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TRANSMITTAL COVER SHEET

DATE: December 5, 2025
TO: ALL CONTRACTORS
FROM: DENISE KING, PE
PROJECT: NEW BEASLEY GROUNDWATER PRODUCTION WELL
FOR RIVIERIA UTILITIES
GMC PROJECT NO. CMOB250098
RE: ADDENDUM #1

PLEASE COMPLETE BELOW AND RETURN IMMEDIATELY.

Email: ashley.nobles@gmcnetwork.com

I, the undersigned, hereby acknowledge receipt of this Addendum.

Authorized Representative of Contractor

Date

Company Name

Telephone

Contractor's License Number (if applicable)



ADDENDUM NUMBER 1

NEW BEASLEY GROUNDWATER PRODUCTION WELL

FOR

RIVIERA UTILITIES

GMC PROJECT NO. CMGM250098

1. Revisions to Project Manual

- 1.1 The following revisions are hereby added as Addendum No. 1 to the referenced Project Manual and Plans and shall be considered when preparing bids.

2. General Information

- 2.1 Estimate Range: \$1.8 million-\$2.0 million.
- 2.2 The Contractor will be required to coordinate with the Riviera Utilities Electrical Substation Manager for required bonding of the drilling rig during construction.
- 2.3 The driller's log and E-log from the Test Well is included with this Addendum for reference.
- 2.4 The pump-to-waste energy dissipator box is designed to be constructed with CMU walls; however, it can be constructed with poured-in-place concrete walls if the Contractor prefers that method.

3. Clarifications

- 3.1 Part 1.1.E of Section 33 11 13 – Water Supply Wells is revised to the following:
- *The well drilling can be sub-contracted to a certified and licensed well driller. The electric logging and certified water chemical analysis can also be sub-contracted.*
- 3.2 Part 3.2.E of Section 33 11 13 – Water Supply Wells is revised to the following:
- *The Driller can utilize mud rotary drilling for installation of the outer casing, and reverse circulation drilling for installation of the inner casing and screens. The Driller shall ensure that there is no contamination of the aquifer during installation of the outer casing. All material to be used in the construction of the well shall be stored above ground to avoid contamination of the surface water.*

4. Revisions to Project Manual

- 4.1 Revised Section 01 15 00 – Measurement and Payment is included with this Addendum and shall replace the Section currently in the Project Manual.

5. Revisions to Plans

- 5.1 Revised Plan Sheets C-901, C-902, C-903, C-904 and C-905 are included with this Addendum and shall replace the Sheets currently in the Plan Set. Dimensions were added to the energy dissipator box, and details were added for the well head concrete slab and CMU walls.



6. Acknowledgement of Receipt

6.1 Receipt of Addendum No. 1 shall be acknowledged in two ways:

6.1.1 Note on (EJCDC C-410) page 3 of Bid Form – Bidder acknowledges receipt of “Addendum No. 1” and date of “December 5, 2025”.

AND

6.1.2 EMAIL the signed transmittal sheet to ashley.nobles@gmcnetwork.com to confirm the Addendum has been received and is legible.

7. Conclusion

7.1 This is the end of Addendum Number 1, dated Friday, December 5, 2025.

SECTION 01 15 00 – MEASUREMENT AND PAYMENT

PART 1 – GENERAL

1.1 GENERAL:

- A. For the information and guidance of bidders, the following explanation of the bid form items is made. The omission or reference to any item in this description shall not, however, alter the intent of the bid form or relieve the Contractor of the necessity of furnishing such as a part of the Contract. The quantities set forth in the bid form are approximate and are given to establish a uniform basis for the comparison of bids. The Owner reserves the right to increase or decrease the quantity of any class or portion of the work during the progress of construction in accordance with the terms of the Contract. Unit prices are used as a means of computing the final figures for bid and contract purposes, for periodic payments for work performed, for determining value of additions or deletions and wherever else reasonable.
- B. Payment shall be made on the basis of work actually performed toward the completion of each item in the Contract proposal and construction cost breakdown, such work including, but not limited to, the furnishing of all necessary labor, materials, equipment, transportation, cleanup, and all other appurtenances to complete the construction and installation of the work to the configuration and extent as shown on the Drawings and described in the Specifications.
- C. The Contractor shall assume responsibility for all materials and equipment stored, protection of his product and compliance with all federal, state and local safety regulations.
- D. The Contractor will be paid only for satisfactorily installed and tested quantities. All material order quantities shall be taken from field measurements after approval from the Engineer. The Owner will not pay for excess leftover materials. All quantities derived or measurements taken from project plan sheets shall be considered estimates only.
- E. All excavation shall be bid on an “unclassified” basis. All costs for this type of work must be included in the amounts bid in the Proposal. No extra payment will be made for rock excavation or for muck excavation or the removal of any wet, unstable, or unsuitable soil. Should any unsuitable soil be encountered, the Contractor is responsible for procuring suitable material for backfill in those areas and all costs for this work must be included in the amounts bid in the proposal. The Contractor is required to inspect the area to his satisfaction prior to turning in a Bid Proposal.

2.1 BID ITEMS:

- A. Mobilization (NTE 5% of Total Bid)
 - 1. Work performed under this item shall consist of preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; and for other necessary work, operations or costs which are incurred prior to the beginning of construction. Bond costs, license fees, lump sum insurance premiums, and other such items of expense may be included but any item that will be subsequently paid for as project work or material on hand shall be excluded.

2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents. The cost of mobilization shall not exceed five percent (5%) of the total amount bid.

B. Well Casing and Tail Pipe

1. Work performed under these items shall include furnishing all materials, equipment, and labor necessary to furnish and install new 20" outer casing, 14" inner casing and 14" tail pipe in accordance with the plans and specifications.
2. Payment for each shall be at the unit price per vertical foot (VF) of well casing and tail pipe installed, tested, and accepted as stated in the contract documents.

C. Well Screen

1. Work performed under this item shall include furnishing all materials, equipment, and labor necessary to furnish and install new 14" screen in accordance with the plans and specifications.
2. Payment shall be at the unit price per vertical foot (VF) of screens installed, tested, and accepted as stated in the contract documents.

D. Column Pipe

1. Work performed under this item shall include furnishing all equipment, materials, and labor necessary to furnish and install new well column pipe (6" minimum diameter) in accordance with the plans and specifications.
2. Payment shall be at the unit price per vertical foot (VF) of column pipe installed, tested, accepted as stated in the contract documents.

E. Capacity Test, Geophysical Log, Water Quality Analysis, and Well Completion Report

1. Work performed under these items shall include furnishing all materials, equipment, and labor required to complete each item in accordance with the specifications and all applicable standards.
2. Payment for each shall be at the lump sum (LS) contract price as stated in the contract documents.

F. Convert Existing Test Well to Monitoring Well

1. Work performed under this item shall include furnishing all materials, equipment, and labor required to convert the existing test well to a monitoring well in accordance with the contract documents and specifications, including a lockable steel cover and a 3'x3' concrete pad poured around the cover.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

G. Pumping Equipment

1. Work performed under this item shall include furnishing all materials, equipment, and labor necessary to furnish and install the new well pump in accordance with the plans and specifications; including but not limited to, concrete pump foundation, airline, safety cable, power cable, electrical disconnect, and other incidentals necessary to complete the work.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

H. Yard Piping

1. Work performed under this item shall include furnishing all materials, equipment, and labor required to install all water piping shown on the drawings and in accordance with the contract documents, specifications and details, including but not limited to; installation, disinfection and testing of all water piping, fittings and valves, flow meter, pipe supports, construction of the pump-to-waste energy dissipator box, shoring, trench excavation, backfill and compaction, and other miscellaneous items required to complete the work.
2. Payment shall be at the lump sum (LS) price as stated in the contract documents.

I. Site Work

1. Work performed under this item shall include furnishing all labor, materials, and equipment required to perform the site work as shown on the drawings and in accordance with the contract documents, specifications, and details, including but not limited to: site preparation, excavation, initial and final grading, installation of gravel surfacing and access drive, installation of the well head concrete pad and CMU walls, and other miscellaneous items required to complete the work.
2. All cost for temporary construction access shall be considered in the price bid under this line item.
3. Payment shall be at the lump sum (LS) price as stated in the contract documents.

J. Pump/Equipment Canopy

1. Work performed under this item shall include furnishing all labor, materials, and equipment required to furnish and construct a pre-engineered metal canopy in the location shown on the drawings and in accordance with the contract documents, including construction of the column footers.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

K. Security Fencing

1. Work performed under this item shall include furnishing all equipment, materials, and labor required to furnish and construct the chain link security fence and gates in locations shown on the drawings and in accordance with the contract documents.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

L. Emergency Generator (Including ATS)

1. Work performed under this item shall include furnishing all labor, materials, and equipment required to install the emergency natural gas generator, ATS, and concrete slab as shown on the drawings and in accordance with the contract documents, specifications, and details.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

M. Electrical

1. Work performed under this item shall include furnishing all labor, materials, and equipment required to construct and install electrical equipment and components as shown on the Drawings and in accordance with the contract documents, specifications, and details.
2. This includes but not limited to: service pole, panels, lighting, grounding, conduit, wiring, and related appurtenances.

3. Payment shall be at the lump sum (LS) price as stated in the contract documents.

N. SCADA

1. Work performed under this item shall include furnishing all labor, materials, and equipment required to construct and install SCADA equipment and components as shown on the Drawings and in accordance with the contract documents, specifications, and details.
2. Payment shall be at the lump sum (LS) price as stated in the contract documents.

O. Erosion Control Measures

1. Work performed under this item shall include furnishing all equipment, materials, labor and costs required to install, maintain and remove erosion control measures in locations shown on the drawings and as needed during construction in accordance with the contract documents.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

P. Cleanup & Site Restoration

1. Work performed under this item shall include furnishing all equipment, materials, labor and costs required to complete all cleanup, sodding, seeding and mulching, final grading, and other site restoration items in accordance with the contract documents, specifications, and drawings.
2. Payment shall be at the lump sum (LS) contract price as stated in the contract documents.

Q. Construction Survey Allowance

1. The Construction Survey Allowance shall be a cash allowance to include costs for all construction stakeout or survey to be performed by the Engineer. The Contractor shall provide a copy of any invoices for this work with the monthly request for payment. Refer to Section 01 21 00 – Allowances for additional information.
2. Payment shall be at the lump sum (LS) price as stated in the contract documents.

R. Construction Materials Testing Allowance

1. The Construction Materials Testing Allowance shall include costs for the required material and compaction/density testing, and concrete testing to be performed during construction. The Contractor shall provide a copy of any invoices for this work with the monthly request for payment. Refer to Section 01 21 00 – Allowances for additional information.
2. Payment shall be at the lump sum (LS) price as stated in the contract documents.

S. Owner's Contingency Allowance

1. The Owner's Contingency Allowance shall be a cash allowance for the Owner's use to cover unanticipated costs. In the event there are additions and/or changes to the work in the contract, the Owner will have the ability to use Contingency Allowance funds to pay the Contractor for these items of work. Items included under the Contingency Allowance shall first be approved by the Owner and Engineer prior to completing the work. Any work completed without approval from the Owner/Engineer is at risk of non-payment
2. Contractor's costs for products, delivery, installation, labor, insurance, payroll, taxes, bonding, equipment rental, overhead, and profit will be included in Change Orders authorizing expenditure of funds from this contingency allowance.

3. Funds will be drawn from contingency allowance only by Change Order.
4. At closeout of Contract, funds remaining in the contingency allowance will be credited to Owner by Final Summary Change Order.

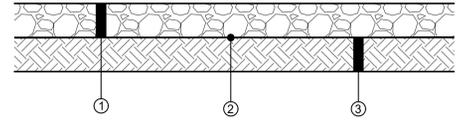
PART 2 – PRODUCTS (not used)

PART 3 – EXECUTION (not used)

END OF SECTION 01 15 00

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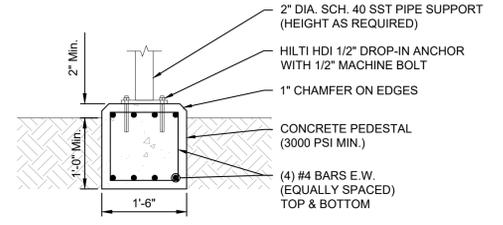
1 2 3



- ① REQ'D 4.0" ALDOT #57 OR #67 CRUSHED AGGREGATE SURFACING (ROLLED AND COMPACTED)
- ② REQ'D PROPEX GEOTEX 4x4HF GEOTEXTILE FABRIC OR PRE-APPROVED EQUIVALENT.
- ③ REQ'D 6.0" UNDERCUT AND REPLACEMENT WITH STRUCTURAL FILL COMPACTED TO 98% STANDARD PROTOR MAXIMUM DRY DENSITY.

1 GRAVEL SURFACING SECTION
C-904 SCALE: N.T.S

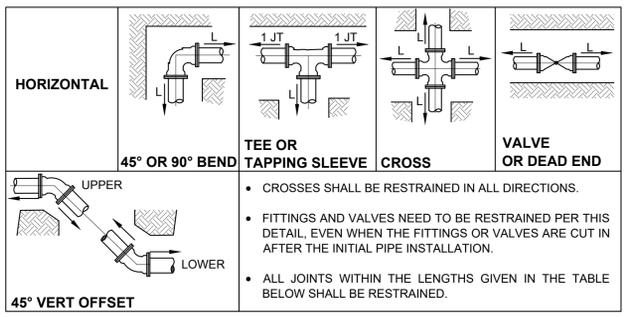
4 5



- 2" DIA. SCH. 40 SST PIPE SUPPORT (HEIGHT AS REQUIRED)
- HILTI HDI 1/2" DROP-IN ANCHOR WITH 1/2" MACHINE BOLT
- 1" CHAMFER ON EDGES
- CONCRETE PEDESTAL (3000 PSI MIN.)
- (4) #4 BARS E.W. (EQUALLY SPACED) TOP & BOTTOM

2 PIPE SUPPORT ATTACHMENT DETAIL
C-904 SCALE: N.T.S

6 7 8



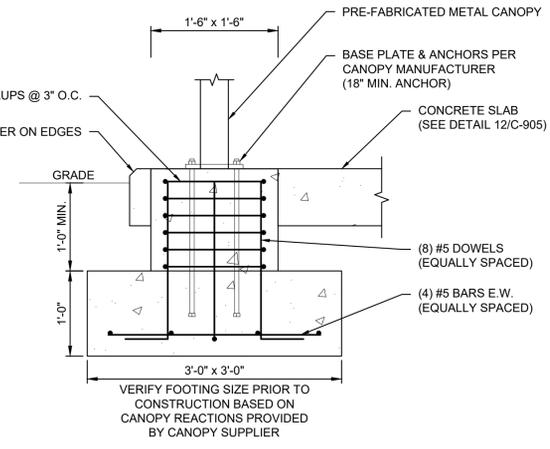
- CROSSES SHALL BE RESTRAINED IN ALL DIRECTIONS.
- FITTINGS AND VALVES NEED TO BE RESTRAINED PER THIS DETAIL, EVEN WHEN THE FITTINGS OR VALVES ARE CUT IN AFTER THE INITIAL PIPE INSTALLATION.
- ALL JOINTS WITHIN THE LENGTHS GIVEN IN THE TABLE BELOW SHALL BE RESTRAINED.

DIAMETER (INCHES)	HORIZONTAL DUCTILE IRON PIPE - LINEAR FEET			45° VERTICAL OFFSET (FEET)			
	45°	90°	TEE OR CROSS	VALVES & DEAD ENDS	REDUCERS LARGE SIDE	UPPER	LOWER
8	11	25	20	45	20	19	11
10	13	30	29	54	20	23	13
12	15	35	39	63	20	26	15
14	17	40	47	72	20	30	17
16	19	44	56	81	20	34	19

THE NOTED REQUIREMENTS WERE CALCULATED IN ACCORDANCE WITH THRUST RESTRAINT CALCULATOR V7.1.2 BY EBAA IRON WITH THE FOLLOWING ASSUMPTIONS:

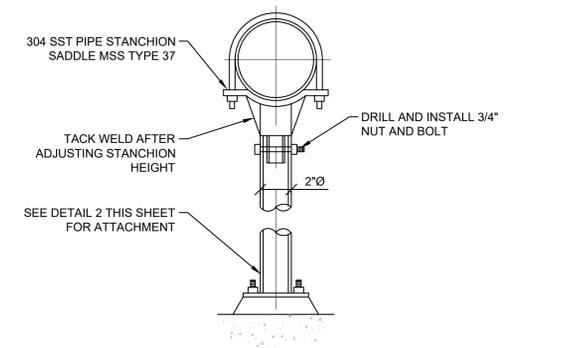
- SOIL CONDITIONS: SANDS (SM, SP)
 - LAYING CONDITION: 3, LOOSE SOIL BEDDING, BACKFILL LIGHTLY CONSOLIDATED TO TOP OF THE PIPE.
 - MINIMUM COVER: 3.0 FT
 - SAFETY FACTOR: 1.5, BARE PIPE.
- IF FIELD CONDITIONS DIFFER FROM THE ABOVE, CONTRACTOR SHALL NOTIFY ENGINEER.

5 RESTRAINED JOINT LENGTHS
C-904 SCALE: N.T.S

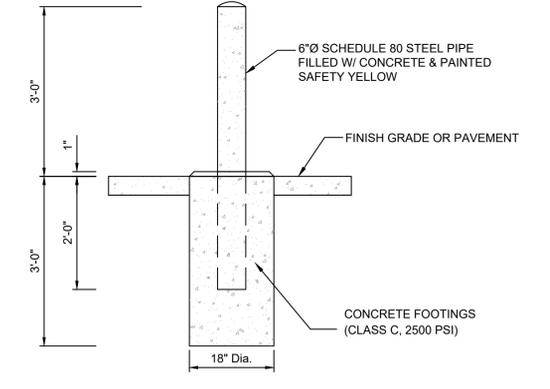


3 COLUMN FOOTING DETAIL
C-904 SCALE: N.T.S

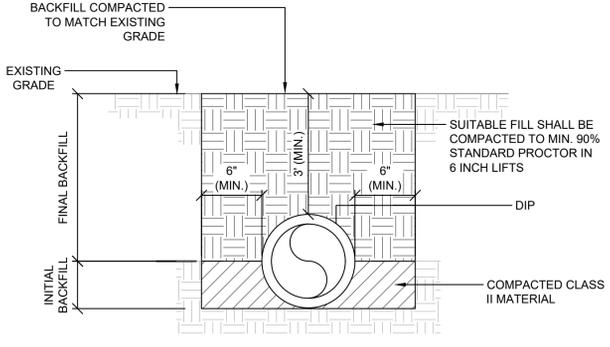
4" THROUGH 12" PIPE



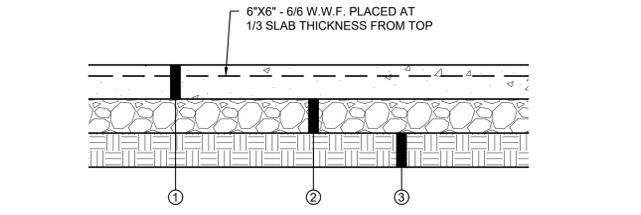
4 PIPE SUPPORT DETAIL
C-904 SCALE: N.T.S



6 BOLLARD DETAIL
C-904 SCALE: N.T.S



7 EMBEDMENT FOR DUCTILE IRON PRESSURE PIPE - TYPE II
C-904 SCALE: N.T.S



- ① REQ'D 6.0" 4000 PSI COMPRESSIVE STRENGTH CONCRETE.
- ② REQ'D 6.0" MIN. CRUSHED STONE BASE, ALDOT SECTION 825, TYPE B (COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY)
- ③ REQ'D 6.0" UNDERCUT AND REPLACEMENT WITH STRUCTURAL FILL COMPACTED TO 98% STANDARD PROTOR MAXIMUM DRY DENSITY.

8 CONCRETE ENTRANCE DRIVE SECTION
C-904 SCALE: N.T.S

DRAWING FILE: T:\Projects\Alabama Utilities\CMOB250098 - New Beasley Groundwater Production Well\DWG\PLANS\C904_DETAILS.dwg



11 North Water Street, Suite 19290
Mobile, AL 36602
T 251.460.4006
GMCNETWORK.COM



ISSUE	DATE
BID SET	02/28/2025

DRAWN BY CC
CHECKED BY MW/DK

NEW BEASLEY GROUND-
WATER PRODUCTION WELL
RIVERA UTILITIES

GMC No. CMOB250098



11/12/2025

PROJECT DETAILS

C-904



Vulcan Test Well Geophysical Summary Plot

COMPANY: Johnson Well Drilling

PROJECT: Vulcan

Ocean Springs, MS 39564

(256) 325-1504

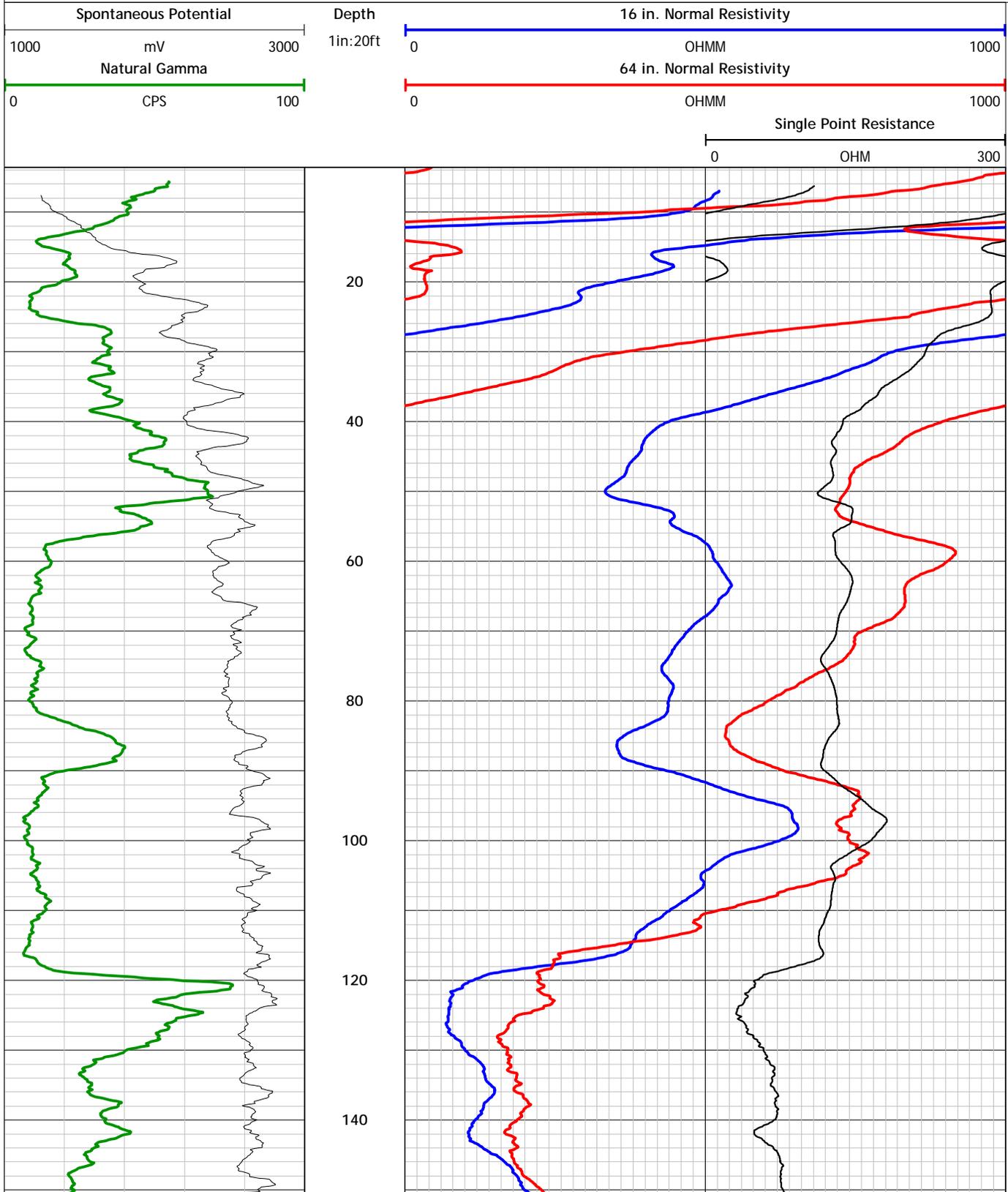
www.colog.com

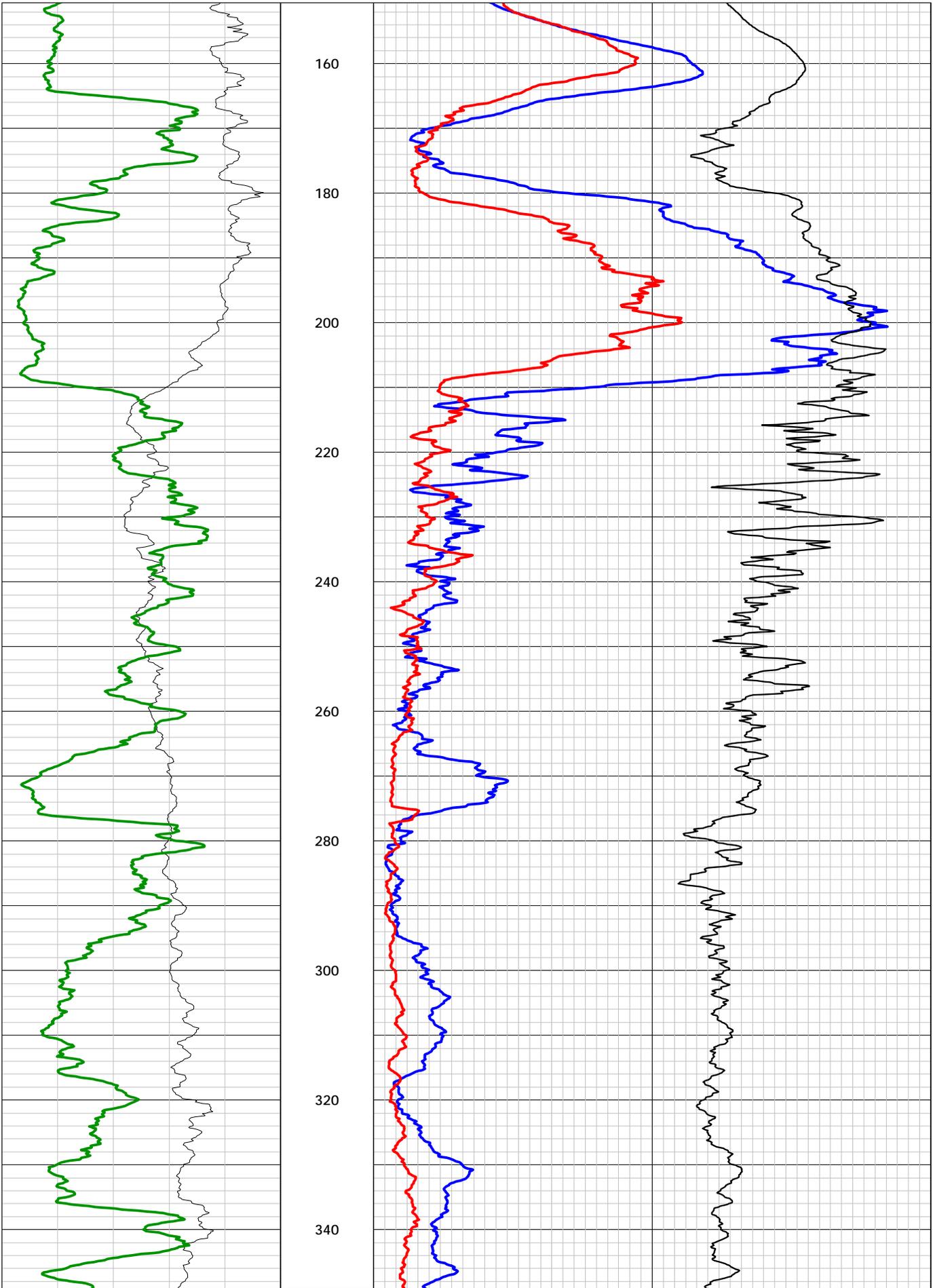
DATE LOGGED: 7-17-24

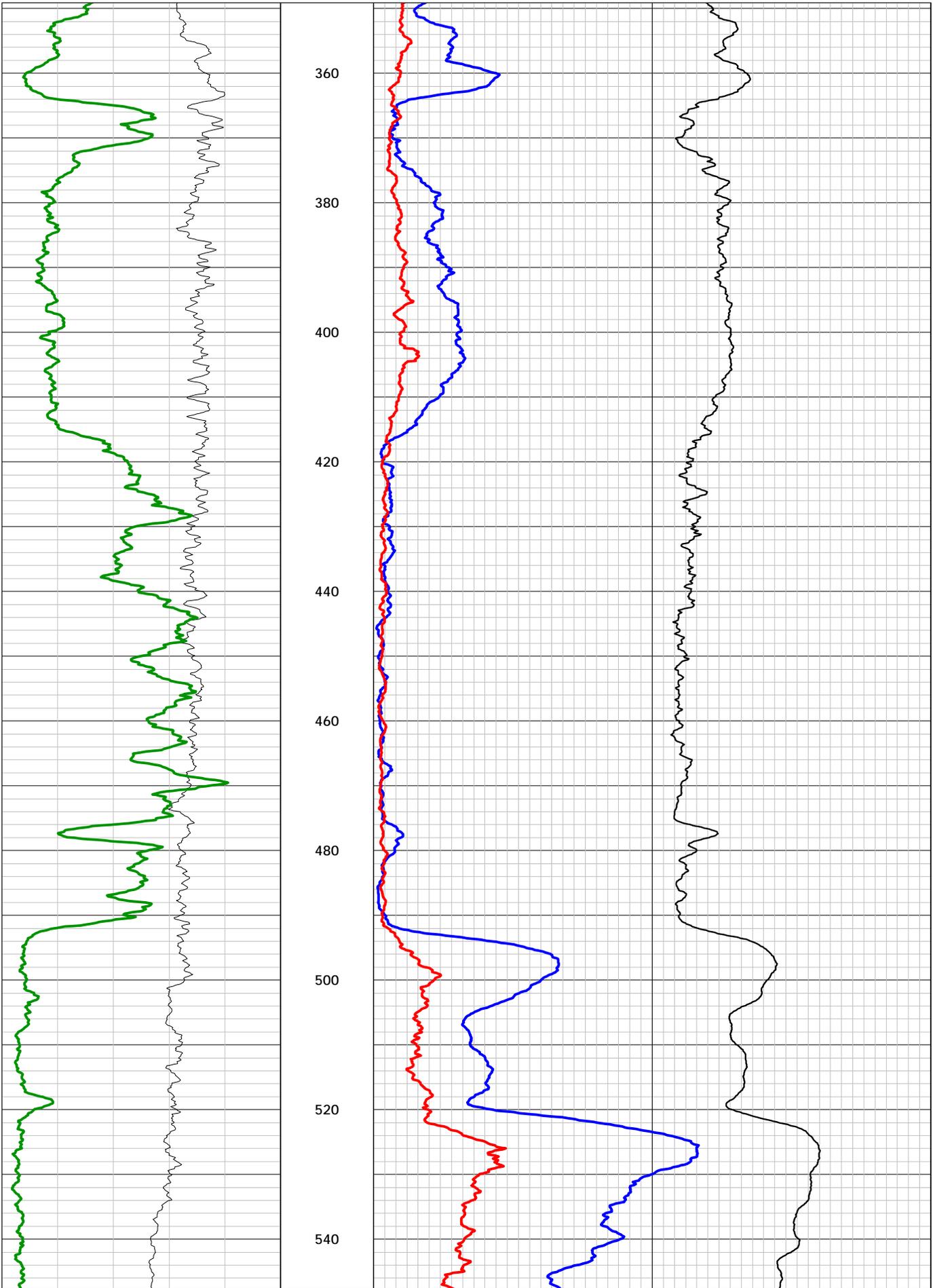
WELL: Vulcan Test Well

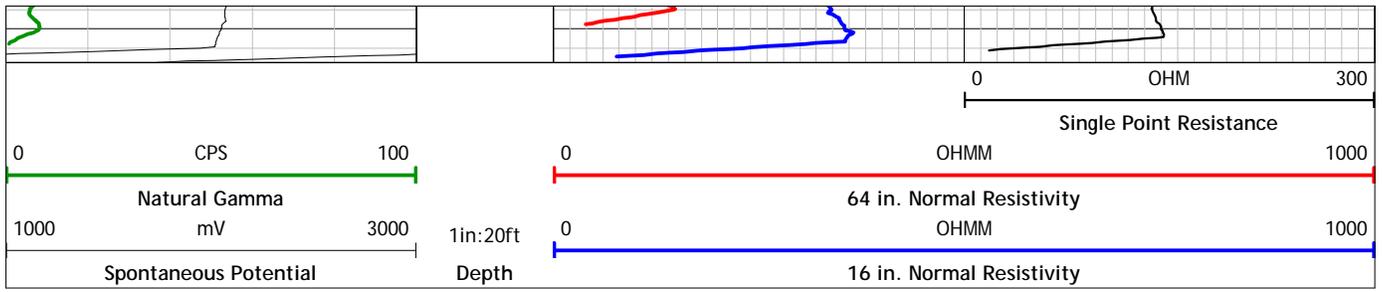
COMMENTS:

Depths referenced to ground surface. High Scale.









Beasley Test Well Driller's Log

2-14 clay

14-55 sand

55-64 clay

64-85 sand

85-100 clay/wood

100-128 sand

128-132 clay

132-146 sand

146-183 clay

183-184 rock

184-220 sand

225-308 clay

308-370 sand

370-380 clay

380-392 sand

392-465 clay

475-520 sand

520-522 wood

522-555 sand

