/l) or less concentration of total dissolved solids (TDS), including, but not limited to, surface and ground water restoration if applicable, and post-operational monitoring.

THEN AND IN THAT EVENT, this obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

H.R.C., Inc.
PRINCIPAL
PO Box 5011
Hobbs, NM 88241
Address
By _____
Signature

Title

If PRINCIPAL is a corporation, affix
Corporate seal here

Lexon Insurance Company
SURETY
2307 River Road, Suite 200
Louisville, KY 40206
Address

Jill Kemp, Attorney-in-Fact

Corporate surety affix
Corporate seal here

(If dba, must read – Example: John Doe dba Well Services)

Notary Public

Notary Public

Notary Public

Date _____

POWER OF ATTORNEY

LX- 291529

Lexon Insurance Company

KNOW ALL MEN BY THESE PRESENTS, that **LEXON INSURANCE COMPANY**, a Texas Corporation, with its principal office in Louisville, Kentucky, does hereby constitute and appoint: Brook T. Smith, Raymond M. Hundley, Jason D. Cromwell, James H. Martin, Barbara Duncan, Sandra L. Fusinetti, Mark A. Guidry, Jill Kemp, Lynnette Long, Amy Meredith, Deborah Neichter, Theresa Pickerrell, Sheryon Quinn, Bonnie J. Rowe, Beth Frymire, Michael Dix its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **LEXON INSURANCE COMPANY** on the 1st day of July, 2003 as follows:

Resolved, that the President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed \$5,000,000.00, Five Million dollars, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Assistant Secretary, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **LEXON INSURANCE COMPANY** has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 5th day of August, 2015.



LEXON INSURANCE COMPANY

BY

David E. Campbell
President

ACKNOWLEDGEMENT

On this 5th day of August, 2015, before me, personally came David E. Campbell to me known, who be duly sworn, did depose and say that he is the President of **LEXON INSURANCE COMPANY**, the corporation described in end which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.



AMY TAYLOR
Notary Public- State of Tennessee
Davidson County
My Commission Expires 07-08-19

BY

Amy Taylor
Notary Public

CERTIFICATE

I, the undersigned, Assistant Secretary of **LEXON INSURANCE COMPANY**, A Texas Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the forgoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Seal at Mount Juliet, Tennessee this 19th Day of Jan, 2017.



BY

Andrew Smith
Assistant Secretary

"WARNING: Any person who knowingly and with intent to defraud any Insurance company or other person, files and application for insurance of claim containing any materially false information, or conceals for the purpose of misleading, information concerning any fact material thereto, commits a fraudulent insurance act, which is a crime and subjects such person to criminal and civil penalties."

APPENDIX H

H.R.C. Inc.
P.O. Box 5102
Hobbs, NM 88241

ANALYSIS OF BRINE WELL CLOSING EXPENSES
Schubert Farms Well #1
API# 30-025-36781

PLUG & ABANDON COSTS

\$49,150.00	Well Plugging, Pulling Unit, Tools, Etc. (Lucky Services)
\$20,268.00	Trucking, Rental Equipment, Water, Misc. (Lucky Services)
\$5000.00	Cementing (Spinnaker Oilfield)
	Contingency
\$74,418.00	Total Plug & Abandon Costs

TANK/SURFACE EQUIPMENT/ETC.

\$51,615.00	Remove Tanks (Includes Cleaning) (1 st Backhoe)
	Remove & Haul off signs, concrete, fencing, etc. (1 st Backhoe)
	Removal of Pit Liner & Berm Material (1 st Backhoe)
	Removal of Production Pipeline (1 st Backhoe)
	Reseeding (1 st Backhoe)
\$6500.00	Supervision & Contingency
\$58,115.00	Total Surface Restoration Costs

SUBSURFACE MONITORING

\$20,000.00	Surveying Expenses (\$1000.00 x 5 years x 4 Quarter / Year)
\$5,000.00	Office Expenses (Reporting at \$1000 / Year)
\$25,000.00	Total Subsurface Monitoring Costs

\$157,533.00	Total Closure Plan Costs
---------------------	---------------------------------



OFFICE: (575)392-1547 • FAX: (575) 433-1547
P.O. BOX 610 • 6210 LOVINGTON HWY. • HOBBS, NM 88241

ESTIMATE

DATE	INVOICE NO.
5/24/2022	N/A

BILL TO:

H.R.C. INC.
P.O. BOX 5102
HOBBS, NM 88241

CONTACT: GARY SCHUBERT

SALES TAX CODE: NM

LEASE: SCHUBERT FARMS WELL #1

CUSTOMER NO: 00-HRC

DESCRIPTION	QUANTITY	PRICE EACH	AMOUNT
Well Service Unit	6 Days	\$3500.00 / Day	\$28,000.00
Pump Truck w/ Water	4 Days	\$1100.00 / Day	\$8800.00
Tongs, Rig Tools, Etc.	4 Days	\$275.00 / Day	\$1100.00
BOP Rental	6 Days	\$500.00 / Day	\$3000.00
Other Misc. Tools			\$2000.00
Anchor Test			\$500.00
Pipe Racks			\$2000.00
Welder			\$750.00
CIBP (Third Party)			\$2000.00
Subcontractors, Etc.			\$1000.00
		TOTAL	\$49,150.00

H.R.C. Inc
Schubert Farms Well 1 BW-36
API #:30-025-37548
Sec 25, T19S, R38E
Lea County, NM
Proposal #33720001
Service point Hobbs, New Mexico
5/24/2022

Price Book Version 020222-1

Prepared for:

Gary Schubert
H.R.C. Inc
garymschubert@gmail.com

Prepared by:

Dillon Bellamy
Operations Engineer I
dillon.bellamy@spinnakeroil.com
(405) 328-1026

Contact:

Sam Carpenter
Operations Coordinator
lance.carpenter@spinnakeroil.com
(575) 552-2286

Contact:

David Davis
Operations Coordinator
david.davis@spinnakeroil.com
(575) 241-3844

5/24/2022

Thank You For Your Business!!!

H.R.C. Inc
Schubert Farms Well 1 BW-36
Lea County, NM



Ref. #	Description	Quantity	Unit Price	Sub Total	Total
***** Cementing Service and Materials *****					
MLPU1	Pickup Mileage 1 unit (roundtrip miles)	50	\$3.94	\$197.00	\$98.50
MLHE2	Heavy Vehicle Mileage 2 units (roundtrip miles)	50	\$13.56	\$678.00	\$339.00
MLTN	Bulk Cement Delivery/Return (per Ton-Mile)	177	\$2.73	\$483.21	\$241.61
MXBK	Bulk Material Mixing Service Charge (Per cu.ft.)	150	\$3.03	\$454.50	\$227.25
SG36	Swage, 4 1/2" - 13 3/8" (per day)	1	\$423.50	\$423.50	\$211.75
PC5KPS	Pump Charge Plug/Sqz 0-5000' (Per 4 hrs)	2	\$8,250.00	\$16,500.00	\$8,250.00
VALV12	1" to 2" valves	2	\$393.25	\$786.50	\$393.25
DAQ	Data Acquisition System	1	\$1,331.00	\$1,331.00	\$665.50
FLSCG	Fuel Surcharge (per unit/per job)	2	\$605.00	\$1,210.00	\$605.00
ENVFEE	Environmental Fee	1	\$211.75	\$211.75	\$105.88
DAMSS	Data Monitoring System/Supervisor	1	\$800.00	\$800.00	\$400.00
CIRON	Circulation Equipment (40' of equipment per job)	2	\$1,512.50	\$3,025.00	\$1,512.50
CPRMP	Class C Cement (per sack)	300	\$44.87	\$13,461.00	\$6,730.50
CRETDA	SR-4 (per lb)	28	\$4.58	\$129.16	\$64.58
Additional Items if used					
PCADD	Primary Pump Unit Addl Hours	0	\$594.50	\$0.00	\$0.00
DERKC	Derrick Charge (Cement Head Stabbing Above 8 ft)	0	\$726.00	\$0.00	\$0.00
CDFDIAL	ATF Cement Defoamer (per gal)	0	\$29.50	\$0.00	\$0.00
FOAMB6	6" Foam Ball (each)	4	\$105.50	\$422.00	\$422.00
CSUGAR	Sugar (per lb)	0	\$1.47	\$0.00	\$0.00
	Book Price			\$40,112.62	
	Estimated Total (Exclusive of Sales Tax)				\$20,267.31

5/24/2022

Thank You For Your Business!!!

1ST BACKHOE SERVICES, LLC
323 W. HICKMAN DR.
HOBBS, NM 88240
575-318-1383



Estimate

Date	Invoice #
5/25/2022	n/a

Bill To:

H.R.C. Inc.
P.O. Box 5102
Hobbs, NM 88241

Location	P.O. No.
Schubert Farms #1	

Quantity	Description	Rate	Amount
1	<p>Provide Vac Truck to purge & clear all flow lines</p> <p>Roustabout Crew to break out/dismantle all tank connections & haul away Connections & lines.</p> <p>Load & Haul Tanks to owners storage yard</p> <p>Remove all pit lining from containment area and dispose</p> <p>Remove all tank berm material and haul away</p> <p>Remove all signs, fencing, etc. from location</p> <p>Smooth out location & reseed with BLM mixture</p> <p>Labor, Materials, & Equipment</p>		\$51,615.00
All Past Due Invoices are subject to a FINANCE CHARGE of 1.5% which is an ANNUAL RATE of 18%		Total	\$51,615.00

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: ☐ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage ☒ Brine Production
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. OPERATOR: H.R.C. Inc.
ADDRESS: PO Box 5102 Hobbs, NM 88241
CONTACT PARTY: Gary M Schubert PHONE: (575) 631-0962 EMAIL: garymschubert@gmail.com
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.
Additional sheets may be attached if necessary.
- See Attached **APPENDIX A**
- IV. Is this an expansion of an existing project? ☐ Yes ☒ No
If yes, give the Division order number authorizing the project: _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- See Attached **APPENDIX B**
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- See Attached **APPENDIX C**
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 - Average Rate – 1300 Bbls/day @ 37gpm
 - Maximum Rate – 1440 Bbls/day @ 42gpm
 2. Whether the system is open or closed;
 - This is a closed system
 3. Proposed average and maximum injection pressure;
 - Average Injection Pressure – 255psi
 - Maximum Injection Pressure – 270psi
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
 - Source – Effluent or Recycled water See **Appendix D** for an analysis of injected water from Cardinal Laboratory
 - All water sources will be unsaturated which will dissolve salt from the formation and return as saturated brine.
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
 - Injection is not for disposal.
- *VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- This information was submitted on a previous C-108 pages 124-150 on OCD file bw-36_06_28_2017_08_11_34_a.pdf (BW-036 Permit Application, Renewals, & Mods 2016)
- IX. Describe the proposed stimulation program, if any.
- No stimulation is proposed.
- *X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- A cement bond log was performed on June 21, 2016. See **Appendix E** for the log file.
- *XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- This information was submitted on a previous C-108 pages 117-118 on OCD file bw-36_06_28_2017_08_11_34_a.pdf (BW-036 Permit Application, Renewals, & Mods 2016)
 - See **Appendix F** for a chemical analysis from the monitor well located at the Schubert Farms Well #1 well site.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.

- This is not a disposal well. However H.R.C. Inc. has examined the available geologic and engineering data and find no evidence of faults or any other hydrologic connection between the zone of injection and any other underground sources of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

- Proof of notice is to be done in accordance with WQCC Public Notice & Permitting flowchart. Specifically in accordance with NMAC 20.6.2.3108. Attached is a map showing the adjoining properties and a notification list of those identified properties. H.R.C. Inc. will provide notice by certified mail to those parties listed.
- H.R.C. Inc will provide notice in accordance of subsection F of 20.6.2.3108 NMAC
- H.R.C. Inc. will post a synopsis of the public notice on 2'x3' signs in both English and Spanish in space that is conspicuous to the public for the term specified by the department.
- H.R.C. Inc. will publish this same synopsis in a display advertisement not in the classifieds or legal advertisement section in the Hobbs News Sun.
- See **Appendix G** for the map and notification list of adjacent property owners.

XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: GARY M. SCHUBERT TITLE: PRES.

SIGNATURE: Gary M. Schubert DATE: 5/26/22

E-MAIL ADDRESS: GARYMSCHUBERT@GMAIL.COM

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: See Notes made under each of these sections for dates and circumstances pertaining to information previously submitted.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

APPENDIX A

III. Well Data

A(1) Lease Name: Schubert Farms

Well No.: Schubert Farms #001, API# 30-025-37548

Location: Unit B Section 25 Township 19S Range 38E, 330' FNL, 1650' FEL

A (2) Casing string

Surface casing

Size: 8 5/8"

Setting Depth: 1600'

Sacks of cement: 325

Hole size: 12 1/4"

Top of cement: Surface

How top determined: Circulated to surface

Production casing

Size: 5 1/2"

Setting Depth: 8000'

Sacks of cement: TBD

Hole size: 7 7/8"

Top of cement: Surface

How top determined: Circulated to surface

A(3) Tubing

Size: 2 7/8"

Lining Material: Plastic lined interior coated

Setting depth: 2700'

A(4) Packer

Name: None

Model: N/A

Setting Depth: N/A

See attached schematic.

B(1) Injection formation: Salado formation of the Ochoa series

B(2) Depth and perforated or open-hole: Open hole terminating at approximately 2850'

B(3) Well originally drilled for oil production.

B(4) Existing plugging detail:

CIBP at 3580'

CIBP at 5150'

CIBP at 5260'

CIBP at 5460'

Proposed plugging detail:

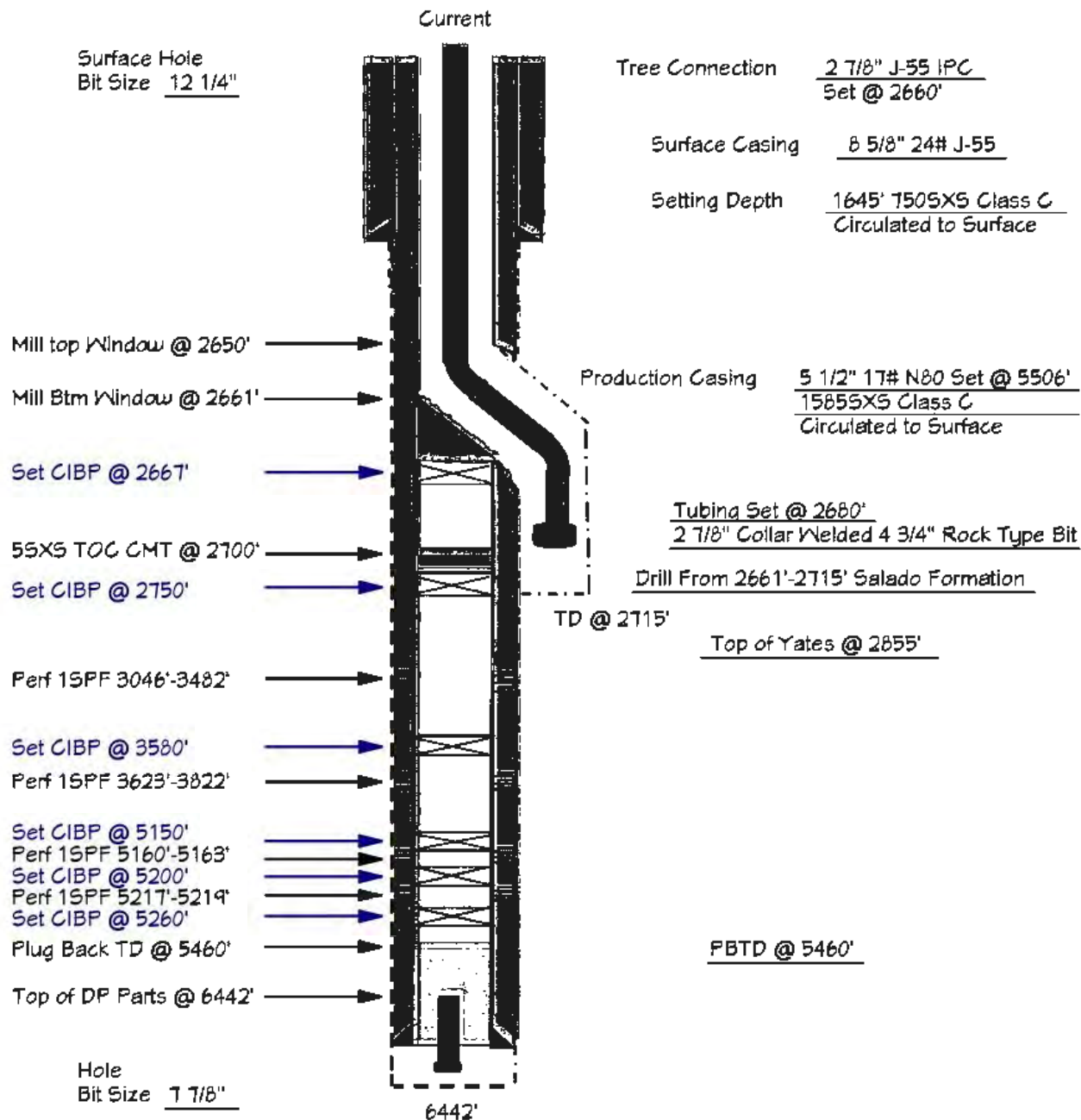
CIBP at 2800' then 200' of cement for a top of cement depth of 2600'

Drill through and exit the production casing at 2600' and enter the salt formation

B(5) Depth to and name of next higher and lower oil or gas zone
 Higher oil or gas zone: None
 Lower oil or gas zone: 7012' to Drinkard

H.R.C. Inc.

Schubert Farms Well #1 BWN-36
 330 FNL, 1650 FEL, Unit (B), Sec. 25, T19S, R38E
 API # 30-025-37548
 Lea County, NM



INJECTION WELL DATA SHEET

OPERATOR: HRC Inc.

WELL NAME & NUMBER: Schubert Farms Well #1 ; API 30-025-37548

WELL LOCATION: 330' FNL, 1650' FEL B 25 19S 38E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATICWELL CONSTRUCTION DATA

Surface Casing

See Attached Above

Hole Size: 12 1/4"Casing Size: 8 5/8"Cemented with: 325 sx.or _____ ft³Top of Cement: Surface

Method Determined: _____

Intermediate CasingHole Size: N/ACasing Size: N/A

Cemented with: _____ sx.

or _____ ft³

Top of Cement: _____

Method Determined: _____

Production CasingHole Size: 7 7/8"Casing Size: 5 1/2"Cemented with: 625 sx.or _____ ft³Top of Cement: Surface

Method Determined: _____

Total Depth: 8000'Injection Interval

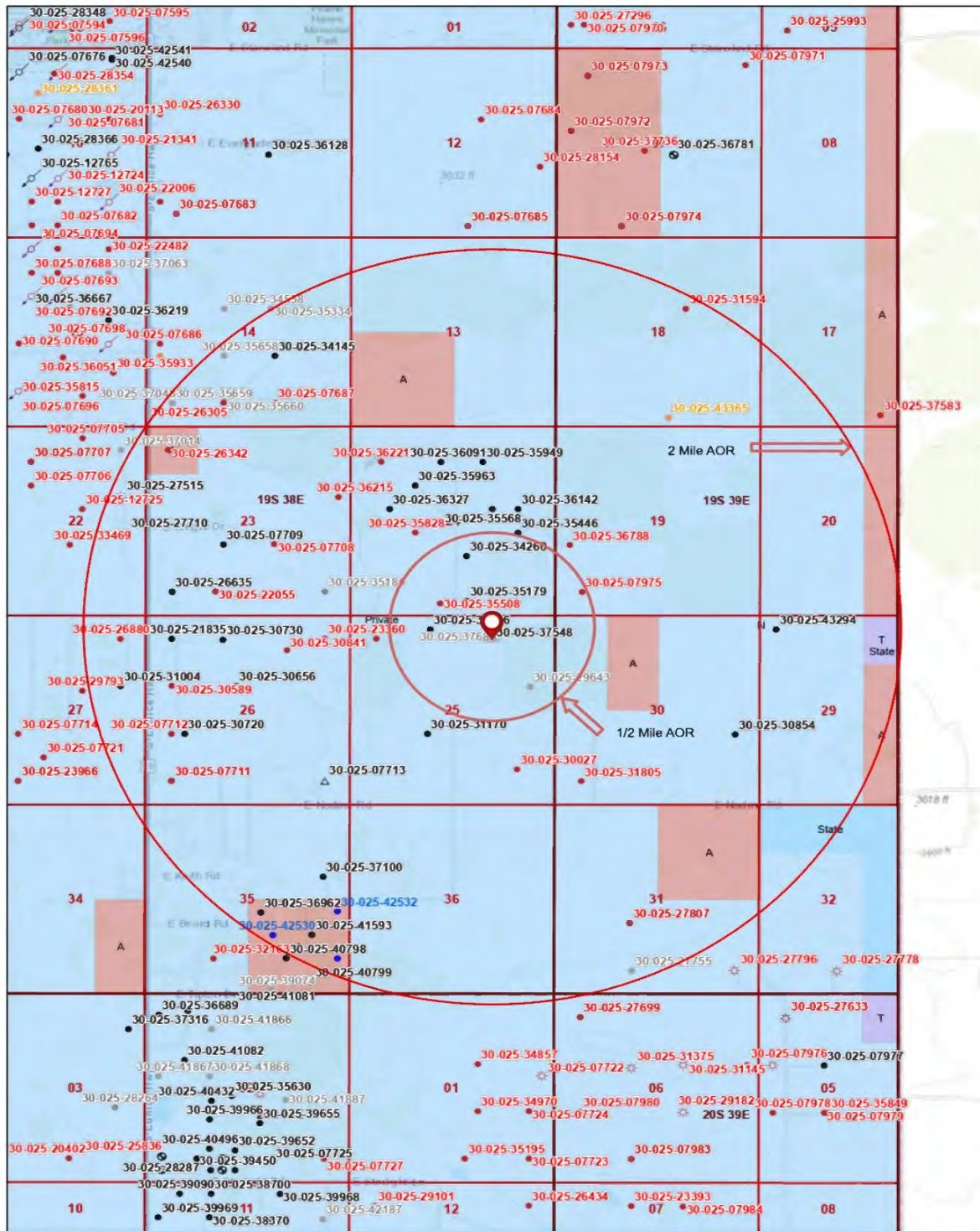
_____ feet to _____

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEETTubing Size: 2 7/8" Lining Material: PlasticType of Packer: N/APacker Setting Depth: N/AOther Type of Tubing/Casing Seal (if applicable): N/AAdditional Data1. Is this a new well drilled for injection? _____ Yes X NoIf no, for what purpose was the well originally drilled? Oil Production2. Name of the Injection Formation: Salado3. Name of Field or Pool (if applicable): N/A4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. Yes, see above attached schematic

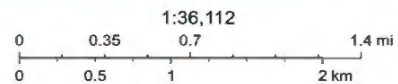
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

1/2 and 2 Mile AOR, BW-36 Schubert Farms #1



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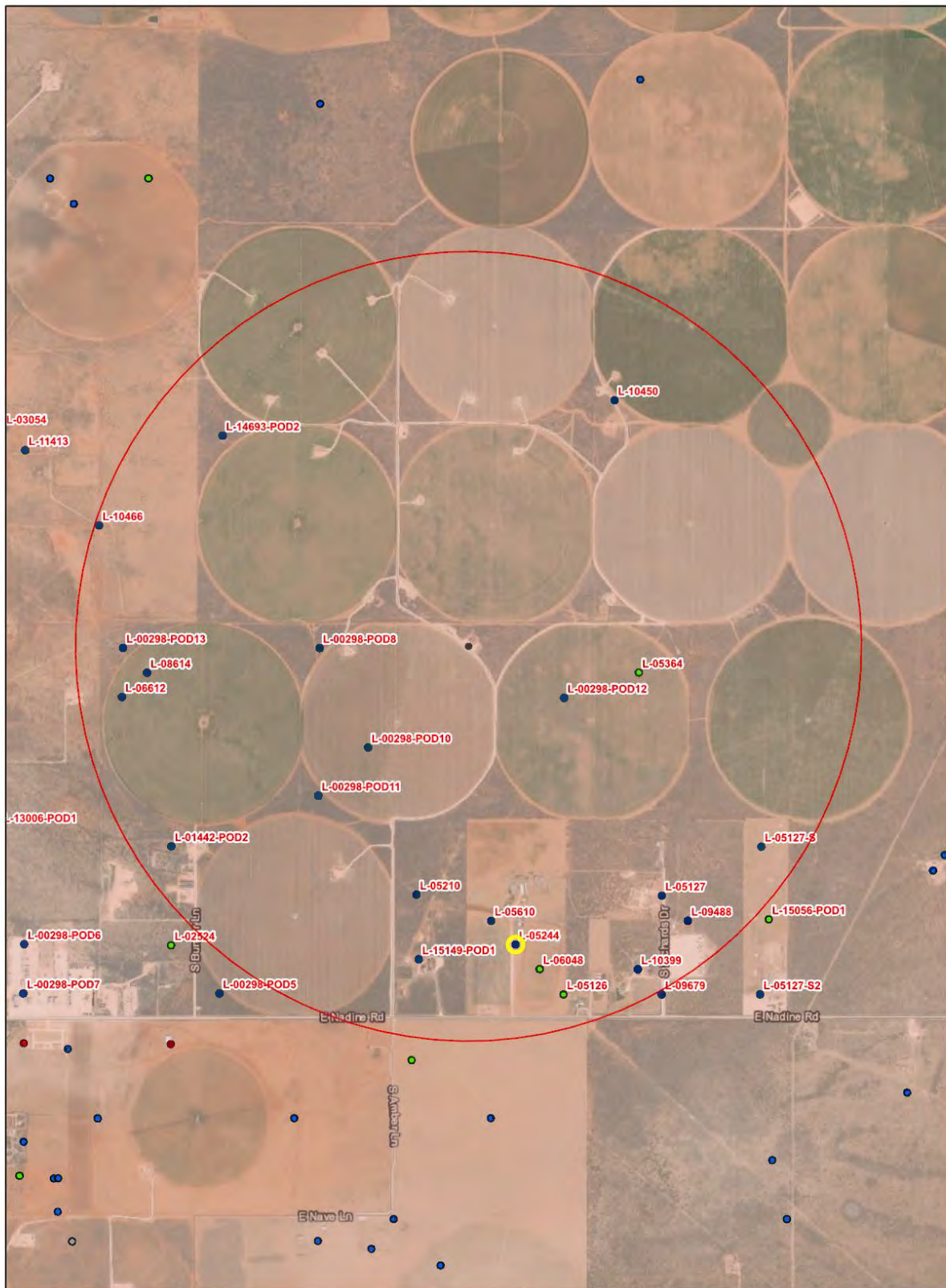
- | | | |
|--|---|--|
| <ul style="list-style-type: none"> Override 1 Wells - Large Scale Miscellaneous Gas, Active Gas, Plugged Injection, Active Injection, Plugged | <ul style="list-style-type: none"> Oil, Active Oil, Cancelled Oil, New Oil, Plugged Oil, Temporarily Abandoned Salt Water Injection, Active | <ul style="list-style-type: none"> PLSS Townships Mineral Ownership A-All minerals are owned by U.S. N-No minerals are owned by the U.S. T-Other minerals are owned by the U.S. Land Ownership P S |
|--|---|--|



U.S. BLM
Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.
Sources: Esri, HERE, Garmin, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL,

New Mexico Oil Conservation Division

PODs within 1 Mile AOR, BW-36 Schubert Farms #1



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GIS WATERS PODs

- Active
- Pending
- Plugged
- Incomplete

OSE District Boundary

Water Right Regulations

Critical Management Area - Guidelines

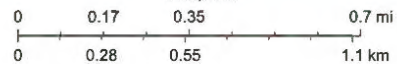
Closure Area

New Mexico State Trust Lands

Subsurface Estate

SiteBoundaries

1:18,056



Esri, HERE, Garmin, (c) OpenStreetMap contributors
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS
user community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User
Community

Unofficial Online Map

APPENDIX C

SCHUBERT FARMS WELL #1 (2 MILE AOR DATA SHEET)

API	Well Name	Well Type	Well Status	OGRID	OGRID Name	County	PLSS Loc. (ULSTR)	Latitude	Longitude	SPUD Yr.	Meas. Depth	Vert. Depth
30-025-21835	RUTH TERRY FURNEAUX #001	Oil	Active	256,073	J R OIL, LTD. CO.	Lea	D-26-19S-38E	32.6367	-103.1256	1999	7,868	7,868
30-025-26635	TERRY #001	Oil	Active	256,073	J R OIL, LTD. CO.	Lea	M-23-19S-38E	32.6403	-103.1256	1980	7,750	7,750
30-025-30720	LIA #001	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	L-26-19S-38E	32.6294	-103.1246	1989	7,770	7,770
30-025-07709	A L FOSTER C #001	Oil	Active	195,670	ROBERTSON RESOURCES, INC	Lea	K-23-19S-38E	32.644	-103.1213	1950	7,606	7,606
30-025-30730	TIFFANY #003	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	C-26-19S-38E	32.6366	-103.1213	1989	7,770	7,770
30-025-30656	TIFFANY #002	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	F-26-19S-38E	32.6331	-103.1203	1989	7,920	7,920
30-025-30692	PLOW BOY FEDERAL #001	Oil	Active	873	APACHE CORPORATION	Lea	J-35-19S-38E	32.6157	-103.1182	2004	7,800	7,800
30-025-42530	PLOW BOY FEDERAL #002	Oil	New	873	APACHE CORPORATION	Lea	J-35-19S-38E	32.6139	-103.1172	1999	0	0
30-025-34145	CAIN #001	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	J-14-19S-38E	32.6585	-103.117	1998	7,630	7,630
30-025-41593	WERTA FEDERAL #004	Oil	Active	873	APACHE CORPORATION	Lea	I-35-19S-38E	32.614	-103.1139	2014	7,420	7,420
30-025-37100	ROUND-UP #001	Oil	Active	873	APACHE CORPORATION	Lea	H-35-19S-38E	32.6184	-103.113	2005	7,800	7,800
30-025-31004	ALYSSA #001	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	H-27-19S-38E	32.6331	-103.1299	1990	7,750	7,750
30-025-27710	TONI #002	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	I-22-19S-38E	32.6449	-103.1293	1982	7,700	7,700
30-025-27515	TONI #001	Gas	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	H-22-19S-38E	32.6476	-103.1299	1981	8,000	8,000
30-025-07713	A N ETZ #001	SWD	Active	373,626	Permian Water Solutions, LLC	Lea	P-26-19S-38E	32.6258	-103.1128	1958	8,586	8,586
30-025-42532	WERTA FEDERAL #006	Oil	New	873	APACHE CORPORATION	Lea	I-35-19S-38E	32.6158	-103.1117	1999	0	0
30-025-42531	WERTA FEDERAL #005	Oil	New	873	APACHE CORPORATION	Lea	P-35-19S-38E	32.6121	-103.1117	1999	0	0
30-025-36327	DIAMOND #004	Oil	Active	330,423	Extex Operating Company	Lea	E-24-19S-38E	32.6467	-103.1074	2003	7,750	7,750
30-025-35963	DIAMOND #001H	Oil	Active	330,423	Extex Operating Company	Lea	F-24-19S-38E	32.6485	-103.1052	2002	7,750	7,750
30-025-35906	TOPAZ #001	Oil	Active	330,423	Extex Operating Company	Lea	C-25-19S-38E	32.6374	-103.104	2002	7,791	7,791
30-025-31170	NADINE 25 #001	Oil	Active	21,355	SOUTHWEST ROYALTIES INC	Lea	K-25-19S-38E	32.6294	-103.1042	1991	9,850	9,850
30-025-36091	DIAMOND #002	Oil	Active	330,423	Extex Operating Company	Lea	C-24-19S-38E	32.6503	-103.1031	2003	7,750	7,750
30-025-35949	SAPPHIRE #002	Oil	Active	330,423	Extex Operating Company	Lea	B-24-19S-38E	32.6503	-103.0996	2002	7,750	7,750
30-025-35179	EMERALD #002H	Oil	Active	330,423	Extex Operating Company	Lea	O-24-19S-38E	32.6396	-103.1009	2000	7,865	7,865
30-025-34260	EMERALD #001	Oil	Active	330,423	Extex Operating Company	Lea	J-24-19S-38E	32.643	-103.1009	2000	7,900	7,900
30-025-37548	SCHUBERT FARMS #001	Brine	Active	131,652	HRC INC	Lea	B-25-19S-38E	32.6376	-103.0988	2005	6,442	6,442
30-025-35446	EMERALD #003	Oil	Active	330,423	Extex Operating Company	Lea	I-24-19S-38E	32.6448	-103.0966	2001	8,000	8,000
30-025-35568	SAPPHIRE #001	Oil	Active	330,423	Extex Operating Company	Lea	G-24-19S-38E	32.6467	-103.0988	2001	8,000	8,000
30-025-36142	SAPPHIRE #003	Oil	Active	330,423	Extex Operating Company	Lea	H-24-19S-38E	32.6467	-103.0966	2003	7,850	7,850
30-025-30854	CARTER #001	Oil	Active	330,447	Contango Resources, Inc.	Lea	I-30-19S-39E	32.6294	-103.0784	1990	7,900	7,900
30-025-43294	JADE 19 39 29 STATE COM #003H	Oil	Active	329,727	Sozo Natural Resources LLC	Lea	D-29-19S-39E	32.6374	-103.075	2017	13,265	7,615
30-025-43365	SCHUBERT 18 #004H	Oil	Temporary Abandonment	329,727	Sozo Natural Resources LLC	Lea	O-18-19S-39E	32.6537	-103.084	2016	8,940	4,574
30-025-35828	RUBY #002	Oil	Plugged (not released)	240,974	LEGACY RESERVES OPER., LP	Lea	K-24-19S-38E	32.6449	-103.1052	2002	7,800	7,800
30-025-35508	RUBY #001	Oil	Plugged (not released)	240,974	LEGACY RESERVES OPER., LP	Lea	N-24-19S-38E	32.6394	-103.1031	2001	8,000	8,000
30-025-36144	PHILLIPS #001	Oil	Plugged (not released)	240,974	LEGACY RESERVES OPER., LP	Lea	E-19-19S-39E	32.6476	-103.0923	2003	7,708	7,708
30-025-07712	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	L-26-19S-38E	32.6294	-103.1256	1900	0	9,670
30-025-30589	TIFFANY #001	Oil	Plugged (site released)	12,024	JOHN H HENDRIX CORP	Lea	E-26-19S-38E	32.6331	-103.1256	1989	7,700	7,700
30-025-07711	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	M-26-19S-38E	32.6258	-103.1256	1900	0	58
30-025-22055	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	N-23-19S-38E	32.6403	-103.122	1900	0	7,924
30-025-26305	CAIN #002	Oil	Plugged (site released)	147,179	CHESAPEAKE OPER., INC.	Lea	N-14-19S-38E	32.6548	-103.1213	1999	5,025	5,025
30-025-07708	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	J-23-19S-38E	32.644	-103.117	1900	0	8,020
30-025-07687	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	O-14-19S-38E	32.6548	-103.117	1900	0	7,613
30-025-30841	LIA #002	Oil	Plugged (site released)	13,185	LBO NEW MEXICO INC	Lea	B-26-19S-38E	32.6358	-103.116	1990	6,656	6,656
30-025-23360	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	A-26-19S-38E	32.6367	-103.1128	1900	0	9,842
30-025-26880	MCNEIL #001	Oil	Plugged (site released)	37,139	GLADSTONE RESOURCES INC	Lea	A-27-19S-38E	32.6367	-103.1299	1999	7,800	7,800
30-025-36215	MERLOT #001	Oil	Plugged (site released)	4,323	CHEVRON U S A INC	Lea	H-23-19S-38E	32.6476	-103.1117	2003	7,800	7,800
30-025-07710	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	D-25-19S-38E	32.6367	-103.1085	1900	0	7,610
30-025-36221	DIAMOND #003	Oil	Plugged (site released)	240,974	LEGACY RESERVES OPER., LP	Lea	D-24-19S-38E	32.6503	-103.1081	2003	7,750	7,750
30-025-26342	NADINE FEDERAL #001	Oil	Plugged (site released)	4,323	CHEVRON U S A INC	Lea	D-23-19S-38E	32.6512	-103.1259	1979	7,950	7,950
30-025-30027	EMERALD #001	Oil	Plugged (site released)	12,024	JOHN H HENDRIX CORP	Lea	P-25-19S-38E	32.6267	-103.0967	1987	8,200	8,200
30-025-36788	ROBINSON #001	Oil	Plugged (site released)	21,602	TRILOGY OPERATING INC	Lea	L-19-19S-39E	32.6439	-103.0923	2004	7,900	7,900
30-025-31805	CHANCE #001	Oil	Plugged (site released)	8,079	FORTSON OIL CO	Lea	M-30-19S-39E	32.6258	-103.0913	1999	9,999	7,615
30-025-07975	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	M-19-19S-39E	32.6403	-103.0913	1900	0	10,580
30-025-27807	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	K-31-19S-39E	32.6148	-103.0873	1900	0	3,248
30-025-31594	SELMAN #001	Oil	Plugged (site released)	990	ARCO PERMIAN	Lea	G-18-19S-39E	32.6621	-103.0826	1999	9,999	3,400
30-025-26342	NADINE FEDERAL #001	Oil	Plugged (site released)	4,323	CHEVRON U S A INC	Lea	D-23-19S-38E	32.6512	-103.1259	1979	7,950	7,950
30-025-35658	CAIN #004	Oil	Cancelled	25,482	XERIC OIL & GAS CORP	Lea	K-14-19S-38E	32.6584	-103.1213	1999	0	0
30-025-35660	CAIN #006	Oil	Cancelled	25,482	XERIC OIL & GAS CORP	Lea	N-14-19S-38E	32.6552	-103.1213	1999	0	0
30-025-35186	CABO WABO #001	Oil	Cancelled	25,482	XERIC OIL & GAS CORP	Lea	P-23-19S-38E	32.6403	-103.1128	1999	0	0
30-025-37685	SCHUBERT FARMS #001Y	Oil	Cancelled	21,602	TRILOGY OPERATING INC	Lea	25-19S-38E	32.6376	-103.0992	1999	0	0
30-025-29643	PRE-ONGARD WELL #001	Oil	Cancelled	214,263	PRE-ONGARD WELL OPER.	Lea	H-25-19S-38E	32.633	-103.0956	1999	0	0
30-025-27755	PRE-ONGARD WELL #001	Oil	Cancelled	214,263	PRE-ONGARD WELL OPER.	Lea	N-31-19S-39E	32.6112	-103.0871	1999	0	0
30-025-37048	CAIN #005	Oil	Cancelled	147,179	CHESAPEAKE OPER., INC.	Lea	M-14-19S-38E	32.6548	-103.1256	1999	0	0
30-025-35659	CAIN #005	Oil	Cancelled	25,482	XERIC OIL & GAS CORP	Lea	M-14-19S-38E	32.6548	-103.1256	1999	0	0

Denotes New Well from Previous Permit AOR

SCHUBERT FARMS WELL #1 (1/2 MILE AOR DATA SHEET)

API	Well Name	Well Type	Well Status	OGRID	OGRID Name	County	PLSS Loc. (ULSTR)	Latitude	Longitude	SPUD Yr.	Meas. Depth	Vert. Depth
30-025-35906	TOPAZ #001	Oil	Active	330,423	Extex Operating Company	Lea	C-25-19S-38E	32.6374	-103.104	2002	7,791	7,791
30-025-35179	EMERALD #002H	Oil	Active	330,423	Extex Operating Company	Lea	O-24-19S-38E	32.6396	-103.1009	2000	7,865	7,865
30-025-34260	EMERALD #001	Oil	Active	330,423	Extex Operating Company	Lea	J-24-19S-38E	32.643	-103.1009	2000	7,900	7,900
30-025-37548	SCHUBERT FARMS #001	Brine	Active	131,652	HRC INC	Lea	B-25-19S-38E	32.6376	-103.0988	2005	6,442	6,442
30-025-35508	RUBY #001	Oil	Plugged (not released)	240,974	LEGACY RESERVES OPER., LP	Lea	N-24-19S-38E	32.6394	-103.1031	2001	8,000	8,000
30-025-07975	PRE-ONGARD WELL #001	Oil	Plugged (site released)	214,263	PRE-ONGARD WELL OPER.	Lea	M-19-19S-39E	32.6403	-103.0913	1900	0	10,580
30-025-37685	SCHUBERT FARMS #001Y	Oil	Cancelled	21,602	TRILOGY OPERATING INC	Lea	25-19S-38E	32.6376	-103.0992	1999	0	0
30-025-29643	PRE-ONGARD WELL #001	Oil	Cancelled	214,263	PRE-ONGARD WELL OPER.	Lea	H-25-19S-38E	32.633	-103.0956	1999	0	0

SCHUBERT FARMS WELL #1 (POD's WITHIN 1 MILE DATA SHEET)

Display Name	Use	Use of Well	Status	POD Status	Owner Last Name	Owner First Name	Well Depth	Depth to Water	Distance to Center	UTM Easting	UTM Northing	Well Start Date	Well Finish Date
L 05244	IRR	IRR	LIC	ACT	PRATHER	PAUL	107	60	0.765	678553	3611496	Tue Jun 23 1964	Thu Jun 25 1964
L 10060	IRR	null	PMT	ACT	HEADSTREAM	TRACY	115	58	0.838	678654	3611397	Wed Sep 01 1993	Thu Sep 02 1993
L 05364	IRR	null	CAN	PEN	JOHNSON	CHRISTINE	null	null	0.438	679038	3612613	Wed Dec 31 1969	Wed Dec 31 1969
L 05210	COM	IRR	PMT	ACT	COMPARY III	ANDY R.	100	56	0.643	678144	3611692	Wed May 19 1965	Sat May 22 1965
L 05126	STK	null	PMT	PEN	EDWARDS	DEWARD D	null	null	0.914	678753	3611296	Wed Dec 31 1969	Wed Dec 31 1969
L 05610	DOL	null	PMT	ACT	COMPARY III	ANDY R	105	65	0.698	678452	3611591	Sun May 16 1965	Mon May 17 1965
L 06048	STK	null	PMT	PEN	HOLMES	GLENN	null	null	0.838	678654	3611397	Wed Dec 31 1969	Wed Dec 31 1969
L 06612	DOM	null	EXP	ACT	MORAN OIL PROD & DRILLING	null	125	80	0.891	676924	3612476	Fri Nov 14 1969	Sun Nov 16 1969
L 05127	IRR	null	PMT	ACT	BAGGETT	ROY D.	null	null	0.801	679149	3611706	Wed Jul 01 1964	Wed Jul 01 1964
L 05127 S	IRR	null	PMT	ACT	EDWARDS	DEWARD D.	null	null	0.901	679552	3611913	Fri May 14 1965	Fri May 14 1965
L 10450	STK	null	PMT	ACT	S & H ENTERPRISES INC.	null	132	null	0.725	678919	3613721	Wed Oct 20 1993	Fri Oct 22 1993
L 10466	STK	null	PMT	ACT	WRIGHT	CLARA	100	100	0.988	676818	3613174	Wed Feb 08 1995	Tue Feb 14 1995
L 05127 POD8	IRR	null	TRN	ACT	BAGGETT	ANITA	117	90	0.892	679257	3611605	Fri Oct 07 1983	Sun Oct 09 1983
L 05127 POD9	IRR	null	LIC	ACT	HOPPER	TOM	115	58	0.925	679056	3611404	Thu Jun 09 1988	Fri Jun 24 1988
L 10399	DOM	null	PMT	ACT	HOPPER	CAROL	115	null	0.925	679056	3611404	Mon Jun 27 1994	Sat Jul 02 1994
L 00298 POD8	IRR	IRRIGATION	LIC	ACT	HOOPES	PATRICIA T.	143	70	0.379	677729	3612690	Thu May 04 1995	Sat May 06 1995
L 01442 POD2	IRR	IRRIGATION	LIC	ACT	S & H ENTERPRISES INC.	null	138	68	0.91	677137	3611871	Sun Apr 10 1994	Thu Apr 14 1994
L 00298 POD10	IRR	IRRIGATION	PMT	ACT	CITY OF HOBBS	null	141	81	0.362	677935	3612288	Wed Apr 30 1997	Sat May 03 1997
L 00298 POD11	IRR	IRRIGATION	PMT	ACT	S & H ENTERPRISES	null	147	89	0.538	677735	3612088	Sun Apr 27 1997	Tue Apr 29 1997
L 00298 POD12	IRR	null	LIC	ACT	HOOPES	PATRICIA T.	141	70	0.276	678734	3612505	Tue Apr 22 1997	Sat Apr 26 1997
L 00298 POD13	IRR	IRRIGATION	PMT	ACT	CITY OF HOBBS	null	161	121	0.879	676924	3612676	Sun Apr 20 1997	Tue Apr 22 1997
L 09488	DOM	null	PMT	ACT	HEMMINGSON	LOREN	112	80	0.892	679257	3611605	Sat May 26 1984	Sat May 26 1984
L 08614	STK	null	PMT	ACT	ESTATE OF MILLARD DECK	null	140	70	0.821	677025	3612577	Sun Dec 13 1981	Wed Dec 16 1981
L 14693 POD2	MON	null	PMT	ACT	SCHUBERT CONSTRUCTION	null	125	76	0.822	677316.8	3613548	Mon Jun 03 2019	Sat Jun 08 2019
L 15149 POD1	DOM	null	PMT	ACT	COMPARY III	ANDY R	108	76	0.803	678158	3611428.6	Thu May 13 2021	Fri May 14 2021



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

ETZ WATER STATION
PO BOX 6056
HOBBS NM, 88241

Project: SCHUBERT
Project Number: SHUBERT FARMS #1
Project Manager: BEN DONAHUE
Fax To:

Reported:
12-Apr-22 16:15

FRESH WATER**H221319-01 (Water)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Alkalinity, Bicarbonate	254		5.00	mg/L	1	2040415	GM	04-Apr-22	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	2040415	GM	04-Apr-22	310.1	
Chloride*	450		4.00	mg/L	1	2040418	AC	05-Apr-22	4500-CJ-B	
Conductivity*	2810		1.00	umhos/cm @ 25°C	1	2040417	GM	04-Apr-22	120.1	
pH*	7.26		0.100	pH Units	1	2040417	GM	04-Apr-22	150.1	
Temperature °C	23.3			pH Units	1	2040417	GM	04-Apr-22	150.1	
Sulfate*	529		125	mg/L	12.5	2040416	GM	06-Apr-22	375.4	
TDS*	1780		5.00	mg/L	1	2040104	GM	05-Apr-22	160.1	
Alkalinity, Total*	208		4.00	mg/L	1	2040415	GM	04-Apr-22	310.1	

Green Analytical Laboratories**Total Recoverable Metals by ICP (E200.7)**


Calcium*	246		0.500	mg/L	5	B220889	AES	08-Apr-22	EPA200.7	
Magnesium*	77.2		0.500	mg/L	5	B220889	AES	08-Apr-22	EPA200.7	
Potassium*	8.99	0.888	5.00	mg/L	5	B220889	AES	08-Apr-22	EPA200.7	
Sodium*	230		5.00	mg/L	5	B220889	AES	08-Apr-22	EPA200.7	

Cardinal Laboratories

* = Accredited Analyte

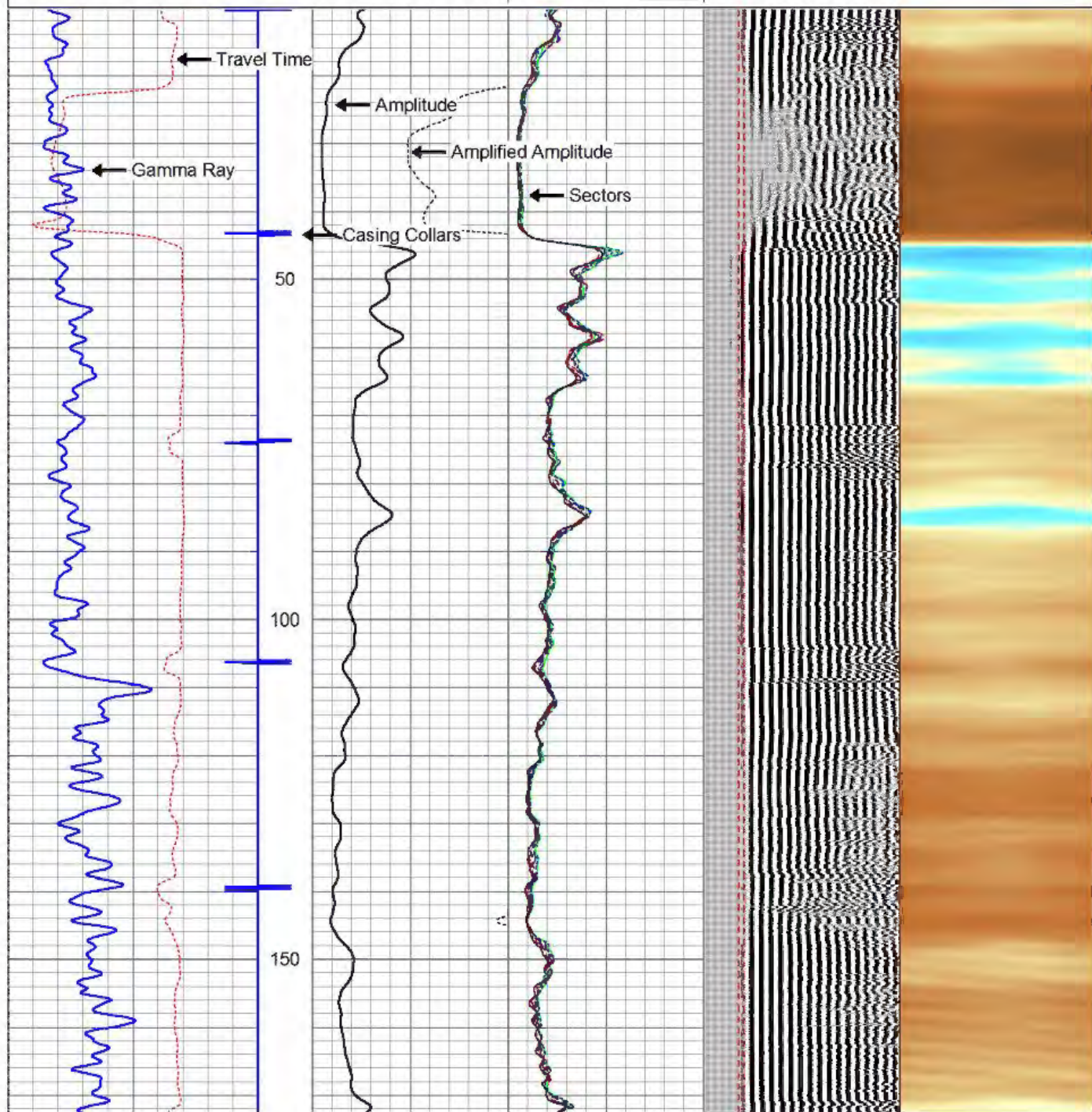
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

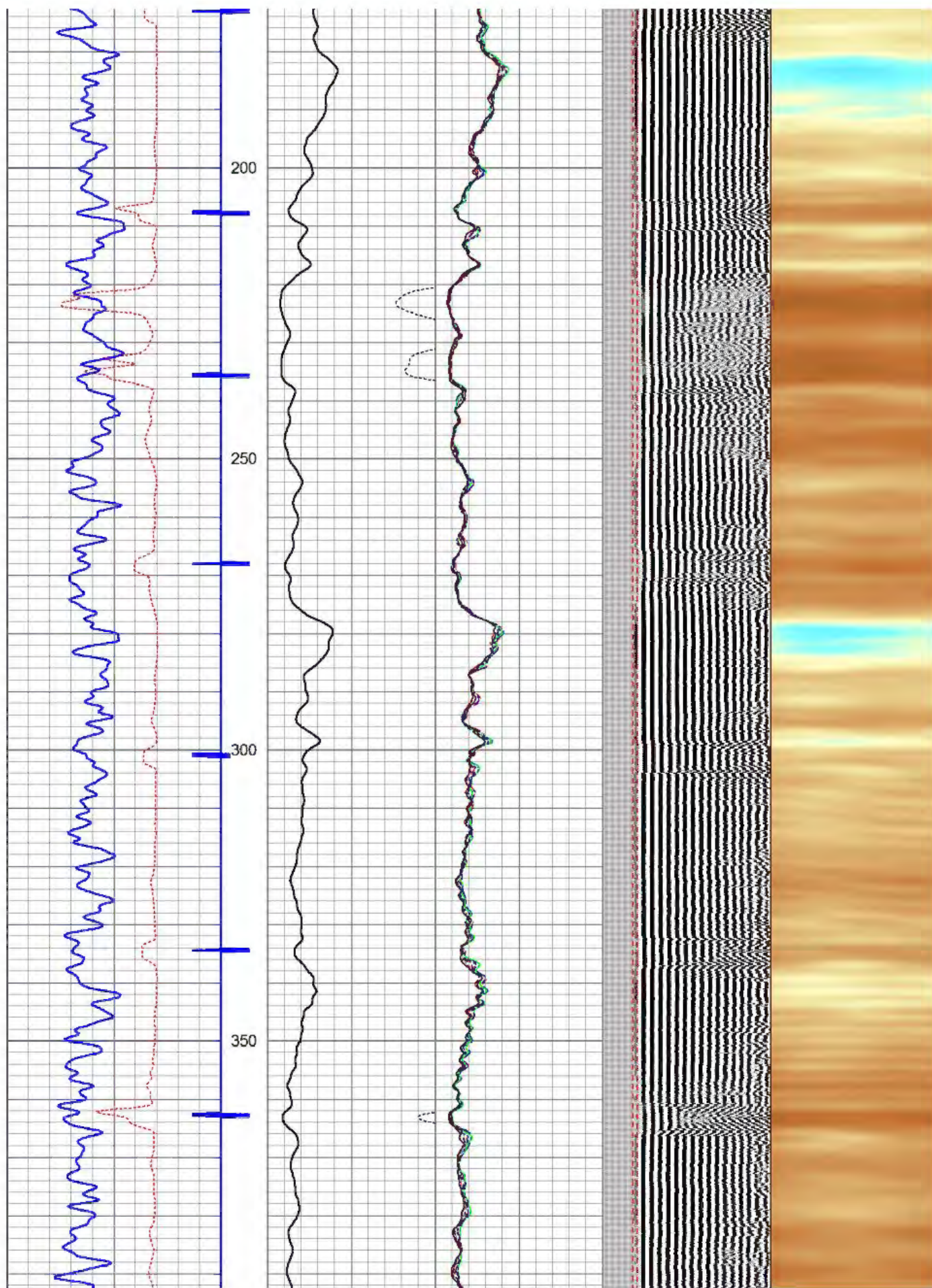
Celey D. Keene, Lab Director/Quality Manager

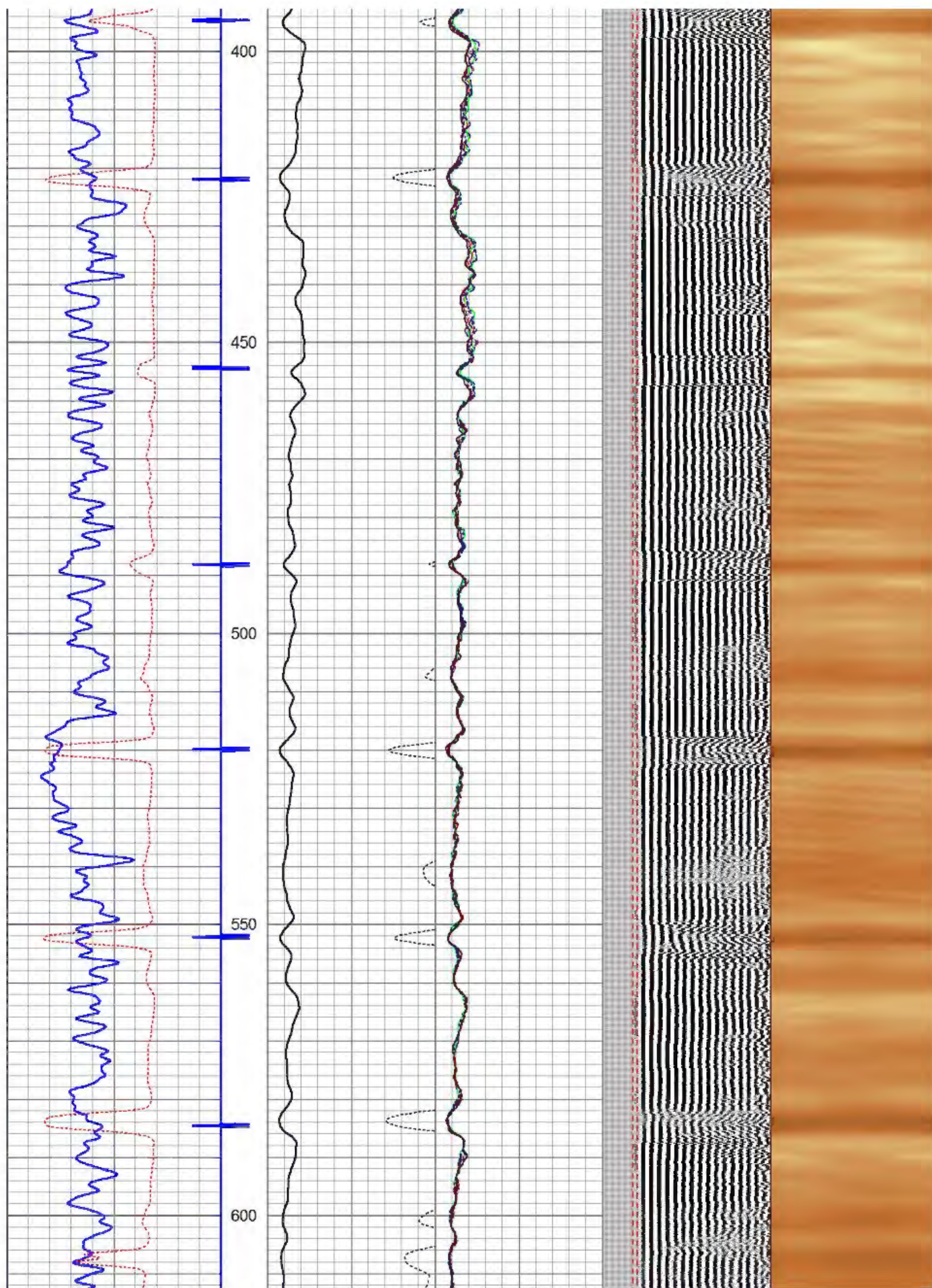
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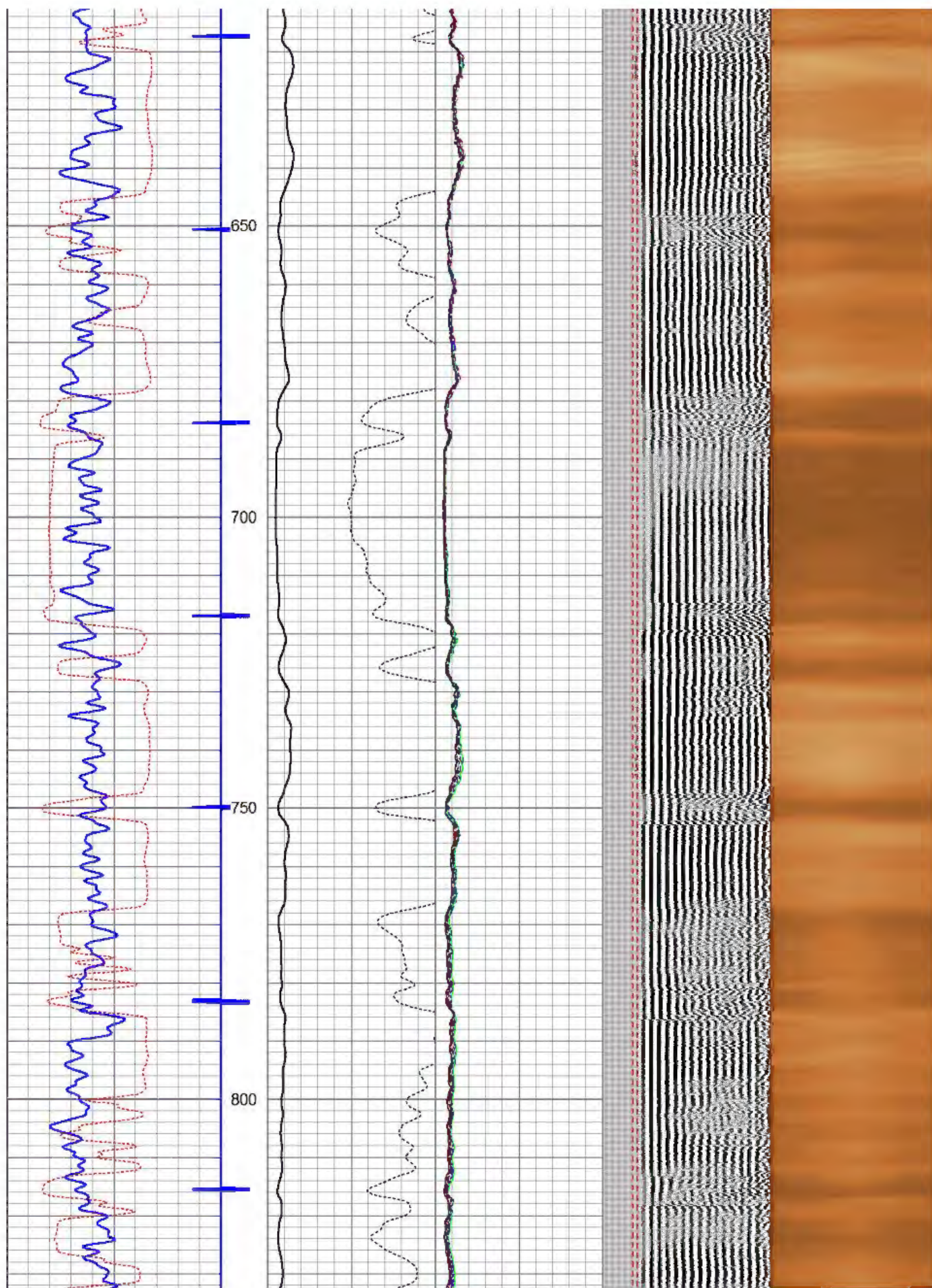
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 Presentation Format: rbl55
 Dataset Creation: Tue Jun 21 10:36:41 2016 by Log 7.0 B1
 Charted by: Depth in Feet scaled 1:240

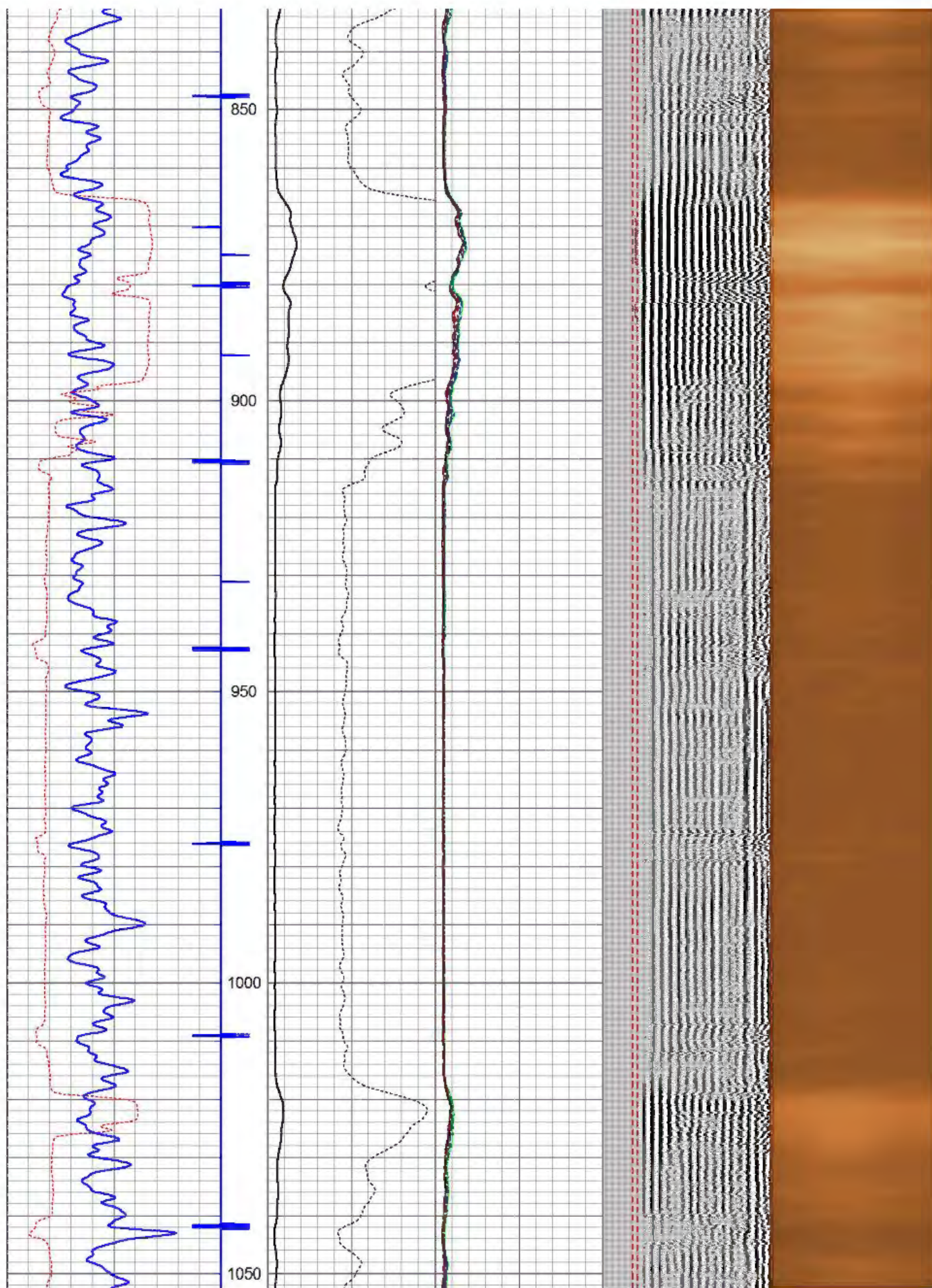
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0	GR (GAPI)	150		Amplified Amplitude		-5	AMPS3	150				1
0	LTEN (lb)	4000	0	(mV)	10	-5	AMPS4	150		Free Pipe Gate		80
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				

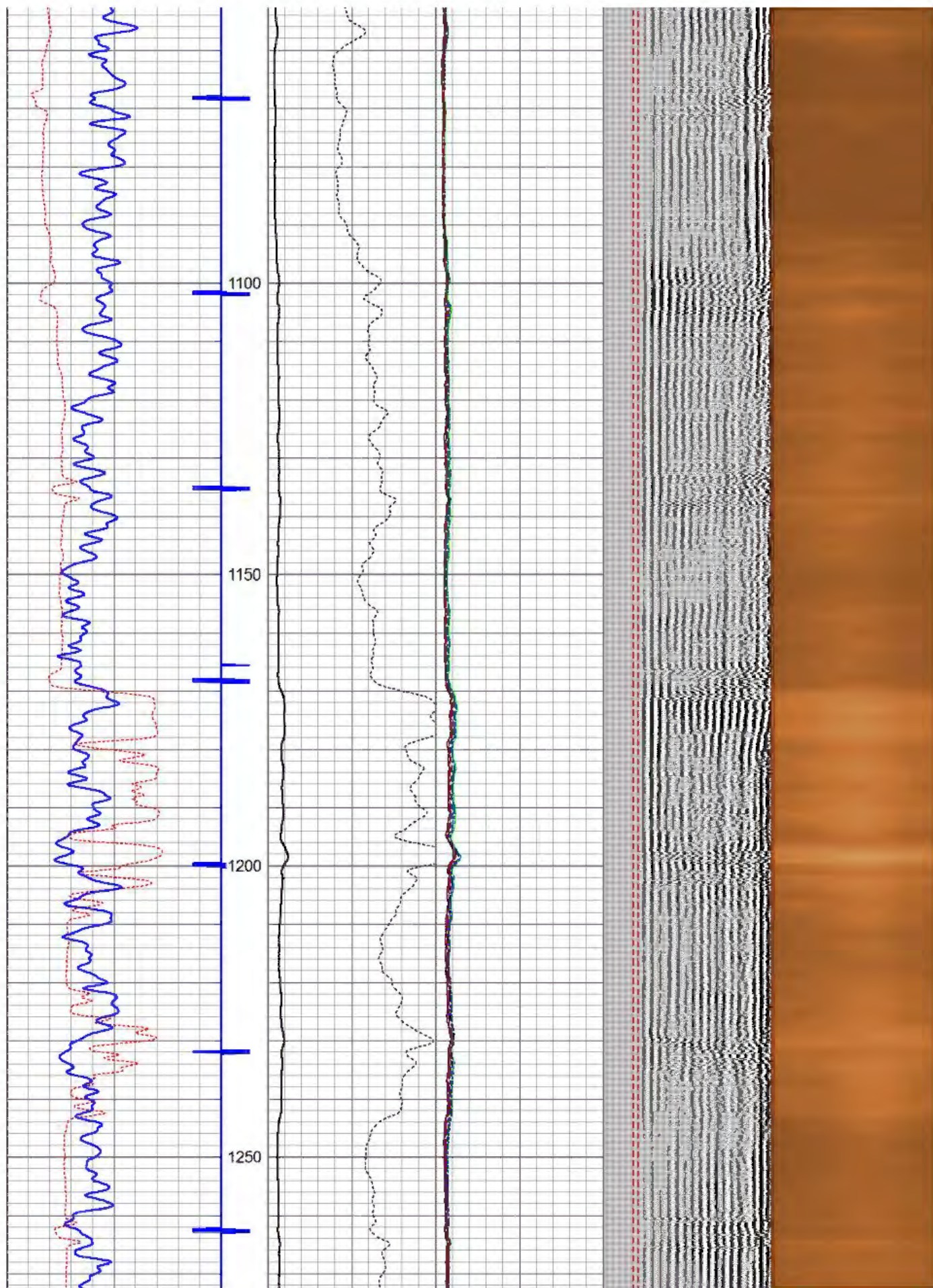


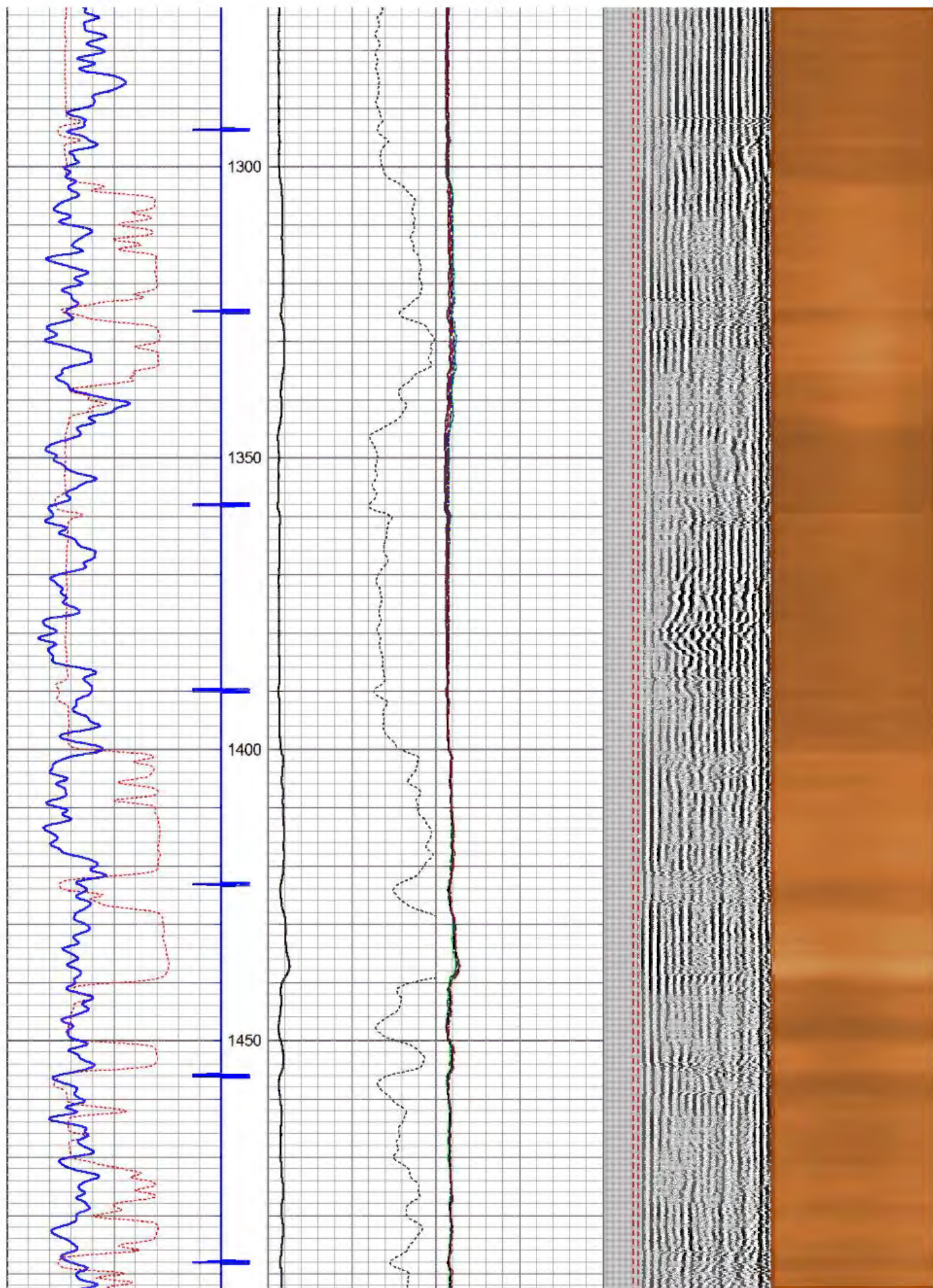


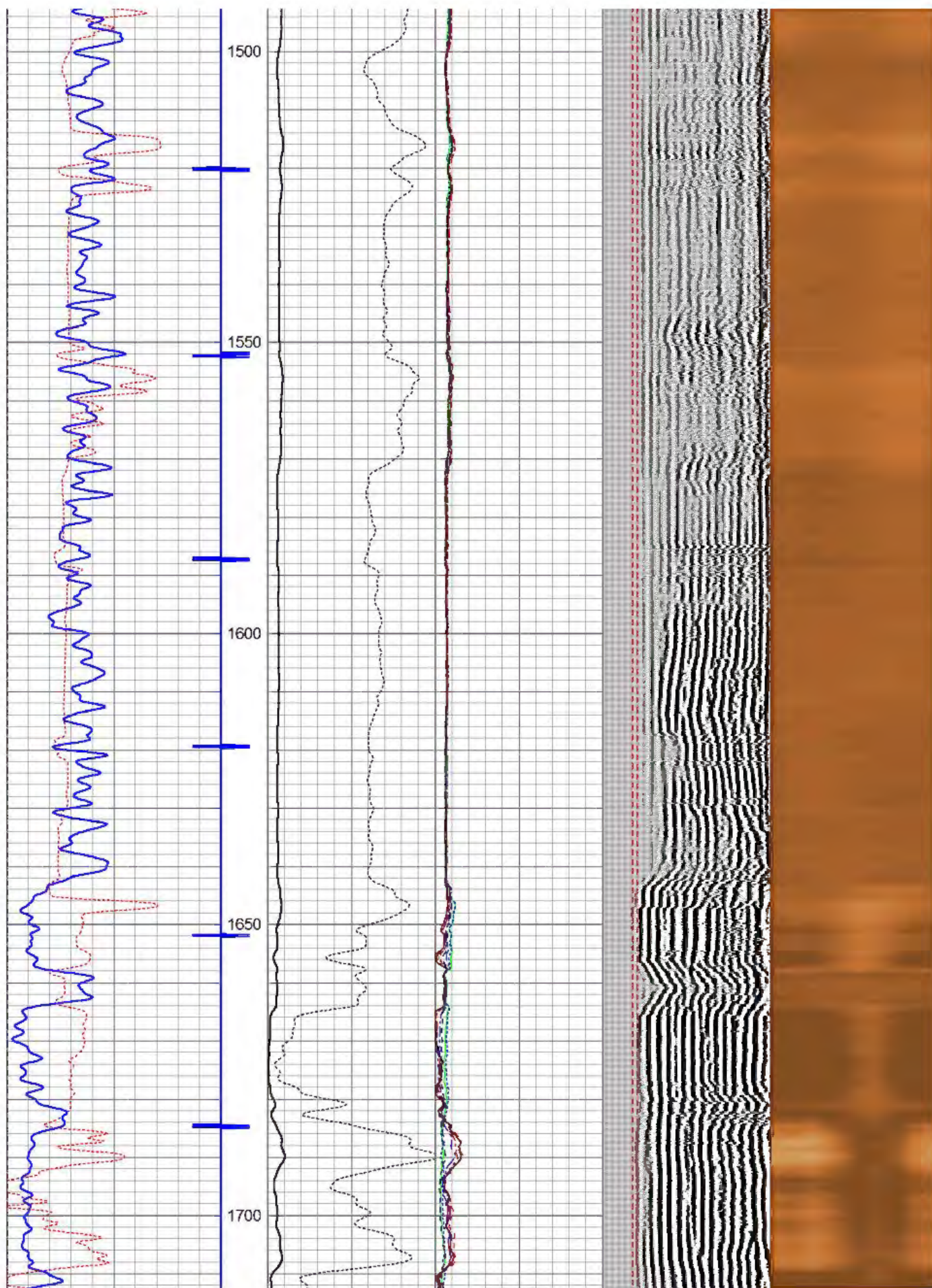


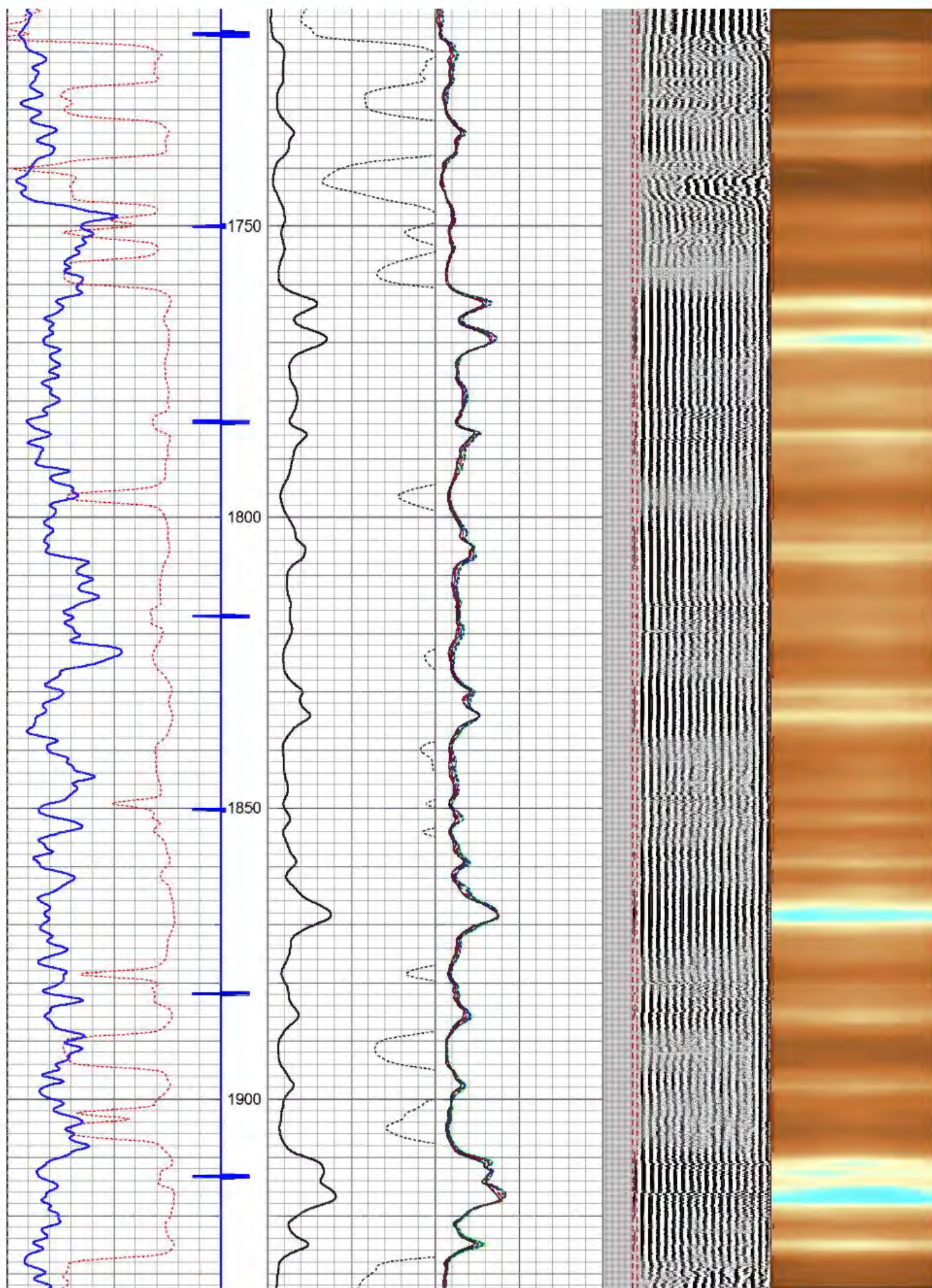


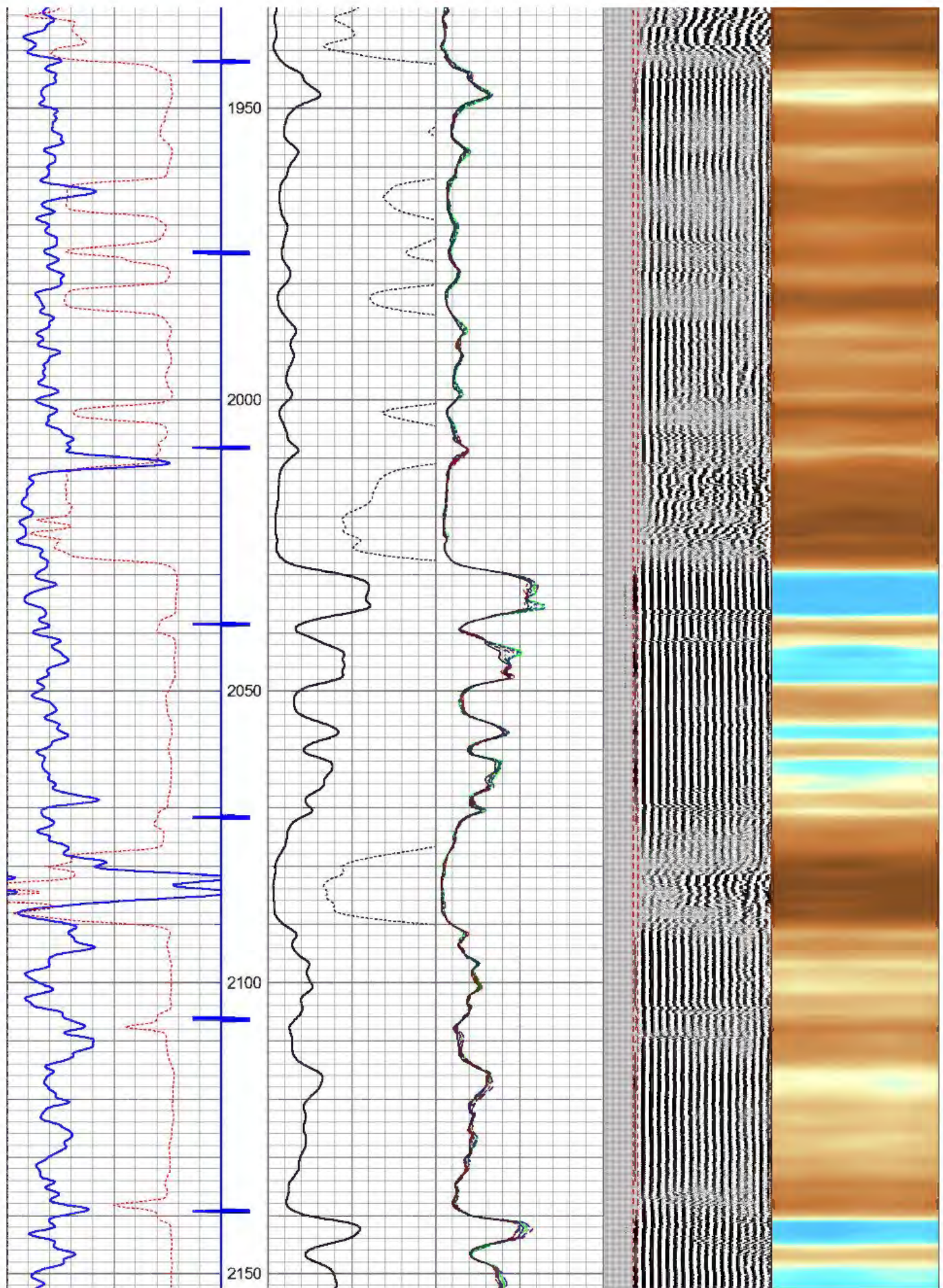


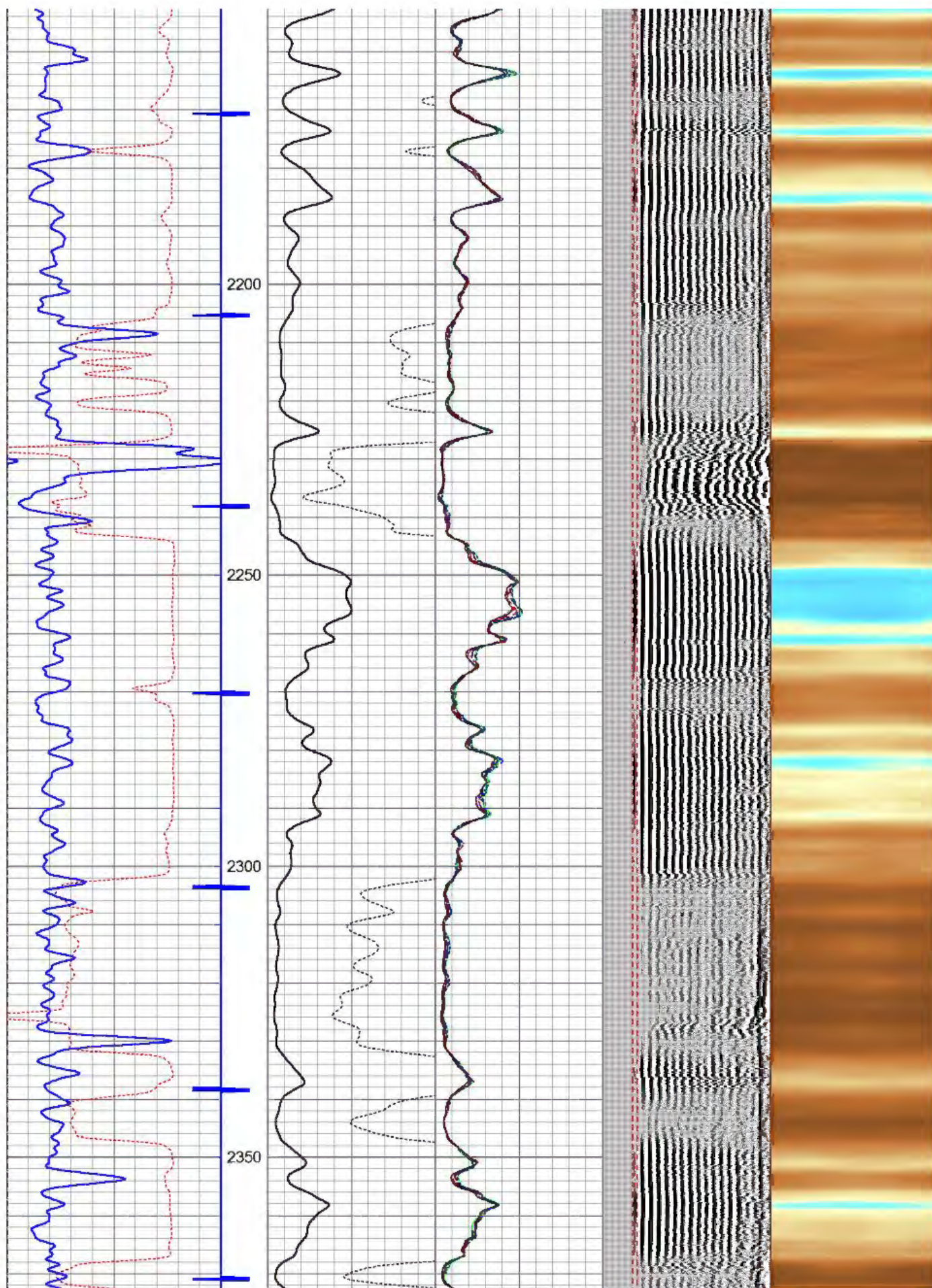


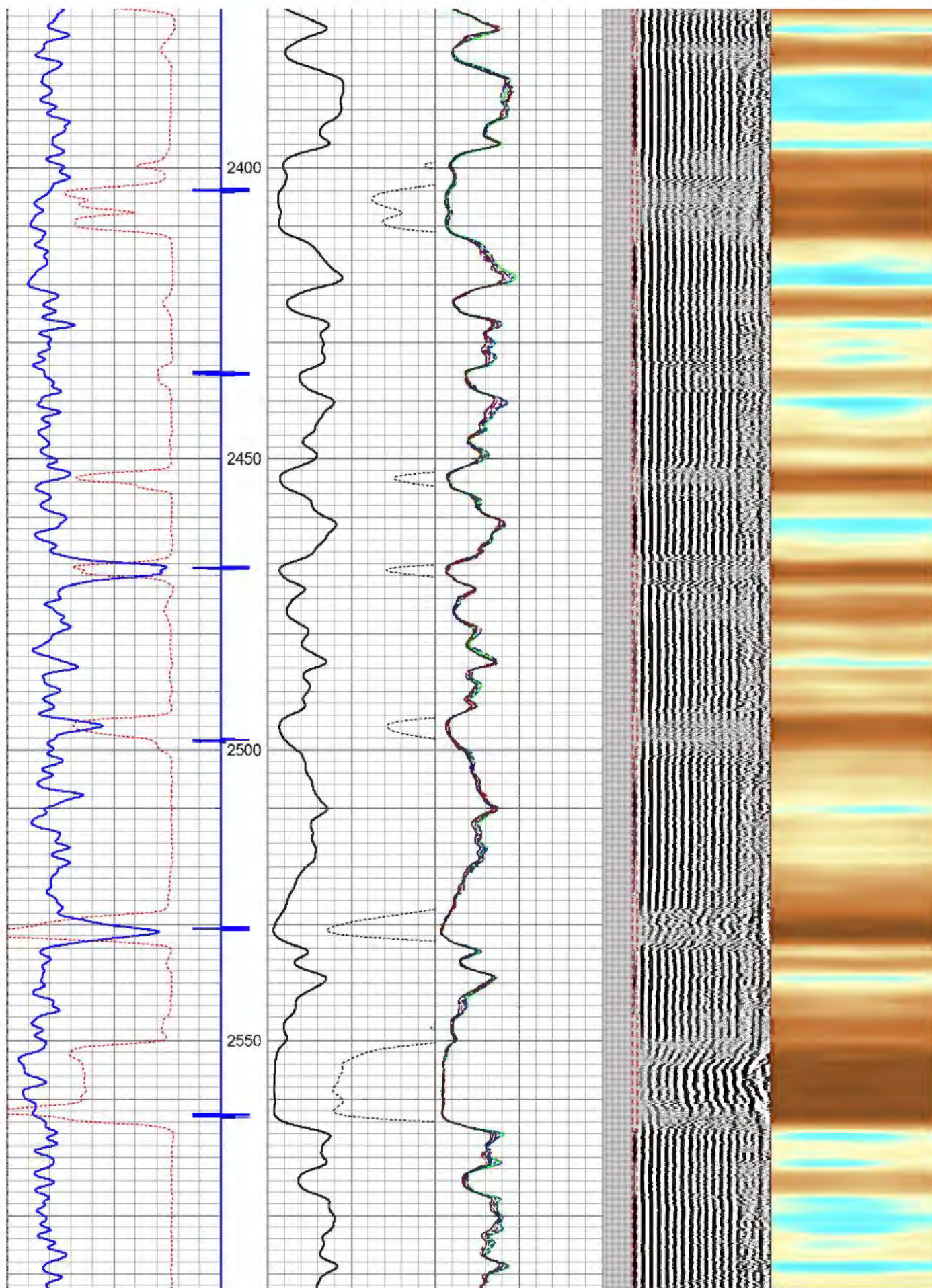


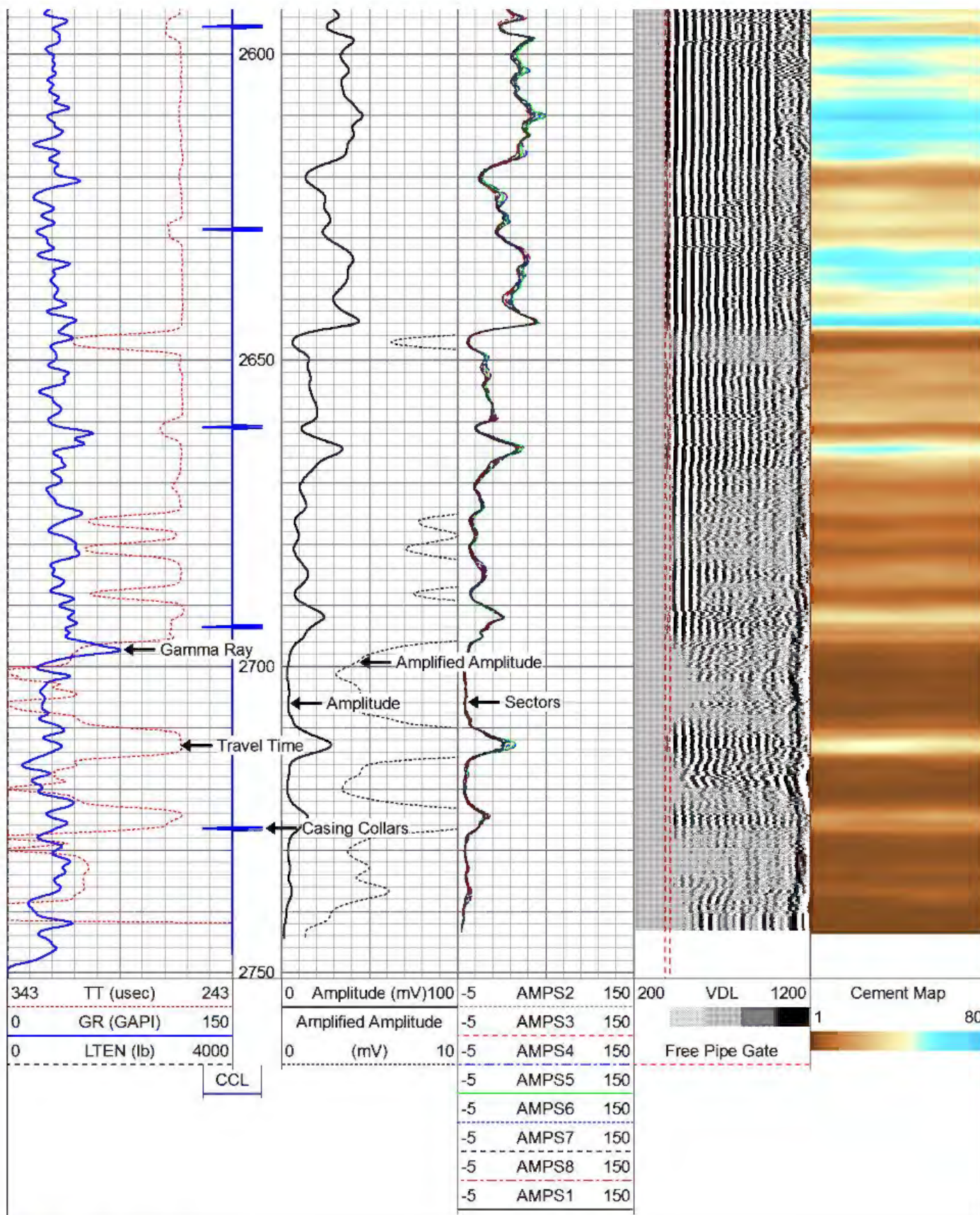








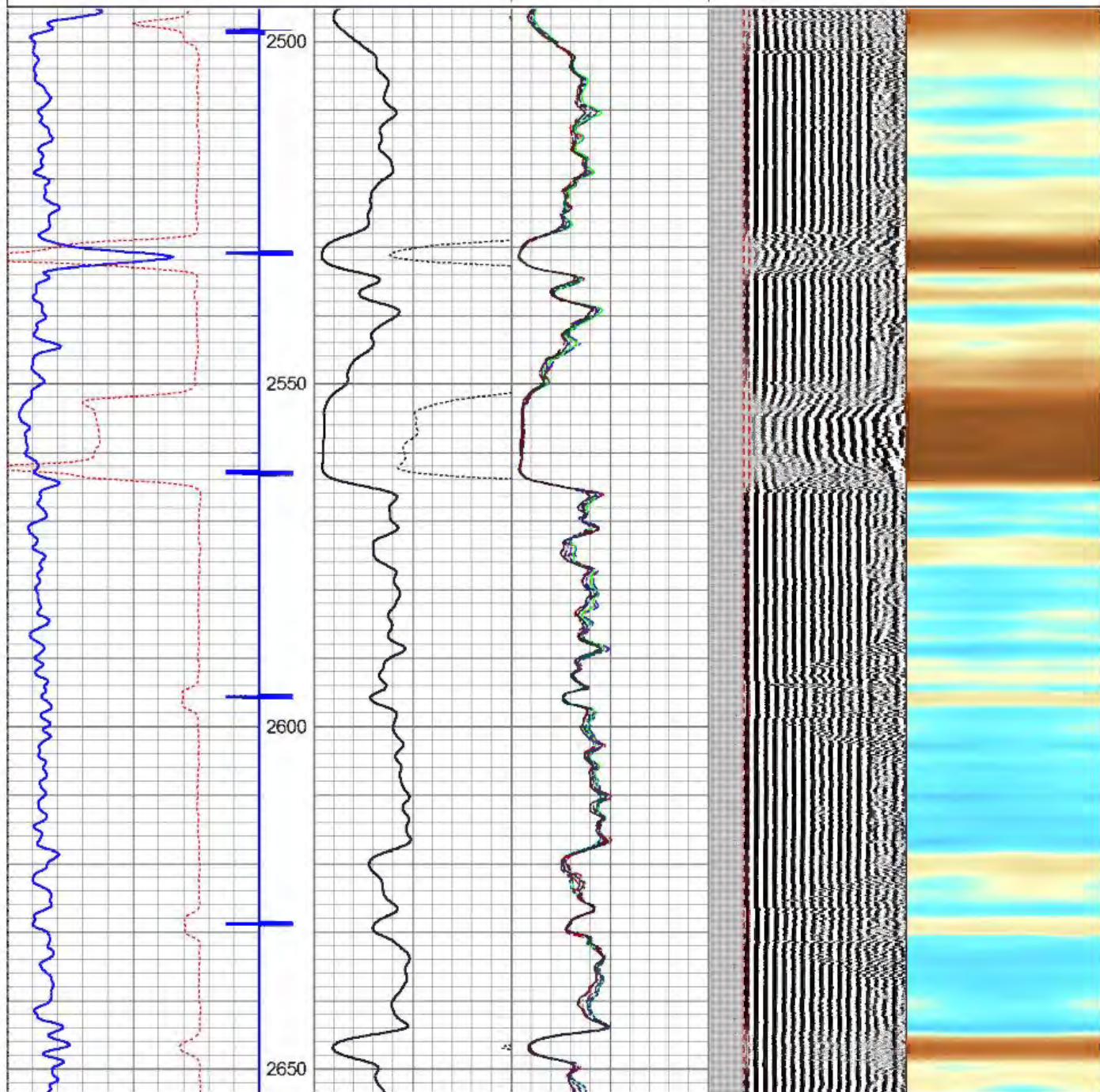


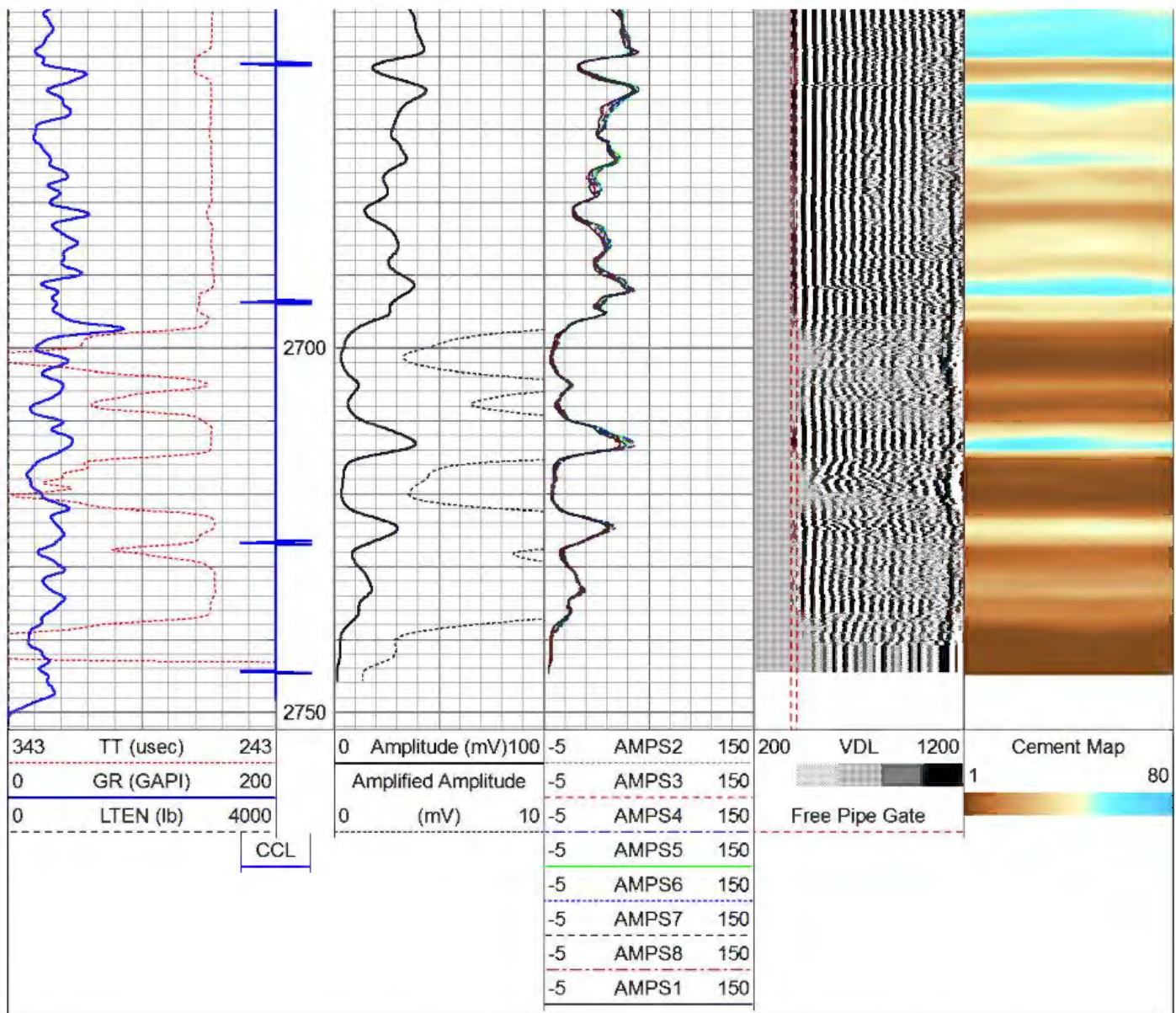


Repeat Pass 5"=100' (0 PSI)

Database File: c:\warrior\data\hrc_schubart_farms_1_rbl\hrc_schubart_farms_1_rbl.db
Dataset Pathname: pass4
Presentation Format: rbl55
Dataset Creation: Tue Jun 21 10:30:36 2016 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

343	TT (usec)	243	0	Amplitude (mV)	100	-5	AMPS2	150	200	VDL	1200	Cement Map
0	GR (GAPI)	200		Amplified Amplitude		-5	AMPS3	150				
0	LTEN (lb)	4000	0	(mV)	10	-5	AMPS4	150				
						-5	AMPS5	150				
						-5	AMPS6	150				
						-5	AMPS7	150				
						-5	AMPS8	150				
						-5	AMPS1	150				





Log Variables

Database: C:\Warrior\Data\hrc_schubart_farms_1_rbl\hrc_schubart_farms_1_rbl.db
Dataset: field/well/run1/pass5

Top - Bottom

XXXX	PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	SRFTEMP degF	CASEOD in
0	0	17	71.921	2	0.8	0	5.5
PERFS	TDEPTH ft	BOTTEMP degF	BOREID in				
0	2800	100	7.875				

Calibration Report

Database File: C:\Warrior\Data\hrc_schubart_farms_1_rbl\hrc_schubart_farms_1_rbl.db
Dataset Pathname: pass5
Dataset Creation: Tue Jun 21 10:36:41 2016 by Log 7.0 B1

Gamma Ray Calibration Report

Type / Serial: Probe275dig / PROFW130211

SHOP CALIBRATION		Tue Jun 21 07:59:48 2016			
Background	Counts/Sec.	Gain	Offset	Jig	Units
Calibrator	31.1				cps
	145.1				cps
		0.8504			GAPI/cps
PRIMARY VERIFICATION		Tue Jun 21 08:02:05 2016			
Background	27.8				cps
Calibrator	128.0				cps
Difference				100.2	GAPI
BEFORE SURVEY VERIFICATION		Tue Jun 21 08:04:39 2016			
Background	28.5				cps
Calibrator	108.9				cps
Difference				80.4	GAPI
AFTER SURVEY VERIFICATION					
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report				
Serial Number:		FW1403-67		
Tool Model:		RBT-TEMP		
Calibration Casing Diameter:		5.500	in	
Calibration Depth:		15.900	ft	

Master Calibration, performed Tue Jun 21 09:16:51 2016:						
	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	0.838	1.000	71.921	85.369	1.371
CAL	0.007	0.858				
5'	0.007	0.845	1.000	71.921	84.626	0.380
SUM						
S1	0.007	0.836	0.000	100.000	120.653	-0.890
S2	0.007	0.848	0.000	100.000	118.916	-0.871
S3	0.007	0.846	0.000	100.000	119.280	-0.874
S4	0.007	0.846	0.000	100.000	119.273	-0.881
S5	0.007	0.856	0.000	100.000	117.871	-0.863
S6	0.007	0.847	0.000	100.000	119.061	-0.873
S7	0.007	0.850	0.000	100.000	118.652	-0.879
S8	0.007	0.851	0.000	100.000	118.513	-0.874

Internal Reference Calibration, performed Tue Jun 21 07:55:57 2016:						
	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.007	0.858	1.000	0.000


Air Zero Calibration, performed Tue Jun 21 07:54:59 2016:						
	Raw (v)		Calibrated (v)		Results	
	Zero		Zero		Offset	


3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000


Temperature Calibration Report

Serial Number: FW1403-67
 Tool Model: RBT-TEMP
 Performed: Wed Jul 22 12:13:37 2015

	Reference	Reading
Low Reference:	0.00 degF	0.00 degF
High Reference:	1.00 degF	1.00 degF
Gain:	1.00	
Offset:	0.00	
Delta Spacing	5	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
						
			1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
TEMP	11.12					
			RBT-RBT-TEMP (FW1403-67) Probe 2.75" Radii Bond w/Temp Tool	9.17	2.75	90.00
WVFS3FT	8.97					
WVFCAL	8.97					
WVFS1	8.97					
WVFS2	8.97					
WVFS3	8.97					
WVFS4	8.97					
WVFS5	8.97					
WVFS6	8.97					
WVFS7	8.97					
WVFS8	8.97					
WVFS5FT	7.97					

CCL	3.88		GR-Probe275dig (PROFW130211) Probe Digital Gamma CCL	4.78	2.75	57.00
DCCL	3.88					
GR	2.54					
Dataset:			hrc_schubart_farms_1_rbl.db: field/well/run1/pass5			
Total Length:			14.95 ft			
Total Weight:			157.00 lb			
O.D.			2.75 in			

Company	H.R.C. Inc.				
Well	Schubert Farms #1				
Field	---				
County	Lea	State	New Mexico		
		Radial Cement Bond			
		Gamma Ray CCL			
		Log			

DECEMBER 2021 RESULTS

MONITOR WELL INORGANIC COMPOUNDS

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Alkalinity, Bicarbonate	224		5.00	MG/L	12-20-21	310.0
Alkalinity Carbonate	<1.00		1.00	MG/L	12-20-21	310.0
Chloride	68.0		4.00	MG/L	12-20-221	4500. C1.8
Conductivity	671		1.00	UMHOS/CM	12-17-21	120.1
pH	7.83		0.100	pH units	12-17-21	150.1
Sulfate	81.6		25.0	MG/L	12-20-21	375.4
TDS	417		5.0	MG/L	12-20-21	160.1
Alkalinity Total	184		4.00	MG/L	12-20-21	310.1

MONITOR WELL TOTAL RECOVERABLE METALS by ICP (E220.7)

Analyte	Result	MDL	Reporting Limit	Units	Analyzed Date	Method
Calcium	49.8		1.00	MG/L	1-6-22	EPA 200.7
Magnesium	15.2		1.00	MG/L	1-5-22	EPA 200.7
Potassium	1.89	1.83	10.00	MG/L	1-5-22	EPA 200.7
Sodium	63.3		10.00	MG/L	1-5-22	EPA 200.7

Analytical Results For:

ETZ WATER STATION
PO BOX 6056
HOBBS NM, 88241

Project: SCHUBERT
Project Number: SHUBERTFARMS #1 WATER SAMPL
Project Manager: BEN DONAHUE
Fax To:

Reported:
10-Jan-22 12:15

MONITOR WELL
H213654-03 (Water)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories
Inorganic Compounds

Alkalinity, Bicarbonate	259		5.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Alkalinity, Carbonate	<1.00		1.00	mg/L	1	1120308	AC	20-Dec-21	310.1	
Chloride*	364		4.00	mg/L	1	1121717	GM	20-Dec-21	4500-Cl-B	
Conductivity*	1970		1.00	umhos/cm @ 25°C	1	1121716	GM	17-Dec-21	120.1	
pH*	7.42		0.100	pH Units	1	1121716	GM	17-Dec-21	150.1	
Temperature °C	21.7			pH Units	1	1121716	GM	17-Dec-21	150.1	
Sulfate*	264		50.0	mg/L	5	1122003	AC	20-Dec-21	375.4	
TDS*	1160		5.00	mg/L	1	1120903	GM	21-Dec-21	160.1	
Alkalinity, Total*	212		4.00	mg/L	1	1120308	AC	20-Dec-21	310.1	

Green Analytical Laboratories
Total Recoverable Metals by ICP (E200.7)

Calcium*	182		2.50	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	
Magnesium*	50.7		2.50	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	
Potassium*	5.36	4.58	25.0	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	J
Sodium*	127		25.0	mg/L	25	B213157	JDA	05-Jan-22	EPA200.7	

Cardinal Laboratories

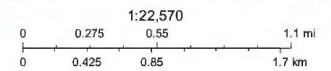
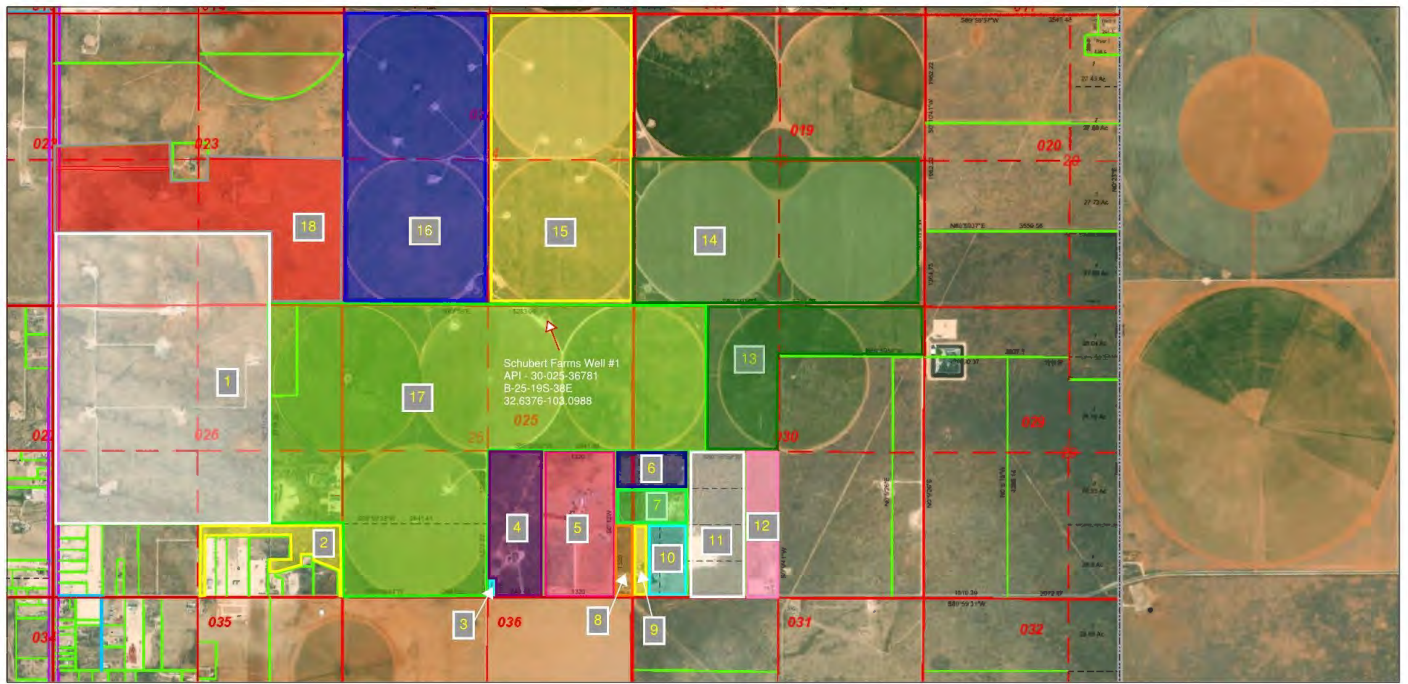
*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

APPENDIX G



SCHUBERT FARMS WELL #1 NOTIFICATION LIST (ADJOINING PROPERTY OWNERS)

No.	Name	Address	City,State,Zip	Type	Parcel ID
1	WFM Ranch	PO Box 21116	Billings, MT 59104	Adjoining Property Owner	4000415620002
2	H.R.C. Inc.	PO Box 5102	Hobbs, NM 88241	Adjoining Property Owner	4980603111406
3	Anella L. Comprary	2900 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000005470001
4	Andy R. Comprary III	2900 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000423360001
5	Terry Walker	3510 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000403330001
6	David J. Walker	10125 High Country Ln.	Forney, TX 75126	Adjoining Property Owner	4000757970001: 4000757970001
7	Walter F. Marshall	6607 S. Richards Dr.	Hobbs, NM 88240	Adjoining Property Owner	4000757960001: 4000757960002
8	Tracy W. Headstream	PO Box 2363	Hobbs, NM 88241	Adjoining Property Owner	4000424630001
9	Nikki Corneluis	3510 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000424640001
10	Jose Alvarez Jr.	3528 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000769810001
11	Standifer Investments	300 Meadows Crest Rd.	Fort Worth, TX 76108	Adjoining Property Owner	4000403410002
12	Gonzolo Garcia	816 E. Green Acres	Hobbs, NM 88240	Adjoining Property Owner	4000754510001
13	S&H Enterprises	PO Box 1606	Hobbs, NM 88241	Adjoining Property Owner	4000792680003
14	S&H Enterprises	PO Box 1606	Hobbs, NM 88241	Adjoining Property Owner	4000418400001
15	Jayson Lee Ussery	4201 E. Nadine Rd.	Hobbs, NM 88240	Adjoining Property Owner	4000424820001
16	Bryan Hal Ussery	5018 Eunice Hwy.	Hobbs, NM 88240	Adjoining Property Owner	4000015880001
17	S&H Enterprises	PO Box 1606	Hobbs, NM 88241	Adjoining Property Owner	4000763520001: 4000763520002
18	Bryan Hal Ussery	5018 Eunice Hwy.	Hobbs, NM 88240	Adjoining Property Owner	4000424790002

VIII. Attach a contingency plan for reporting and clean-up of spills or releases.

Pipeline Contingency

H.R.C. Inc. recognizes the potential for leaks to occur in its production pipeline which is run on the surface from the well site to the storage facility. In order to address this concern H.R.C. Inc. has implemented a daily program to visually inspect the line for any leaks or discharges. Should a leak be detected the transfer pump will be shut down and the line will be shut in to allow for any repairs and to prevent any additional leakage. Clamps will be placed on both sides of the line to isolate the affected area. Repairs will be performed on the line and a hydrostatic test will be performed on the line to verify complete line integrity after repairs have been made. An assessment of the magnitude of the spill/leak will be performed and the necessary steps will be put into action to ensure the impacted area has been secured, that the released water has been contained, and that all liquids have been removed from the impacted site. H.R.C. Inc. will submit Form C-141 to the OCD to report the release and all subsequent actions taken. H.R.C. Inc. will comply with all regulations set forth in NMAC 19.15.29 pertaining to releases.

Wellsite & Storage Tank Contingency

All above ground piping and tanks at the well site will be visually inspected for leaks by company personnel during each site visit. (At least two times per day during routine well checks). Man way gaskets, tank battery liners, and valves will be visually inspected at all tanks daily. Any problems such as leaks, spills or well abnormality will be taken to the attention of H.R.C. supervisor immediately. Should a leak be detected on any tank, it will be isolated and contents will be removed and placed in the other tanks on location. Once empty the necessary repairs will be performed to put the tank back into service. Inspection of the tank will be performed while filling to ensure the leak has been corrected. H.R.C. Inc. will assess the magnitude of the leak and will comply with all regulations set forth in NMAC 19.15.29 pertaining to leaks and reporting. Immediate actions will be taken upon discovery of a well or tank leak to locate, isolate, and remediate the problem. A form C-141 will be filled out and submitted to the OCD to provide notification of the release.

H.R.C. Inc.
P.O. Box 5102
Hobbs, NM 88241

ANALYSIS OF BRINE WELL CLOSING EXPENSES
Schubert Farms Well #1
API# 30-025-37548

PLUG & ABANDON COSTS

\$49,150.00	Well Plugging, Pulling Unit, Tools, Etc. (Lucky Services)
	Trucking, Rental Equipment, Water, Misc. (Lucky Services)
\$20,268.00	Cementing (Spinnaker Oilfield)
\$5000.00	Contingency

\$74,418.00 **Total Plug & Abandon Costs**

TANK/SURFACE EQUIPMENT/ETC.

\$51,615.00	Remove Tanks (Includes Cleaning) (1 st Backhoe)
	Remove & Haul off signs, concrete, fencing, etc. (1 st Backhoe)
	Removal of Pit Liner & Berm Material (1 st Backhoe)
	Removal of Production Pipeline (1 st Backhoe)
	Reseeding (1 st Backhoe)
\$6500.00	Supervision & Contingency

\$58,115.00 **Total Surface Restoration Costs**

SUBSURFACE MONITORING

\$20,000.00	Surveying Expenses (\$1000.00 x 5 years x 4 Quarter / Year)
\$5,000.00	Office Expenses (Reporting at \$1000 / Year)

\$25,000.00 **Total Subsurface Monitoring Costs**

\$157,533.00 **Total Closure Plan Costs**