KOLAR Document ID: 1710996

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Address 1: | OPERATOR: License # | API No.: |
|--|--|--|
| Address 2: | Name: | Spot Description: |
| City: | Address 1: | SecTwpS. R East West |
| Contact Person: | Address 2: | Feet from North / South Line of Section |
| Designate Type of Completion: Designate Type of Completion | City: State: Zip: + | Feet from _ East / _ West Line of Section |
| CONTRACTOR: License # | Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Name: | Phone: () | □NE □NW □SE □SW |
| Name: | CONTRACTOR: License # | GPS Location: Lat: . Long: |
| Designate Type of Completion: | Name: | (e.g. xx.xxxxx) (e.gxxx.xxxxxx) |
| Purchaser: | Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 |
| Designate Type of Completion: New Well | | County: |
| New Well | | Lease Name: Well #: |
| Oil | | Field Name: |
| Gas | | Producing Formation: |
| OG | | Elevation: Ground: Kelly Bushing: |
| GM (Coal Bed Methane) | | Total Vertical Depth: Plug Back Total Depth: |
| Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes No | | |
| If Workover/Re-entry: Old Well Info as follows: | | |
| Operator: Well Name: If Alternate II completion, cement circulated from: | | |
| Well Name: Original Total Depth: feet depth to: w/ sx cmt. Original Comp. Date: Original Total Depth: feet depth to: w/ sx cmt. Deepening | • | |
| Original Comp. Date: Original Total Depth: Deepening | Operator: | |
| Deepening Re-perf. Conv. to EOR Conv. to SWD Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Commingled Permit #: Dual Completion Permit #: Dewatering method used: De | Well Name: | feet depth to: w/ sx cmt. |
| Plug Back Liner Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #: | Original Comp. Date: Original Total Depth: | |
| Commingled Permit #: | ☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD | |
| Dual Completion Permit #: | ☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer | (Data must be collected from the Reserve Pit) |
| Dual Completion Permit #: Dewatering method used: Location of fluid disposal if hauled offsite: Completion Date or Dewatering method used: Location of fluid disposal if hauled offsite: Completion Date or License #: License #: | Commingled Parmit # | Chloride content: ppm Fluid volume: bbls |
| SWD Permit #: | | Dewatering method used: |
| EOR Permit #: Operator Name: | | Location of fluid disposal if hauled offsite: |
| GSW | | Econion of haid disposal in fladied choice. |
| Spud Date or Date Reached TD Completion Date or Quarter Sec. Twp. S. R. East West | | Operator Name: |
| Spud Date or Date Reached TD Completion Date or ——————————————————————————————————— | <u> </u> | Lease Name: License #: |
| | Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R |
| | - P | County: Permit #: |

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

| KCC Office Use ONLY |
|---|
| Confidentiality Requested |
| Date: |
| Confidential Release Date: |
| Wireline Log Received Drill Stem Tests Received |
| Geologist Report / Mud Logs Received |
| UIC Distribution |
| ALT I II Approved by: Date: |

KOLAR Document ID: 1710996

Page Two

| Operator Name: | | | | | Lease Nam | ne: | | | Well #: | | | | |
|--|--|------------------------------|---------------------------------|--|--|------------------------------|------------------------------------|-------------------------------|--|---|--|--|--|
| Sec Tw | pS. F | R [| East | West | County: | | | | | | | | |
| open and closed and flow rates if | , flowing and sh gas to surface t ty Log, Final Lo | nut-in pressurest, along wit | es, whe h final c ain Geo | ther shut-in pre hart(s). Attach physical Data a | essure reached extra sheet if r and Final Electr | station more : ric Loc | level, hydrosta space is needed | tic pressures, d. | bottom hole tempe | val tested, time tool rature, fluid recovery, Digital electronic log | | | |
| Drill Stem Tests (Attach Addit | | | Ye | es No | | Lo | og Formatio | n (Top), Deptl | n and Datum | Sample | | | |
| Samples Sent to | Geological Sur | vey | Ye | es 🗌 No | | Name |) | | Тор | Datum | | | |
| Cores Taken Electric Log Run Geologist Repor List All E. Logs F | t / Mud Logs | | Y€ Y€ | es No | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | Repo | | RECORD [| Nev | w Used rmediate, producti | on. etc. | | | | | |
| Purpose of St | | ze Hole Orilled | Siz | e Casing (In O.D.) | Weight Lbs. / Ft. | | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives | | | |
| Dilliod | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | ADDITIONAL | OF MENTING / | | | | | | | | |
| Purpose: | [| Depth | Typo | of Cement | # Sacks Use | | EEZE RECORD | Typo a | nd Percent Additives | | | | |
| Perforate Protect Ca Plug Back | Top | Bottom | туре | or cement | # Sacks Use | ,u | | туре а | ia Percent Additives | | | | |
| Plug Off Z | | | | | | | | | | | | | |
| Did you perform Does the volum Was the hydraul | e of the total base | fluid of the hyd | draulic fra | cturing treatmen | | • | Yes ns? Yes | No (If No | , skip questions 2 an , skip question 3) , fill out Page Three o | , | | | |
| Date of first Produ | ction/Injection or | Resumed Produ | uction/ | Producing Meth | | | Coolift 0 | thor (Fundain) | | | | | |
| Estimated Produc | otion | Oil Bb | le. | Flowing Gas | Pumping Mcf | Wate | | ther <i>(Explain)</i> bls. | Gas-Oil Ratio | Gravity | | | |
| Per 24 Hours | | Oli Bb | 15. | Gas | IVICI | vvale | ı Di | JIS. | Gas-Oil Hallo | Gravity | | | |
| DISPO | OSITION OF GAS | S: | | N | METHOD OF CO | MPLE. | TION: | | PRODUCTIO | N INTERVAL: | | | |
| Vented | Sold Use | d on Lease | | Open Hole | | | | nmingled | Тор | Bottom | | | |
| (If vente | ed, Submit ACO-18 | .) | | | (5 | SUDITIIL I | ACO-5) (Subi | mit ACO-4) | | | | | |
| Shots Per Foot | Perforation Top | Perforation Bottom | on | | | | | | s, Shot, Cementing Squeeze Record unt and Kind of Material Used) | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TUBING RECOR | D: Size: | | Set At: | | Packer At: | | | | | | | | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Pantera Energy Company |
| Well Name | MCHARGUE 'A' 6 |
| Doc ID | 1710996 |

All Electric Logs Run

| DIL-GR | |
|--------|--|
| D-N PE | |
| MICRO | |
| SONIC | |

| Form | ACO1 - Well Completion |
|-----------|------------------------|
| Operator | Pantera Energy Company |
| Well Name | MCHARGUE 'A' 6 |
| Doc ID | 1710996 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | | Type and Percent Additives |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|-----|---|
| Conductor | 17.5 | 13.625 | 54 | 81 | Α | 100 | 1% 5MG 3%CC 1/4# CCU CM FLAKE |
| Surface | 12.25 | 8.625 | 32 | 1750 | Α | 560 | 2% GYP 2%SMS 2%CC 1/4# FLAKE |
| Production | 7.875 | 5.5 | 17 | 6278 | Н | 390 | 5% GYP 10%CC .4%C-17 2#/SK TB |
| | | | | | | | |

QUASAR ENERGY SERVICES, INC.



3288 FM 51

Gainesville, Texas 76240 Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2J

12/27/22 CEMENTING JOB LOG

CEMENTING JOB LOG Company: PENTERA ENERGY COMPANY Well Name: MCHARGUE A#6 Type Job: CONDUCTOR/MOUSEHOLE AFE #: 0 **CASING DATA** Size: 133/8 Grade: 0 Weight: 54.5 **Casing Depths** Top: 0 Bottom: 0 Drill Pipe: Size: 0 Weight: 0 Tubing: 0 Size: Weight: 0 Grade: TD (ft): 85 Open Hole: Size: 17 1/2 T.D. (ft): 85 Perforations From (ft): 0 0 To: Packer Depth(ft): 0 **CEMENT DATA** Spacer Type: $ft^3/_{sk}$ Amt. Sks Yield Density (PPG) LEAD: CLASS A 1%SMS 3%CC 1/4#CELLFLAKE Excess 100 Sks Yield ft 3/sk Amt. 1.57 157 Density (PPG) 13.98 TAIL: **Excess** $ft^3/_{sk}$ Amt. Sks Yield Density (PPG) WATER: Lead: gals/sk: Tail: gals/sk: Total (bbls): Pump Trucks Used: Bulk Equipment: Disp. Fluid Type: Amt. (Bbls.) 10 Weight (PPG): Mud Type: Weight (PPG): **COMPANY REPRESENTATIVE: CEMENTER: ANGEL ECHEVARRIA** TIME PRESSURES PSI FLUID PUMPED DATA **REMARKS** AM/PM **ANNULUS** Casing **Tubing** TOTAL **RATE** 0900 ON LOCATION-RIG UP-SAFETY MEETING 1000 150 27.96 PUMP 100SX @ 13.98# 1020 200 4 DISPLACE W/ H2O 10 SHUT IN CSG **CEMENT TO SURFACE RIG DOWN** JOB COMPLETED THANK YOU

CEMENTING JOB LOG - Page: 1

QUASAR ENERGY SERVICES, INC.



20:03

20:05

140

280

280

260

310

400

CEMENTING JOB LOG

3288 FM 51

Gainesville, Texas 76240 Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2J

12/28/22 CEMENTING JOB LOG

Pantera Energy Compnay Company: Well Name: Mchargue A#6 Type Job: **SURFACE** AFE #: **CASING DATA** Size: 85/8 Grade: Weight: 32 **Casing Depths** Top: Bottom: 1748 Drill Pipe: Size: Weight: Packer: Open Hole: Size: 12 1/4 T.D. (ft): 1755 Hole: **CEMENT DATA** Spacer Type: ft 3/sk Amt. Sks Yield 0 Density (PPG) LEAD: Class A: 2% Gyp., 2%SMS., 2% CC., 1/4# Celloflake Excess Amt. 410 Sks Yield 1197.2 ft 3/ck Density (PPG) 11.43 TAIL: Class A: 2% Gyp., 2% SMS., 2% CC., 1/4# Celloflake **Excess** ft 3/sk Amt. 150 Sks Yield 273 1.82 Density (PPG) 13.3 WATER: Lead: 410 gals/sk: 18 Tail: 150 gals/sk: 9.75 Total (bbls): 210.5 Pump Trucks Used: 04, DP03 **Bulk Equipment:** 230, 660-24 / 189, 660-21 Disp. Fluid Type: Water (Supplied) Amt. (Bbls.) 103.8 Weight (PPG): 8.3 **COMPANY REPRESENTATIVE:** Terry **CEMENTER:** Daniel Beck TIME PRESSURES PSI FLUID PUMPED DATA **REMARKS** AM/PM Casing **ANNULUS Tubing** TOTAL **RATE** 17:45 ON LOCATION & SAFETY MEETING 17:50 RIG UP 18:50 **RIG TO CIRCULATE** 19:17 RIG TO PT 19:18 PRESSURE TEST TO 1500PSI 19:21 400 213.2slurry 6.1 PUMP 410SX LEAD @ 11.4# 19:53 340 48.6slurry 5.5 PUMP 150SX TAIL @ 13.8#

| | 450 70 | | | 4.7 | 75BBL IN CEMENT TO SURFACE | | | | | | |
|-----------|---------------|------------------------|-------|-----------------------|--------------------------------------|--|--|--|--|--|--|
| | 550 80 | | | 4.1 | | | | | | | |
| | 650 | | 90 | 5.2 | | | | | | | |
| | 650 | 93 | | 5.1 | SLOW RATE TO 2.1BPM @ 550PSI | | | | | | |
| 20:26 | 580 | | 103.8 | 2.0 | LAND PLUG / PRESSURE UP TO 1100PSI | | | | | | |
| 20:28 | | | | | RELEASE BACK FLOAT HELD | | | | | | |
| | | | | | JOB COMPLETE | | | | | | |
| Company: | Pantera Energ | Pantera Energy Compnay | | | Mchargue A#6 | | | | | | |
| Type Job: | SURFACE | | | AFE #: | | | | | | | |
| Date: | 12/28/2022 | EMENTING JOB LOG | | | QUASAR ENERGY SERVICES, INC. 185-2 | | | | | | |
| | | | CEME | NTING JOB LOG - Page: | 1 | | | | | | |

5.0

5.9

5.8

5.4

6.0

5.4

10

20

30

40

50

60

SHUTDOWN / DROP PLUG

DISPLACE

QUASAR ENERGY SERVICES, INC.

QUASAR ENERGY SERVICES NC

3288 FM 51

Gainesville, Texas 76240 Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185-2J

1/2/23 CEMENTING JOB LOG

CEMENTING JOB LOG Company: PANTERA ENERGY COMPANY Well Name: MCHARGUE A#6 Type Job: LONG STRING AFE #: 0 **CASING DATA** Size: 5 1/2 Grade: Weight: 17 Bottom: 35.2 **Casing Depths** Top: 0 Drill Pipe: Size: 0 Weight: 0 0 Grade: 0 TD (ft): 6300 Tubing: Size: 0 Weight: Open Hole: Size: 7.7/8 T.D. (ft): 6300 From (ft): Packer Depth(ft): 0 Perforations To: 0 **CEMENT DATA Spacer Type:** $ft^3/_{sk}$ Density (PPG) Sks Yield Amt. CLASS A 50/50/8 .3%C-19 **Excess** LEAD: $ft^3/_{sk}$ Density (PPG) 150 Sks Yield 2.53 379.5 11.41 Amt. CLASS H 50/50/2 5%GYP 10%SALT .4%C-17 2#/SK TACTICAL BLITZ **Excess** TAIL: ft 3/sk Amt. 240 Sks Yield 1.56 374.4 Density (PPG) 13.77 WATER: Tail: 7.5 Lead: gals/sk: 15 gals/sk: Total (bbls): Pump Trucks Used: **Bulk Equipment:** Weight (PPG): Disp. Fluid Type: 4% KCL Amt. (Bbls.) 144.85 Weight (PPG): Mud Type: **COMPANY REPRESENTATIVE: CEMENTER: ANGEL ECHEVARRIA** PRESSURES PSI FLUID PUMPED DATA TIME **REMARKS** AM/PM **ANNULUS** TOTAL Tubing **RATE** Casing ON LOCATION-RIG UP-SAFETY MEETING 1130 PRESSURE TEST LINES TO 2500PSI 0005 PLUG RAT AND MOUSE 30SX AND 20SX 0015 PUMP LEAD 100SX @ 11.4# 45.05 3.3 0030 150 0045 300 66.68 5.6 PUMP TAIL 240SX @ 13.77# SHUT DOWN WASH TO PIT - DROP PLUG -0105 40 6.5 DISPLACE W/ 4%KCL 0115 350 80 5.2 500 5 110 1000 120 4.6 1100 130 1400 1600 144.8 0143 LAND L.D. PLUG TO 2100PSI **RELEASE BACK** 0148 **PLUG HELD RIG DOWN** JOB COMPLETED THANK YOU

CEMENTING JOB LOG - Page: 1

Geo Log Header WellSight Systems

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: MCHARGUE A-6

Well Id:

Location: Section 2 - 33S - 34W Seward Co, Kansas

License Number: API # 15-175-22287 Region: Shuk

Spud Date: Dec.27th, 2022 Drilling Completed: Jan. 1st, 2023

Surface Coordinates: 2299' FNL & 2600' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 2854 K.B. Elevation (ft): 2868' Logged Interval (ft): 3000' To: 6300' Total Depth (ft): 6300'

Formation: Lansing Kansas City

Type of Drilling Fluid: Chemical Gel/Polymer Fresh Water -Based

Printed by WellSight LogViewer from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Pantera Energy Company

Address: 817 S. Polk, Suite 201

Amarillo, Texas 79101 Co. Geo: Mr. Phil Moore

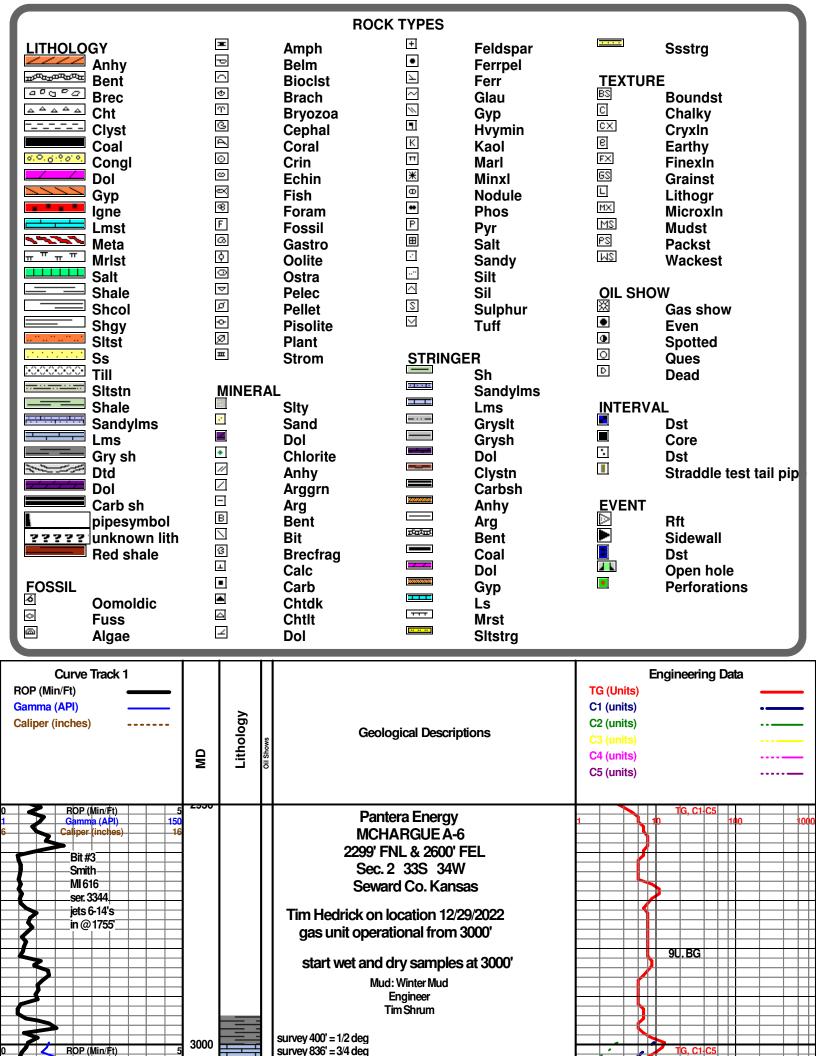
GEOLOGIST

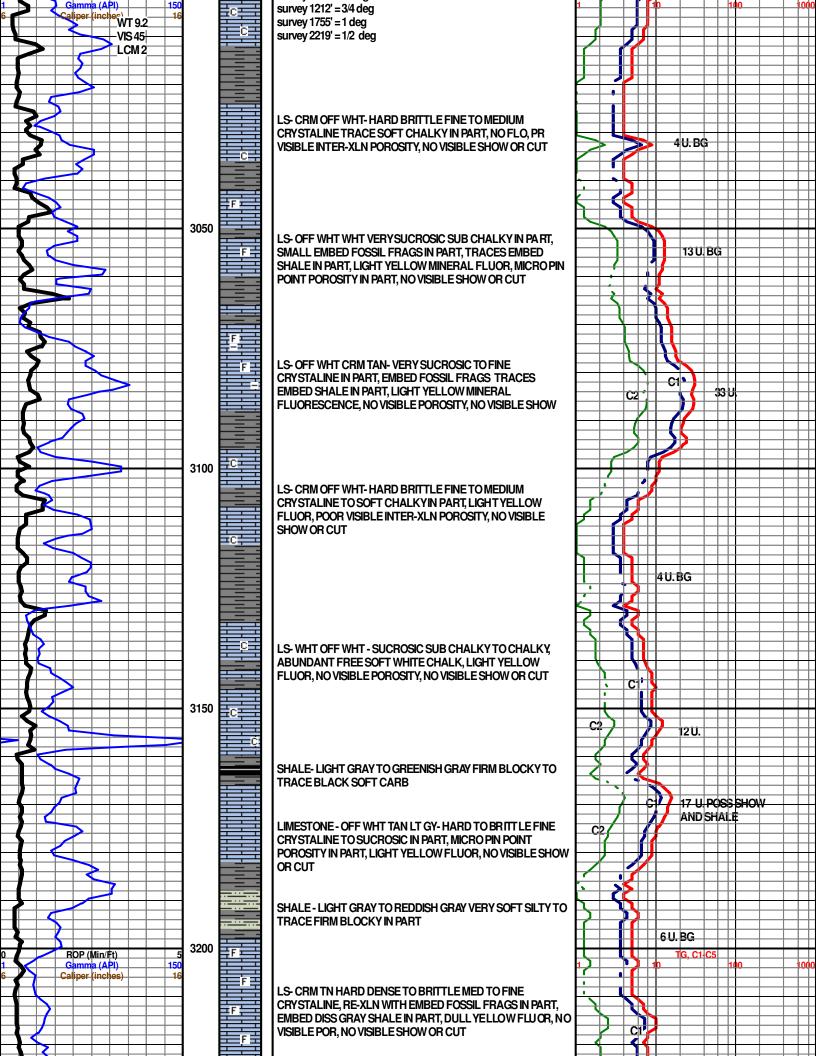
Name: TIM HEDRICK

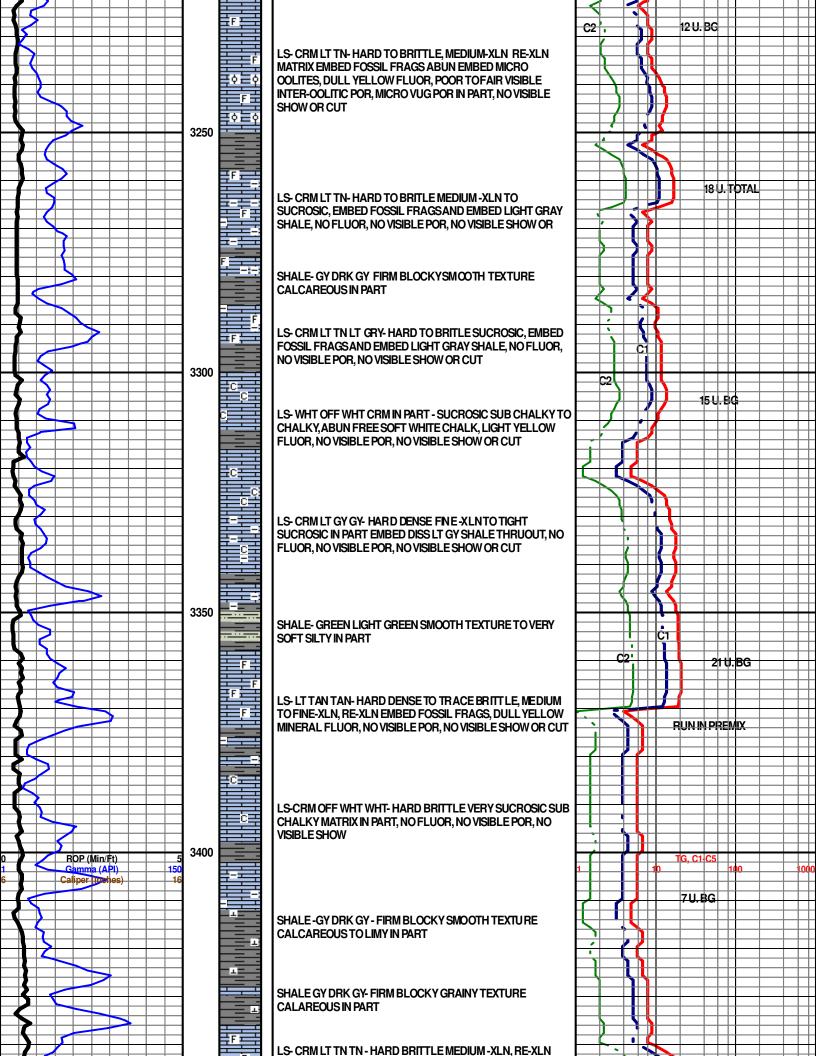
Company: EARTH TECH OGL,INC

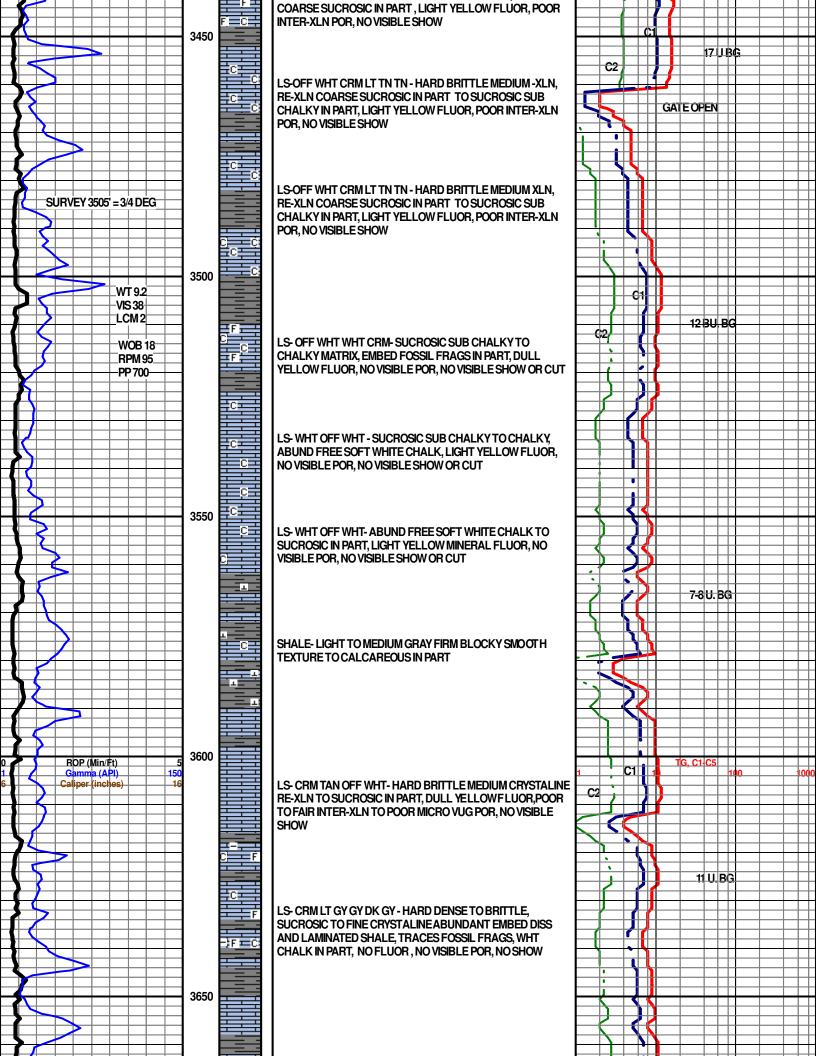
Address: Po BOX 683

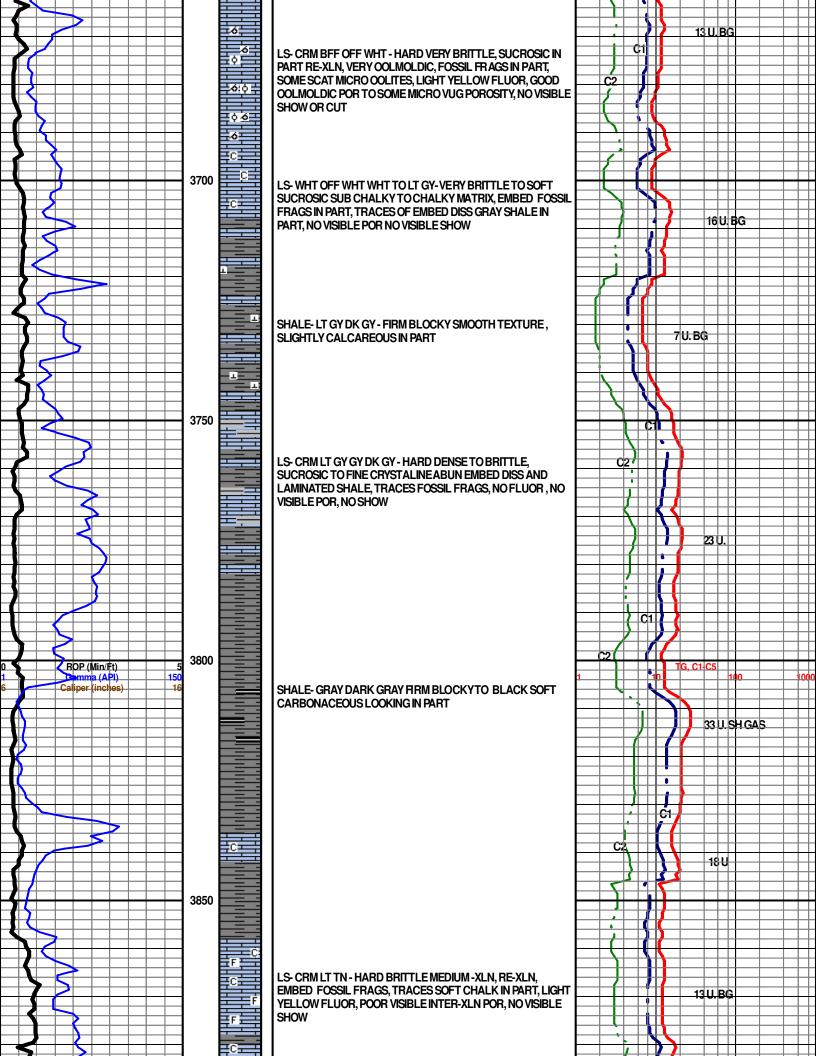
Hooker, okla. 73945 580-754-0062 Cell

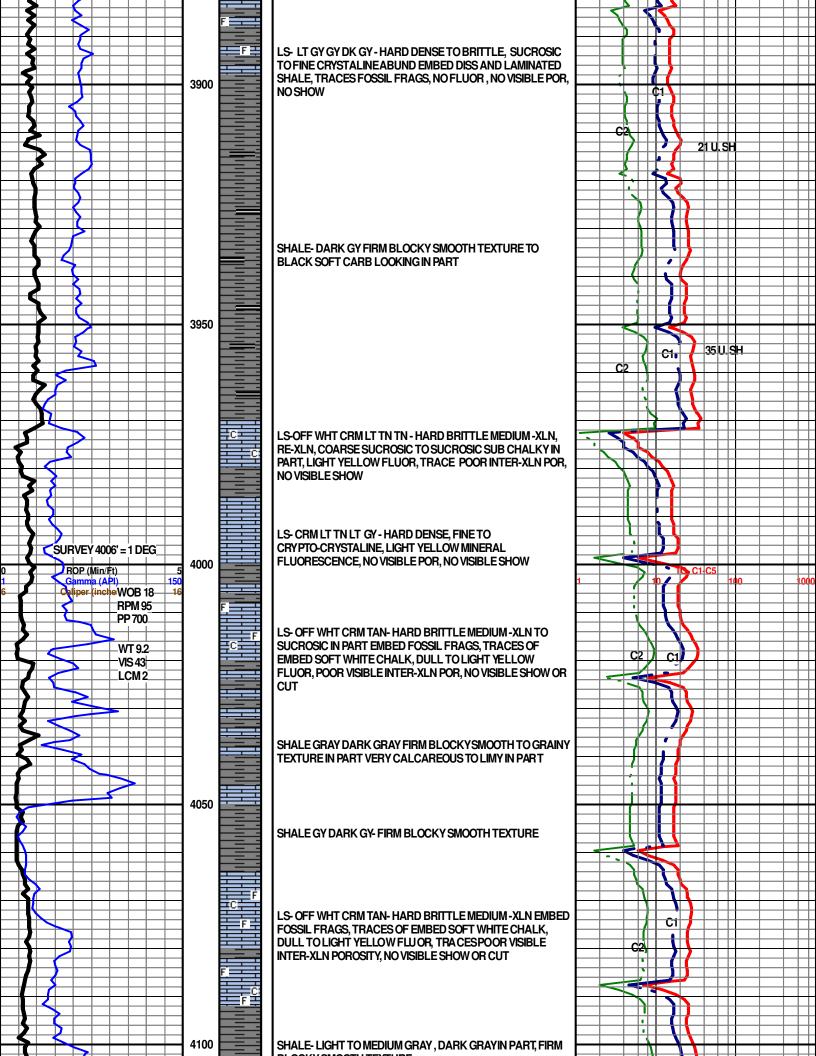


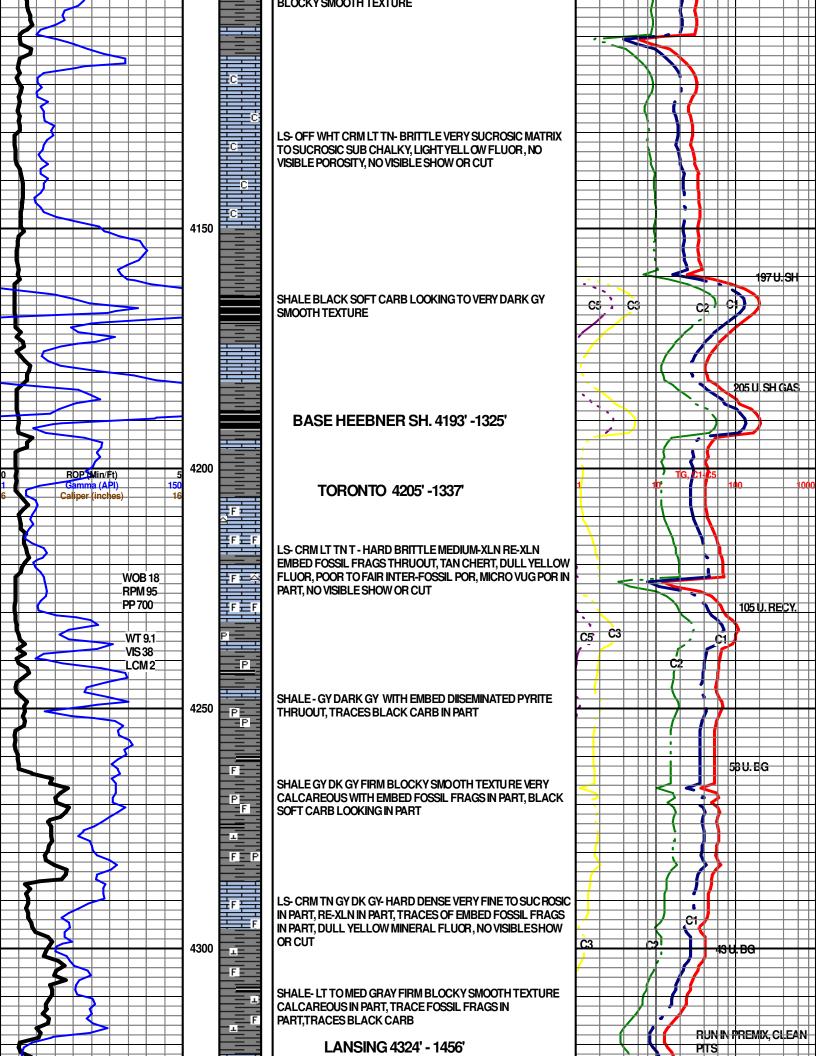


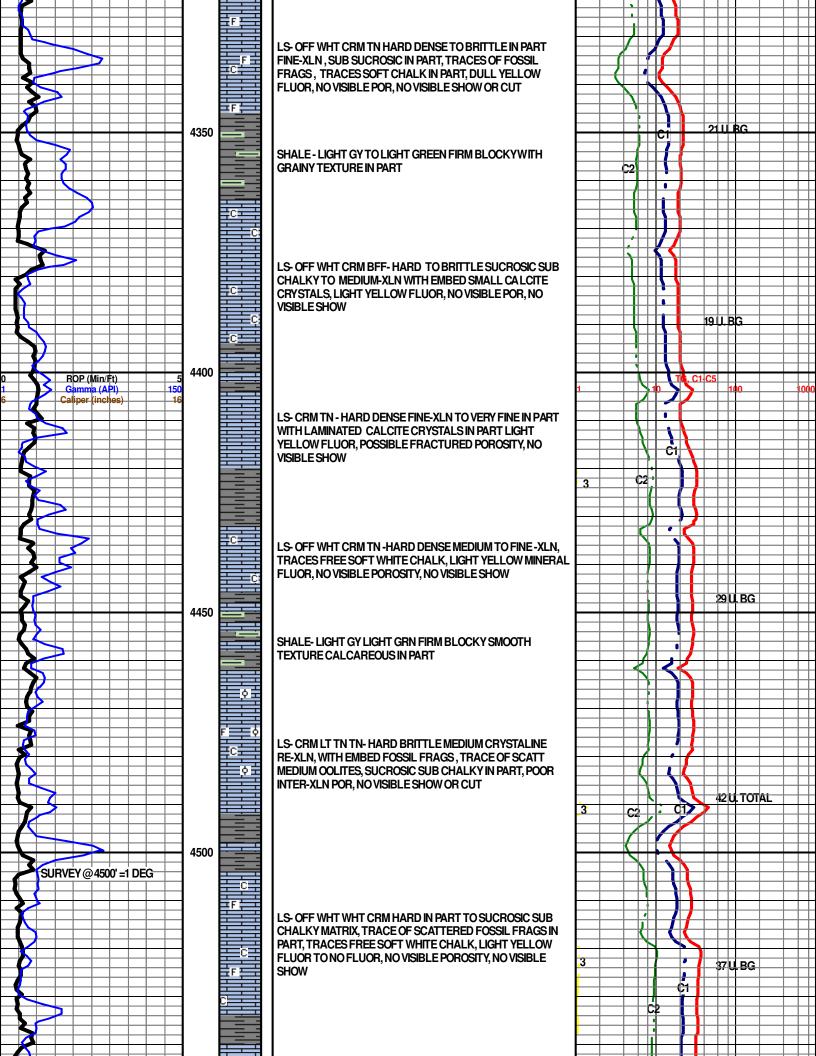


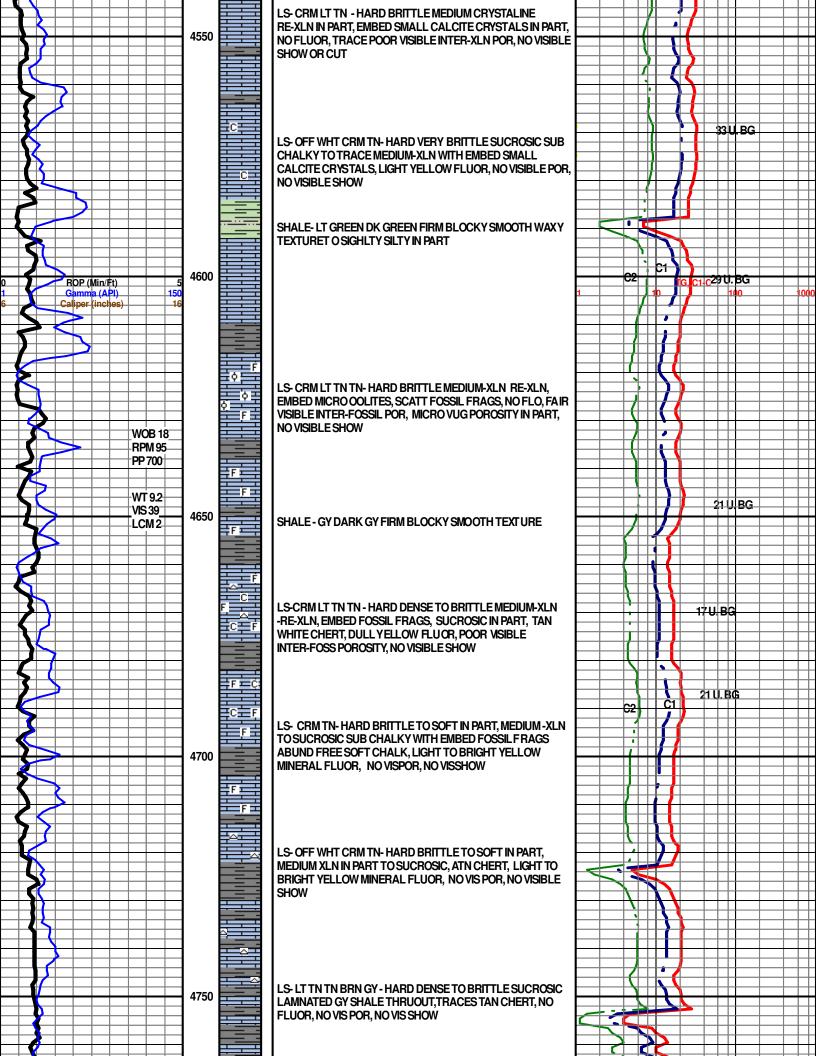


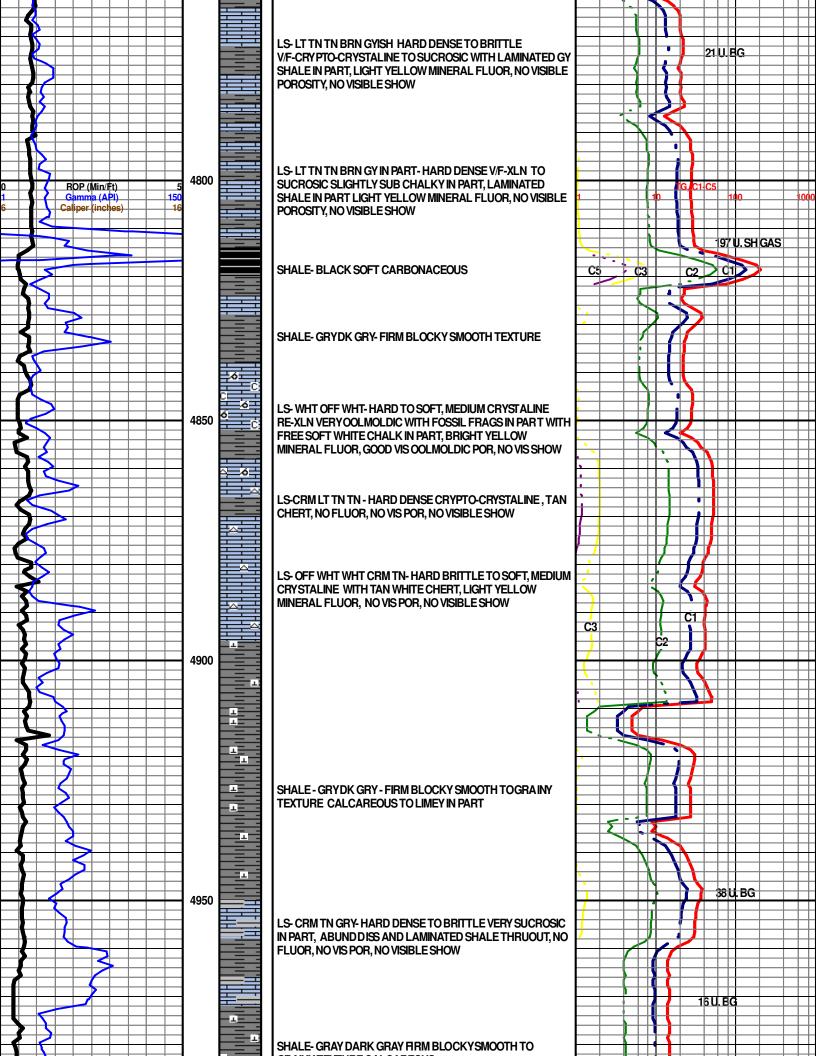


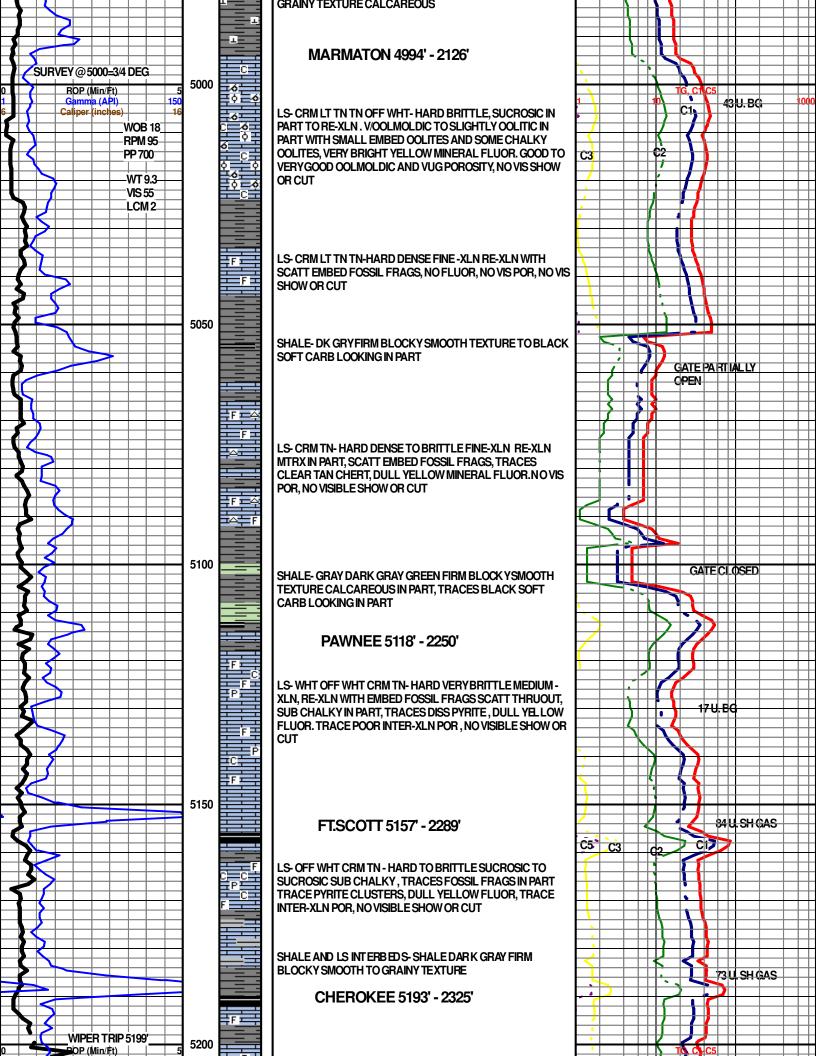


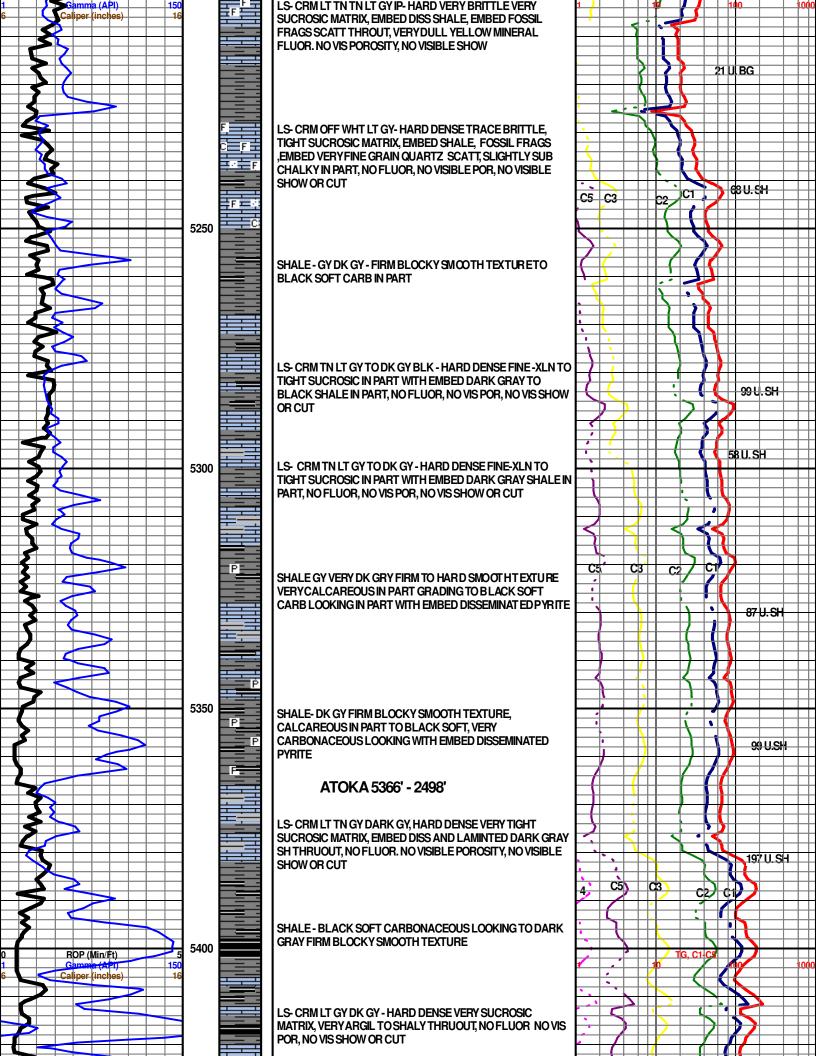


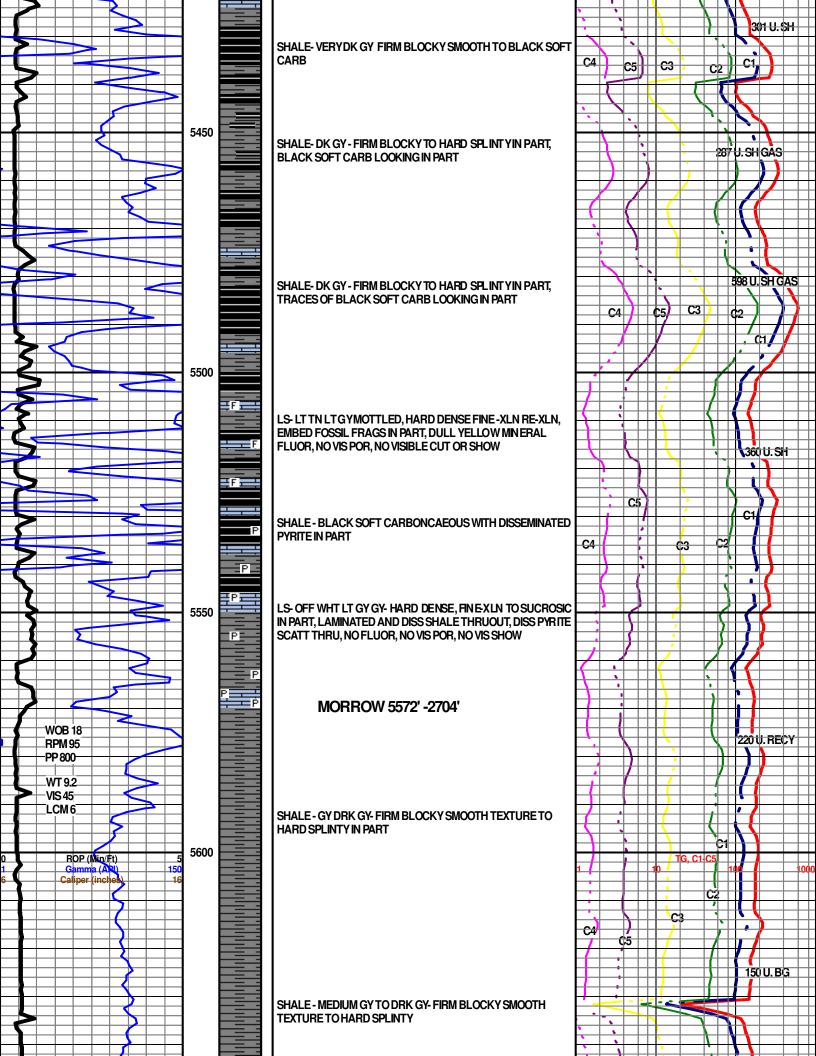


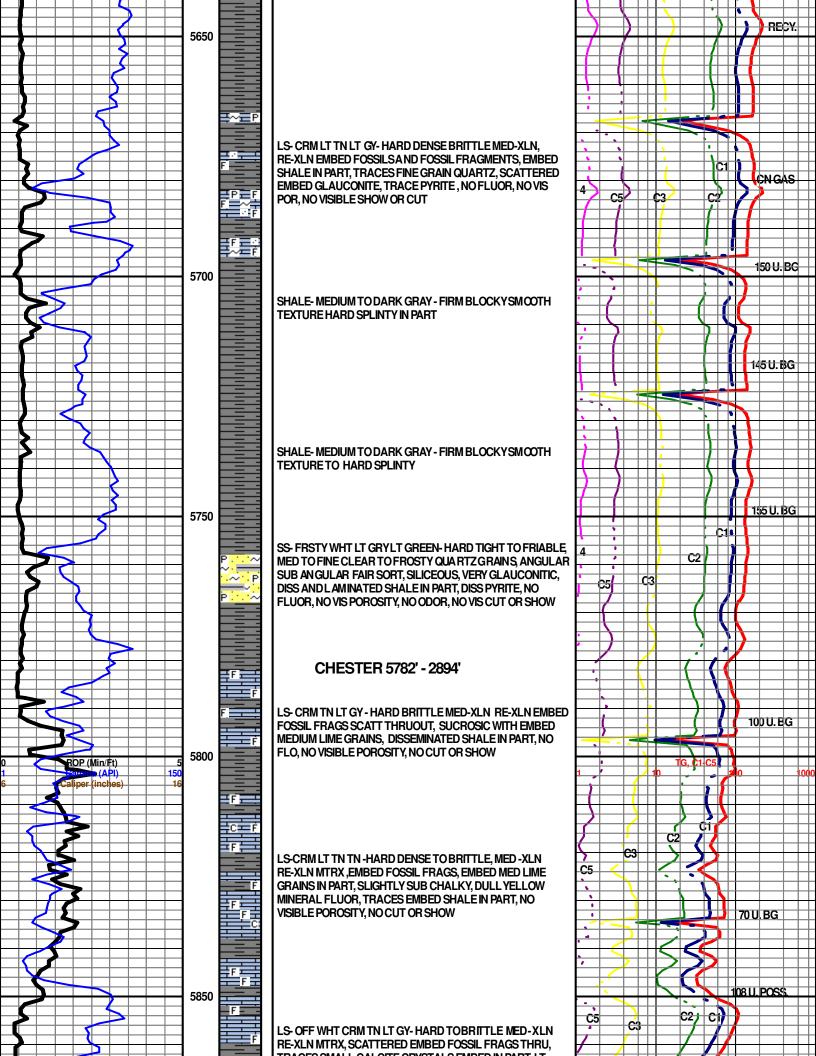


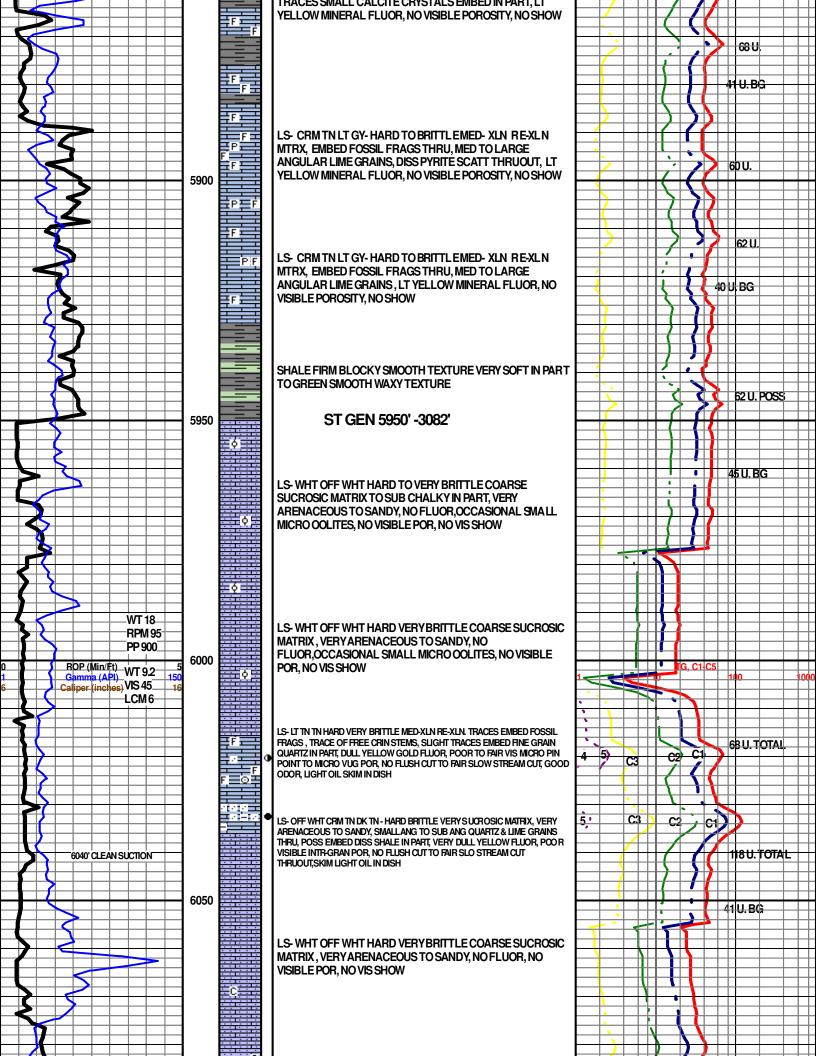


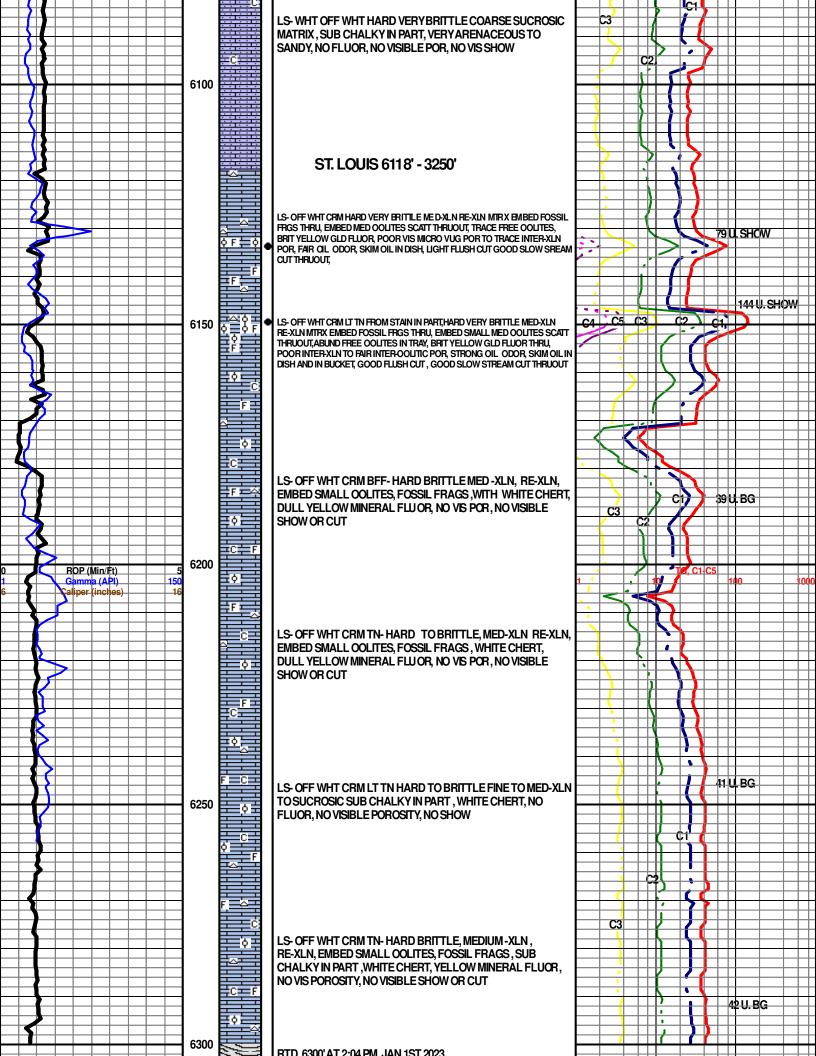












| RTD 6300' | THE SOUNT EIGHT IN GRANIO LEED | | | + | R | D 6 | 300 | • | \equiv | \blacksquare | $\overline{}$ |
|-----------|-------------------------------------|--|----------|--------------|---|-----|------------------|----------------|---------------|----------------|---------------|
| | CFS 60 MINUTES | | \Box | \mp | | | \vdash | \blacksquare | | \blacksquare | \mp |
| LTD 6294' | SHORT TRIP/CTCH | | Н | + | | | | H | = | \blacksquare | \mp |
| | | | \Box | # | | | \Box | Ħ | \Rightarrow | \Box | † |
| | TOFL/ | | | † | | | | # | | | \pm |
| | RIGGING DOWN LOGGERS 7 AM 1/02/2023 | | Н | + | | | \vdash | ╫ | | + | + |
| | | | | Ŧ | | | | \blacksquare | = | \blacksquare | \mp |
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