

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**

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 Geologist Report / Mud Logs <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 | | | | |
| | | | | |

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

| | | | | |
|---|--|---------|-------------|-----------------------|
| Date of first Production/Injection or Resumed Production/Injection: | 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> <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: Top Bottom |
|---|---|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | | |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: | |
|----------------|-------|---------|------------|--|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | White Exploration, Inc. |
| Well Name | LAWRENCE 2 |
| Doc ID | 1705138 |

All Electric Logs Run

| |
|-----------------------------|
| |
| Compensated Density/Neutron |
| Dual Induction |
| Micro Log |
| Sonic Log |

QUALITY WELL SERVICE, INC.

8123

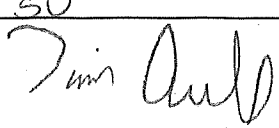
Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-786-6992
Fax 620-672-3663

Todd's Cell 620-388-4967
Brady's Cell 620-727-6964

| | | | | | | | | | | | | | | | | | |
|---------------------------------------|------------------|----------|------------|------|---|-------|--|--------|--------|-------|------------------------------|-------------|--|--------|--|---------------------------------------|--|
| Date | 10-13-22 | Sec. | 25 | Twp. | 31S | Range | 12W | County | BARBEC | State | Ks | On Location | | Finish | | | |
| Lease | LAWRENCE | Well No. | #2 | | Location | | | | | | MED LODGE, K1 3 N to Well Rd | | | | | | |
| Contractor | DUKE DEAN TR. #7 | | | | Owner | | 1/2 E E: N into | | | | | | | | | | |
| Type Job | SURFACE | | | | To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | | | | | | | | | | | | |
| Hole Size | 12 1/4 | | T.D. | | 400' | | Charge To | | | | | | | | | White Exploration INC | |
| Csg. | 25/3 | | Depth | | 394' | | Street | | | | | | | | | | |
| Tbg. Size | | | Depth | | | | City | | | | | | | | | State | |
| Tool | | | Depth | | | | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | | | | | | |
| Cement Left in Csg. | | | Shoe Joint | | 20 | | Cement Amount Ordered | | | | | | | | | 300 sc Common | |
| Meas Line | | | Displace | | | | EQUIPMENT | | | | | | | | | 2 1/2 GAL 3 1/2 CC 1/2 PS USED 275 SK | |
| Pumptrk | B No. | | | | | | Common | | | | | | | | | 275 | |
| Bulktrk | 012 No. | | | | | | Poz. Mix | | | | | | | | | | |
| Bulktrk | No. | | | | | | Gel. | | | | | | | | | 517 # | |
| Pickup | No. | | | | | | Calcium | | | | | | | | | 776 # | |
| JOB SERVICES & REMARKS | | | | | | | Hulls | | | | | | | | | | |
| Rat Hole | | | | | | | Salt | | | | | | | | | | |
| Mouse Hole | | | | | | | Flowseal | | | | | | | | | 138" | |
| Centralizers | | | | | | | Kol-Seal | | | | | | | | | | |
| Baskets | | | | | | | Mud CLR 48 | | | | | | | | | | |
| D/V or Port Collar | | | | | | | CFL-117 or CD110 CAF 38 | | | | | | | | | | |
| R. in 9 1/2" 23" CSG SET 394' | | | | | | | Sand | | | | | | | | | SUGAR 75 # | |
| START CSG CSG on Bottom | | | | | | | Handling | | | | | | | | | 299 | |
| Hook up to CSG & BREAK CIRC W/21G | | | | | | | Mileage | | | | | | | | | 25 / 7475 | |
| START PUMPING H2O | | | | | | | FLOAT EQUIPMENT | | | | | | | | | | |
| START MK & Pump 275 sc Common | | | | | | | Guide Shoe | | | | | | | | | | |
| 2 1/2 GAL 3 1/2 CC 1/2 PS & 14.3" GAL | | | | | | | Centralizer | | | | | | | | | | |
| START DISO | | | | | | | Baskets | | | | | | | | | | |
| Plug down | | | | | | | AFU Inserts | | | | | | | | | | |
| Close VALVE on CSG 150" | | | | | | | Float Shoe | | | | | | | | | | |
| GOM CIRC THRU TD3 | | | | | | | Latch Down | | | | | | | | | | |
| CIRC CUT TO PAT | | | | | | | SERVICE SUP | | | | | | | | | 1 EA | |
| | | | | | | | LMV | | | | | | | | | 25 | |
| | | | | | | | Pumptrk Charge | | | | | | | | | SURFACE | |
| | | | | | | | Mileage | | | | | | | | | 50 | |
| THANK YOU | | | | | | |  | | | | | | | | | Tax | |
| PLEASE CALL AGAIN | | | | | | | | | | | | | | | | Discount | |
| TODD MIKE BRYAN | | | | | | | | | | | | | | | | Total Charge | |
| X Signature | | | | | | | | | | | | | | | | | |

QUALITY WELL SERVICE, INC.

8133

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

| Date | Sec. | Twsp. | Range | County | State | On Location | Finish |
|---|-------------------------------|--|-------|--|-------|-------------|--------|
| 10-18-22 | 25 | 31S | 12W | Barber | Ks | | |
| Lease LAWRENCE | Well No. 2 | Location | | | | | |
| Contractor DUKE DRIG RIG #7 | | | | Owner | | | |
| Type Job 5 1/2 LS | To Quality Well Service, Inc. | | | | | | |
| You are hereby requested to rent cementing equipment and furnish | | | | | | | |
| cement and helper to assist owner or contractor to do work as listed. | | | | | | | |
| Hole Size 7 7/8 | T.D. 4590' | Charge To | | | | | |
| Csg. 5 1/2 155 | Depth 4579' | White Exploration TMC | | | | | |
| Tbg. Size | Depth | Street | | | | | |
| Tool | Depth | City State | | | | | |
| Cement Left in Csg. | Shoe Joint 21.04 | The above was done to satisfaction and supervision of owner agent or contractor. | | | | | |
| Meas Line | Displace 103.48 | Cement Amount Ordered 2000 PRG 2 1/2 FEL 10' SALT | | | | | |
| EQUIPMENT | | | | 5 1/2 SX R/SEAL .6 1/4 C16A .25 1/4 C41P 25 1/4 PI | | | |
| Pumptrk 8 No. | | Common 200 SX | | | | | |
| Bulktrk 10 No. | | Poz. Mix | | | | | |
| Bulktrk No. | | Gel. 376 # | | | | | |
| Pickup No. | | Calcium | | | | | |
| JOB SERVICES & REMARKS | | | | Hulls | | | |
| Rat Hole 305 | | Salt 1101 # | | | | | |
| Mouse Hole | | Flowseal 50 # | | | | | |
| Centralizers 5-6-7-8-9-10-12 | | Kol-Seal 1000 # | | | | | |
| Baskets Scratchers 7-8-9-10 | | Mud CLR 48 500 GAL | | | | | |
| D/V or Port Collar | | CFL-117 or GD110-CAF-38 C16A 112.8 # | | | | | |
| Rig 103 H's 5 1/2 155 CSB SETD 4579' | | Sand-CC-1 9 GAL CAMP 47 # | | | | | |
| START CSG CSG on Bottom TAG | | Handling 246 | | | | | |
| Hook up to CSB DROP BALL BREAK CIRCUIT RIG | | Mileage 25 / 6150 | | | | | |
| START Pumping 10 Bbls H2O 12 Bbls MF 10 Bbls H2O | | 5 1/2 FLOAT EQUIPMENT | | | | | |
| START PUMP R-H 305 | | Guide Shoe H # M 1 EA | | | | | |
| START Mix & Pump 1700 PRG ↓ CSG 114.8 1/4 | | Centralizer 7 EA | | | | | |
| SHUT DOWN wash up R/L RELEASE 5 1/2 L/D | | Baskets-Rotate HEAD 1 EA | | | | | |
| START Disp w/ 2 1/4 KLL | | AFU Inserts Rotate Scratchers 20 EA | | | | | |
| LIFT PS 90 at 500' | | Float Shoe 1 EA | | | | | |
| PUSH DOWN 103.5 Bbls 1300' | | Latch Down 1 EA | | | | | |
| PS on CSG 1700' | | SERVICE Spxv 1 EA | | | | | |
| RELEASE! HOLD 1/2 Bbl Back | | LMV 25 | | | | | |
| Good Circ thru 103 | | Pumptrk Charge LS | | | | | |
| ⊙ | | Mileage 50 | | | | | |
| THANK YOU | | Tax | | | | | |
| PLEASE CALL AGAIN | | Discount | | | | | |
| Signature <i>[Signature]</i> | | Total Charge | | | | | |

ATTACHMENT TO ACO-1 FORM FOR
WHITE EXPLORATION, INC.
LAWRENCE #2
660' FSL, 660' FEL Section 25-31S-12W
Barber County, Kansas
API# 15-007-24445-00-00

Acid, Fracture Record

Acidized Mississippi perforations from 4286 – 4280 with 600 gallons on 10% MCA Acid followed by 1500 gallons of 10% NE/FE Acid wth perf balls.

Fracked with 114,189# of 30/50 sand and 10,887# of 16/30 Resin Coated Sand and 297,318 gallons (7,079 Bbls) of slick water.



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

Well Name: Lawrence #2
API: 15-007-24445
Location: 25-31S-12W
License Number:
Spud Date: 10/08/22
Surface Coordinates: C SE SE
Region: Barber County, KS
Drilling Completed: 10/17/22
Bottom Hole Coordinates:
Ground Elevation (ft): 1514
Logged Interval (ft): 3300
Formation: Viola
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 1527
Total Depth (ft): 4580
To: 4580

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

OPERATOR

Company: White Exploration, Inc.
Address: 1635 N Waterfront Pkwy, Ste. 100
Wichita, KS 67206

GEOLOGIST

Name: Andrew White
Company: White Exploration, Inc.
Address:

Remarks

Due to positive Sample and Log analysis, production casing was set to test the Mississippi.

General Info

Drilling Contractor: Duke Rig #7

Logs: ELI; Neutron/Density, Dual, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 400'-1 1/2, 904'-1/2, 1409'-3/4, 1915'- 1 1/4, 2168'-1, 2672'-1/4, 3273'-3/4, 3590'-1 1/4, 4125'- 3/4, 4580'-1/4

Daily Status

10/08/22: KODA Services drill and set 20" Conductor Casing @ 48'

10/12/22: MIRT, Spud @ 7:00 p.m., Drill 400', set 9 joints new 8-5/8" 23# Surface Casing. Set @ 394' and cemented with 275 sacks Common Cement with 2% gel and 3% CC

10/13/22: Waiting on Cement @ 400'

10/14/22: Drilling ahead @ 1557'

10/15/22: Drilling ahead @ 2641'

10/16/22: Drilling ahead @ 3500'

10/17/22: Circulating for samples @ 4280'

| White Ex | | | |
|-------------|------|-------|-------|
| Lawrence #2 | | | |
| 25-31S-12W | | | |
| C SE SE | | | |
| KB:1527 | | | |
| Sample | Log | Datum | |
| Heebner | 3498 | 3498 | -1971 |
| Lansing | 3698 | 3701 | -2174 |
| Stark | 4063 | 4068 | -2541 |
| Miss | 4258 | 4266 | -2739 |
| Kind | 4422 | 4423 | -2896 |
| Viola | 4550 | 4552 | -3025 |

| White Ex | |
|---------------------|--|
| Lawrence #1 | |
| 25-31S-12W | |
| 2075' FSL, 660' FEL | |
| KB: 1525 | |
| Relationship | |
| -4 | |
| -5 | |
| -10 | |
| -9 | |
| -30 | |
| -28 | |

| Parker | |
|--------------|--|
| Nuckols #1 | |
| 25-31S-12W | |
| KB: 1522 | |
| Relationship | |
| -2 | |
| -6 | |
| -18 | |
| -21 | |
| N/A | |
| N/A | |

| Nat Petro | |
|----------------------|--|
| Rucker A 1 | |
| 25-31S-11W | |
| 1950' FSL, 2150' FEL | |
| KB: 1557 | |
| Relationship | |
| 6 | |
| -1 | |
| -4 | |
| -14 | |
| -22 | |
| -19 | |

ROCK TYPES

LITHOLOGY

| | |
|--|-------|
| | Anhy |
| | Bent |
| | Brec |
| | Cht |
| | Clyst |
| | Coal |
| | Congl |

| | |
|--|-------|
| | Dol |
| | Gyp |
| | Igne |
| | Lmst |
| | Meta |
| | Mrlst |
| | Salt |
| | Shale |

| | |
|--|-------|
| | Shcol |
| | Shgy |
| | Sltst |
| | Ss |
| | Till |

| STRINGER | |
|----------|------|
| | Anhy |

| | |
|--|-------|
| | Arg |
| | Bent |
| | Coal |
| | Dol |
| | Gyp |
| | Ls |
| | Mrst |
| | Sltst |

| | Ssstrg |
|----------|---------|
| OIL SHOW | |
| | Even |
| | Spotted |
| | Ques |
| | Dead |

Curve Track 1

ROP (min/ft) ———
 Gamma (API) - - -

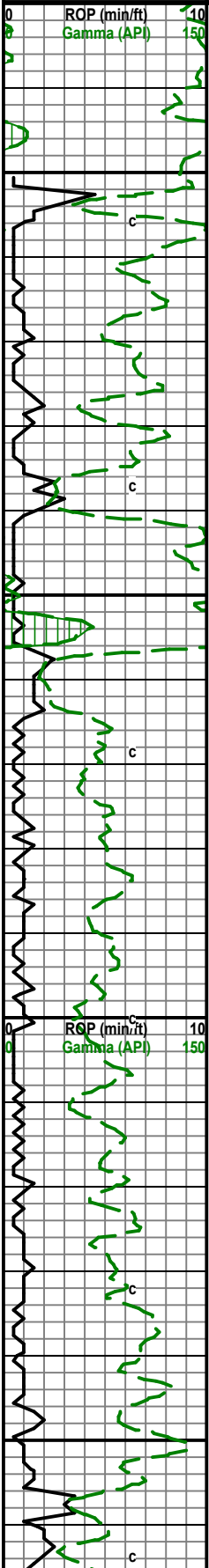
MD

Lithology

Oil Shows

Geological Descriptions

TG, C1-C5



Sh: gry-drk gry-lt gry

Sh: AA some LS: crm-gry, sli tan, mcrxln, sli fos

Sh: and LS: AA

AA, some SS: gry-lt gry, f-vfgm, silty, pos sli odor, pos sli show gas on break

AA some SS: gry/whi, shale, fn-vfgm, pos sli odor, pos sli show gas on break

Sh: gry-drk gry-lt gry, SS: gray, Silt, vfgm, sli LS: crm-tan, mcrxln

No Samples from 3400-3500

Heebner: 3498 (-1971)

3520 sample: Sh: gry-drk gry-lt gry, SS: opa, f-vfgrn, sub round, sli glau, sli gry silt, some LS: crm-brwn, mcrxn, sli fos

Sh: gry-drk gry-lt gry, LS: crm-gry, sli tan/brwn, mcrxn, some SS:AA

Sh: gry-drk gry-bkck, SS: gry-opaque, vf-grn silty, LS: gry-crm, sli tan, mcrxn, sli pyrite, pos sli show gas in cup

AA

Sh, and SS, AA with LS: brwn-crm, sli gry, mcrxn, sli fos

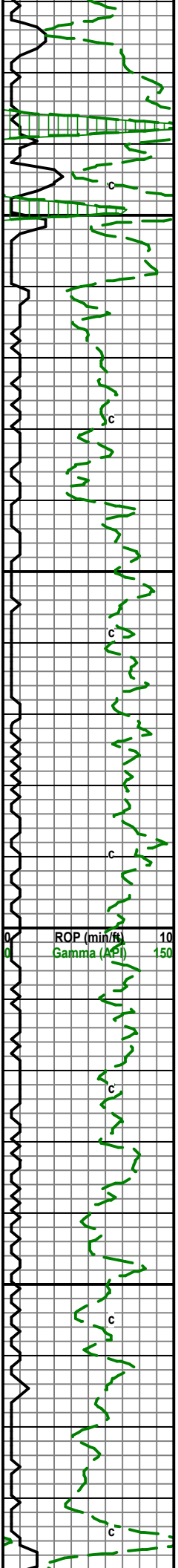
AA

Sh: lt gry silty, sli sandy

AA

AA with SS: gry-opaque, vfgrn, sli fgrn, sub rnd, ques dead stain, some pyrite, some LS: crm-brwn/tan, mcrxn

AA



3500

3550

3600 MD

3650

ROP (min/ft)
Gamma (API)

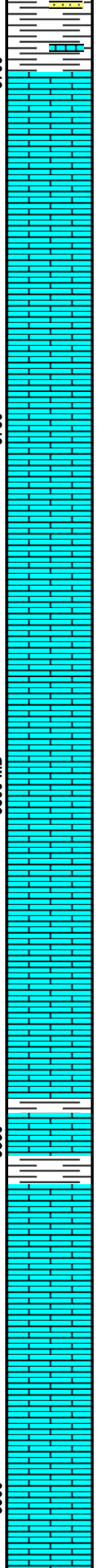
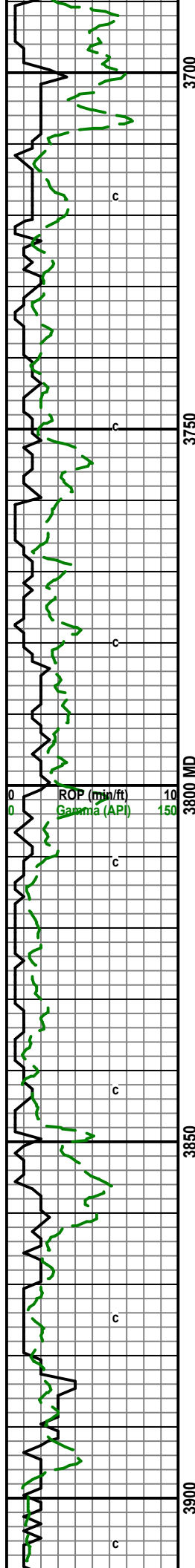
10
150

3600 MD

Sh: lt gry, silty, sandy, some SS: gry, silty, sli opaque, vtgrn, LS: crm, mcrxn

Mudco mud chk
Wt: 8.9 Vis: 50
pH: 11.0 Fil: 7.6
LCM: 2#

Lansing: 3701 (-2174)



LS: crm-gry, tan, mcrxn, sli chert

LS: crm-tan, sli gry, mcrxn, sli fldn, sli fos,

LS: crm/gry-tan, mcrxn, sli chalk, sli fos

LS: crm-gry, sli tan, mcrxn, sli chalk,

LS: gry, sli crm, mcrxn, sli fos,

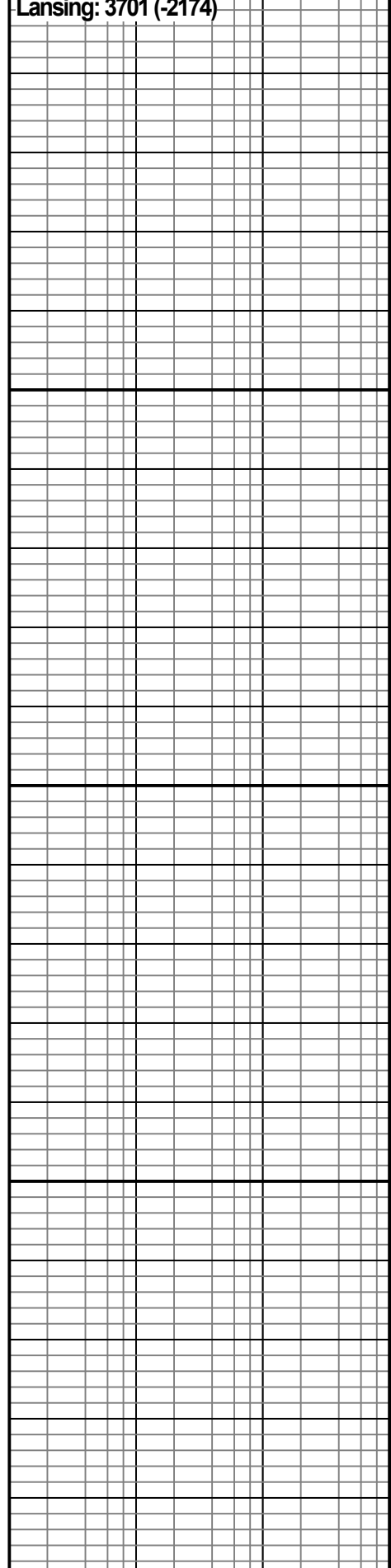
LS: gry-tan, sli crm/brwn, mcrxn, sli chert, sli chalk

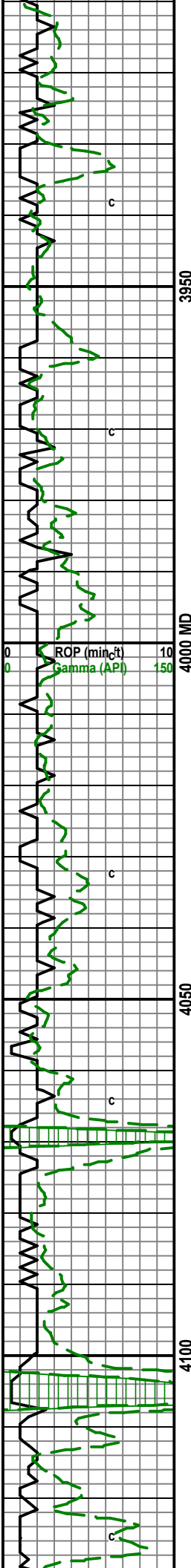
LS: crm-gry, tan/brwn, mcr-fxn, sli chalk, sli fos,

LS: AA with Sh: gry-lt gry silty

LS: tan/brwn, sli gry, mcr-fxn, chalky, sli fos

LS: tan-gry-crm, mcrxn, sli chalk, sli fos





LS: gry-crm, sli tan, mcrxln, chalk, sli ool in prt, sli fos

LS: gry-crm, mcrxln, sli fxdn, chalk, sli ool

LS: gry-crm, mcrxln, sli chert, sli chalk, sli fos

LS: gry-crm, mcrxln, sli fxdn, sli ool, sli chalk, sli chert

LS: gry-crm, mcrxln, sli fos

LS: AA

LS: crm-tan/brwn, sli gry, mcr-fxdn, sli chert, chalky,

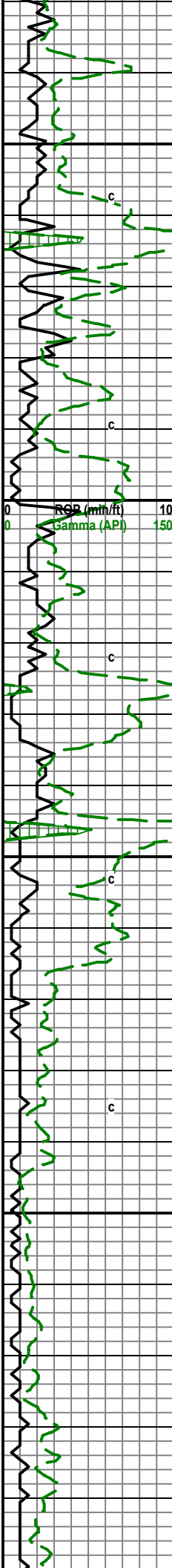
LS: brwn/tan-gry-crm, mcr-fxdn, sli ool, sli chalk,

Stark: 4068 (-2541)

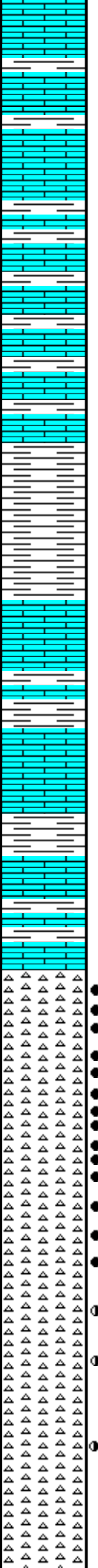
LS: crm-gry, mcr-fxdn, chalky, few pieces gran, ool, some Sh: drk gry-blck, gas

LS: gry-crm, mcrxln, sli fxdn, chalky, Sh: drk gry-blck

LS: crm-gry, sli tan, mcrxln, some fxdn, sli fos, chalky, Sh: gry-drk gry



4150
4200 MD
4250
4300
4350



LS: gry, sli crm, mcrxln, Sh: gry-lt gry-some drk gry

LS: gry-crm, mcrxln, with Sh: AA

AA

Sh: gm-red, lt gry-gry, some LS: crm-gry, mcrxln

LS: crm-gry, mcrxln,

LS: crm-gry, sli tan, mcrxln, Sh: gry-gm, sli drk gry, some lt gry silty

LS: crm-gry, mcr-foxln, sli gm, cherty, some Sh: AA. few pieces Chert: sli trip, sli fresh, sli stain, sli SFO and gas on break, no odor, dull to no yellow fluor

Chert: trip some fresh, fr stain, VSSFO on break, VSSGas, no odor, dull yellow fluor, fr vis por, most pieces dense, few friable

Chert: trip, fresh, fair sat stain, SFO, SGas, sli odor, yellow fluor, pr-fr vis pp por

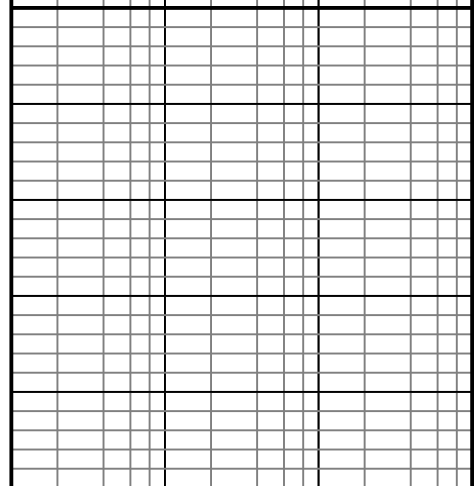
Chert: AA more fresh, decrease in show

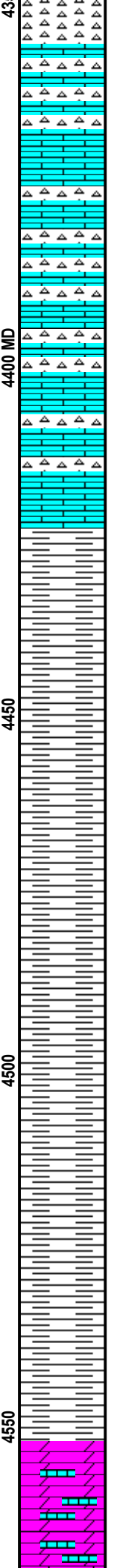
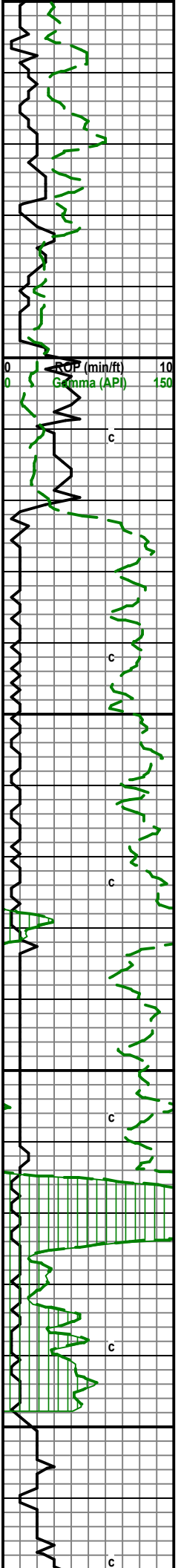
Chert: fresh, sli trip, sli stain, pos dead stain, sli odor, sli SFO, sli SGas,

Mississippian: 4266 (-2739)

CFS 60"

CFS 60"



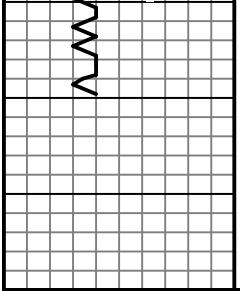


Chert: AA some LS: crm-tan/brwn, mcrxn,
AA
LS: crm-gry, sli tan, mcrxn, with Chert,
AA
AA with Sh: gry-drk gry, sli lt gry
Sh: AA
Sh: gry-drk gry
Sh: AA
Sh: gry, drk gry, lt gry
Sh: AA
Sh: drk gry-blck, gas bubbles
Dolo: gry-crm, mcf-ixn, sli mxn, sli limey, chalk, sli chert

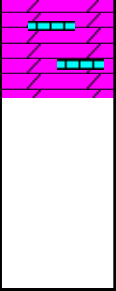
Mudco mud chk
Wt: 9.2 Vis: 53
pH: 11.0 Fil: 7.2
LCM: 2#

Kinderhook: 4423 (-2896)

Viola: 4552 (-3025)



MD



RTD 4580

LTD 4582

