



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1263905
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
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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: _____



1263905

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Chisholm Partners II, LLC
Well Name	Evans 9-1
Doc ID	1263905

All Electric Logs Run

Dual Compensated Porosity
Dual Induction
Microresistivity
Borehole Compensated Sonic
Radial Sector Bond Log w/ Gamma Ray

Form	ACO1 - Well Completion
Operator	Chisholm Partners II, LLC
Well Name	Evans 9-1
Doc ID	1263905

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	17.375	13	48	199	common	150	60/40 POZ 4% cc, quarter lb flow seal
Conductor	2.5	20	64	100	ready mix	10	na
Production	7.875	5.5	15.5	3534	common	125	10% salt 5% gilsonite
Intermediate	12.25	8.625	24	513	common/	600	60/40 POZ 4% cc, 1/2 lb flow seal

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1410

Date	4-29-15	Sec.	9	Twp.	17	Range	3	County	McPherson	State	KS	On Location		Finish	10:00AM
Lease								Well No.		Owner					
Evans								9-1		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Contractor								8		Charge To					
Southwind										Chisolm Partners					
Type Job										Street					
Surface										City					
Hole Size								T.D.		State					
12 1/4								514		The above was done to satisfaction and supervision of owner agent or contractor.					
Csg.								Depth		Cement Amount Ordered					
8 5/8								514		225 sx 60/40, 4% cc, 1/2 # Flow,					
Tbg. Size								Depth		150 sx com 3% cc, 170 x 200 sx com 4% cc					
										Common					
Tool								Depth		Poz. Mix					
										Gel.					
Cement Left in Csg.								Shoe Joint		Calcium					
								25		Hulls					
Meas Line								Displace		Salt					
								31661		Flowseal					
EQUIPMENT										Kol-Seal					
										Mud CLR 48					
Pumptrk 5								No.		CFL-117 or CD110 CAF 38					
No.								Cementer		Sand					
4								Helper		Handling					
No.								Driver		Milage					
4								Lannie		Guide Shoe					
No.								Driver		Centralizer					
4								Billy		Baskets					
No.								Driver		AFU Inserts					
4								Travis		Float Shoe					
21, 14										Latch Down					
JOB SERVICES & REMARKS										1 Rubber Plug					
										Pumptrk Charge					
Remarks:										Milage					
Rat Hole										Tax					
Mouse Hole										Discount					
Centralizers										Total Charge					
Baskets															
D/V or Port Collar															
Max (100sx and 200 # Hulls) in 5 7/8															
Float down released by and displaced															
Run 1" and sampled 70sx															
Run 1" back in and dump 150sx															
Mixed 35sx com 4% cc 1/2 # Flow with 200 # Hulls															
Signature															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 939

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-6-15	9	17	3	McPherson	K		10-30

Location: Lindsborg & J 35 S 10 15 Ave 15 3/4 N.W.

Lease Evans Well No. 9-1 Owner _____

Contractor _____ To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish
cement and helper to assist owner or contractor to do work as listed.

Type Job Production Charge To Chisholm Partners

Hole Size 7 7/8 T.D. 3540 Street _____

Csg. 5 1/2 Depth _____ City _____ State _____

Tbg. Size _____ Depth _____

Tool _____ Depth _____ The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 19' Shoe Joint 19 Cement Amount Ordered 150 10% Sl. 5% bbl

Meas Line _____ Displace 83 3/4

EQUIPMENT

Pumptrk 5 No. _____ Cementer _____ Helper David Poz. Mix _____

Bulktrk 9 No. _____ Driver Don Gel. _____

Bulktrk PU No. _____ Driver Don Calcium _____

JOB SERVICES & REMARKS

Remarks: _____ Hulls _____

Rat Hole 30 Salt _____

Mouse Hole _____ Flowseal _____

Centralizers 1, 2, 4, 6 & 10 Kol-Seal _____

Baskets _____ Mud CLR 48 - 500 bbl

D/V or Port Collar _____ CFL-117 or CD110 CAF 38

_____ Sand _____

_____ Handling _____

Ran 3534 at 5 1/2 + 65 circulation Mileage _____

Mis 500 bbl Mud Flow 5 1/2 **FLOAT EQUIPMENT**

Plug Rat _____ Guide Shoe _____

Mixed - 120 Centralizer 6

Displaced 83 3/4 bbl Baskets _____

_____ AFU Inserts _____

_____ Float Shoe 1

_____ Latch Down 1

_____ _____

_____ _____

_____ _____

_____ Pumptrk Charge _____

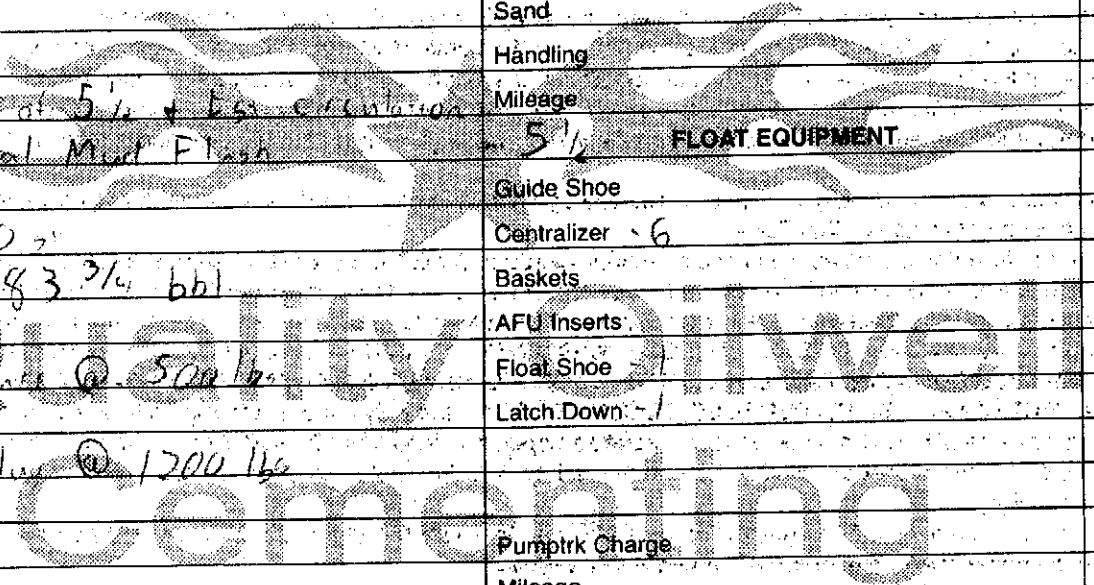
_____ Mileage _____

_____ Tax _____

_____ Discount _____

_____ Total Charge _____

X Signature [Signature]



QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1409

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4-27-15	9	17	3	McPherson	KS		7:30PM

Location *Linsborg & I-35, S to 15th Ave, 15, 3/8w,*

Lease *Evans* Well No. *9-1* Owner *N n Z*

Contractor *Southwind #8*
Type Job *Conductor*
To Quality Oilwell Cementing, 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 *17 3/4* T.D. *200* Charge To *Chisholm & Partners*

Csg. *13 3/8* Depth *200* 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 *150 sx 60/40, 4%CC, 1/2# Flow*

Meas Line Displace *27 1/2 bbl*

EQUIPMENT

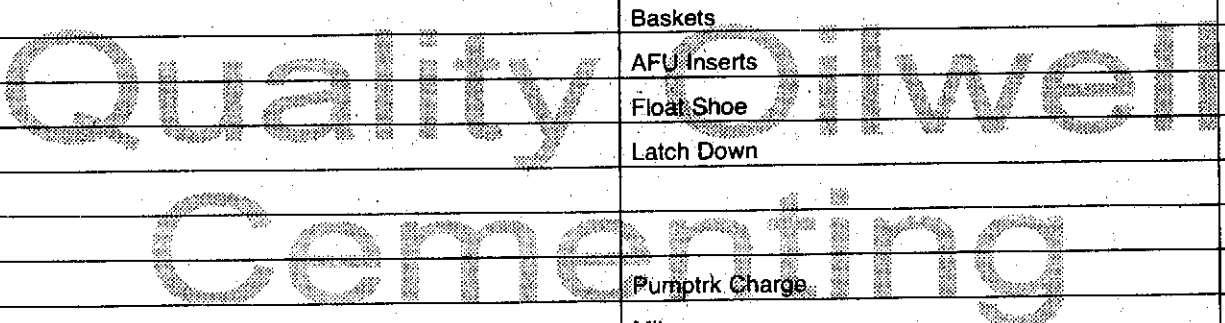
Pumptrk <i>5</i>	No.	Cementer Helper <i>Louise</i>	Common
Bulktrk <i>4</i>	No.	Driver Driver <i>Doug</i>	Poz. Mix
Bulktrk <i>P4</i>	No.	Driver Driver <i>Travis</i>	Gel.
			Calcium

JOB SERVICES & REMARKS

Remarks: <i>cement did circulate</i>	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down



Pumptrk Charge

Mileage

Tax

Discount

Total Charge

X Signature

[Handwritten Signature]



CHISHOLM — PARTNERS —

Scale 1:240 Imperial

Well Name: EVANS #9-1
Surface Location: NW SE Sec. 9 - 17S - 32
Bottom Location:
API: 15-113-21376
License Number: 34622
Spud Date: 4/22/2015 Time: 12:00 PM
Region: MCPHERSON COUNTY KANSAS Time: 1:35 AM
Drilling Completed: 5/6/2015
Surface Coordinates: 1980' FSL & 1980' FEL
Bottom Hole Coordinates:
Ground Elevation: 1316.00ft
K.B. Elevation: 1325.00ft
Logged Interval: 1900.00ft To: 3510.00ft
Total Depth: 3540.00ft
Formation: MAQUOKETA DOLOMITE, VIOLA, SIMPSON SAND
Drilling Fluid Type: CHEMICAL / FRESH WATER GEL

OPERATOR

Company: CHISHOLM PARTNERS II, LLC
Address: 300 N. CEDAR ST
SUITE 101
ABILENE, KS 67410
Contact Geologist: RICHARD MCKEE
Contact Phone Nbr: (620) 968-7741
Well Name: EVANS #9-1
Location: NW SE Sec. 9 - 17S - 32
API: 15-113-21376
Pool:
State: KANSAS Field: UNNAMED
Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -97.6550027
Latitude: 38.5853122
N/S Co-ord: 1980' FSL
E/W Co-ord: 1980' FEL

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, INC.
 Rig #: 8
 Rig Type: MUD ROTARY
 Spud Date: 4/22/2015
 TD Date: 5/6/2015
 Rig Release: 5/6/2015

Time: 12:00 PM
 Time: 1:35 AM
 Time: 5:00 PM

ELEVATIONS

K.B. Elevation: 1325.00ft
 K.B. to Ground: 9.00ft
 Ground Elevation: 1316.00ft

NOTES

****AFTER LOGGING IT WAS DECIDED TO DEEPEN THE HOLE 30' ****

AFTER LOG ANALYSIS IT WAS DECIDED TO RUN 5 1/2" PRODUCTION CASING AND FURTHER EVALUATE THE SIMPSON SAND INTERVALS WITH PERFORATION.

DUE TO HISTORICAL INFORMATION AND AGE OF THE LINDSBORG FIELD SOME RESEARCH INFORMATION WAS LIMITED. WITH AGE OF DEVELOPMENT OF THE FIELD SOME DISCREPANCIES THERE IS A VARIANCE WHERE THE VIOLA WAS CALLED. WITH A LACK OF ELECTRICAL LOGS RAN, SOME INFORMATION IS FROM COMPLETION CARDS ONLY.

**RESPECTFULLY SUBMITTED,
 JEFF LAWLER**

DST #1 MAQUOKETA 3301' - 3316' (SEVERE PLUGGING INCONCLUSIVE DST)

	DRILL STEM TEST REPORT	
	Chisholm Partners II .L.L.C 300 N Cedar St Suite 101 Abilene KS 67410 ATTN: Jeff Lawler	9-17s-3w Mcpherson Evans #9-1 Job Ticket: 62920 Test Start: 2015.05.03 @ 19:15:00
GENERAL INFORMATION:		
Formation: Maquoketa+Dolomite Deviated: No Whipstock: ft (KB) Time Tool Opened: 20:48:30 Time Test Ended: 01:30:00	Test Type: Conventional Bottom Hole (Initial) Tester: Jared Scheck Unit No: 55-125 RT Hosington	
Interval: 3302.00 ft (KB) To 3316.00 ft (KB) (TVD) Total Depth: 3316.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Poor	Reference Elevations: 1325.00 ft (KB) 1316.00 ft (CF) KB to GR/CF: 9.00 ft	
Serial #: 8405 Press@RunDepth: 67.11 psig @ ft (KB) Start Date: 2015.05.03 End Date: 2015.05.04	Capacity: 5000.00 psig Last Calib.: 2015.05.04	

Start Time: 19:15:00

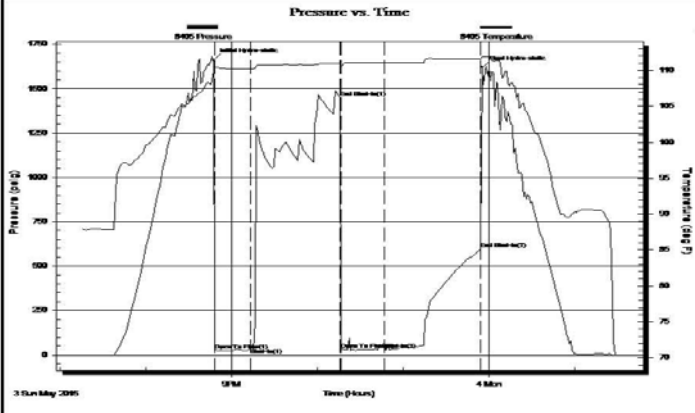
End Time:

01:30:00

Time On Btm: 2015.05.03 @ 20:47:30

Time Off Btm: 2015.05.03 @ 23:55:30

TEST COMMENT: IFP-30 Minutes-Weak surface blow died off tool chased 8 feet to bottom
 ISIP-60 Minutes-No blow back
 FFP-30 Minutes-No blow flushed tool good surge built 1/2 inch died off
 FSP-No blow back



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.83	109.96	Initial Hydro-static
1	26.27	110.41	Open To Flow (1)
26	37.45	110.19	Shut-In(1)
89	1448.72	110.98	End Shut-In(1)
90	28.99	110.64	Open To Flow (2)
120	67.11	111.05	Shut-In(2)
187	595.33	111.58	End Shut-In(2)
188	1621.39	111.92	Final Hydro-static

Length (ft)	Description	Volume (bbl)
10.00	mud	0.14

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 62920

Printed: 2015.05.04 @ 01:55:23

WELL COMPARISON SHEET

FORMATION	GAS WELL								SWD																			
	WALTER J NELSON				M&L DRILLING COMPANY				AUTO ORDNANCE CORP.				R.J. WALKER OIL COMPANY, INC.															
	MELANDER (OWWO)				HOG Lund #4				ANDERSON #2 OWWO				CHARLES GOLDER #1-16															
	SW NW 9-17-3				SE SE NW 8-17-13				W2 SE SE 8-17-3				E2 SE SW NE 16-17-3															
EVANS #9-1		GL		KB		1332		KB		1335		KB		1335		KB		1330										
LOG TOPS		SAMPLE TOPS		COMP. CARD		LOG		SMPL.		GEOREPORT		LOG		SMPL.		COMP. CARD		LOG		SMPL.								
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.	DEPTH	DATUM	DEPTH	DATUM	CORR.	CORR.							
ANHYDRITE TOP		371	954			410	925			+	29	308	1027			-	73											
BASE		394	931																									
LANSING	2235	-910	2213	-888														2290	-960	+	50	+	72					
KANSAS CITY																		2795	-1465									
MISSISSIPPI	2903	-1578	2884	-1559	2920	-1588	+	10	+	29	2912	-1577	-	1	+	18	2905	-1570	-	8	+	11	3012	-1682	+	104	+	123
MAQUOKETA	3313	-1988	3300	-1975							3322	-1987	-	1	+	12												
VIOLA	3365	-2040	3342	-2017							3392	-2057	+	17	+	40	3339	-2004	-	36	-	13	3433	-2103	+	63	+	86
SIMPSON SH	3430	-2105	3421	-2096	3451	-2119	+	14	+	23							3461	-2126	+	21	+	30						
SIMPSON DOLO	3439	-2114			3459	-2127	+	13			3437	-2102	-	12														
SIMPSON SND	3445	-2120			3464	-2132	+	12									3480	-2145	+	25								
ARBUCKLE			3519	-2194	3529	-2197			+	3						3527	-2192			-	2	3713	-2383			+	189	
TOTAL DEPTH	3508	-2183	3540	-2215	4092	-2760	+	577	+	545	3465	-2130	-	53	-	85	3560	-2225	+	42	+	10	3740	-2410	+	227	+	195

ROCK TYPES

Cht	Dolsec	shale, grn	Shcol
Congl	Lmst fw<7	shale, gry	Arg/Shale
Dolprim	Lmst fw>7	Carbon Sh	Ss

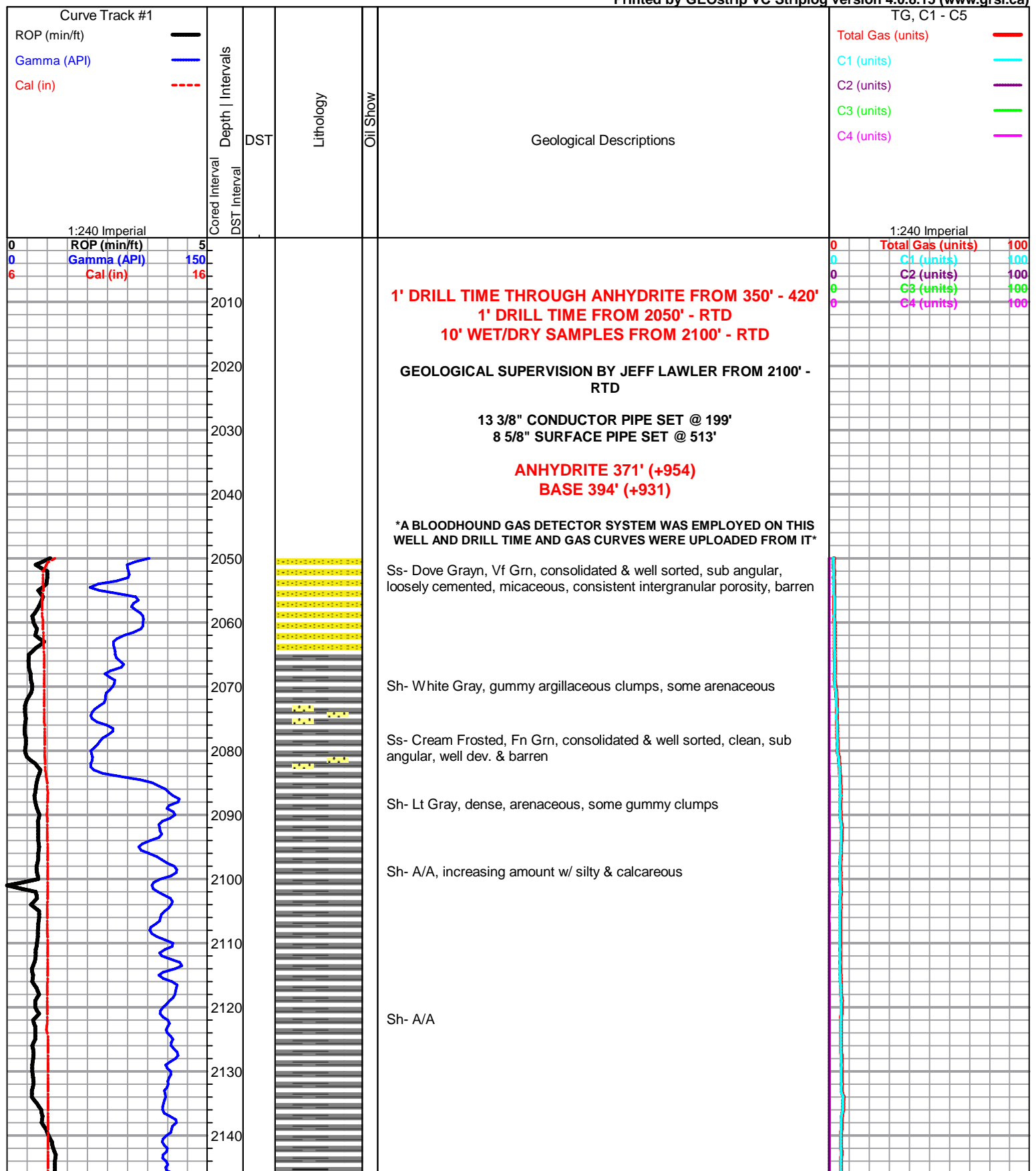
ACCESSORIES

FOSSIL	STRINGER
φ Oolite	~~~~~ Chert
	■■■■ Sandstone

OTHER SYMBOLS

MISC	DST

- Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt



1' DRILL TIME THROUGH ANHYDRITE FROM 350' - 420'
1' DRILL TIME FROM 2050' - RTD
10' WET/DRY SAMPLES FROM 2100' - RTD

GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 2100' - RTD

13 3/8" CONDUCTOR PIPE SET @ 199'
8 5/8" SURFACE PIPE SET @ 513'

ANHYDRITE 371' (+954)
BASE 394' (+931)

A BLOODHOUND GAS DETECTOR SYSTEM WAS EMPLOYED ON THIS WELL AND DRILL TIME AND GAS CURVES WERE UPLOADED FROM IT

Ss- Dove Grayn, Vf Grn, consolidated & well sorted, sub angular, loosely cemented, micaceous, consistent intergranular porosity, barren

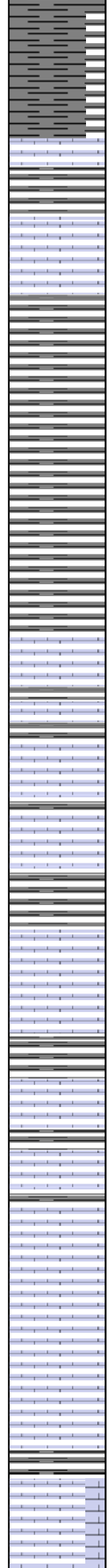
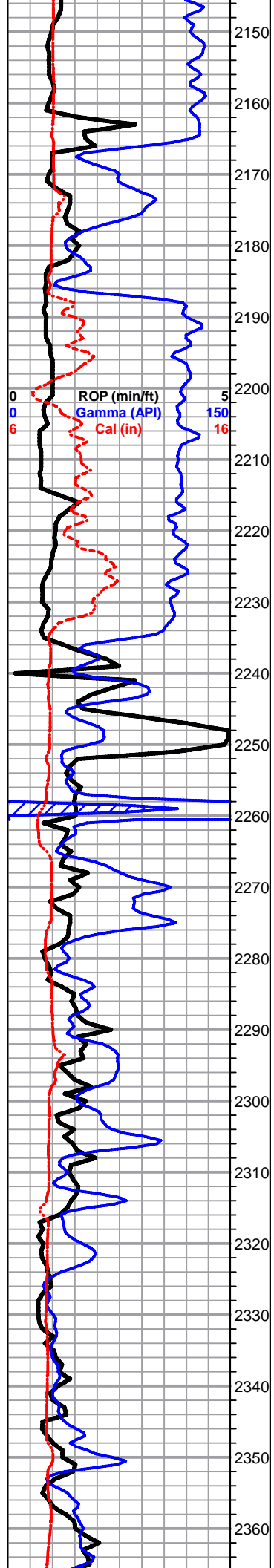
Sh- White Gray, gummy argillaceous clumps, some arenaceous

Ss- Cream Frosted, Fn Grn, consolidated & well sorted, clean, sub angular, well dev. & barren

Sh- Lt Gray, dense, arenaceous, some gummy clumps

Sh- A/A, increasing amount w/ silty & calcareous

Sh- A/A



Sh- A/A

Lm- Brown, VFXLN, dense, well cemented, bioclastic w/ fsl fragments, no-min. vis. porosity

Sh- Maroon Gray, Gritty & earthy, gummy argillaceous clumps

Sh- A/A

LANSING 2213' (-888) E-LOG 2235' (-910) Lm- Cream Off White, VF-FXLN, dense, well cemented, sl oolitic, poorly dev. w/ sctrd micro XLN & XLN porosity, barren

Lm- Cream Tan, FXLN, fsl w/ fusulinids, poorly dev., sctrd XLN porosity, sl trashy, several frosted fn grn Ss clusters, consolidated & well sorted, sub-rounded, spkld w/ chlorite/glaucanite, barren

Lm- Cream Off White, FXLN, dense, most well cemented, sl fsl, poorly dev. w/ sctrd XLN porosity, some sl chalky in part

Lm- A/A w/ cream & buff, cryptoXLN, some porcelain like cherty Ls w/o vis. porosity, some sl unconsolidated & trasy, chalky, loosely cemented & crumbly

Lm- Cream Off White, VFXLN, dense, well cemented sl dolomitic Ls, some sctrd reXLN, poorly dev. w/ dense micro XLN porosity, clean & barren

Sh- Drk & Lt Gray, dense & waxy, slick, silty & calcareous

Lm- Cream Off White, FXLN, dense, well cemented, fsl & sl oolitic, poorly dev., mostly tight w/ dense micro XLN porosity

Lm- Tan Cream, VF-FXLN, oolitic, well cemented, sctrd vry fn ppt interoolite porosity, barren, sctrd to dense reXLN

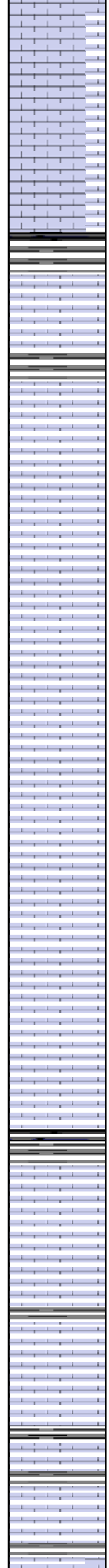
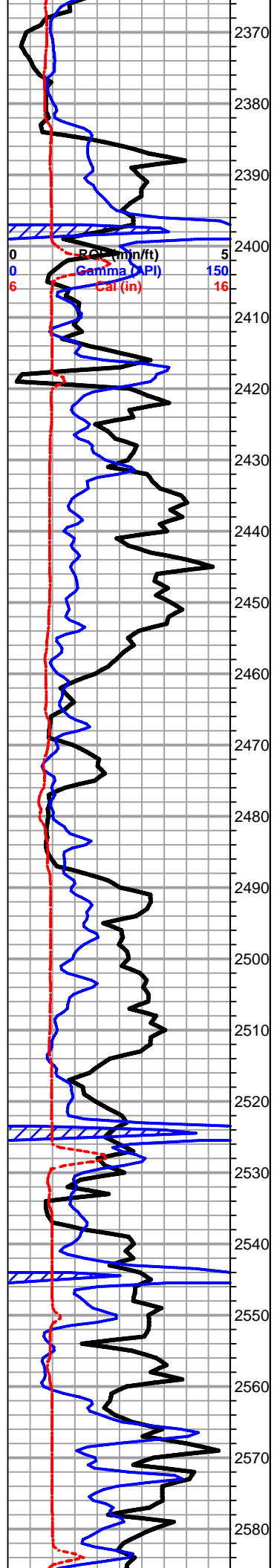
Lm- Gray Buff, VFXLN, dense, vry well cemented, tight w/ min. vis. porosity, sl cherty Ls, sl fsl w/ fusulinids

Lm- Cream Off White, VF-FXLN, dense, well cemented, sctrd reXLN & XLN porosity, few w/ sctrd fn ppt porosity, vry clean & barren

Lm- Cream, FXLN, fsl, poorly dev. w/ sctrd XLN porosity, barren

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

SURVEY 1 dgr.



Lm- Cream Off White, FXLN, dense, well cemented, oolitic, densely packed, sctrd oomoldic w/ partial skeletal dissolution, no intervugular connectivity, barren

2370

Lm- Tan, VFXLN, dense, vry well cemented, cherty like Ls, min. vis. porosity, some sctrd reXLN w/ replacement cementation, barren

2380

2390

Sh- Black Gray Green, fissile & carbonaceous, silty & calcareous, dense & silty

2400

Lm- Drk Gray, VFXLN, dense, vry well cemented, tight w/o vis. porosity

2410

Lm- Cream Off White, VFXLN, dense, well cemented, mostly tight, few w/ sctrd micro XLN porosity, vry clean & barren

2430

Lm- Cream Off White, FXLN, dense, well cemented, some sl chalky, sl fsl, tight w/ poor vis. porosity, vry clean

2440

Lm- Tan Brown, CryptoXLN, vry well cemented w/o vis. porosity

2450

Lm- Cream Off White, FXLN, sl fsl w/ fusulinids, dense XLN porosity, poorly dev., some chalky in part w/ poor vis. porosity

2460

Lm- Cream, FXLN, well cemented & tight w/ dense XLN porosity, mottled, sctrd Crs reXLN & some sctrd replacement cementation, sctrd XLN porosity, barren

2470

2480

Lm- Buff Lt Gray, FXLN, massive, loosely cemented & crumbly, dense reXLN & XLN porosity

2490

Lm- Buff Gray, A/A, better cemenation, mottled & spkld, poor vis. porosity

2500

Lm- A/A

2510

Lm- Tan Gray, VFXLN, dense, vry well cemented, sl cherty Ls, no vis. porosity, trashy

2520

Sh- Black Gray Maroon, fissile & carbonaceous, silty, calcareous & soft

2530

Lm- Tan, FXLN, oomoldic w/ partial to complete skeletal dissolution, no intervugular connectivity, barren

2540

Lm- Cream Off White, VF-FXLN, dense, some chalky in part, loosely to well cemented, mostly tight w/ poor vis. porosity, vry clean

2550

Lm- Cream Off White, FXLN, densely packed small oolites, vry dense XLN porosity, some w/ clear replacement cementation, barren

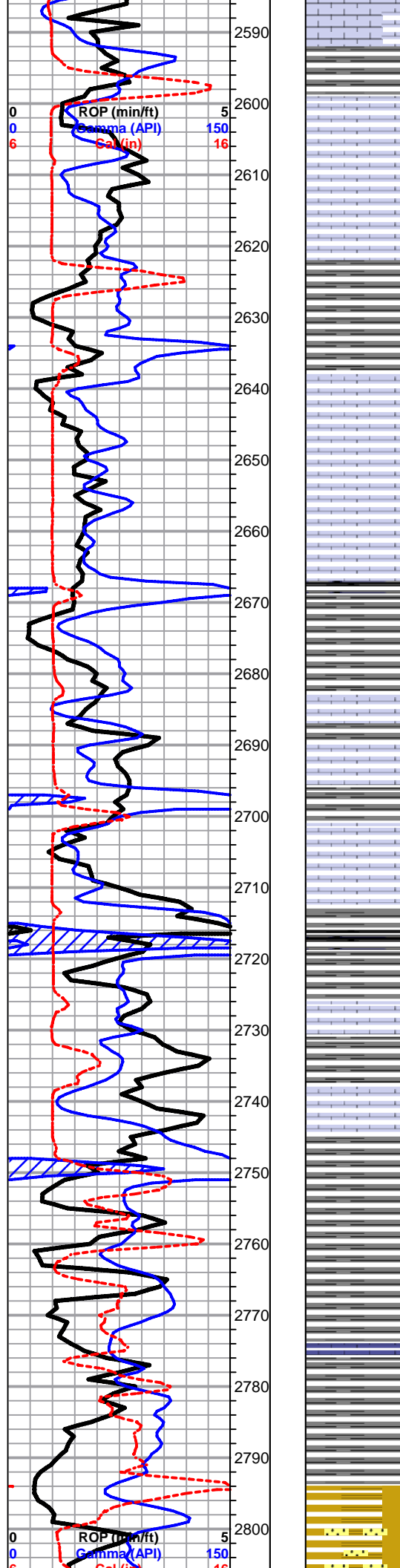
2560

2570

2580

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

Lm- Tan Brown, VFXLN, dense, vry well cemented, high porosity &



Lm- Tan Brown, VFXLN, dense, vry well cemented, high-energy & trashy w/ fsl fragments, dense XLN porosity

Sh- Black Gray, soft & carbonaceous, dense & calcareous, some gummy argillaceous clumps

Lm- A/A

****TOOH FOR HOLE IN PIPE****

Lm- Tan, VFXLN, dense, fsl, poorly dev., mostly tight w/ sctrd micro XLN porosity

Lm- Tan, FXLN, dense, well cemented, sl trashy, bioclastic w/ fsl fragments, dense XLN porosity, sctrd reXLN

Lm- A/A w/ buff VF-FXLN, dense, well cemented, mostly tight w/ sctrd micro XLN porosity

Lm- Vf Grn, dense, chalky in part, loosely cemented mud supported matrix, poor vis. porosity

Sh- Black Gray, fissile & carbonaceous, soft & calcareous, few gummy argillaceous clumps

Lm- Gray, VFXLN, dense, vry well cemented, sl unconsolidated high-energy mix, poor vis. porosity

Lm- Tan Buff, unconsolidated mix of XLN & mud supported, clastic, high-energy w/ fsl fragments, poor vis. porosity

Lm- Buff, FXLN, dense, well cemented, grainy, w/ consistent vis. porosity, barren

Sh- Black Gray, fissile & carbonaceous, gummy argillaceous clumps

Lm- Tan, VF-FXLN, dense, well cemented, sl fsl, mostly tight w/ sctrd to dense XLN porosity

Sh- Gray Lm Green, soft & calcareous, few sl pebbly, dense & waxy

Lm- Cream Off White, FXLN, dense, well cemented, mostly tight, sl fsl, sctrd XLN porosity, few sl chalky in part

Sh- Gray, unconsolidated & fsl, trashy rip up clasts, some soft white chalk

Sh- Lt & Drk Gray, thin silty slivers, calcareous & soft

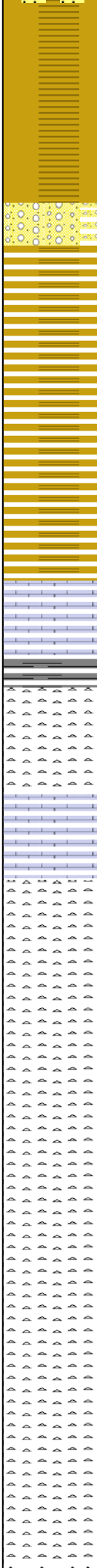
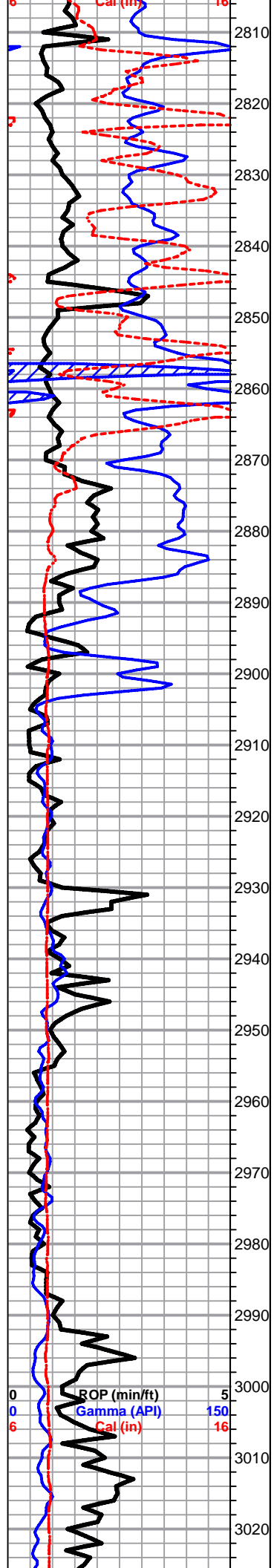
Lm- Gray, Vfn Grn, soft chalky mud supported matrix w/ min. vis. porosity

Sh- Gray Mustard Yellow, soft silty & calcareous

Sh- Mustard Yellow Gray, soft & calcareous, many arenaceous pcs & shaley Ss, unconsolidated & poorly dev.

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100



Sh- A/A w/ influx of mustard yellow

Conglomerate- unconsolidated clastic Ls/cherty Ls/calcareous shales

Sh- A/A w/ black fissile carbonaceous shale

Sh- Mustard Yellow Purple Maroon, gritty & earthy, soft & calcareous

Lm- Cream Off White, FXLN, loosely cemented & crumbly, unconsolidated, few w/ small qtz. inclusions,, barren

MISSISSIPPIAN 2884' (-1559) E-LOG 2903' (-1578) Cher- Gray White Tan, CryptoXLN, most porcelian like vitreous w/o vis. porosity, few pcs of sl dolomitic chert w/ dense XLN porosity, vry clean

Lm- A/A

Chert- White Bone White, fresh bedded sucroisic dolomitic chert, several pcs of vitreous white porcelain like, all vry clean & barren

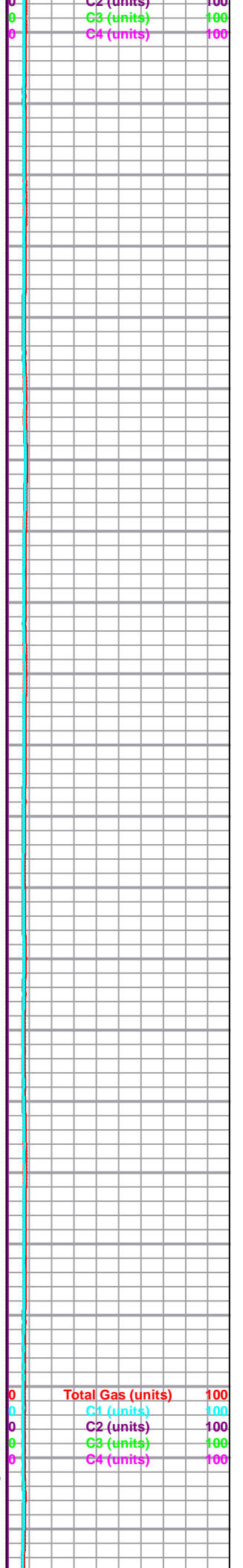
Chert- Gray Cream, reworked, unconsolidated & sl fsl, massive, some sucroisic, sctrd XLN porosity, several pcs of FXLN, sucroisic dolomite, few pcs loosely cemented & friable, all vry clean & barren

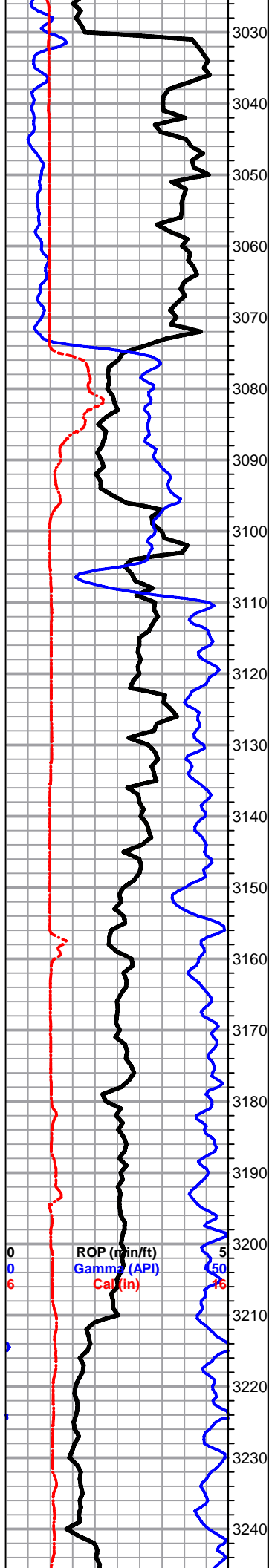
Chert- A/A

Chert- A/A w/ decreasing amount of dolomite & dolomitic chert

Chert- Lt Gray Off White, fresh bedded vitreous chert, porcelain like w/o vis. porosity, opaque

Chert- A/A w/ translucent fresh bedded chert w/o vis. porosity





Lm- Cream Off White, FXLN, fsl & oolitic, densely packed, dense XLN porosity, vry clean & barren

Lm- Cream Off White, loosely cemented crumbly & sl chalky, fsl & oolitic, sctrd XLN porosity, barren

Lm- A/A

KINDERHOOK 3075' (-1750) E-LOG 3074' (-1749) Sh- Gray, silty & calcareous, several argillaceous clumpe

Chert- Brown, vitreous fresh bedded, w/o vis. porosity

Sh- Gray Lm Green, silty & calcareous, silty & soft

Sh- A/A

Sh- A/A, sl sandy

Sh- A/A, lt gray & green, gummy argillaceous clumps

Sh- Lt Gray, silty & calcareous, gummy argillaceous clumps

Sh- abundant argillaceous clumps

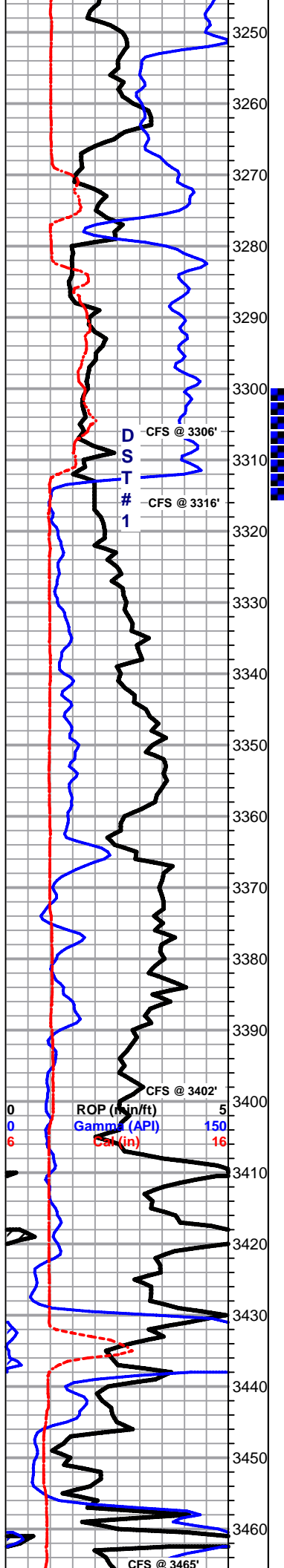
Sh- A/A

Sh- Various dark colored waxy slivers, some gritty & earthy

Sh- A/A

Sh- various dark colored massive dense & waxy shale

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Sh- Lt Gray, silty & calcareous, several argillaceous clumps

Sh- A/A

MAQUOKETA 3300' (-1975) E-LOG 3313' (-1988) Dolomite- Cream Brown, FXLN, dense, well cemented, dense consistent XLN porosity, few pcs sl unconsolidated & spkld., LT TR STN, LT OILY SHEEN, NO SFO, WK HALO TO SLW STRM WET FLOR., SL TR ODR, 1 pc of Crs Ss, angular & immature, mod. cemented, clear w/ vis. euhedral crystals, TR FO UP CRUSH, TR GSY BUBBLES

Dolomite- Cream Gray A/A, dense & well cemented, granular, XLN porosity w/ rare sctrd ppt porosity, TR STN & LT OILY SHEEN, DULL YLW FLOR W/ LT STRM FLOR UPON CRUSH, few pcs of limey dolomite, well cemented & poorly dev. w/ sctrd XLN porosity, few pcs of lt gray sl dolomitic chert, min. vis. porosity

Dolomite- Gray, FXLN, granular, loosely cemented, semi-friable, sl chalky, consistent porosity throughout, TR STN, TR OILY SHEEN, NSFO, TR ODR, WK HALO FLOR.

VIOLA 3342' (-2017) E-LOG 3365' (-2040) Dolomite/Lm- Mix of Med XLN, sl unconsolidated & trashy, loosely cemented & semi-friable w/ sctrd Crs XLN recrystallization, dense interXLN porosity, barren, several pcs of brown FXLN, well cemented, consolidated dolomite w/ some lt Ca cementation, consistent interXLN porosity, barren

Lm- Tan Brown, Med XLN, loosely cemented & friable, granular, some sl chalky, consistent inter XLN porosity, sl unconsolidated & trashy, NO SHOW/STN

****LOST RETURNS @ 3402', REGAINED & RESUMED DRILLING OPERATIONS****

POOR SAMPLE QUALITY DUE TO TRIPPING OUT WHILE REGAINING RETURNS

****HIGHLY CONTAMINATED SAMPLES W/ MISS. CHERT, MAQ. DOLOMITE & VARIOUS SHALES (~90% OF SAMPLE IS CARRYOVER)****

SIMPSON SHALE 3421' (-2096) E-LOG 3431' (-2106) Sh- Mint Green, dense & waxy, pebbly, silty & calcareous

Carryover Dolomite- Brown Tan, Med-Crs XLN, well cemented, poorly dev. w/ sctrd XLN porosity, some mostly translucent w/ vis. rhombs w/in matrix & micro XLN porosity, 2-3 Gray Fn Grn Ss clusters, immature, angular to sub-angular, heavily micaceous & unconsolidated, well cemented, dense gray shale w/in porosity, barren, several pcs of FXLN sucrosic brown dolomite w/ consistent interXLN porosity, loosely cemented, barren (probably Maquoketa carryover)

3465' 40"- Considerable carryover A/A, 4-6 Clear to sl frosted Ss clusters, Fn Grn, mostly consolidated, varying cementation from min. & friable to dense well dolomitic cementation, all sub rounded, mature &

SHORT TRIP
CTCH 1.5 HRS
SURVEY 1 DGR
STRAP -1.79'

DST #1
MAQUOKETA
3301' - 3316'
30-60-30-60

SEVERE PLUGGING
10' MUD

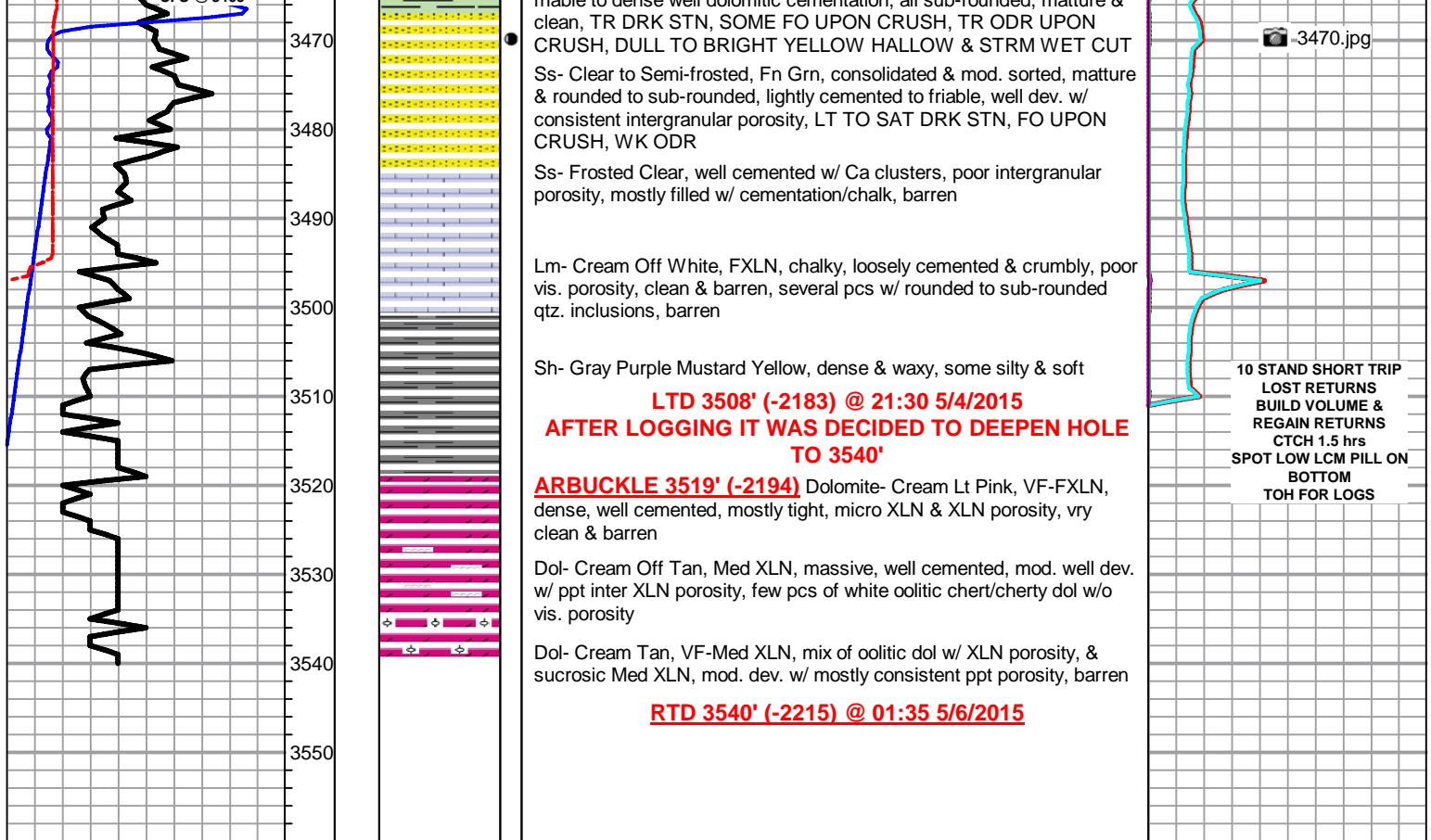
IFP: 26-37#
FFP: 28-67#
SIP: 1448-595#

3616_1.jpg

3616_2.jpg

3334.jpg

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



3616_1.jpg









3570' x 25

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

September 15, 2015

Claire Keneally
Chisholm Partners II, LLC
1010 10TH ST
GOLDEN, CO 80401

Re: ACO-1
API 15-113-21376-00-00
Evans 9-1
SE/4 Sec.09-17S-03W
McPherson County, Kansas

Dear Claire Keneally:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 4/28/2015 and the ACO-1 was received on September 14, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department