

Scale 1:240 Imperial

Well Name: LEIKER #1  
Surface Location: SE SE SW Sec. 14 - 15S - 17W  
Bottom Location:  
API: 15-051-26972  
License Number: 33813  
Spud Date: 9/13/2019 Time: 12:00 PM  
Region: ELLIS COUNTY  
Drilling Completed: 9/17/2019 Time: 4:20 PM  
Surface Coordinates: 330' FSL & 2310' FWL  
Bottom Hole Coordinates:  
Ground Elevation: 1965.00ft  
K.B. Elevation: 1975.00ft  
Logged Interval: 2800.00ft To: 3910.00ft  
Total Depth: 3610.00ft  
Formation: LANSING-KANSAS CITY; ARBUCKLE  
Drilling Fluid Type: FRESH WATER / CHEMICAL GEL

#### OPERATOR

Company: JASON OIL COMPANY, LLC  
Address: 3718 183rd RD  
P.O. BOX 701  
RUSSELL, KS 67665  
Contact Geologist: SHELDON BENNETT  
Contact Phone Nbr: (785) 483-4204  
Well Name: LEIKER #1  
Location: SE SE SW Sec. 14 - 15S - 17W  
API: 15-051-26972  
Pool:  
State: KANSAS Field: N/A  
Country: USA

#### SURFACE CO-ORDINATES

Well Type: Vertical  
Longitude: -99.181605  
Latitude: 38.747523  
N/S Co-ord: 330' FSL  
E/W Co-ord: 2310' FWL

#### LOGGED BY



Company: BIG CREEK CONSULTING, INC.  
Address: 1909 MAPLE  
ELLIS, KS 67637  
Phone Nbr: (785) 259-3737  
Logged By: GEOLOGIST Name: JEFF LAWLER

#### CONTRACTOR

Contractor: SOUTHWIND DRILLING LLC  
Rig #: 8  
Rig Type: MUD ROTARY  
Spud Date: 9/13/2019 Time: 12:00 PM  
TD Date: 9/17/2019 Time: 4:20 PM  
Rig Release: 9/18/2019 Time: 8:15 AM

## ELEVATIONS

K.B. Elevation: 1975.00ft  
K.B. to Ground: 10.00ft

Ground Elevation: 1965.00ft

## NOTES

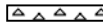
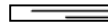
DUE TO LACK OF RESERVOIR DEVELOPEMENT NO DST'S WERE TAKEN. AFTER LOG ANALYSIS, DECISION WAS MADE TO PLUG & ABANDON THE LEIKER #1.

RESPECTFULLY SUBMITTED,  
JEFF LAWLER

## WELL COMPARISON SHEET

| FORMATION     | LEIKER #1         |       |       |       |             |       |       |       | HOFFMAN #1        |       |       |       |            |       |       |       | K LEIKER #3       |       |       |       |       |       |       |       | TIEDMANN #3       |       |       |       |       |       |       |       |       |  |  |  |
|---------------|-------------------|-------|-------|-------|-------------|-------|-------|-------|-------------------|-------|-------|-------|------------|-------|-------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
|               | LEIKER #1         |       |       |       |             |       |       |       | HOFFMAN #1        |       |       |       |            |       |       |       | K LEIKER #3       |       |       |       |       |       |       |       | TIEDMANN #3       |       |       |       |       |       |       |       |       |  |  |  |
|               | NW NW NW 23-15-17 |       |       |       |             |       |       |       | NW NW NE 23-15-17 |       |       |       |            |       |       |       | NE NE NW 23-15-17 |       |       |       |       |       |       |       | SE NW SW 23-15-17 |       |       |       |       |       |       |       |       |  |  |  |
|               | 1975              |       | 1965  |       | 1964        |       |       |       | 1962              |       |       |       | 1973       |       |       |       | 1956              |       |       |       |       |       |       |       |                   |       |       |       |       |       |       |       |       |  |  |  |
|               | LOG TOPS          |       |       |       | SAMPLE TOPS |       |       |       | LOGS              |       |       |       | COMP. CARD |       |       |       | LOG               |       |       |       | SMPL. |       |       |       | COMP. CARD        |       |       |       | LOG   |       |       |       | SMPL. |  |  |  |
|               | DEPTH             | DATUM | DEPTH | DATUM | DEPTH       | DATUM | CORR. | CORR. | DEPTH             | DATUM | CORR. | CORR. | DEPTH      | DATUM | CORR. | CORR. | DEPTH             | DATUM | CORR. | CORR. | DEPTH | DATUM | CORR. | CORR. | DEPTH             | DATUM | CORR. | CORR. | DEPTH | DATUM | CORR. | CORR. |       |  |  |  |
| ANHYDRITE TOP |                   |       | 1107  | 868   | 1098        | 866   |       |       | 1091              | 871   |       |       | 1102       | 871   |       |       | 1098              | 858   |       |       | 1131  | 825   |       |       | 1098              | 858   |       |       | 1131  | 825   |       |       |       |  |  |  |
| BASE          | 1144              | 831   | 1144  | 831   | 1132        | 832   | - 1   | - 1   | 1133              | 829   | + 2   | + 2   | 1136       | 837   | - 6   | - 6   | 1131              | 825   | + 6   | + 6   | 1131  | 825   | + 6   | + 6   | 1131              | 825   | + 6   | + 6   | 1131  | 825   | + 6   | + 6   |       |  |  |  |
| TOPEKA        | 2992              | -1017 | 2997  | -1022 | 2987        | -1023 | + 6   | + 1   | 2980              | -1018 | + 1   | - 4   | 2986       | -1013 | - 4   | - 9   | 2968              | -1012 | - 5   | - 10  | 2968  | -1012 | - 5   | - 10  | 2968              | -1012 | - 5   | - 10  | 2968  | -1012 | - 5   | - 10  |       |  |  |  |
| HEEBNER       | 3220              | -1245 | 3224  | -1249 | 3212        | -1248 | + 3   | - 1   | 3203              | -1241 | - 4   | - 8   | 3216       | -1243 | - 2   | - 6   | 3196              | -1240 | - 5   | - 9   | 3196  | -1240 | - 5   | - 9   | 3196              | -1240 | - 5   | - 9   | 3196  | -1240 | - 5   | - 9   |       |  |  |  |
| TORONTO       | 3241              | -1266 | 3244  | -1269 | 3232        | -1268 | + 2   | - 1   | 3223              | -1261 | - 5   | - 8   | 3236       | -1263 | - 3   | - 6   |                   |       |       |       |       |       |       |       |                   |       |       |       |       |       |       |       |       |  |  |  |
| DOUGLE SHALE  |                   |       |       |       |             |       |       |       |                   |       |       |       |            |       |       |       |                   |       |       |       |       |       |       |       |                   |       |       |       |       |       |       |       |       |  |  |  |
| LKC           | 3270              | -1295 | 3272  | -1297 | 3261        | -1297 | + 2   | + 0   | 3251              | -1289 | - 6   | - 8   | 3264       | -1291 | - 4   | - 6   | 3244              | -1288 | - 7   | - 9   | 3244  | -1288 | - 7   | - 9   | 3244              | -1288 | - 7   | - 9   | 3244  | -1288 | - 7   | - 9   |       |  |  |  |
| BKC           | 3494              | -1519 | 3496  | -1521 | 3489        | -1525 | + 6   | + 4   | 3481              | -1519 | + 0   | - 2   | 3491       | -1518 | - 1   | - 3   | 3474              | -1518 | - 1   | - 3   | 3474  | -1518 | - 1   | - 3   | 3474              | -1518 | - 1   | - 3   | 3474  | -1518 | - 1   | - 3   |       |  |  |  |
| ARBUCKLE      |                   |       | 3590  | -1615 | 3543        | -1579 |       | - 36  | 3552              | -1590 |       | - 25  | 3546       | -1573 |       | - 42  | 3551              | -1595 |       | - 20  | 3551  | -1595 |       | - 20  | 3551              | -1595 |       | - 20  | 3551  | -1595 |       | - 20  |       |  |  |  |
| RTD           |                   |       | 3610  | -1635 | 3625        | -1661 |       | + 26  | 3600              | -1638 |       | + 3   | 3630       | -1657 |       | + 22  | 3558              | -1602 |       | - 33  | 3558  | -1602 |       | - 33  | 3558              | -1602 |       | - 33  | 3558  | -1602 |       | - 33  |       |  |  |  |
| LTD           | 3609              | -1634 |       |       | 3625        | -1661 | + 27  |       | 3608              | -1646 | + 12  |       | 3631       | -1658 | + 24  |       | 3556              | -1600 | - 34  |       | 3556  | -1600 | - 34  |       | 3556              | -1600 | - 34  |       | 3556  | -1600 | - 34  |       |       |  |  |  |

## ROCK TYPES

|                                                                                              |                                                                                                |                                                                                                |                                                                                                |
|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|  Cht       |  shale, grn |  Shblk      |  Arg/Shale |
|  Dolprim   |  shale, gry |  shale, red |  Lscongl   |
|  Lmst fw7> |  Carbon Sh  |  Shcol      |                                                                                                |

## ACCESSORIES

### MINERAL

• Sandy

### FOSSIL

◊ Oolite

## OTHER SYMBOLS

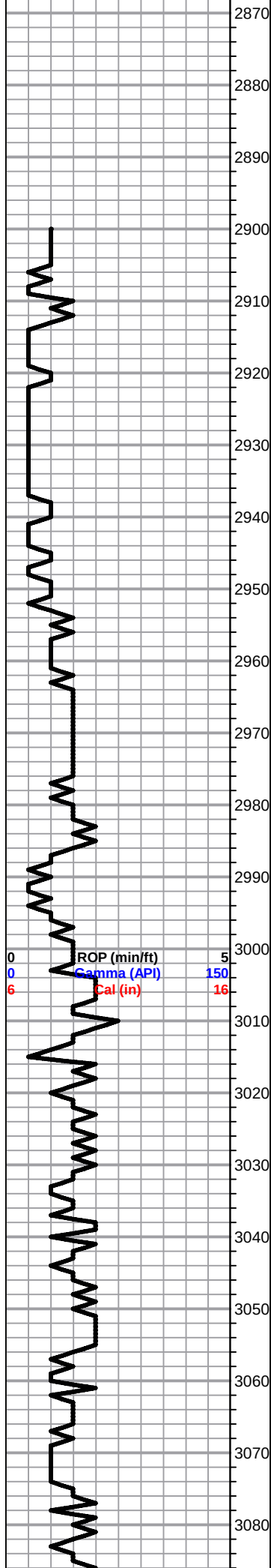
### DST

■ DST Int  
■ DST alt

Printed by GEOstrip VC Striplog version 4.0.8.15 ([www.grsi.ca](http://www.grsi.ca))

| Curve Track #1                                                                                                                                                   |             |          |      | Depth   Intervals | DST | Lithology | Oil Show | Geological Descriptions | Curve Track #3 |             |          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|------|-------------------|-----|-----------|----------|-------------------------|----------------|-------------|----------|--|
| ROP (min/ft)                                                                                                                                                     | Gamma (API) | Cal (in) |      |                   |     |           |          |                         | ROP (min/ft)   | Gamma (API) | Cal (in) |  |
| 0                                                                                                                                                                | 150         | 16       | 2860 |                   |     |           |          |                         | 0              | 150         | 16       |  |
| 6                                                                                                                                                                |             |          |      |                   |     |           |          |                         | 6              |             |          |  |
| 1:240 Imperial                                                                                                                                                   |             |          |      |                   |     |           |          |                         | 1:240 Imperial |             |          |  |
| <p><b>1' DRILL TIME THROUGH ANHYDRITE FROM 1090' - 1160'</b></p> <p><b>10' DRILL TIME FROM 2900' - RTD</b></p> <p><b>1' WET/DRY SAMPLES FROM 2950' - RTD</b></p> |             |          |      |                   |     |           |          |                         |                |             |          |  |
| GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 2000' - RTD                                                                                                           |             |          |      |                   |     |           |          |                         |                |             |          |  |

8 5/8" SURFACE PIPE SET @ 1121' SURVEY 1 1/2 deg.

**ANHYDRITE TOP 1107' (+868)**  
**ANHYDRITE BASE 1144' (+831)**

Sh- Gray, abundant argillaceous clumps/wash, soft slivers

Sh- Gray Mustard Green, gummy wash/clumps, dense &amp; gritty, silty &amp; calcareous

A/A

Lm- Cream Tan, FXLN, dense, well cemented, sl fsl, tight w/ dense XLN porosity, barren

Lm- Buff Cream, FXLN, dense, tight w/ rare to sctrd XLN porosity, some sl fsl, barren

Lm- Cream Off White, VFXLN, dense &amp; tight w/ poor vis. porosity, barren

Sh- Gray White, argillaceous clumps/wash, gummy white chalk

**TOPEKA 2297' (-1022) E-LOG 2992' (-1017)** Lm- Cream Off White, FXLN, dense, vry fn ppt porosity, sl fsl, barren & clean

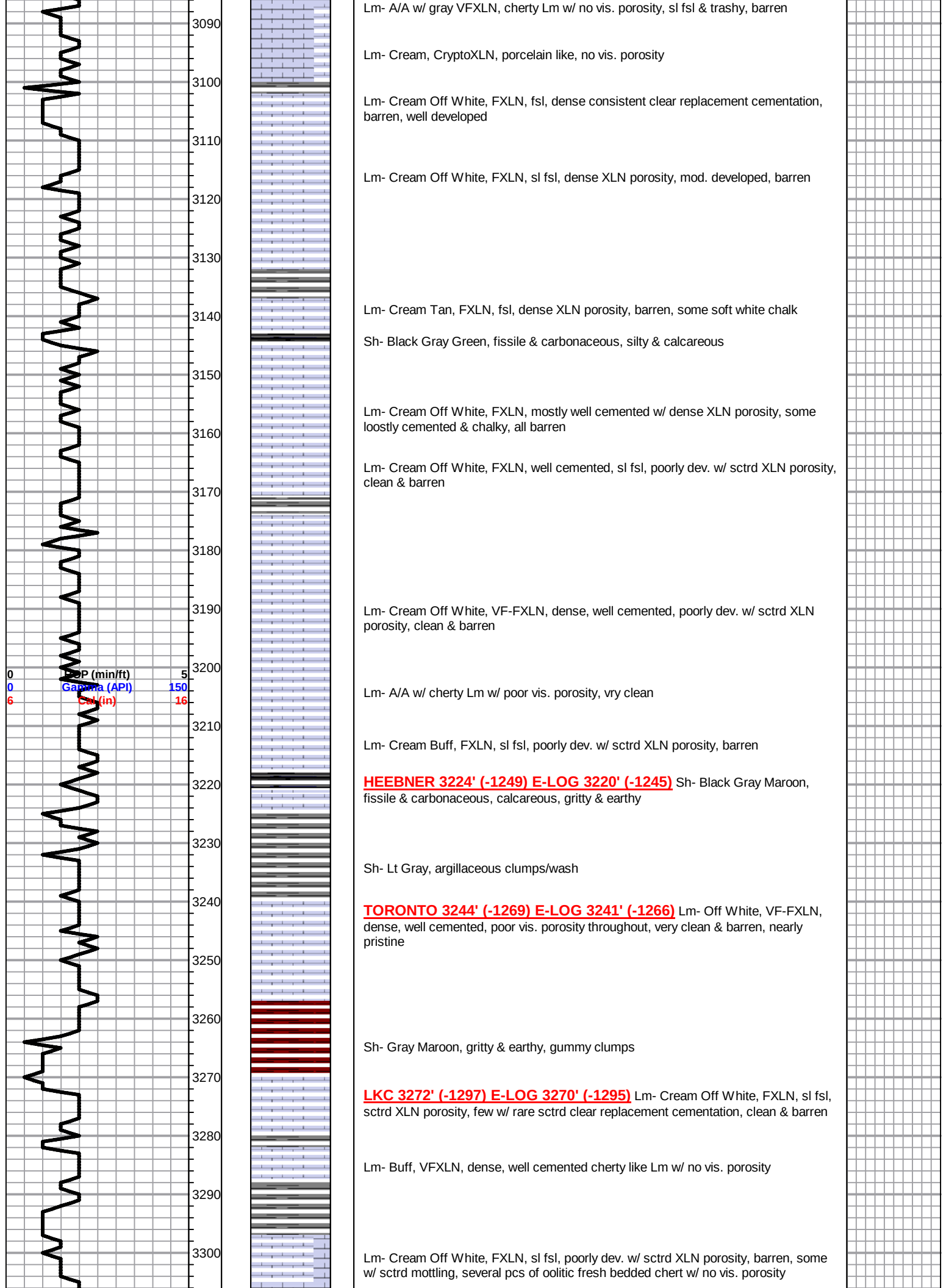
Lm- Buff Tan, VFXLN, dense, sl fsl, well cemented, dense XLN porosity, barren, sl trashy

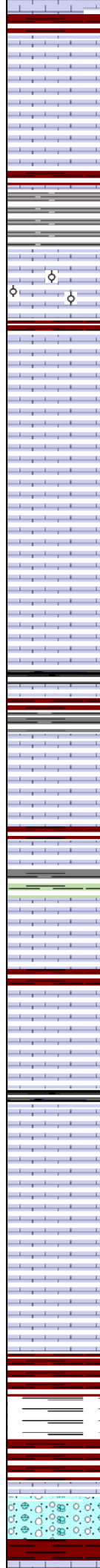
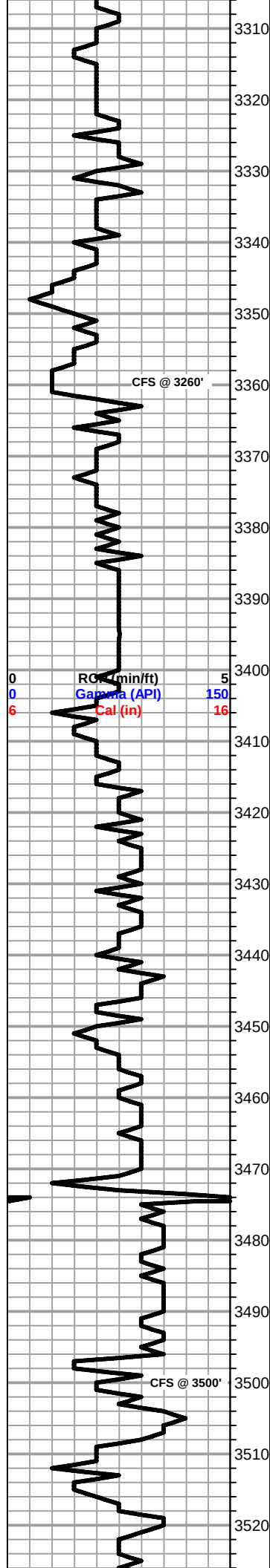
Lm- Buff, FXLN, sl dolomitic &amp; grainy, sctrd XLN porosity, some sl fsl, barren

Lm- Cream Off White, FXLN, fsl, dense XLN porosity, barren

Lm- Cream Off White, A/A w/ well cemented, dense, grainy, consistent micro XLN porosity, chalky in part, barren

Sh- Black Green Gray White, fissile &amp; carbonaceous, argillaceous clumps/wash





Lm- Cream, FXLN, dense, well cemented & tight no poor sctrd XLN porosity, clean & barren

Lm- Gray, VFXLN, dense, well cemented, min. vis. porosity, barren

Sh- Gray White, gritty & earthy, gummy white chalk

Lm- Tan, FXLN, oolitic clusters w/ clear replacement cementation, massive, poorly dev. interXLN cementation, sctrd XLN porosity, 2-3 PCS W/ DRK SCTRD STN, TR FRO, TR ODR

Lm- Tran, FXLN, well cemented oolitic clusters, poorly dev. w/ no vis. interoolite porosity, barren

Lm- Cream Off White, FXLN, sl oolitic & poorly dev., well cemented & tight w/ poor vis. porosity, barren

Lm- Cream Tan, VF-FXLN, dense, tight w/ sctrd XLN porosity, clean & barren

Sh- Black Gray, fissile & carbonaceous, gritty & earthy, few pcs of black fresh bedded chert, sl fsl w/o vis. porosity

Lm- Cream Off White, FXLN, some sl fsl, most all well cemented, few loosely cemented, all poorly dev. w/ sctrd XLN porosity, all very clean & barren

Lm- Cream Off White, VFXLN, dense, tight w/ rare sctrd XLN porosity, barren

Lm- Cream Tan, VF-FXLN, mix of well cemented cherty Ls w/o vis. porosity & loosely cemented, poorly dev w/ sctrd XLN porosity, all barren

Lm- Tan, FXLN, dense, well cemented, poor vis. porosity, barren

Sh- Black Maroon Gray, fissile & carbonaceous, gritty & earthy

Lm- Tan, VFXLN, fresh bedded cherty Ls w/o vis. porosity

Lm- Buff, FXLN, well cemented dolomitic Ls w/ consistent micro XLN & sctrd fn ppt porosity, TR LT STN, TR FO, WK ODR

Lm- Cream Tan, VF-FXLN, dense, well cemented & tight w/ sctrd XLN porosity, barren

**BKC 3496' (-1521) E-LOG 3494' (-1519)** Sh- Maroon Gray, argillaceous clumps, gritty & earthy

Sh- Maroon Gray, argillaceous clumps

Conglomerate Ls- White Maroon, massive, loosely & well cemented, barren

Lm- Tan, VFXLN, dense, well cemented, sctrd ppt porosity, SCTRD DRK STN, TR

