



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1125444
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1125444

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|--|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Vincent Oil Corporation |
| Well Name | Steimel 1-27 |
| Doc ID | 1125444 |

All Electric Logs Run

| |
|-------------------|
| |
| Dual Induction |
| Density - Neutron |
| Micro-log |
| Sonic |

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Vincent Oil Corporation |
| Well Name | Steimel 1-27 |
| Doc ID | 1125444 |

Tops

| Name | Top | Datum |
|---------------------|------|---------|
| Heebner Shale | 3947 | (-1220) |
| Lansing | 4031 | (-1304) |
| Base Kansas City | 4433 | (-1706) |
| Pawnee | 4534 | (-1807) |
| Cherokee Shale | 4572 | (-1845) |
| Base Penn Limestone | 4673 | (-1946) |
| Basal Penn Sand | 4680 | (-1953) |
| Mississippian | 4692 | (-1965) |
| LTD | 4924 | (-2197) |

ALLIED OIL & GAS SERVICES, LLC 059642

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Medicine Lodge KS

| | | | | | | | | |
|---------------------------|--------------------|---|--------------------------------|------------|-----------------|-------------------------|---------------------------|--|
| DATE <u>11-20-2012</u> | SEC <u>27</u> | TYPE <u>225</u> | RANGE <u>29W</u> | CALLED OUT | ON LOCATION | JOB START <u>6:30am</u> | JOB FINISH <u>10:00am</u> | |
| LEASE <u>Steiner</u> | WELL # <u>1-27</u> | LOCATION <u>Gardena City, ks. east on 156</u> | COUNTY <u>Finney</u> | | STATE <u>KS</u> | | | |
| OLD OR (NEW) (Circle one) | | | <u>to 23, 4 n, 2 w, spline</u> | | | | | |

CONTRACTOR Duke #1 OWNER Vincent Oil Corp

TYPE OF JOB SUSPENS

| | |
|---|-----------------------|
| HOLE SIZE <u>12 1/4</u> | ID <u>396'</u> |
| CASING SIZE <u>8 5/8</u> | DEPTH <u>396'</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT <u>42'</u> |
| CEMENT LEFT IN CSG. | |
| PERFS. | |
| DISPLACEMENT <u>22% bbls of Fresh water</u> | |

CEMENT AMOUNT ORDERED 250.52 C1955 B & 390c
2% Gelf 4 1/2 # Plosser

| | | |
|--------------------------|-------|---------|
| COMMON C1955 B 250.52 @ | 17.90 | 4475.00 |
| POZMIX @ | | |
| GEL <u>4sy</u> @ | 23.40 | 93.60 |
| CHLORIDE <u>8sy</u> @ | 64.00 | 512.00 |
| ASC @ | | |
| HANDLING <u>269.80</u> @ | 2.48 | 669.10 |
| MILEAGE <u>2.25</u> @ | 2.60 | 1625.00 |

EQUIPMENT

| | |
|---|---|
| PUMP TRUCK CEMENTER <u>D Stein F</u> | 1 |
| # <u>558-555</u> HELPER <u>Scott P.</u> | 1 |
| BULK TRUCK | |
| # <u>561-553</u> DRIVER <u>Jake H.</u> | 3 |
| BULK TRUCK | |
| # <u>DRIVER</u> | |

| | |
|---------------|----------|
| TOTAL | 2,374.70 |
| <u>625.00</u> | |

REMARKS:
Pipe on bottom & break circulation
Pump 3 bbls water shoe, mix 250 sy
Cement, shut down, Release plus
5 syra displacement, slow rate to
3 bpm or 22 bbls, bump plus 94
bbls, shut in, cement dia circulation
to cells.

SERVICE

| | |
|---------------------------------------|----------------|
| DEPTH OF JOB <u>396'</u> | |
| PUMP TRUCK CHARGE | <u>1512.25</u> |
| EXTRA FOOTAGE @ | |
| MILEAGE <u>50</u> @ <u>2.70</u> | <u>385.00</u> |
| MANIFOLD @ | |
| L:Shr Vehicle <u>50</u> @ <u>4.40</u> | <u>220.00</u> |

CHARGE TO: Vincent Oil Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2117.25

PLUG & FLOAT EQUIPMENT

| | |
|-----------------|---------------|
| <u>8 5/8</u> | |
| 1-Rubber Plug @ | <u>131.04</u> |
| 1-Asfale Plug @ | <u>131.04</u> |
| | |
| | |
| | |
| | |
| TOTAL | <u>262.08</u> |

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) 398.02

TOTAL CHARGES 89734.03

DISCOUNT 3608.99 IF PAID IN 30 DAYS

PRINTED NAME Mike Coffey

SIGNATURE Mike Coffey

Net \$ 6145.04

ALLIED OIL & GAS SERVICES, LLC KB 052633

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal ks.

| | | | | | | | |
|---------------------------|--------------------|---------------|--------------------------------------|------------|----------------------|-----------------------------|------------------------------|
| DATE <u>11-29-12</u> | SEC <u>27</u> | TWP <u>22</u> | RANGE <u>29</u> | CALLED OUT | ON LOCATION | JOB START <u>10:00am</u> | JOB FINISH <u>11:00am</u> |
| LEASE <u>STEIMEL</u> | WELL # <u>1-27</u> | | LOCATION <u>A.E. Garden City ks.</u> | | COUNTY <u>finney</u> | STATE <u>ks</u> | |
| OLD OR (NEW) (Circle one) | | | | | | | |

CONTRACTOR Duke #1

TYPE OF JOB PTA- Rotary plug

HOLE SIZE 7 7/8 T.D. 1900 feet

CASING SIZE 8 5/8 24# DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 16.6# DEPTH 1900 feet

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Vincent Oil Corp.

CEMENT AMOUNT ORDERED 290sk 60/40
7% Gel, 1/4 #/sk Flo Seal.

EQUIPMENT

PUMP TRUCK CEMENTER Ruben Chavez
531/541 HELPER Cesar Pavia 2

BULK TRUCK
470/528 DRIVER Angel Garcia 3

BULK TRUCK
DRIVER

| | | |
|------------------------------|----------------|-----------------|
| COMMON <u>290sk</u> | @ | |
| POZMIX | @ | |
| GEL | @ | |
| CHLORIDE | @ | |
| ASC | @ | |
| <u>Flo Seal 72lb</u> | @ <u>2.97</u> | <u>213.54</u> |
| <u>ALC 2A 290sk</u> | @ <u>15.95</u> | <u>462.50</u> |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| HANDLING <u>2.93 Cu ft</u> | @ <u>2.48</u> | <u>726.64</u> |
| MILEAGE <u>6.50.25 In Mi</u> | @ <u>2.60</u> | <u>1,690.65</u> |
| TOTAL | | <u>6,743.83</u> |

REMARKS:
Mix + pump 50sk at 1900', 80sk at 1130', 40sk at 660', 50sk at 420', 20sk at 60' and 50sk for rat hole + Mouse hole.

Thank you

SERVICE 7256.63

| | |
|---------------------------|-----------------------------|
| DEPTH OF JOB | <u>1,900 feet</u> |
| PUMP TRUCK CHARGE | <u>1,250.00</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE <u>heavy 50Mi</u> | @ <u>7.70</u> <u>385.00</u> |
| MANIFOLD | @ |
| <u>light Vehicle 50Mi</u> | @ <u>4.40</u> <u>920.00</u> |
| | @ |
| TOTAL <u>4,855.00</u> | |

CHARGE TO: Vincent Oil Corp.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | |
|-------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |

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You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Godfrey

SIGNATURE Mike Godfrey

| | |
|---|-------------------------------|
| TOTAL <u>6,743.83</u> | |
| SALES TAX (If Any) | <u>640.68</u> |
| TOTAL CHARGES | <u>8598.83</u> <u>9111.63</u> |
| DISCOUNT <u>(35)</u> | <u>3009.59</u> |
| IF PAID IN 30 DAYS | |
| <u>\$5,589.24 Net</u> <u>3188.96 Alex</u> | |
| <u>5922.87 Net</u> | |

OPERATOR

Company: VINCENT OIL CORP.
 Address: 155 N. MARKET, STE 700
 WICHITA, KS 67202

Contact Geologist: RICHARD JORDAN
 Contact Phone Nbr: 316-262-3573
 Well Name: STEIMEL 1-27
 Location: 830 FNL, 235 FWL, 27-T22S-R29W API: 15-055-22189-00-00
 Pool: DRY AND ABANDONED Field: WILDCAT
 State: KANSAS Country: FINNEY

Scale 1:240 Imperial

Well Name: STEIMEL 1-27
 Surface Location: 830 FNL, 235 FWL, 27-T22S-R29W
 Bottom Location:
 API: 15-055-22189-00-00
 License Number:
 Spud Date: 11/20/2012 Time: 1:15 PM
 Region: SW
 Drilling Completed: 11/28/2012 Time: 12:27 PM
 Surface Coordinates:
 Bottom Hole Coordinates:
 Ground Elevation: 2715.00ft
 K.B. Elevation: 2727.00ft
 Logged Interval: 2550.00ft To: 4920.00ft
 Total Depth: 4924.00ft
 Formation: MISSISSIPPIAN
 Drilling Fluid Type: CHEMICAL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -100.4988817 Latitude: 38.1151743
 N/S Co-ord:
 E/W Co-ord:

TOTAL DEPTH

| Measurement Type: | Measurement Depth: | TVD: |
|-------------------|--------------------|------|
| PIPE STRAP | 4924.00 | 0.00 |
| LOG | 4924.00 | 0.00 |

CONTRACTOR

Contractor: DUKE DRILLING
 Rig #: 1
 Rig Type: DOUBLE
 Spud Date: 11/20/2012 Time: 1:15 PM
 TD Date: 11/28/2012 Time: 12:27 PM
 Rig Release: 11/29/2012 Time: 12:00 AM

LOGGED BY

Company: LARRY P. FRIEND
 Address: 1639 BURNS ST.
 WICHITA, KS 67203-2757
 Phone Nbr: 316-265-2228
 Logged By: Geologist Name:

CASING SUMMARY

| | Surface | Intermediate | Main | | |
|-------------|----------|--------------|------|-------------|----------------|
| Bit Size | 12.25 in | | | | |
| Hole Size | 12.25 in | | | | |
| | Size | Set At | Type | # of Joints | Drilled Out At |
| Surf Casing | 8.625 in | 396 ft | | | |

Int Casing
Prod Casing

CASING SEQUENCE

| | | | |
|---------|-----------|-------------|-----------|
| Type | Hole Size | Casing Size | At |
| SURFACE | 12.25 in | 8.63 | 396.00 ft |

OPEN HOLE LOGS

Logging Company: NABORS
Logging Engineer: JEFF LUBBERS
Truck #:
Logging Date: 11/28/2012 Time Spent: 5
Logs Run: 4 # Logs Run Successful: 4

LOGS RUN

| Tool | Logged Interval | Logged Interval | Hours | Remarks | Run # |
|-----------|-----------------|-----------------|-------|---------|-------|
| CND W/ PE | 2500.00ft | 4924.00ft | 0.00 | | 1 |
| DI | 0.00ft | 4924.00ft | 0.00 | | 1 |
| SONIC | 0.00ft | 4924.00ft | 0.00 | | 2 |
| MICRO | 2500.00ft | 4924.00ft | 0.00 | | 2 |

LOGGING OPERATION SUMMARY

| Date | From | To | Description Of Operation |
|------------|-----------|--------|--------------------------|
| 11/23/2012 | 4924.00ft | 0.00ft | |













FORMATION DEPTHS

| FORMATION DEPTHS: | SAMPLE | LOG | COMPARED TO: |
|--------------------|--------------|--------------|---|
| | | | MACK OIL CO., #1 MAI NE-SW, SEC 14-22S-29W |
| CHASE | 2615 (+112) | 2620 (+107) | +2 |
| FT. RILEY | 2743 (-16) | 2747 (-20) | +1 |
| WREFORD | 2928 (-201) | 2936 (-209) | -6 |
| NEVA | 3124 (-397) | 3131 (-404) | -11 |
| STOTLER | 3457 (-730) | 3464 (-737) | -21 |
| TOPEKA | 3645 (-918) | 3652 (-925) | -20 |
| HEEBNER SHALE | 3939 (-1212) | 3947 (-1220) | -25 |
| LANSING | 4023 (-1296) | 4031 (-1304) | -26 |
| MUNCIE CREEK SHALE | 4169 (-1442) | 4175 (-1448) | -20 |
| STARK SHALE | 4289 (-1562) | 4298 (-1571) | -43 |
| BKC | 4425 (-1698) | 4433 (-1706) | -40 |
| MARMATON | 4449 (-1722) | 4456 (-1729) | -46 |
| PAWNEE | 4530 (-1803) | 4534 (-1807) | -44 |
| CHEROKEE | 4565 (-1838) | 4572 (-1845) | -46 |
| BASE PENN LIME | 4666 (-1939) | 4673 (-1946) | -57 |
| BASAL PENN SAND | 4672 (-1945) | 4680 (-1953) | -50 |
| MISSISSIPPIAN | 4684 (-1957) | 4692 (-1965) | -50 |
| SPERGEN | 4849 (-2122) | 4856 (-2129) | -138 |

NOTES

DUE TO THE LACK OF SHOWS AND A NEGATIVE LOG EVALUATION IT WAS DECIDED TO PLUG AND ABANDONED THIS WELL.
LARRY FRIEND

ROCK TYPES

| | | | |
|---|---|--|--|
|  Anhyprim |  Dolsec |  Ss |  Shcol |
|  Coal |  Lmst fw<7 |  Shgy |  Sltst |
|  Dolprim |  Lmst fw7> |  Shblck |  Ool grnst |

ACCESSORIES

MINERAL

— Argillaceous
⊥ Calcareous
▲ Chert, dark
↘ Dolomitic
P Pyrite

FOSSIL

◊ Oolites

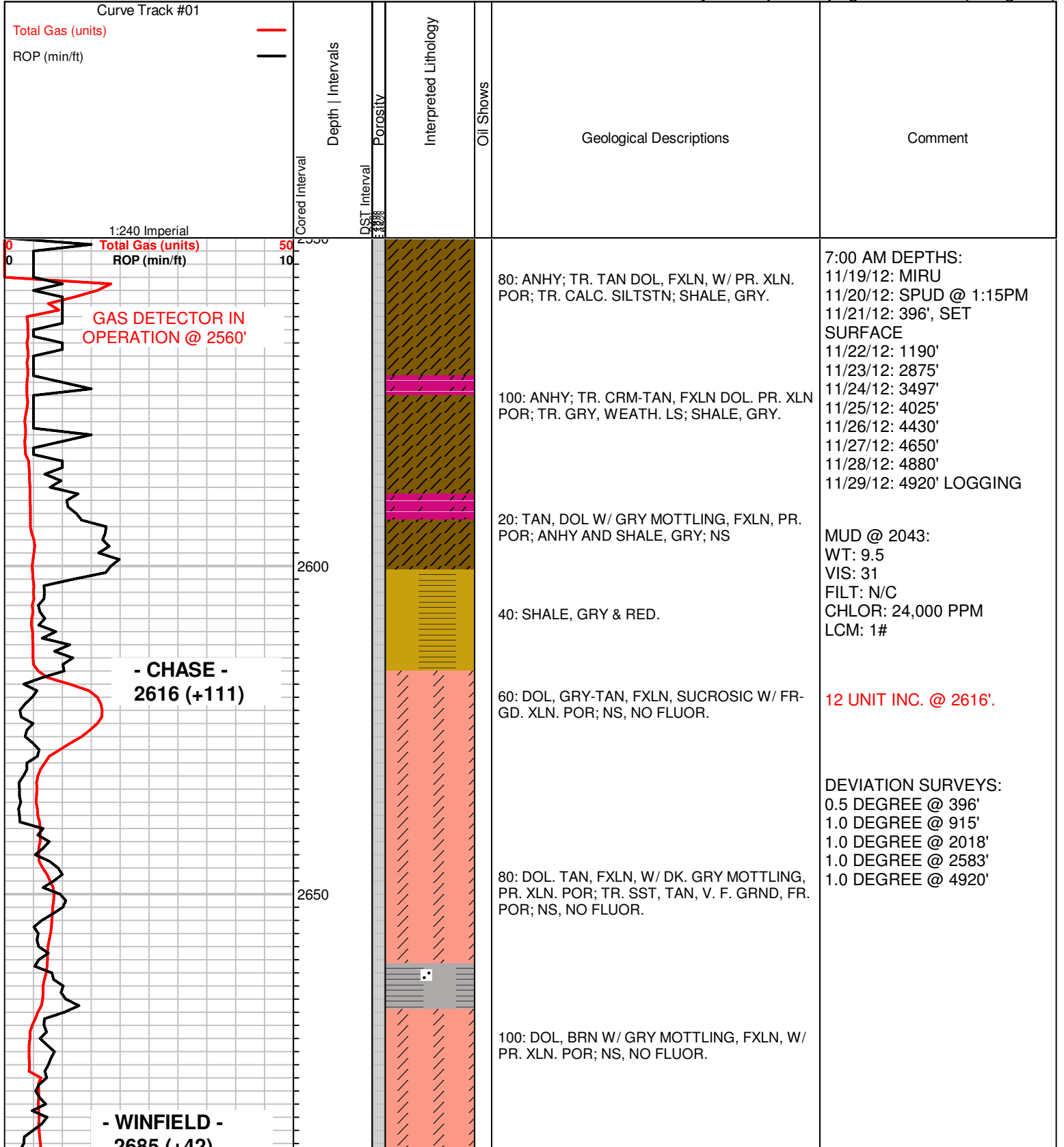
- Sandy
- ^ Siliceous
- Silty
- △ Chert White

OTHER SYMBOLS

OIL SHOWS

- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)



2065 (+42)

2700

**- FT. RILEY -
2743 (-16)**

Total Gas (units)
ROP (min/ft)

2750

2800

2850

2900

20: DOL. BRN W/ GRY MOTTILING, HD, SLI. SILICEOUS, PR. VIS.POR; SHALE, GRY; NS

40: DOL, BRN W/ GRY MOTTILING, PR-FR. XLN POR & TR. SCAT VUG. POR; SHALE, GRY; NS

60: DOL, BRN W/ GRY MOTTILING, PR-FR. XLN. POR; TR. SST, VF GRND W/ FR. POR; SHALE, GRY; NS, NO FLUOR.

80: DOL, TAN-BRN, MOST W/ GRY MOTTILING, PR-FR. XLN. POR, SOME SCAT. PR-FR. PPT - VUG. POR; NS

100: DOL. AS ABOVE; NS, NO FLUOR.

20: TR. CHERT, CRM; INC. SHALE, GRY & RED; AND DOL. AS ABOVE; NS

40: SHALE, RED, GRY, MAROON; DOL, BRN W/ GRY MOTTILING, HD, SLI. SILICEOUS, W/ PR. VIS. POR; TR. CHERT, CRM; NS

60: DOL, BRN, FXLN, SUCROSIC, SLI. SILICEOUS, W/ FR. XLN. POR; NS

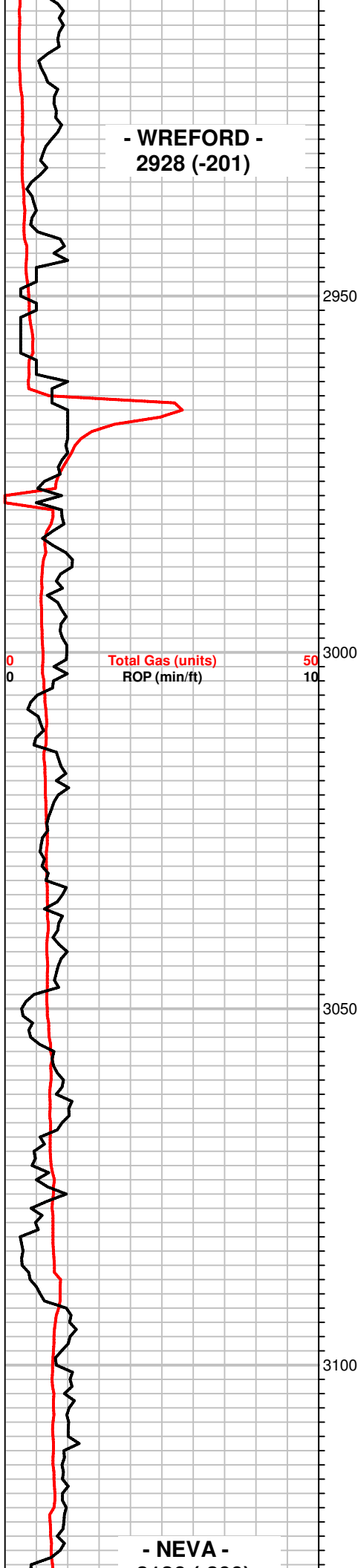
80: DOL, BRN, FXLN, HD, SILICEOUS W/ TR. VUG. POR; TR. CHERT; SHALE, GRY & RED; NS

100: DOL, BRN, FXLN, DSE AND MUCH SHALE, GRY & RED.

20: TR. DOL, CRM-TAN, FXLN, SLI. SILICEOUS PR. POR TO TR. SOFT; AND DOL, GRY-BRN, FXLN, HD, SLI. SILICEOUS; TR. CHERT, GRY; NS

*

**- WREFORD -
2928 (-201)**



Total Gas (units)
ROP (min/ft)

0 50
0 10

2950

3000

3050

3100

- NEVA -

40: DOL, TAN-BRN, SOME MOTTLED GRY, HD, SLI. SILICEOUS, PR. VIS. POR; TR. CHERT, GRY; SHALE, GRY, RED; NS

60: TR. CRM. LS, FXLN, FOSS. / FRAG, SLI. WEATH, SOFT; NS

80: LS, TAN, FXLN, SOFT, W/ FR-GD XLN. POR ?ABLE PERM; NS

100: DOL, TAN-BRN, FXLN, SOME MOTTLED GRY, PR-FR. XLN. POR; SHALE, GRY; NS

20: LS, TAN, FXLN W/ PR-GD. XLN. POR; SOME SHALE AND DOL. AS ABV; NS

40: LS, CRM-GRY, FXLN, SLI. SILICEOUS, TR. FOSS, PR. VIS. POR TO SOME SOFT, SLI. CHLKY; TR. CHERT, OPAQ; NS

60: LS, CRM-TAN, FXLN, SOME SLI. SILICEOUS HD TO SOME W/ GD. XLN. POR; TR. CHERT, CRM; NS

80: TR. DOL, TAN, FXLN, SUCROSIC W/ PR-FR. XLN. POR; LS. AS ABOVE; AND SHALE, GRY & RED; NS

100: LS, CRM-TAN, FXLN, SLI. FOSS. TO TR. V. OOLITIC, SLI. CHERTY, W/ PR-FR. XLN. POR; NS

20: TR. DOL, TAN, FXLN, SUCROSIC W/ PR-FR. XLN. POR; AND MUCH LS, CRM, FXLN, W/ PR-FR. XLN. POR; NS

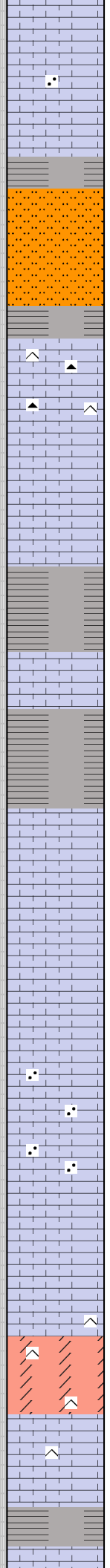
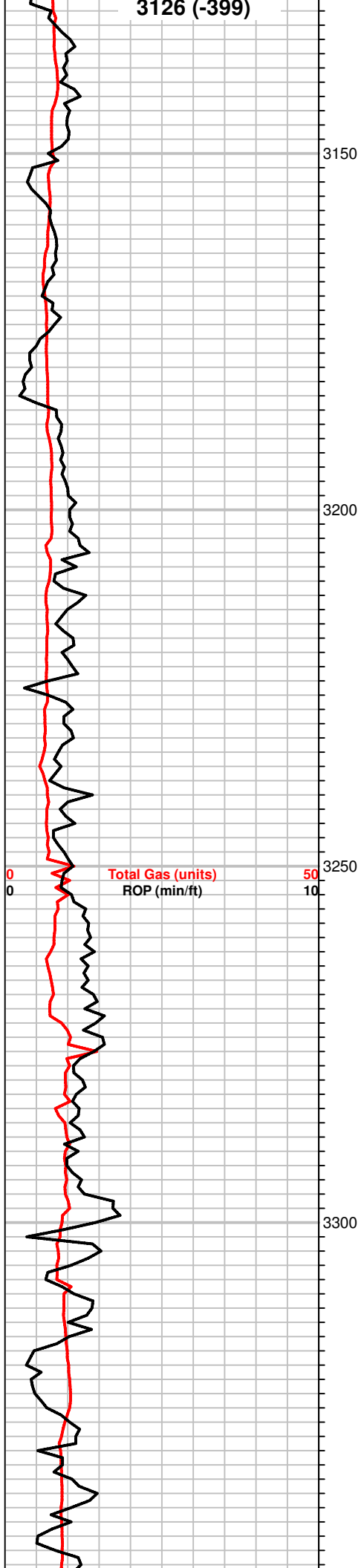
40: LS, CRM-BRN, FXLN, TR. V. OOLITIC, PR-FR. XLN. POR; SHALE, GRY & RED; NS

60: TR. LS. BRN. FXLN. SLI. FRAGMENTAL. W/

MUD @ 2920':
WT: 9.5
VIS: 31
FILT: N/C
CHLOR: 19,000 PPM
LCM: 4#

24 UNIT INC. @ 2964'.

3126 (-399)



PR- TR. FR. XLN. POR; TR. LS, BRN, VFXLN, DSE; TR. SST, V. TITE, SLI. GLAUC.; NS

80: TR. LS, BRN, VFXLN, DSE; MOSTLY LS, BRN, MOTTLED / FRAGMENTAL W/ PR-FR. XLN. POR; SOME GRY SHLY SILTSTN; NS

100: SHALE, GRY; AND GRY SHLY SILTSTN; TR. PYRITE.

20: BIG CHANGE: LS, DK. GRY - BLK, CHRTY TO SOME BLK CHERT; NS

40: SOME LS, GRY, FXLN, PR-FR. XLN. POR; TR. LS, BRN W/ GRY MOTTLING, SLI. FOSS, W/ PR. XLN. POR; STILL MUCH DK. GRY CHTY LS, AS ABOVE; NS

60: LS, GRY, FXLN, PR-FR. XLN. POR; SHALE, GRY; NS

80: LS, TAN W/ DK. GRY MOTTLING. / FOSS, FXLN W/ FR-GD XLN. POR; NS

100: LS, AS ABOVE AND SHALE, GRY; NS

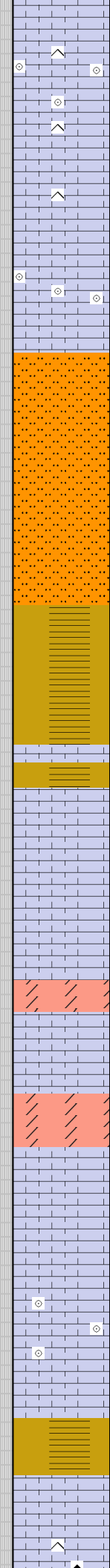
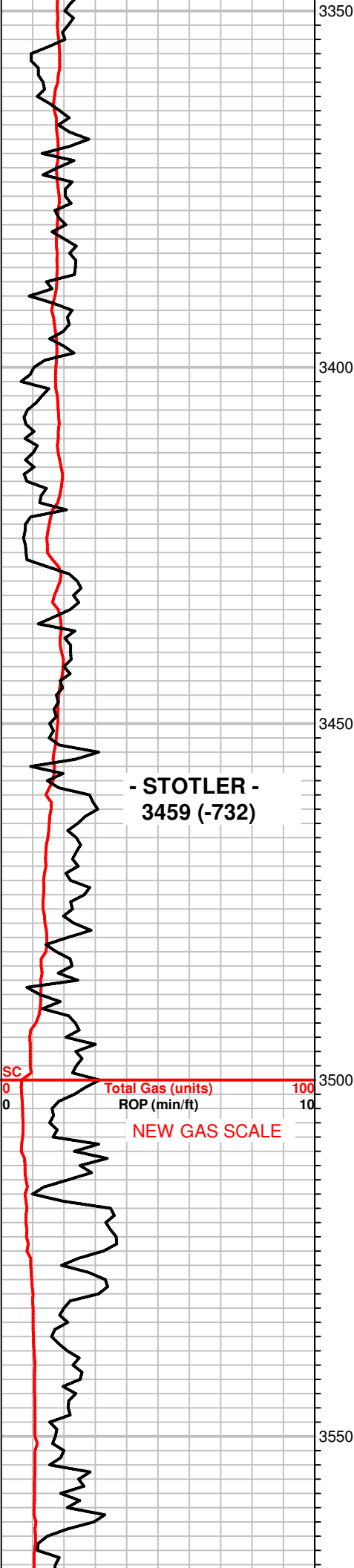
20: LS, BRN, VF-FXLN, MOSTLY DULL, EARTHY PR. POR; TR. LMY SILTSTN; NS

40: INC. LS, TAN, FXLN, SOME FOSS, SOME GRY MOTTLING, PR-FR. XLN. POR; AND DULL GRY EARTHY LS, AS ABV; NS

60: TR. LS, TAN, VFXLN, FOSS, HD, SILICEOUS NO VIS. POR; & DOL. BRN W/ GRY MOTTLING, FXLN, SOME SLI. SILICEOUS, PR - TR. FR. XLN. POR; LIT. MED MIN. FLUOR, NO CUT; NS

80: LS, CRM-BRN, V. FOSS. / OOLITIC, SLI. SILICEOUS, HD, TR. FR. INTER-FOSS. PPT. POR, SOME. LT. MIN. FLUOR, NO CUT; NS

GEO ON LOCATION AT 3152' WORK ON PUMP HEAD AT 3152'.



100: LS, TAN-BRN, FXLN, V. FOSS. / OOLITIC, SLI. SILICEOUS, HD, PR- TR. GD. XLN. POR, SOME LT. MIN. FLUOR, NO CUT; NS

20: LS, TAN-BRN, V. OOLITIC, PR. POR TO SOME WEATH, SLI. CHLKY W/ FR. WEATH POR; NS

40: LS, TAN-BRN, FXLN, OOLITIC W/ PR - TR. FR. XLN. POR; NS

60: INC. GRY, MICACEOUS SILTSTN, TITE TO TR. FRIABLE.

80: SHALE, GRY, RED, MAROON; LS, BRN W/ GRY MOTTLING, FXLN, PR. POR; NS

100: POOR SAMPLE - MIXED: SOME LS, BRN, FXLN, FOSS W/ PR. VIS. POR; NS

20: LS, BRN, FXLN, FOSS. / DK. GRY MOTTLING, PR. XLN. POR TO SOME WEATH. W/ FR. - TR. GD. XLN. POR; AND TR. DOL, BRN FXLN, PR - TR. FR. XLN. POR; NS

40: LS, BRN, FXLN, SLI. FOSS, PR. XLN. POR AND TR. DOL, BRN, FLXN, SLI. FOSS. W/ PR. XLN. POR; NS

60: LS, DK. GRY-BRN, VF-FXLN, PR. XLN. POR; AND SOME LS, BRN, OOL. / FOSS, W/ GRY MOTTLING, & PR. VIS. POR; SHALE, GRY; NS

70: LS, BRN, VF-FXLN, FOSS. W/ PR - TR. FR. XLN. POR; NS

80: LS, AS ABV. & SHALE, GRY & GRN, SOME LMY; NS

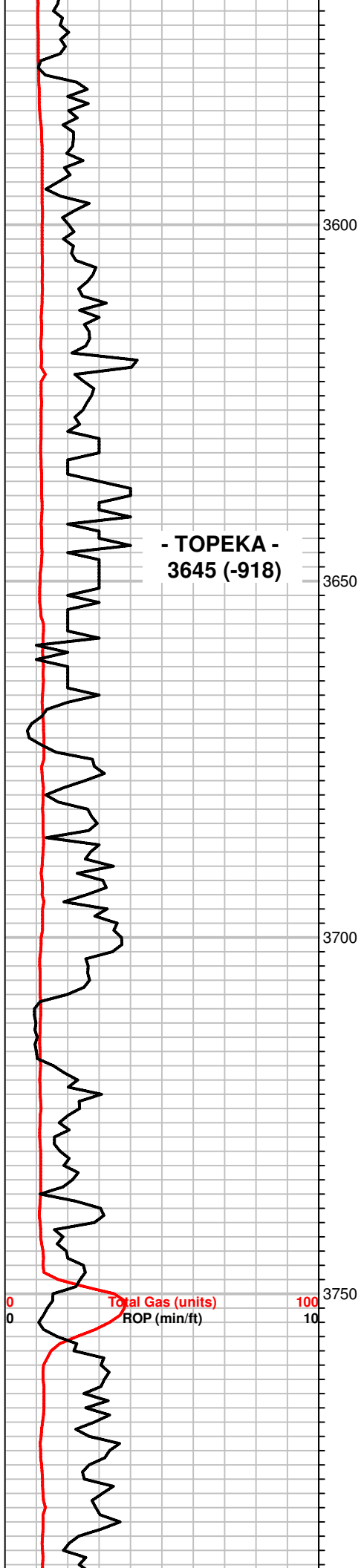
90: LS, BRN, FXLN, FOSS, SLI. WEATH., SLI.

START DISPLACING MUD AT 3497'.

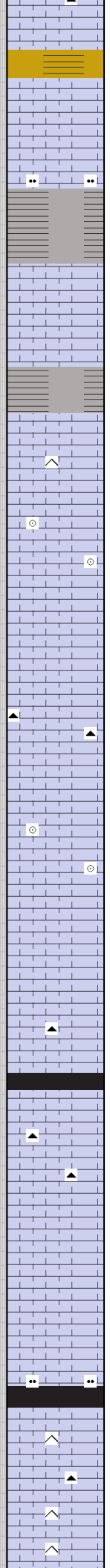
MUD @ 3530:
WT: 8.6
VIS: 53
FILT: 6.4
CHLOR: 1,700 PPM
LCM: 1#

START 10 FT. SAMPLES.

WORK ON PUMP AT 3561, APPROX. 2 HRS.



**- TOPEKA -
3645 (-918)**



SILICEOUS, HD, PR. VIS. POR; TR. CHERT, TAN; SHALE, GRY & GRN; NS

100: LS, BRN, FXLN, SLI. SUCROSIC W/ PR - FR. XLN. POR; NS

10: LS, DK. GRY - BRN, VFXLN, SOME FOSS, DSE; AND TR. TAN SILTY LS W/ PR. XLN. POR; NS

20: TR. LS, BRN, FXLN, SLI. SUCROSIC W/ PR - FR. XLN. POR; MOSTLY LS. AS ABV; SHALY, GRY & GRN; NS

30: MOSTLY LS, DK. GRY - BRN, VF-FXLN, DSE, SOME SLI. SHLY; SHALE, GRY; NS

40: LS, GRY-BRN, VFXLN, DSE, SOME FOSS, SOME SHLY; AND SHALE, GRY; NS

50 & 60: LS, TAN, VFXLN, SLI. SILICEOUS, HD, FOSS, NO VIS. POR; SOME SHALE, GRN & GRY; NS

70: LS, TAN-BRN, FXLN, SOME FOSS. / OOL, WEATH, W/ PR - GD. WEATH. POR, SOME SLI. CHLKY; NS

80: LS, AS ABV, DSE TO SOME WEATH, SLI. CHLKY W/ PR - GD. WEATH. POR; NS

90: LS, TAN-BRN, FXLN, FOSS, W/ TR. FR. FOSS. CAST. - VUG. POR; SOME CRM SLI. CHLKY W/ FR. XLN. POR; NS

100: TR. CHERT, GRY - BRN, SHP; LS, AS ABV; TR. BLK CARB. SHALE; NS

10: LS, TAN, FXLN, FOSS./ OOL./ CALCITIC, W/ PR-FR. XLN. POR; SOME GRY SHLY LS; NS

20: LS, TAN-BRN, FXLN, SLI. SUCROSIC, DSE TO TR. SLI. WEATH; NS

30 & 40: LS, TAN-BRN, FXLN, SLI. FOSS, W/ FR- GD. XLN. POR; TO SOME LS, DSE, W/ PR. XLN. POR; THIN BLK. SHALE; TR. CHT, GRY; NS

50: LS, TAN-BRN, FXLN, SLI. FOSS, SLI. CALCITIC, SOFT W/ SOME FR-GD. XLN. POR; TR. CHT, GRY; NS, NO FLUOR.

60: SM. AMT. CHERT, GRY, FOSS, SHP; LS, AS ABV. W/ PR- FR. XLN. POR; NS

70: LS, TAN-BRN, FXLN, SLI. FOSS, PR- GD. XLN. POR; NS

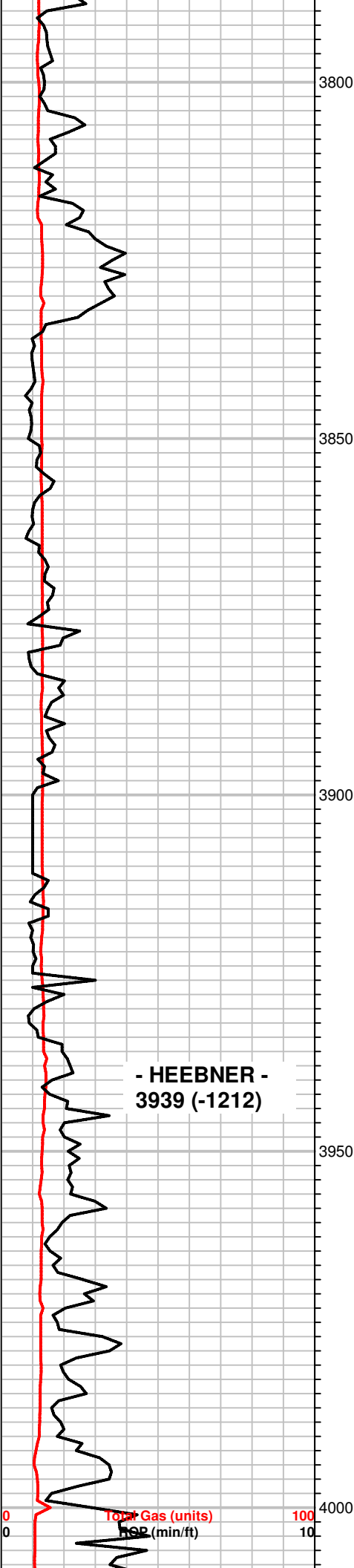
80: LS, BRN, VFXLN, SLI. FOSS, DSE; TR. BLK, CARB. SHALE; NS

90: TR. LT. GRY, LMY SILTSTN; LS, AS ABV; NS

100: BIG CHANGE: LS, TAN, VFXLN, TR. FOSS, SILICEOUS, NO VIS. POR; TR. CHERT, CRM; NS

10: CHERTY LS, AS ABV, NO VIS. POR; AND TR. LS, TAN, FXLN W/ PR. XLN. POR; NS

BUTANE LIGHTER TEST FOR 10 SECS IN HOSE AT EXTRACTOR : GOT 26 UNIT KICK.



**- HEEBNER -
3939 (-1212)**

20 & 30: LS, TAN, FXLN, SLI. FOSS. W/ PR. XLN. POR; AND SOME LS. CRM, SOFT, CHLKY; TR. CHT, CRM; NS

40: LS, TAN, VF-FXLN, SLI. FOSS, SOME SLI. SILICEOUS, PR. XLN. POR; NS

50, 60, 70: LS, TAN-BRN, VFXLN, SOME FOSS, TR. FRAGMENTAL, DSE TO PR. XLN. POR; SH. GRY& TR. PYRITIC, TITE SILTSTN; NS

80 & 90: CHERT, CRM-BRN, FOSS, SHP; TR. LS, BRN, FOSS. W/ GD. XLN. POR; NS

100: LS, BRN, FXLN, FOSS. W/ FR- GD. XLN. POR; NS, NO FLUOR.

10: LS, TAN-BRN, FXLN, FOSS. W/ FR- GD. XLN. POR; SOME CHERT, CRM-BRN, FOSS, SHARP; NS

20: LS, AS ABOVE; NS

30: LS, TAN-BRN, FXLN, SOME FOSS. W/ FR- GD. XLN. POR; TR. CHERT, CRM-BRN, FOSS, SHARP; NS

40: 1 PC. LS, TAN, FXLN, W/ GD. OOLIC. POR; AND LS, BRN, FXLN, SLI. FOSS. W/ FR-GD. XLN. POR; TR. CHERT, CRM, SHP; NS

50: LS, TAN-BRN, FXLN, SLI. FOSS. W/ PR- FR. - TR. GD. XLN. POR; NS

60 & 70: TR. BLK. SHALE, CARB.; ; LS, TAN-BRN, VF-FXLN, PR - GD. XLN. POR, SOME SLI. CHLKY; NS

80: TR. LS, TAN W/ GD. OOLIC. TO XLN. POR; TR. CHERT, GRY, SHARP; NS

90: LS, TAN-BRN, VFXLN, DSE; NS

100: LS, AS ABOVE AND SHALE, GRY, GRN; NS

10: SOME SHALE AS ABV; AND LS, TAN VFXLN, DSE TO SOME W/ FR. XLN. POR; NS

20 & 30: BIG CHANGE: LS, DK. GRY - BRN, VFXLN, SILICEOUS, HD, DSE TO SOME

- LANSING-
4023 (-1296)

MUNCIE CRK
4169 (-1442)

4050

4100

4150

4200

CHERT DK. BRN AND SHALE DK. GRY - BLK,
SOME CHTY; NS

40: AS ABOVE AND SHALE GRY, GRN.

50: TR. CHERT, TAN, V. OOLITIC / FOSS; R.
TR. LS, V. FOSS. & CALCITIC W/ FR. XLN.
POR; NS

60: LS, TAN-BRN, VF-FXLN, SLI. FOSS, SOME
CHERTY AS ABOVE; NS

70: TR. CRM, LS, V. OOLITIC / FOSS, W/ PR.
XLN. POR; NS

80: LS, CRM-TAN, SLI. FOSS. W/ SOME
CALCITE FILL, MOSTLY PR. XLN. POR; TR.
FOSS. CHERT; NS

90: MOSTLY LS, TAN-BRN, VF-FXLN, DSE;
AND TR. LS, TAN, FOSS, W/ FR. XLN. POR; NS

100: DOL, BRN, FXLN, SUCROSIC, CHRTY,
HD, TR. W/ PR- FR. XLN. POR; AND TR.
CHERT, CRM; NS

10: SOME CHTY DOL & CHT AS ABV; AND LS,
BRN, VFXLN, DSE; NS

20 & 30: SOME CHTY BRN DOL AS ABV, FXLN,
SUC, HD TO LS, BRN, SLI. DOLOMITIC, SLI.
CHTY, FXLN.; W/ PR- FR. XLN. POR; NS

40: LS, TAN-BRN, FXLN, SOME FOSS, W/ PR-
TR. FR. XLN. POR; NS

50: LS, TAN, FXLN, W/ FR- GD. XLN. POR; TR.
CHERT, CRM - LT. GRY, SHP; NS

60: LS, TAN, FXLN, SLI. SUC. W/ FR. XLN. POR
TO LS, BRN, VFXLN, DSE; TR. CHERT, GRY;
NS

70: LS, BRN, VFXLN, SLI. FOSS, DSE; SOME
CHERT, GRY; TR. DK. GRY, LMY SHALE; NS

80: LS, GRY-BRN, VF-FXLN, DSE; TR. SHALE,
BLK, CARBONACEOUS; NS

90: LS, BRN, VFXLN, SLI. FOSS, DSE; SOME
CHERT, GRY-BRN-CRM; AND TR. LS, BRN
OOL. / FRAGMENTAL W/ PR. XLN. POR; NS

100: LS, TAN, FXLN W/ TR. FR. XLN. POR,
SOME V. OOL./ FOSS, CHTY, HD; AND FR.
AMT. CHT, GRY-BLUE; SH, GRN, TR. BLK; NS

10 & 20: LS, TAN, VF-FXLN, DSE TO SOME
WEATH, SLI. CHLKY; CHERT, GRY-BRN, SHP;
NS

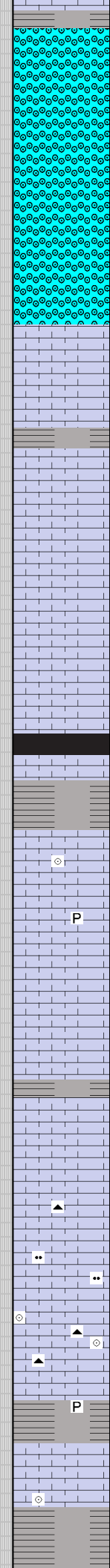
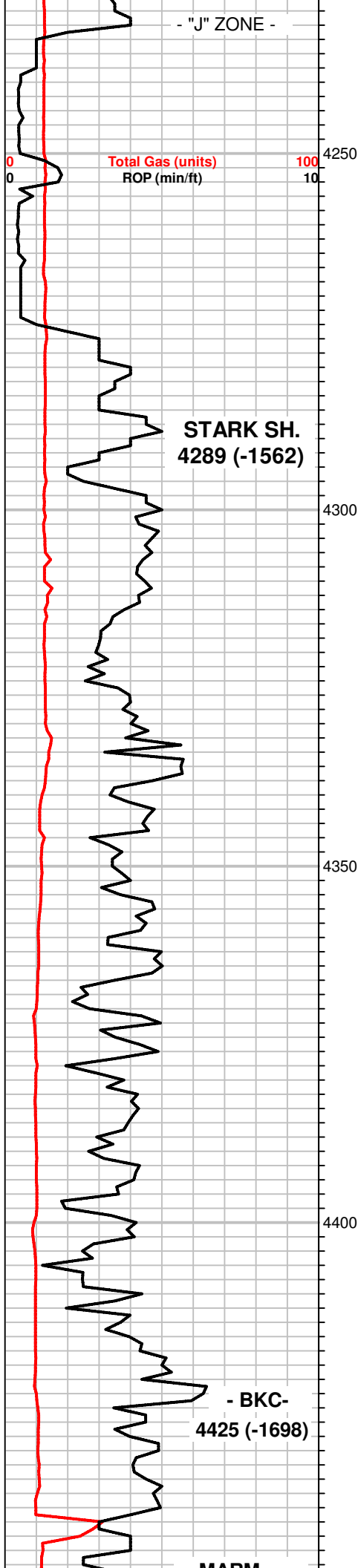
30: TR. SHALE, GRY, RED, BLK; TR. LS, TAN -
BRN, V. OOLITIC W/ PR. XLN. POR; NS

40: SM. AMT. LS, TAN, V. OOLITIC, PR- GD.
XLN. POR & TR. OOLIC. POR; NS

50: LS, AS ABV, V. OOL, SOME SLI. CHTY, HD
W/ PR- FR. XLN. POR; NS

60 & 70: LS, BRN, FXLN, OOLITIC, WEATH W/

MUD @ 4060:
WT: 8.9
VIS: 47
FILT: 7.2
CHLOR: 1,800 PPM
LCM: 3#



80 & 70: LS, BRN, FXLN, EXCELL. OOLIC. POR, MOST W/ SPTY MED. BRT. FLUOR (ON MATRIX AROUND OOMOLDS), NO CUT, NS, SOUR ODOR.

90: LS, AS ABV W/ EXCELL OOLIC. POR, SOME SPTY FLUOR - LESS THAN ABV, NO CUT, NS, SOUR ODOR.

100: LS, TAN-BRN, VF-FXLN, V. SLI. FOSS, PR. XLN. POR; NS

10 & 20: LS, GRY, VF-FXLN, SLI. CALCITIC, SLI. FOSS, DSE TO SOME SLI. WEATH, PR - TR. FR. XLN. POR; NS

30: LS, TAN-BRN, VF-FXLN, V. SLI. FOSS, SLI. CALCITIC, W/ PR. POR TO SOME WEATH., SLI. CHLKY; TR. SHALE, GRY, GRN, RED; TR. CHT, CRM, GRY, BRN; NS

40: TR. BLK SHALE AND LS, TAN, VF-FXLN, CALCITIC W/ MOSTLY PR. XLN. POR; NS

50: SHALE, GRY, GRN, BLK; AND LS, TAN-BRN, FOSS, SLI. CALCITIC W/ PR - FR. XLN. POR; NS

60: LS, CRM, FXLN, SLI. CHLKY, SLI. OOL. / FOSS, FR. XLN. POR; TR. BLK SHALE; NS

70: LS, CRM-BRN, FN-MXLN, FOSS, MOTTLED GRY, SLI. PYRITIC, PR. POR; SHALE, GRY, GRN; NS

80: LS, BRN VFXLN, SLI. FOSS, DSE TO WEATH, SLI. CHLKY, SLI. CALCITIC W/ PR - FR. XLN. POR; SHALE, GRY, GRN; NS

90: LS, AS ABV; NS

100: MOSTLY LS, CRM, WEATH, SLI. CHLKY, FR. XLN. POR; NS

10: MOSTLY LS, GRY-BRN, VFXLN, DSE; TR. CHERT, TAN-GRY, SHP; NS

20: LS, AS ABV. TO LS, SLI. FOSS, WEATH, SLI. CHLKY W/ FR. XLN. POR; TR. GRY, SHLY, GLAUC. SILTSTN; NS

30: TR. LS, TAN, FXLN, V. OOL. / FOSS, W/ FR. XLN. POR; AND SOME SMOKY BRN. CHERT; NS

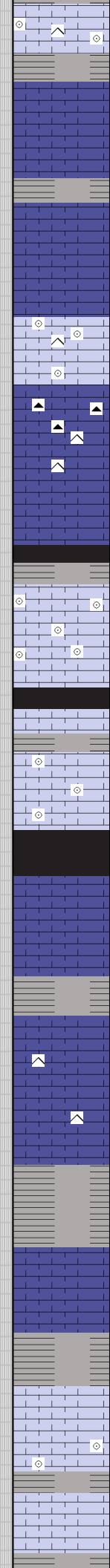
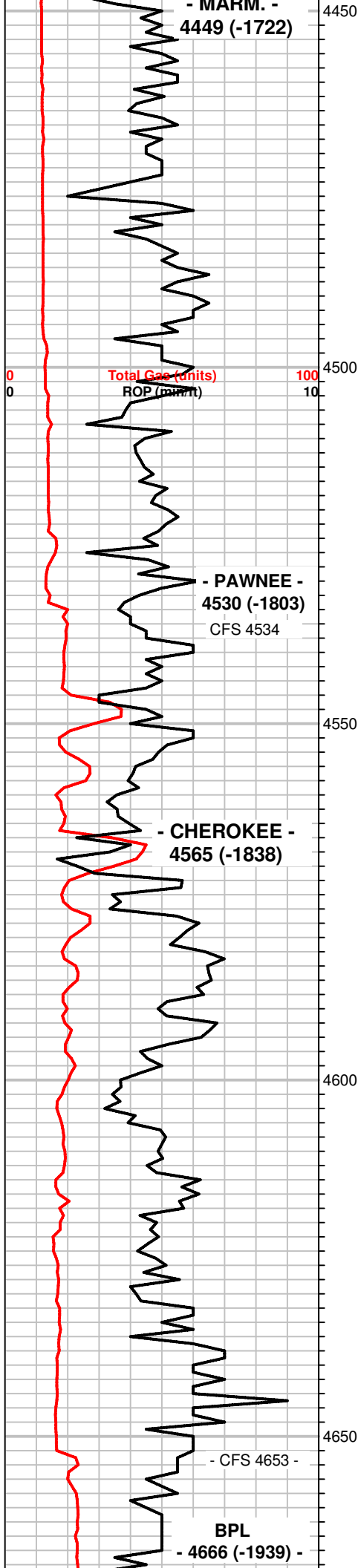
40: TR. SHLY, PYRITIC CONG., W/ FOSS. FRAGS; NS

50: SHALE, GRY; AND TR. LS, DK. BRN, VFXLN, FOSS, DSE; NS

60: TR. LS, BRN, V. FOSS. / OOL., W/ NO VIS. POR; SHALE, GRY; NS

NABORS LOG ANALYST DETERMINED THIS ZONE TO BE WET.

BUTANE LIGHTER TEST @ EXTRACTOR



70: TR. LS, TAN, SLI. CHTY, HD, V. OOLITIC, NO VIS. POR; SHALE, GRY & GRN; NS

80: GRY, SHLY/ LMY SILTSTN; GRY, VIOLET & GRN SHY. LS TO SHALE.

90: SHALE, GRY & GRN; LS, BRN, VFXLN, SLI. FOSS, DSE; NS

100: LS, BRN, VFXLN, SLI. CALCITIC, DSE; AND SHALE, GRY & GRN; TR. LMY SILTSTN; NS

10 & 20: SHALE, GRY & GRN; LS, CRM-TAN, VF-FXLN, V. OOL./ FOSS, CHTY, HD TO MOSTLY SLI. CHLKY W/ FR. XLN. POR; NS

30: LS, BRN, VFXLN, V. SLI. SILTY, CHTY, DSE; AND BRN, SHP CHERT; NS

34: CIRC. TR. BLK, CARB. SHALE; LS, BRN, VFXLN, SLI. FOSS, DSE; AND TR. LS, GRY FXLN, SOME SLI. SHLY, PR. POR; NS

50: LS, TAN, FXLN, V. FOSS./ OOL., SOME WEATH., SLI. CHLKY W/ FR. XLN. POR; NS

60: SHALE, BLK AND LS, BRN, VFXLN, SLI. FOSS, DSE TO MUCH WEATH, SLI. CHLKY; NS

70: LS, TAN-BRN, FXLN, V. OOL./ FOSS, SLI. WEATH. W/ PR- FR. XLN. POR; NS

80: SHALE, BLK; LS, AS ABV, OOL./ FOSS, SOME HD, SLI. CHTY; NS

90: LS, DK. BRN, VFXLN, SOME SLI. SHLY & LS, AS ABV; NS

100: LS, BRN, VFXLN, DSE AND SHALE, GRY; NS

10: LS, BRN, VFXLN, CHTY, HD, DSE AND SHALE GRY & GRN; NS

20: LS, BRN, VFXLN, DSE TO MUCH WEATH. CRM, SLI. CHLKY; TR. BRN, SHLY LS; NS

30: SHALE, GRY-BLK, T. LS, DK. GRY- BRN, SLI. FOSS, DSE.

40: LS, BRN, VFXLN, DSE; NS

50 & 53: SHALE, GRY AND LS AS ABOVE; NS

53: CIRC: LS, BRN, VFXLN, SLI. FOSS, DSE TO TR. SI. WEATHERED; NS

65: LS, TAN, FXLN, OOL./ FOSS, WEATH., SLI. CHLKY, FR. XLN. POR; & LS, AS ABV; NS

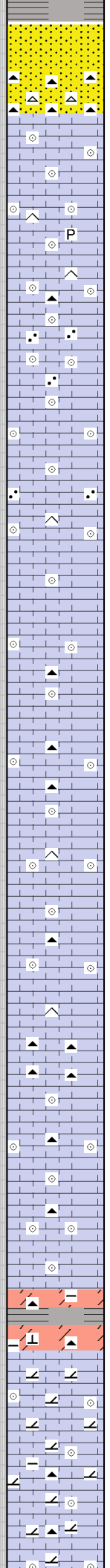
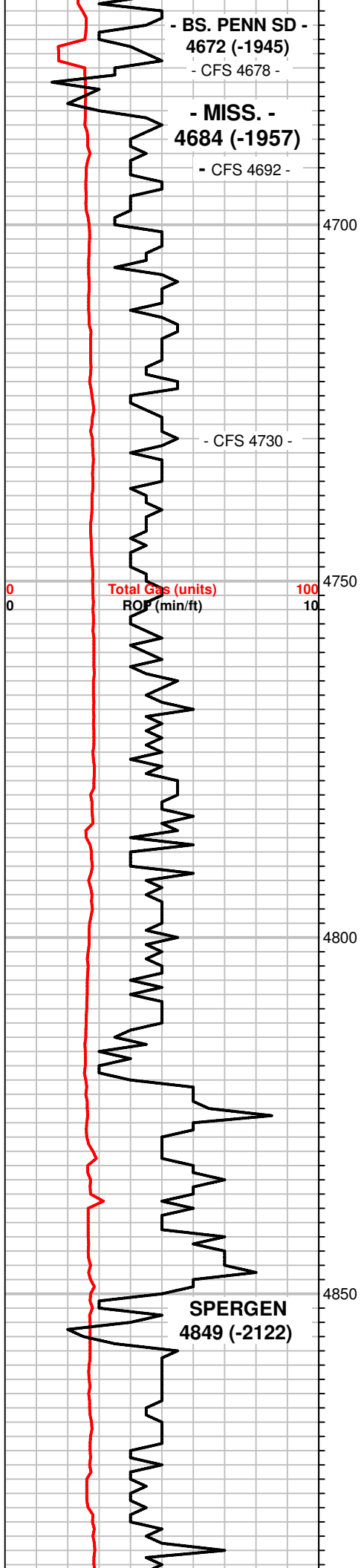
70 & 75: TR LS, SLI. WEATH, FRAGMENTAL, DSE TO SLI. CHLKY, PR- FR. XLN. POR; NS

MUD @ 4459:
WT: 9.1
VIS: 48
FILT: 7.2
CHLOR: 1,600 PPM
LCM: 3#

3 UNIT GAS INC.
RAN SHORT TRIP @ 4534'
TITE, PULLED 30 STANDS
SLI. BACKGROUND INC.
AFTER SHORT TRIP @ 4534'.
19 UNIT GAS KICK

25 UNIT GAS KICK

SLI. BACKGROUND INC.
AFTER CFS @ 4653



78: CIRC: SST, CLR VF- TR. FN, SBANG-SBRD GRNS IN CRM NON-CALC. MATRIX, FRIAB. TO TR. TITE, NO PERM; NS, NO FLUOR.

90: MOSTLY CHERT, CRM, ORG, TAN, SHP; & TR. SST. CLR, VF GRND IN CRM NON-CALC & CALC. CEMENT, FR. POR, NO PERM; NS

92: CIRC: LS, BRN, VF- MXLN, TR. W/ GHOSTS OF FOSS/ OOL, PR. VIS. POR; NS

10: LS, TAN-BRN, VFXLN, V. OOLITIC-GHOSTS (RE-XTALIZED), SOME SILICEOUS, HD, TR. SLI. CALCITIC, PR. XLN. POR; TR. PYRITE: NS

20: LS, AS ABV, TR. CALCITE FILL, SOME WEATH. CRM W/ PR- FR. XLN. POR; TR. CHT, BRN; NS

30: LS, CRM-BRN, FXLN, MICRO-OOLITIC./ ARENACEOUS, WEATH, SLI. CHLKY, PR- FR. XLN. POR; NS

30: CIRC: LS, BRN, VF-MXLN, OOLITE GHOSTS (RE-XTAL) SOME WEATH. W/ PR- TR. FR. XLN. POR; NS

40 & 50:LS, BRN, OOLITIC, SLI. ARENACEOUS, TR. SLI. WEATH, PR - TR. FR. XLN. POR; NS

60: LS, BRN, VF-FXLN, W/MICRO-OOL GHOSTS (RE-XTAL), SLI. AREN., DSE - TR. PR- FR. XLN. POR; NS

70 & 80: LS, BRN, VFXLN W/ OOLITE GHOSTS (RE-XTAL), SLI. AREN, DSE TO SLI. WEATH, SLI. CHLKY W/ PR- TR. FR. XLN. POR; TR. CHT; NS

90: INC. CHERT, GRY, "BLUE", SHP & LS. AS ABV; NS

100: LS, BRN, VFXLN W/ OOLITE GHOSTS (RE- XTAL), DSE, NS

10 & 20: LS, BRN, VFXLN, MICRO-OOL. GHOSTS (RE -XTAL), DSE TO TR. WEATH, SLI. CHLKY, SOME LS IS SILICIFIED TO CHERT, CAN SEE MICRO-OOL GHOSTS IN CHT HERE; NS

30: INC, CHERT, GRY - "BLUE", SHP AND LS, AS ABV, SOME CHTY; DSE TO PR. XLN. POR; NS

40: LS, TAN-BRN, VF-CXLN, SOME V. OOL./ FOSS, DSE- PR. XLN. POR & CHT, AS ABV; NS

50: LS, AS ABV, SOME WEATH, SLI. CHLKY; PR- GD. XLN. POR; SM. AMT. CHT, GRY- BLUE NS

60 & 70: SHALE, GRY & GRN; TR. DOL, BRN, FXLN, PR. VIS. POR; TR. GRY, MOTTLED CHT; NS

80: TR. DOL. LS, FXLN, FOSS., & DK. GRY MOTTLING, PR. XLN. POR; LS, TAN-BRN, V. OOL./ FOSS (MOSTLY RE-XTAL), DSE TO TR. WEATH, SLI. CHLKY W/ PR. XLN. POR; NS

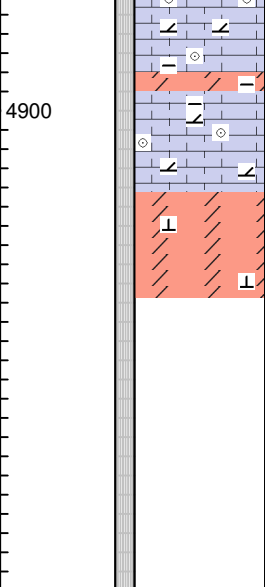
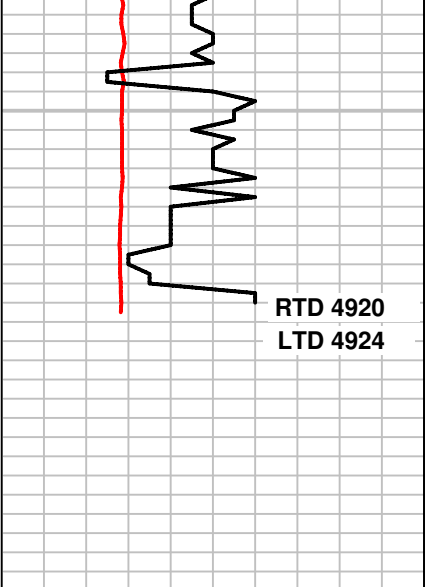
90: SM. AMT. DOL. LS AS ABV; SHALE, GRY & GRN,;LS, AS ABV; SM. AMT. CHT, GRY W/ GHOSTS OF OOLITES & FOSS. FRAGS; NS

100: DOL. LS, BRN, CSELY FOSS, W/ PR- FR. XLN. POR; SHALE, GRY & GRN; SM. AMT. CHT GRY - BLUE, SHP; NS

LOG ANALYST DETERMINED THIS SAND TO HAVE TOO MUCH CLAY TO BE PRODUCTIVE.

MUD @ 4677:
 WT: 9.35
 VIS: 48
 FILT: 7.2
 CHLOR: 3,000
 LCM: 2#

MUD @4920:



10 & 20: DOL TO DOL. LS, BRN, W/ GRY
 MOTTILING, PR. XLN. POR; LS, BRN, CSELY
 OOL./ FOSS, TR. DK. GRY MATRIX, PR- FR.
 XLN. POR; SHALE, GRY & GRN; NS

20: CIRC: DOL, SLI. LMY, TAN-BRN, W/ SOME
 GRY MOTTILING, HD TO SOFT, PR- GD. XLN.
 POR; NS

WT: 9.35
 VIS: 63
 FILT: 7.2
 CHLOR: 1,750 PPM
 LCM: 2#

AT TD, CIRC 30", THEN RAN
 10 STAND SHORT TRIP,
 THEN CIRC. HOLE CLEAN
 BEFORE COMING OUT FOR
 LOG.

**PIPE STRAP AT RTD WAS
 4.16' LONG TO BOARD.**

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 20, 2013

M.L. Korphage
Vincent Oil Corporation
155 N MARKET STE 700
WICHITA, KS 67202-1821

Re: ACO1
API 15-055-22189-00-00
Steimel 1-27
NW/4 Sec.27-22S-29W
Finney County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
M.L. Korphage