

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 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](mailto: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
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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
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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:	
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## DRILL STEM TEST REPORT

Prepared For: **Coachman Energy Operating Comp. LLC**

1125 17th st. Suite 410  
Denver, CO 80202

ATTN: Bruce Ard

**Holcomb #1-7-14-34**

**7-14s-34w Logan,KS**

Start Date: 2016.05.25 @ 13:25:16

End Date: 2016.05.25 @ 20:28:16

Job Ticket #: 61856                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.05.26 @ 09:47:54



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Coachman Energy Operating Comp. LLC

**7-14s-34w Logan,KS**

1125 17th st.Suite 410  
Denver, CO 80202

**Holcomb #1-7-14-34**

ATTN: Bruce Ard

Job Ticket: 61856

**DST#: 1**

Test Start: 2016.05.25 @ 13:25:16

## GENERAL INFORMATION:

Formation: **Ft Scott - Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:25:31

Time Test Ended: 20:28:16

Test Type: Conventional Straddle (Initial)

Tester: Shane McBride

Unit No: 84

**Interval: 4415.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Reference Elevations: 3040.00 ft (KB)

Total Depth: 4590.00 ft (KB) (TVD)

3035.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 9120 Outside**

Press@RunDepth: 58.72 psig @ 4416.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.05.25

End Date:

2016.05.25

Last Calib.:

2016.05.25

Start Time: 13:25:16

End Time:

20:28:16

Time On Btm:

2016.05.25 @ 15:25:16

Time Off Btm:

2016.05.25 @ 18:27:16

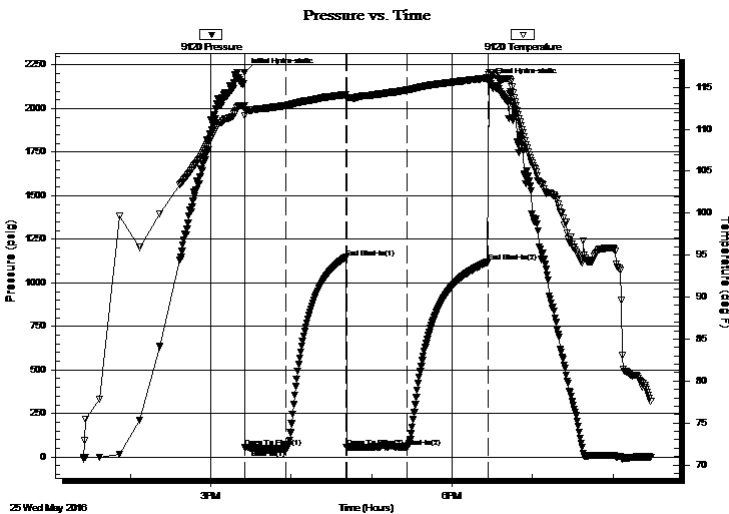
TEST COMMENT: Surface blow died in 12 min

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.42	112.84	Initial Hydro-static
1	55.96	111.61	Open To Flow (1)
31	47.37	112.80	Shut-In(1)
76	1145.42	114.12	End Shut-In(1)
76	56.98	113.65	Open To Flow (2)
121	58.72	114.66	Shut-In(2)
182	1120.47	116.10	End Shut-In(2)
182	2148.00	116.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%M	0.02

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Coachman Energy Operating Comp. LLC

**7-14s-34w Logan,KS**

1125 17th st.Suite 410  
Denver, CO 80202

**Holcomb #1-7-14-34**

Job Ticket: 61856

**DST#: 1**

ATTN: Bruce Ard

Test Start: 2016.05.25 @ 13:25:16

## Tool Information

Drill Pipe:	Length: 4300.00 ft	Diameter: 3.80 inches	Volume: 60.32 bbl	Tool Weight:	3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 60.91 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4415.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	4459.00 ft				
Interval between Packers:	44.00 ft				
Tool Length:	172.00 ft				
Number of Packers:	3	Diameter:	6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4388.00	
Shut In Tool	5.00			4393.00	
Hydraulic tool	5.00			4398.00	
Jars	5.00			4403.00	
Safety Joint	3.00			4406.00	
Packer	5.00			4411.00	28.00 Bottom Of Top Packer
Packer	4.00			4415.00	
Stubb	1.00			4416.00	
Recorder	0.00	9120	Outside	4416.00	
Recorder	0.00	8353	Inside	4416.00	
Perforations	5.00			4421.00	
Change Over Sub	1.00			4422.00	
Drill Pipe	32.00			4454.00	
Change Over Sub	1.00			4455.00	
Blank Off Sub	1.00			4456.00	
top of s.packer	3.00			4459.00	44.00 Tool Interval
Packer	0.00			4459.00	
Stubb	1.00			4460.00	
Anchor	1.00			4461.00	
Change Over Sub	1.00			4462.00	
Recorder	0.00	8938	Below	4462.00	
Drill Pipe	93.00			4555.00	
Change Over Sub	1.00			4556.00	
Bullnose	3.00			4559.00	100.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>172.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coachman Energy Operating Comp. LLC

**7-14s-34w Logan, KS**

1125 17th st. Suite 410  
Denver, CO 80202

**Holcomb #1-7-14-34**

Job Ticket: 61856

**DST#: 1**

ATTN: Bruce Ard

Test Start: 2016.05.25 @ 13:25:16

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

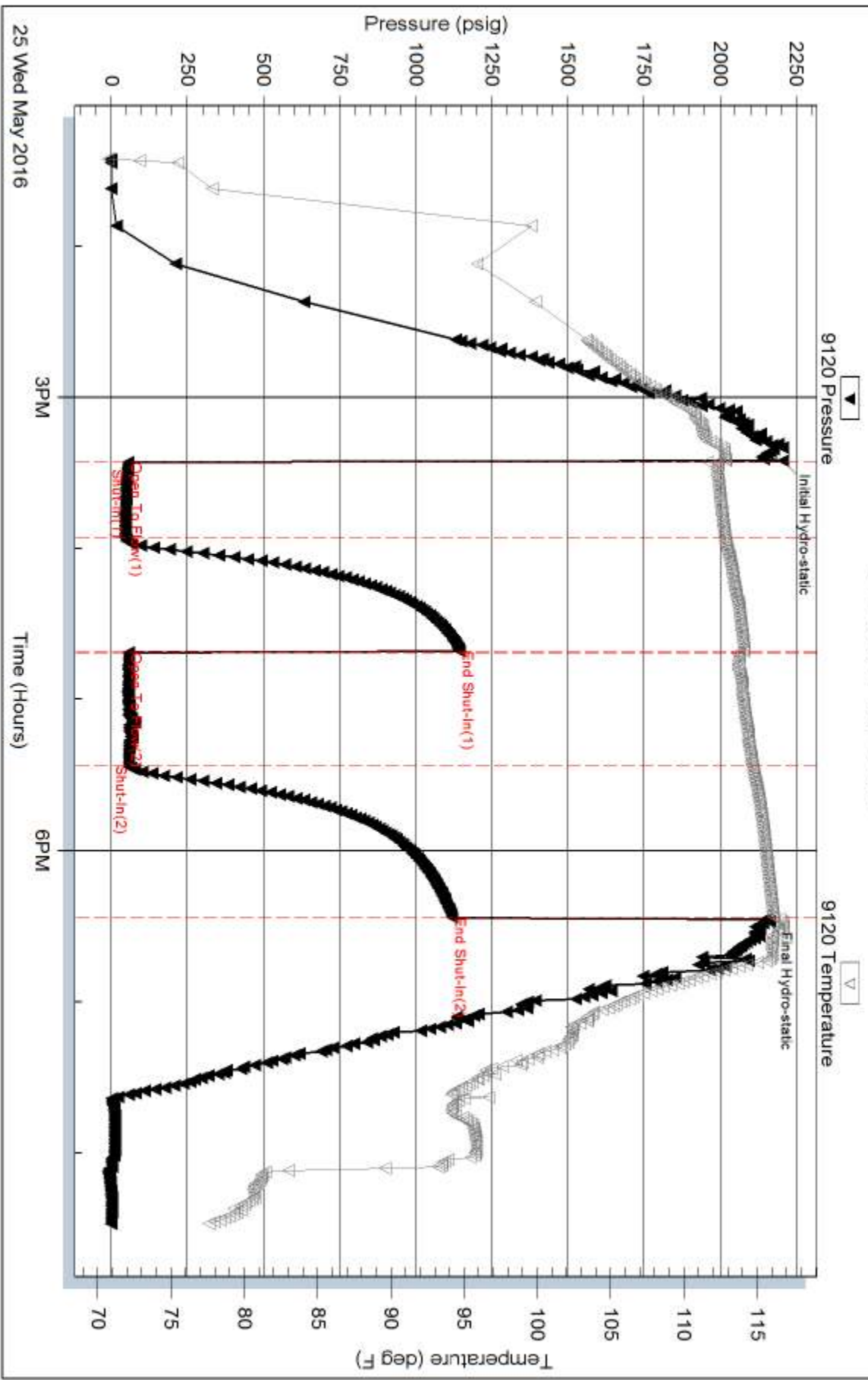
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



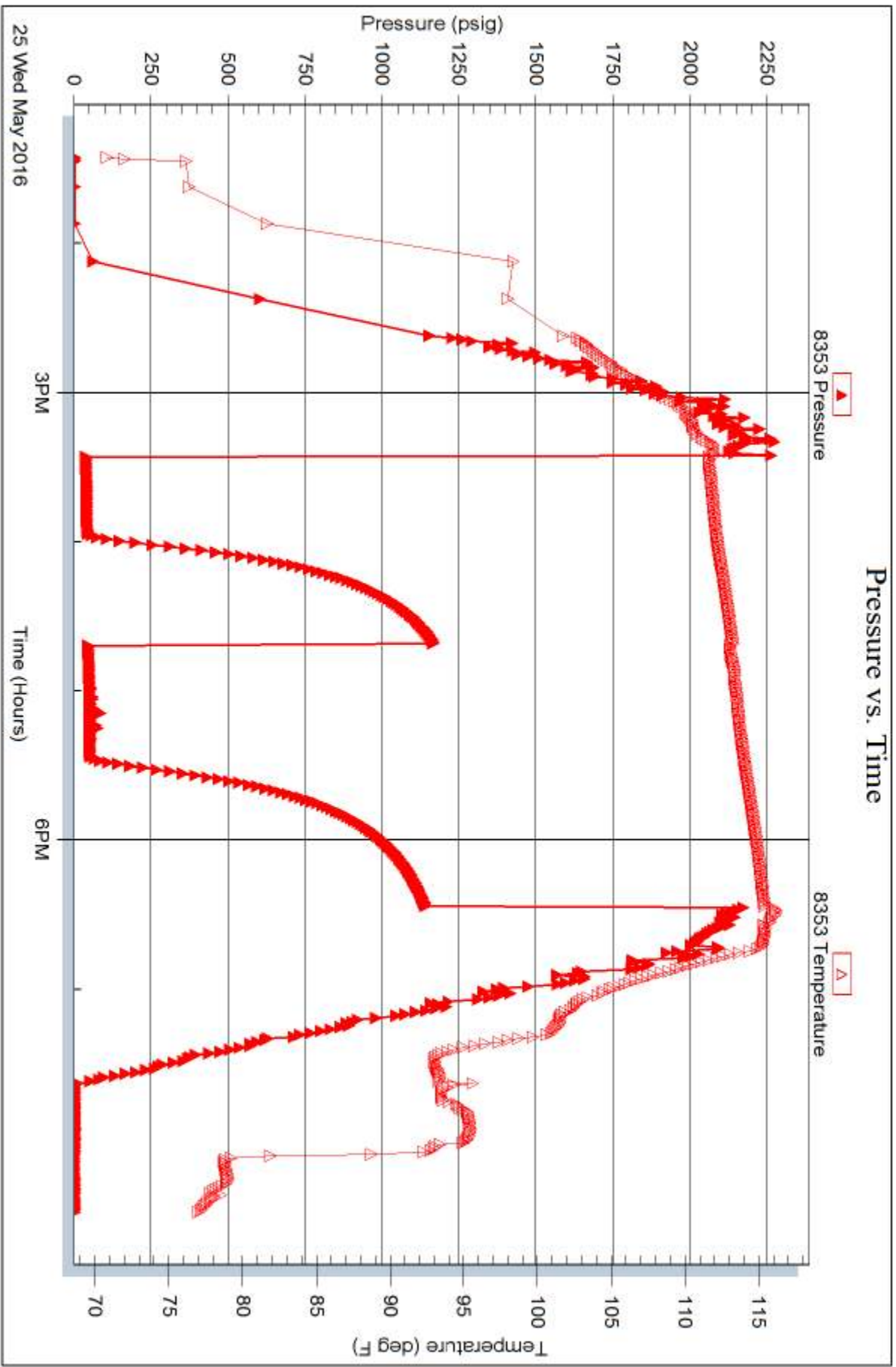
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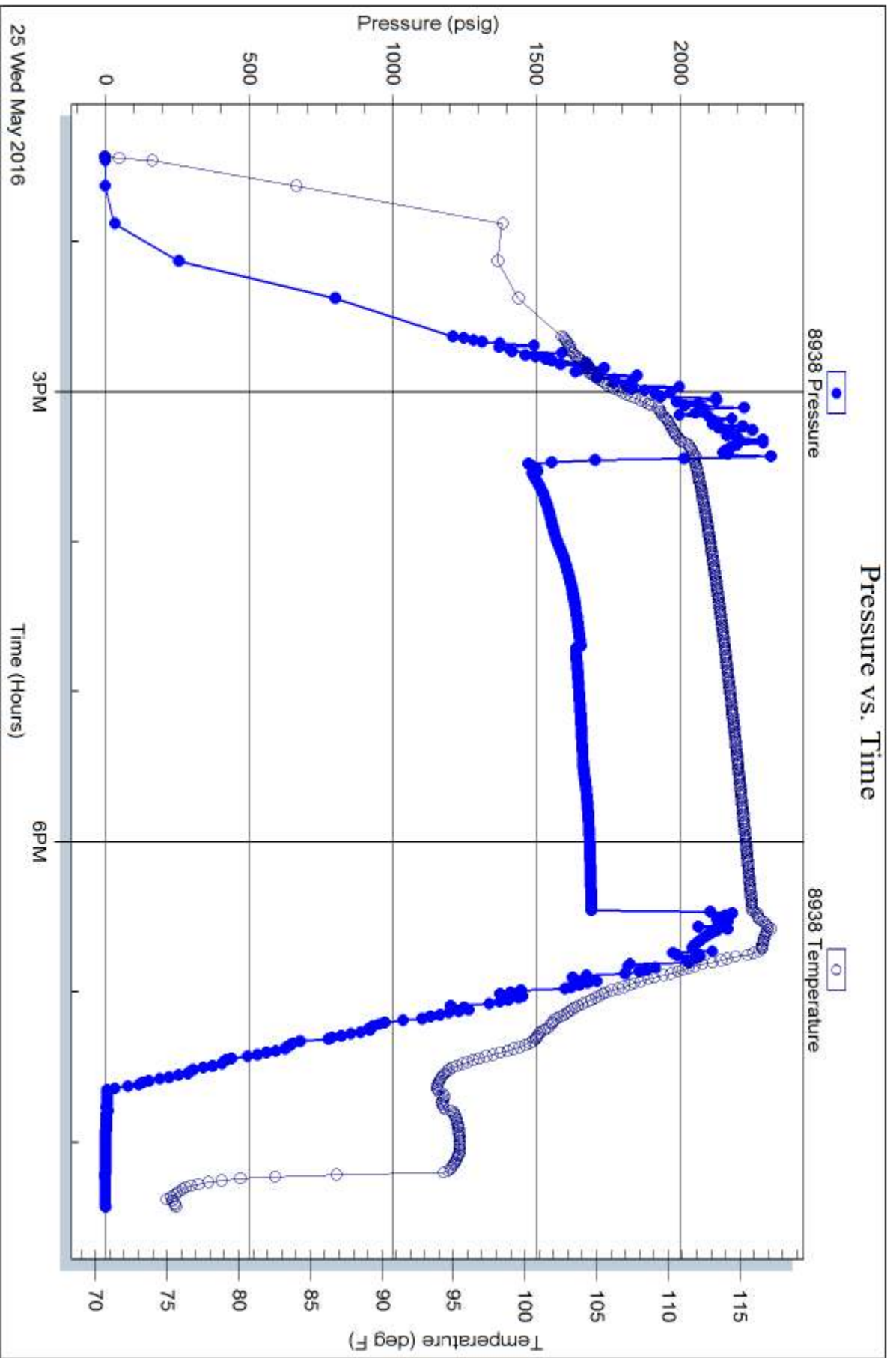
Inside

Coachman Energy Operating Comp. LLC

Holcomb #1-7-14-34

DST Test Number: 1





# COACHMAN ENERGY OP. CO. LLC

1125 17th Street - Suite 410  
Denver, CO 80202 - 2025

Contact: Ben Jackson: 303-931-7368  
Neyeska Mut : 303-297-2200

Ks. Operator License # 35300

Op. Manager : Frank Canepa: 303-478-0292  
Drilling Consultant: Justin Hamlin: 620-544-5981

## Well Information

Well Name: Holcomb 1-7-14-34  
Location: Sec. 07 - T14S - R34W  
545' FSL & 430' FWL  
SW - SW - SW  
County: Logan County, Kansas  
Field: TBD  
API#: 15-109-21461-00-00

KB Elevation: 3040'  
Ground Elevation: 3035'  
Spud Date: 05/19/2016  
TD Date: 05/26/2016  
Rig Total Depth: 4700'  
Logger Total Depth: 4739'  
Formation: Mississippian

Surface Casing: 211' of 8 5/8" set @ 218' KB

Drilling Fluid Type: Chemical/Fresh Water Gel

## Logged By

# Ard Consulting Services Bruce B. Ard

6000 10th Street  
Great Bend, KS 67530

Geologist: Bruce B. Ard

KPG# 220

Phone Number: 620-357-1849

## Drilling Contractor

Contractor: W&W Drilling  
Address: 233 So. 4th St  
Wakeeney, KS 67672  
Ph Number : 785-743-6774

Rig #: 10  
Rig Phone Number: 785-259-4570  
Tool Pusher: Rick Hilgers  
Pushers Number: 785-743-8492

## Notes

After review of the Open Hole Logs, DST Results & Geological Log, it was recommended and agreed upon by all interested parties to cease drilling operations on the Holcomb 1-7-14-34 to plug and abandon as a dry hole.

The drilling samples were saved and delivered to the Kansas Geological Survey Sample Library, located in Wichita Kansas, where they will be available for review.

Respectfully Submitted, Bruce B. Ard - KPG# 220

# Coachman Energy Operating Co. LLC

## DAILY DRILLING REPORT

DATE	7:00 AM DEPTH	Last 24 Hour Operations
5/21/2016	3030	displaced @ 3383, call depth @ 3400, arrive on location 3530, drilling ahead, Lower Topeka @

3630, drilling ahead

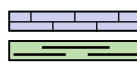

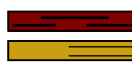
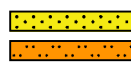




5/22/2016	3700	King Hill @ 3740, Queen Hill @ 3800, Heebner @ 3852, Lansing @ 3904, circ 30 min @ 3930, circ @ 3960, circ @ 3996, short trip, TOH, TIH
5/23/2016	4090	TIH, CTCH, resume drilling, circ @ 4029, Muncie Creek @ 4074, circ @ 4110, circ @ 4140, circ @ 4170, circ @ 4193, circ @ 4210, BKC @ 4248, circ @ 4250, circ @ 4274, Marmaton @ 4290, drilling
5/24/2016	4390	circ @ 4344, Altamont @ 4346, circ @ 4490 for samples & to condition hole for short trip & deviation survey, drop survey, strap out, trip in CTCH, resume drilling, Fort Scott @ 4420, Upper Cherokee @ 4438, circ @ 4440, Lower Cherokee @ 4471, circ @ 4494
5/25/2016	4575	Johnson zone @ 4520, CFS & DST #1 @ 4590, short trip, CTCH, drop survey, TOH, TIH, testing, TOH TIH, CTCH, resume drilling, Morrow @ 4586
5/26/2016	4700	Mississippian @ 4638, circ @ 4640, Total Depth @ 4740, CTCH, short trip, CTCH, TOH for electrical logs, rig up loggers, logging, evaluate e-logs, rig down loggers, after evaluation of Electrical logs DST results and Geological report, it was recommended and agreed upon by all interested parties to cease drilling operations on the Holcomb 1-7-14-34 test well to plug and abandon as a dry hole, off location, return to Great Bend, Ks office
5/26/2016		finish and complete Geological Report for distribution

# Coachman Energy Operating Company, LLC

## WELL COMPARISON SHEET

DRILLING WELL					COMPARISON WELL				COMPARISON WELL			
Holcomb 1-7-14-34					Gordon # 1				Bouziden "B" # 1			
545" FSL & 430" FWL					NW - NE - NE				SE - NW - NE			
Sec. 07 - T14S - R34W					Sec. 07 - T14S - R34W				Sec. 36 - T13S - R34W			
3040 KB					3016 KB				2911 KB			
					Structural Relationship				Structural Relationship			
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite	2425	615	2426	614	2399	617	-2	-3	2309	602	13	12
Base Anhydrite	2445	595	2446	594	2421	595	0	-1	2330	581	-7	13
Lower Topeka	3630	-590	3636	-596	3610	-594	4	-2	3506	-595	5	-1
King Hill	3740	-700	3740	-700	3725	-709	9	9	3618	-707	7	7
Queen Hill	3800	-760	3798	-758	3779	-763	3	5	3683	-772	12	14
Heebner	3852	-812	3851	-811	3836	-820	8	9	3737	-826	14	15
Toronto	3873	-833	3874	-834	3853	-837	4	3	3756	-845	12	11
Lansing	3904	-864	3906	-866	3878	-862	-2	-4	3789	-878	14	12
Muncie Creek	4074	-1034	4074	-1034	4051	-1035	1	1	3953	-1042	8	8
BKC/Pleasanton	4248	-1208	4244	-1204	4222	-1206	-2	2	4117	-1206	-2	2
Marmaton	4290	-1250	4288	-1248	4269	-1253	3	5	4166	-1255	5	7
Altamont	4346	-1306	4337	-1297	4309	-1293	-13	-4	4214	-1303	-3	6
Pawnee	4384	-1344	4378	-1338	4358	-1342	-2	4	4258	-1347	3	9
Fort Scott	4420	-1380	4416	-1376	4394	-1378	-2	2	4297	-1386	6	10
Upper Cherokee	4438	-1398	4436	-1396	4413	-1397	-1	1	4316	-1405	7	9
Lower Cherokee	4471	-1431	4468	-1428	4449	-1433	2	5	4348	-1437	6	9
Johnson zone	4514	-1474	4514	-1474	4499	-1483	9	9	4397	-1486	12	12
Morrowian	4586	-1546	4582	-1542	4560	-1544	-2	2	4462	-1551	5	9
Mississippian	4638	-1598	4637	-1597	4642	-1626	28	29	4523	-1612	14	15
Total Depth	4740	-1700	4739	-1699	4741	-1725	25	26	4605	-1694	-6	-5

### ROCK TYPES

	Lmst fw7> shale, grn		shale, gry		shale, red		Ss
	Carbon Sh		Carbon Sh		Shcol		Slst

### ACCESSORIES

#### MINERAL

- Argillaceous
- ⊥ Calcareous
- ▲ Chert, dark
- P Pyrite
- Sandy
- Silty

#### FOSSIL

- F Fossils < 20%
- ⊕ Oolite
- ⊕ Oomoldic

#### STRINGER



- Shale

#### TEXTURE

- C Chalky








### OTHER SYMBOLS

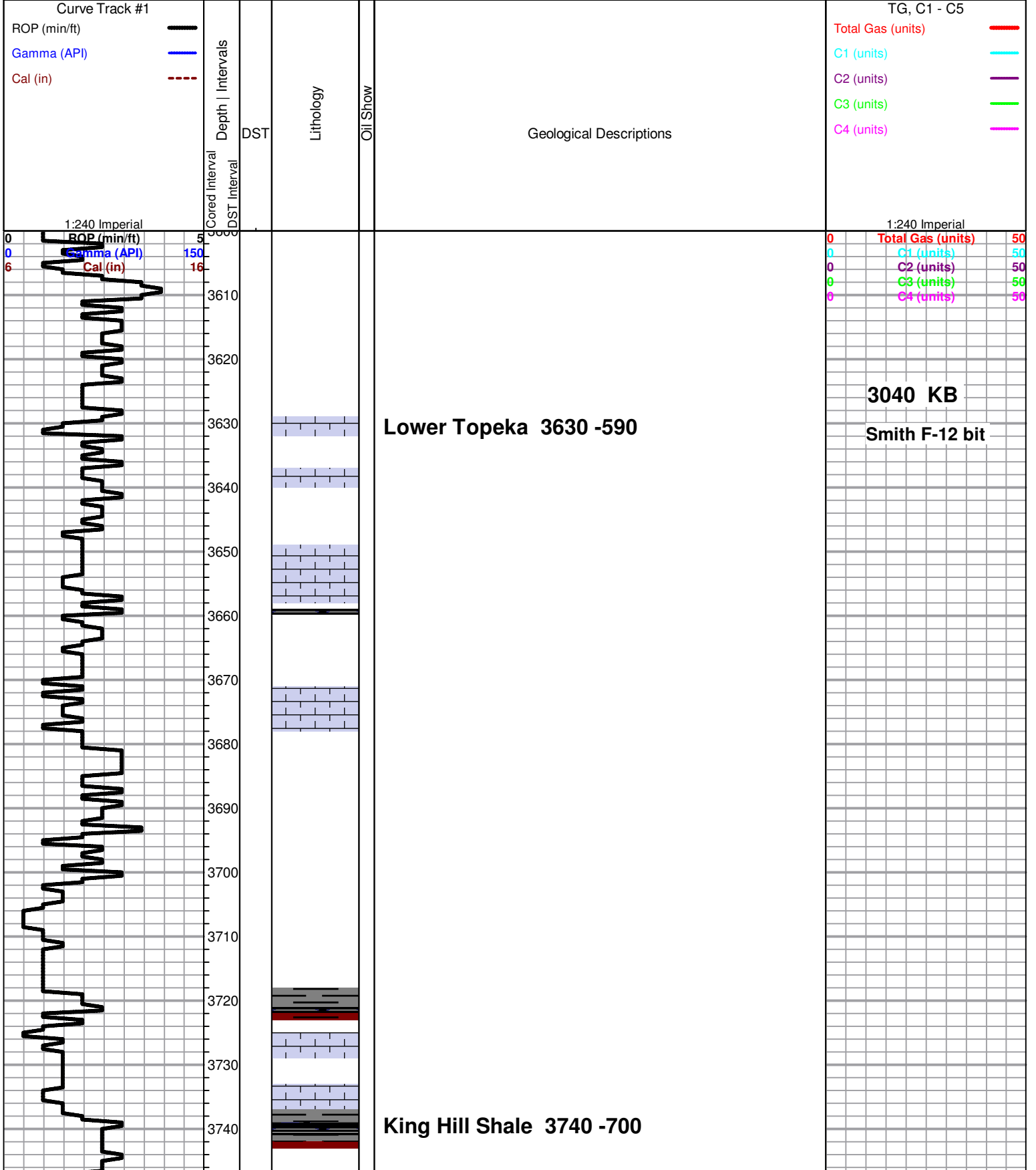
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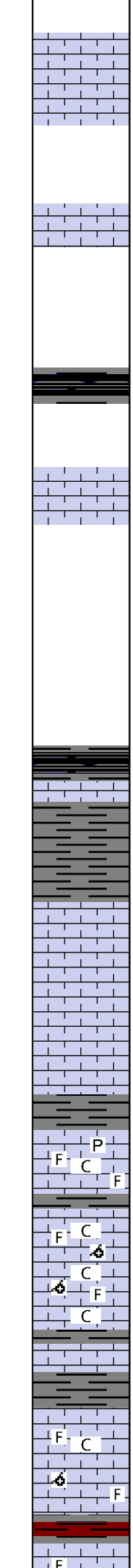
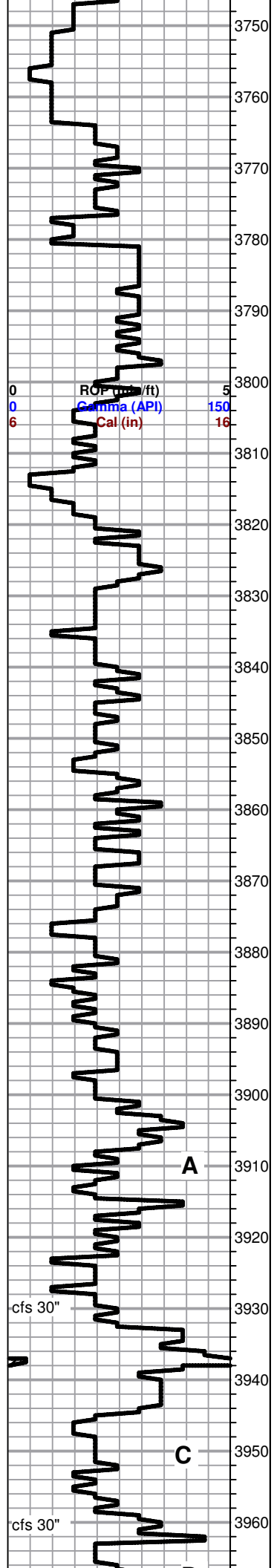
-  Daily Report
-  Digital Photo

#### DST

-  DST Int
-  DST alt

-  Document
-  Folder
-  Link
-  Vertical Log File
-  Horizontal Log File
-  Core Log File
-  Drill Cuttings Rpt





**Queen Hill 3800 -760**

**Heebner 3852 -812**

**Toronto 3873 -833**

**Lansing 3904 -864**

limestone, lt crm-tan, dse, sli chlky, rextalzed, fos, scatt fos por, trc pyrite, ns noted, limestone, lt gry-wht, dse, sli chlky, sli rextalzed, scatt fos por, ns noted

limestone, wht-lt crm,dse, sli fos/ooc, rextalzed, pscatt por, wht chlk, ns noted

same

limestone, lt gry-crm, dse, sli rextalzed, sli fos, sli chlky, pscatt por, ns noted, sli incr sh

limestone, lt gry-tan to wht-lt crm, dse, xtaln, sli rextalzed, fos/ooc, pvls por, ns noted, incr rd sh

limestone, lt crm-tan, dse, sli chlky, rextalzed, sli fos/ooc, pvls por, ns

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

cfs 30"

cfs 30"

A

C

F C P

F C

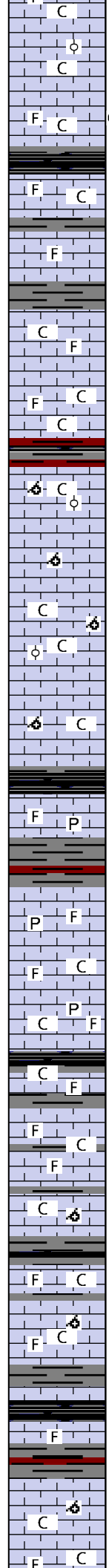
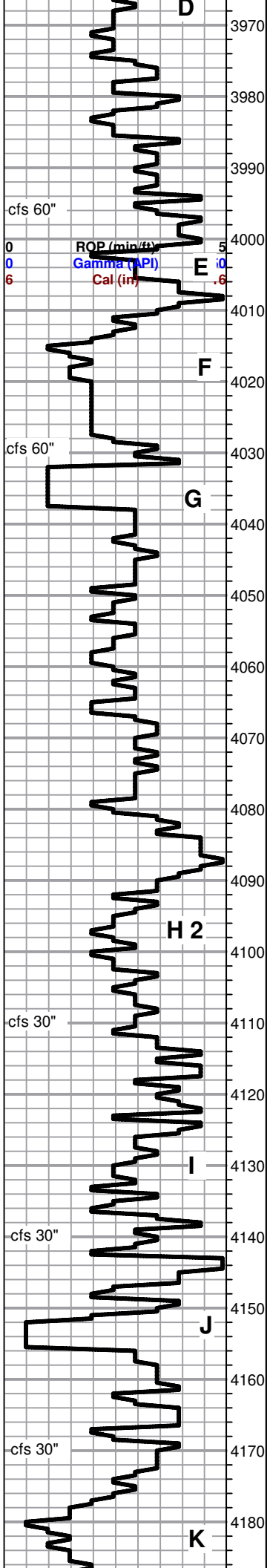
F C

F C

F C

F





noted

same, lt crm-tan to crm-gry, sli chlky, ns noted

limestone, lt gry-wht, dse, sli chlky, sli rextalzed, sli fos, pvls por, few spls w/questionable trc stn, no odor or free oil noted

limestone, lt gry-crm, dse, xtaln, sli rextalzed, sli fos, sli chlky, incr blk carb sh

**Resume drilling @ 0100 hrs on 05-23-2016**

limestone, lt crm-gry, dse, xtaln, sli rextalzed, sli fos, pvls por, ns noted, abdt vcs

limestone, lt gry-crm to gry, xtaln, sli chlky, sli rextalzed, sli fos, pvls por, ns noted

limestone, wht-lt crm, dse, chlky, sli rextalzed, sli fos, pvls por, ns noted, wht chl, influx dk gry-blk & rd sh

limestone, lt crm-crm, dse, sli chlky, rextalzed, ooc/ool, gd vis ooc/ool por, ns noted wht chl

same, less vis por, incr sli ooc/fos, scatt por, ns noted, less chl

limestone, lt gry to gry-crm, dse, sli chlky, xtaln, sli rextalzed, scatt ooc/fos, less vis por, ns noted

limestone, lt gry-wht to gry-crm, dse, sli chlky, xtaln, trc fos, pvls por, few scatt ooc, ns noted

**Muncie Creek**

blk carb sh influx, limestone, lt crm to crm-gry, dse, xtaln, sli rextalzed, sli fos, sli pyritic, pvls por, ns noted

limestone, lt gry-wht, dse, xtaln, sli fos, sli rextalzed, sli pyritic, pvls por, few scatt, ns noted

same, sli incr chl

blk carb sh

limestone, lt gry-wht to gry-crm, dse, chlky, rextalzed, fos, pvls por, ns noted

limestone, lt crm-gry, dse, fxtaln, sli rextalzed, sli fos, pvls por, few scatt fos por, ns noted

same, few lt crm ooc w/gd vis por, ns noted

blk-gry sh

limestone, lt crm-gry, dse, sli rextalzed, sli fos, sli chlky, pvls por, ns

limestone, lt crm, dse, rextalzed, ooc, trc chlky, gd vis por, ns noted

limestone, lt crm-gry to gry-crm, dse, xtaln, sli rextalzed, sli fos, some sli chlky, scatt fos por to pvls por, ns noted

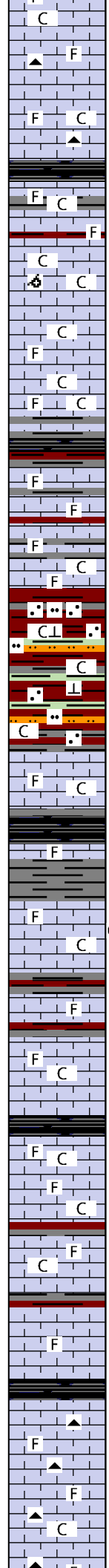
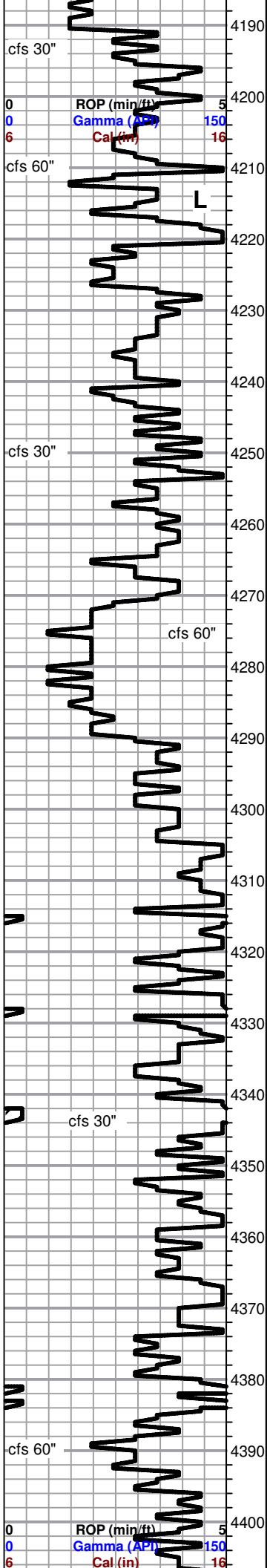
blk carb sh

abdt gry & rd sh

limestone, lt gry, dse, chlky, rextalzed, ooc, fair vis ooc por, ns noted, abdt wht chl

**short trip @ 3996**

0	Total Gas (units)	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50



limestone, lt crm to gry-crm, dse, xtaln, sli fos, pscatt por, abdt wht chlk

limestone, lt gry-wht, dse, fxtaln, sli rextalzed, sli fos, sli chlky, sli chrt, lt gry-wht, pvls por, ns noted

limestone as above, sli incr chlk & sh

blk carb sh

limestone, lt gry-crm, dse, sli chlky, sli rextalzed, sli fos, pvls por

limestone, lt crm, dse, chlky, ooc, sli rextalzed, scatt vis por, ns noted

limestone, lt gry-crm, dse, xtaln, sli fos, sli chlky, less vis por, ns

limestone, lt crm-gry, dse, chlky, sli rextalzed, sli fos, pvls por, some scatt fos por, ns noted

**BKC 4248 -1208**  
incr vcs, gry, blk, rd

limestone, dk crm-gry, dse, xtaln, sli rextalzed, sli fos, pvls por, ns

limestone, lt gry-crm aa, sli chlky, sli incr sh, ns noted

lg influx rd to rdish-brn, sli sdy, silty, chlky matl

rd matl, sli sdy, shly, denser, sli calc

gry & grn-gry matl, soft, mushy, silty, chlky, marly, little to no sd

**Marmaton 4290 -1250**

limestone, crm to tan, dse, fxtaln, sli rextalzed, sli fos, sli chlky, pvls por, ns noted

blk carb sh

incr sh, limestones aa

limestone, lt crm-gry, dse, xtaln, sli rextalzed, sli fos, sli chlky, pvls por, 2 spl w/dk fo specks vis, sli incr w/brkn, fo does not fluor, no odor noted

limestone, lt gry-crm, dse, xtaln, sli rextalzed, trc fos, vp vis por, ns

limestone, lt gry-wht, dse, sli chlky, trc fos, sli rextalzed, pvls por, ns, incr sh

**Altamont 4346 -1306**

limestone, lt gry & lt crm, dse, rextalzed, chlky, fos, pvls por, ns noted, incr vcs, rd, gry, grn, blk

limestone aa, less chlky, sli fos, pvls por, ns noted

limestone, gry, dse, fxtaln, sli rextalzed, trc fos, vpvis por, ns noted

**Pawnee 4384 -1344**

limestone, lt crm to crm-gry, dse, fxtaln, sli rextalzed, sli fos, pvls por, ns noted, chert, lt gry trans

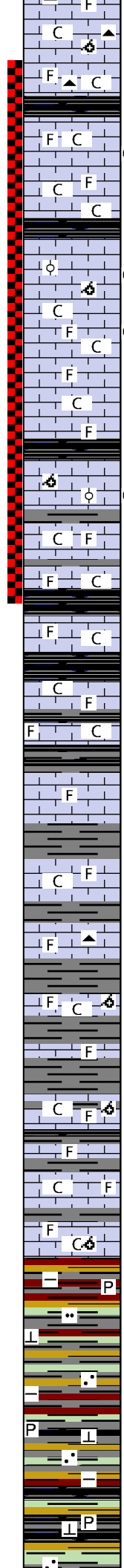
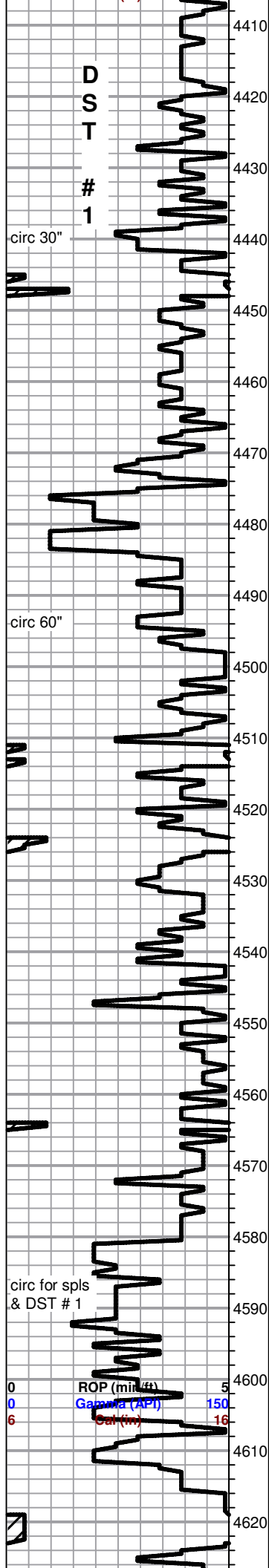
**Resume drilling @ 1645 hrs on 05-24-2016**

limestone, lt & dk gry to gry-crm, dse, fxtaln, sli rextalzed, trc chlky, trc fos, pvls por, ns noted, lt gry trans chert aa

0	<b>Total Gas (units)</b>	50
0	C1 (units)	50
0	C2 (units)	50
0	C3 (units)	50
0	C4 (units)	50

**Bit trip: .58 ft short**  
**Dev survey: 1.75 deg**

0	<b>Total Gas (units)</b>	50
0	C1 (units)	50
0	C2 (units)	50



limestone, lt & dk gry-crm, dse, sli chlky, xtaln, sli rextalzed, sli fos/oc, pvls por ns noted, lt gry chert aa, sli incr vcs

**Ft. Scott 4420 -1380**

limestone, lt gry to lt gry-crm, dse, sli rextalzed, sli fos, sli chlky, pscatt por, few spls w/dk fo specks vis, sli incr w/brkn

limestone, lt gry-wht to gry-crm, dse, chlky, sli fos, pvls por ns noted

**Upper Cherokee 4438 -1398**

limestone, lt crm to dk crm, vdse, rextalzed, xtaln, ooc, w/pvls por, fo specks vis, incr fo w/trc gas bubble, ft odor w/brkn

limestone, wht-lt gry, dse, chlky, sli rextalzed, trc fos, scatt fos por, dk stn & fo vis, incr fo, trc gas bubble & ft odor w/brkn

limestone, lt & dk crm-gry, dse, sli chlky, sli rextalzed, sli fos, pvls por, ns noted

same, incr sh

**Lower Cherokee 4471 -1431**

limestone, dk crm-tan, dse, xtaln, sli rextalzed, ooc, w/scatt ooc por, stn & fo vis in por, incr fo, trc gas, fair odor w/brkn, sheen in cup

limestone, lt crm-gry, dse, chlky, sli rextalzed, sli fos, pvls por, ns

limestone, lt gry to wht-crm, dse, chlky, xtaln, sli fos, pvls por, ns blk carb sh

limestone, lt gry & lt crm, dse, sli rextalzed, sli chlky, sli fos, pvls por, ns noted

limestone, lt gry-crm, dse, sli chlky, sli rextalzed, trc fos, pvls por, ns noted

**Johnson zone 4514 -1474**

limestone, lt gry-wht to gry-crm, dse, xtaln, sli rextalzed, sli fos, pvls por, ns noted

limestone, crm-gry, dse, xtaln, sli rextalzed, sli fos, sli chlky, pvls por, ns noted

limestone, dk crm to tan, dse, fxtaln, sli rextalzed, trc fos, vpvl por, lt crm to tan trans chert, ns noted

limestone, lt gry-wht, dse, chlky, sli rextalzed, ooc/fos, pvls por, ns noted, wht chlky

limestone, lt crm-gry, dse, chlky, sli rextalzed, sli ooc/fos, pvls por ? dos, wht chlky

limestone, lt crm-gry, dse, sli chlky, sli rextalzed, sli fos, pvls por, ns noted

limestone, lt gry-crm, dse, sli rextalzed, sli fos/oc, sli chlky, pvls por, ns noted, few rd sh in circ spls

**Morrow 4586 -1546**

Resume drilling @ 2300 hrs on 05-25-2016

vari colored shales, rd, grn, yel, olive drab, blk, gry, some argil, calc, pyritic, silty, sdy

gry sh, argil, rd sh, silty

olive drab, sli calc

blk sh, pyritic

grn sh, vcalc, sli sdy, dse

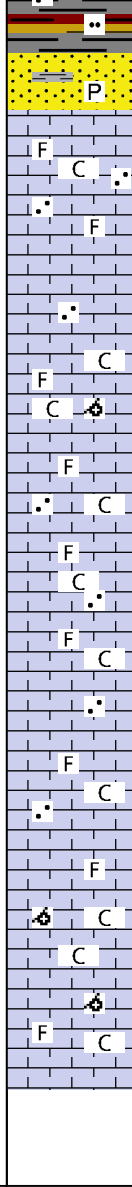
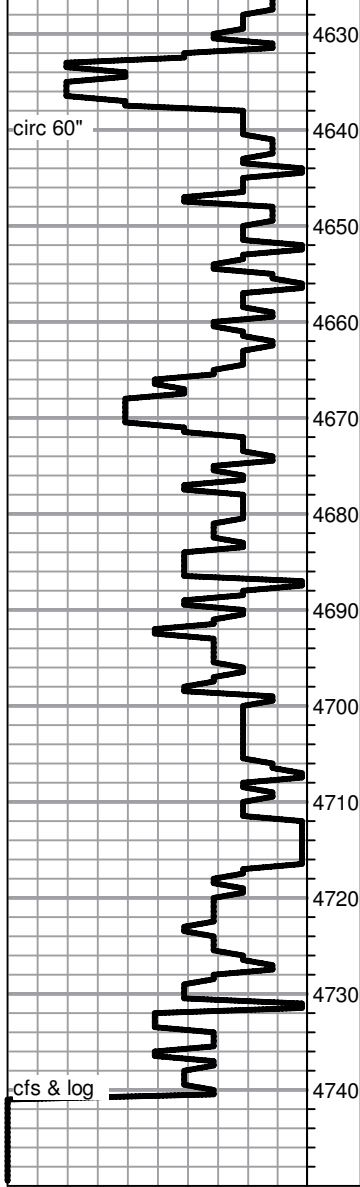
0 C3 (units) 50  
0 C4 (units) 50

DST #1-Holcomb 1-7.jpg

**DST # 1 4415-90 Straddle**  
Times: 30-45-45-60  
IF: surf blow - died 12", NR  
FF: no blow - no return  
Rec: 5 ft mud  
IFP: 55-47# ISIP: 1145#  
FFP: 56-58# FSIP: 1120#

Dev survey: 2.25 deg

0 Total Gas (units) 50  
0 C1 (units) 50  
0 C2 (units) 50  
0 C3 (units) 50  
0 C4 (units) 50



sandstone, wht clstrs, calc, vf rnded, clear qtz, ns noted sandstone, gry clstrs, non-calc, f-lg sub-ang, clear qtz, trc pyritic, blk sh inclusions, ns noted

**Mississippian 4638 -1598**

limestone, lt crm to crm-gry, dse, xtaln, sli rextalzed, sli fos, sli chlky, pvls por, ns noted

limestone aa, incr lt gry, vf, vcalc sdy limestone, pvls por, ns noted

same, less sd, incr limestone aa

limestone, lt gry-crm, mottled, dse, chlky, sli xtaln, rextalzed fos/oc pvls, scatt fos por, ns noted

limestone, lt crm-wht, dse, sli vf sdy, chlky, fxtaln, sli rextalzed, rextalzed trc fos, pvls por, ns noted

limestone, lt crm-wht, dse, chlky, xtaln, sli fos, sli rextalzed, pvls por ns noted, less sdy, sli incr dk gry-blk sh

limestone aa, less chlky, less sdy, less vis por, ns noted

same

limestone, lt crm, dse, chlky, rextalzed, xtaln, ooc, pvls por, ns noted

limestone same, less ooc, less chlky, sli incr gry to grn-gry sh, pvls por, ns noted

**Rotary Total Depth 4740 -1700**

Dev survey: 1.75 deg



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Coachman Energy Operating Comp. LLC

**7-14s-34w Logan, Ks**

1125 17th st. Suite 410  
Denver, Colo  
80202  
ATTN: Bruce Ard

**Holcomb #1**

Job Ticket: 61856

**DST#: 1**

Test Start: 2016.05.25 @ 13:25:16

## GENERAL INFORMATION:

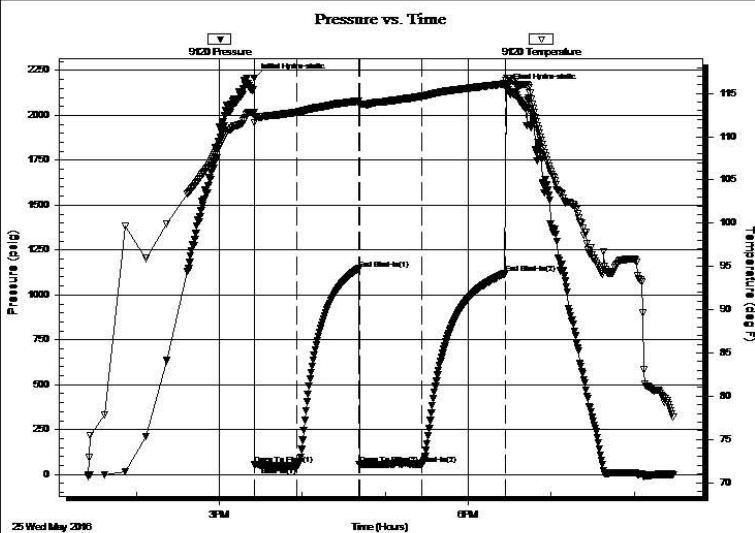
Formation: **Ft Scott, Cherokee**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 15:25:31  
 Time Test Ended: 20:28:16  
 Interval: **4415.00 ft (KB) To 4490.00 ft (KB) (TVD)**  
 Total Depth: 4590.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Shane McBride  
 Unit No: 84  
 Reference Elevations: 3040.00 ft (KB)  
 3035.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 9120

**Outside**

Press@RunDepth: 58.72 psig @ 4416.00 ft (KB)  
 Start Date: 2016.05.25 End Date: 2016.05.25 Capacity: 8000.00 psig  
 Start Time: 13:25:16 End Time: 20:28:16 Last Calib.: 2016.05.25  
 Time On Btm: 2016.05.25 @ 15:25:16  
 Time Off Btm: 2016.05.25 @ 18:27:16

TEST COMMENT: Surface blow died in 12 min  
 No return  
 No blow  
 No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.42	112.84	Initial Hydro-static
1	55.96	111.61	Open To Flow (1)
31	47.37	112.80	Shut-In(1)
76	1145.42	114.12	End Shut-In(1)
76	56.98	113.65	Open To Flow (2)
121	58.72	114.66	Shut-In(2)
182	1120.47	116.10	End Shut-In(2)
182	2148.00	116.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%M	0.02

## Gas Rates

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



**CONSOLIDATED**  
Oil Well Services, LLC

**RECEIVED**

**JUN 10 2016**

REMIT TO

3678

1606-AR-165 MAIN OFFICE

Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

sent to JH

P.O.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

807658

Invoice Date: 05/31/16

Terms: Net 30

Page 1

Cynosure Energy

USA

*Coachman Energy Services Company  
125 Seventeenth St., Suite 410  
Denver, CO 80202-2025*

HOLCOMB 1-7-14-34

Tax: 166.98

Total: 3,367.71

WELL/PROSPECT \_\_\_\_\_  
AFE # \_\_\_\_\_  
ACCOUNTING CODE 4200, 210  
APPROVED BY See attached  
DESCRIPTION Cement Services



PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

TICKET NUMBER 51482  
LOCATION Oakley, KS  
FOREMAN Jerry V

**Invoice # 807658**

5789  
5695

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-19-16	#99999	Holcomb 1-7-14-34	7	145	34w	Logan
CUSTOMER Cynosure Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			Russell Spgs E to 270 S to Kiowa Elm N into			
CITY STATE ZIP CODE			640 731 515 assist Rob S			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 218 CASING SIZE & WEIGHT 8 7/8 24  
 CASING DEPTH 218 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.24 WATER gal/sk 6.5 CEMENT LEFT IN CASING 20'  
 DISPLACEMENT 12 1/2 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting @ rig upon W/W/O break & circulation with rig type  
mix 165 sks surface blend II washup & displace with 12 1/2 bbl freshwater  
& shut in. Circulated approx 4 bbl top it

Cement did circulate

Thank you  
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0150	1	PUMP CHARGE	1150.00	1150.00
CE 0002	30	MILEAGE	7.15	214.50
CE 0711	7.76	ton mileage delivery (min)	660.00	660.00
CC 5871	165	surface blend II	23.00	3795.00
			subtotal	5819.50
			-45%	2618.78
			subtotal	3200.72
			SALES TAX	166.98
			ESTIMATED TOTAL	3367.70

Ravin 3737  
AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

## TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

**Terms.** Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent, or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



# Consolidated oil well services

Friday, April 01, 2016  
4:13 PM

Cement Bid for: CYNOSURE ENERGY

Type of Job: SURFACE -275'

Lease: .

County: LOGAN

State: KANSAS

Legals- SEC 1-14S-35W AND SEC 7-14S-34W

190 SKS COM,3%CC-2% GEL

Pump truck- 1,150.00  
30 Miles- 214.50  
TOTAL= 1,364.50

FLOAT EQUIPMENT

190 SKS - SURFACE- BLEND II	4,370.00
8.93 TON MILEAGE	660.00
TOTAL	5,030.00

	PUMPTRUCK- 1,364.50 MATERIAL - 5,030.00 FLOAT EQUIP-
	SUB TOTAL - 6,394.50 45% DISC - 2,877.53
	TOTAL = 3,516.97

TAX INCLUDED AT INVOICING

BID BY: WALT DINKEL



**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO *sent to TH 3/6/16*  
Consolidated Oil Well Services, LLC  
Dept: 970  
P.O. Box 4346  
Houston, TX 77210-4346

1600-71P-1111  
168  
MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

807659

Invoice Date: 05/31/16

Terms: Net 30

Page 1

Cynosure Energy

USA

*Coachman Energy operating Company  
1125 Seventeenth St., Suite 410  
Denver, CO 80202-2025*

HOLCOMB 1-7-14-34

**RECEIVED**

JUN 10 2016

Tax: 181.50

Total: 3,976.23

WELL/PROSPECT \_\_\_\_\_

AFE # \_\_\_\_\_

ACCOUNTING CODE *8200.380*

APPROVED BY *see attached*

DESCRIPTION *Plug & Abandon*



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

5813

5718

Invoice #807659

TICKET NUMBER 51485  
LOCATION Oakley, KS  
FOREMAN Jerry V

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-26-16	9999	Holcomb 1-7-14-34	7	14S	34W	Logan
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Cynosure Energy			731	Cory D		
MAILING ADDRESS			515	Rob S		
Russell E +0270 5 to Krum E 1 mile N into			640			
CITY	STATE	ZIP CODE				

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4950 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig up on WU10 plug as ordered with 240 sks  
lite blend V 14% flo seal  
50 sks @ 2450'  
100 sks @ 1425'  
50 sks @ 300'  
10 sks @ 40' with 8 5/8 wooden plug  
30 sks Ret hole

Thanks  
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900 <sup>00</sup>	1900 <sup>00</sup>
CE0002	30	MILEAGE	7 <sup>50</sup>	214 <sup>50</sup>
CE0711	10.32	ton mileage delivery (min)	660 <sup>00</sup>	660 <sup>00</sup>
CC5829	240	Lite blend V	16 <sup>00</sup>	3840 <sup>00</sup>
CC6075	60 <sup>#</sup>	floral	2 <sup>00</sup>	120 <sup>00</sup>
CP8228	1	8 5/8 wooden plug	165 <sup>00</sup>	165 <sup>00</sup>
			Sub total	6899 <sup>50</sup>
			-45%	3104 <sup>75</sup>
			Sub total	3794 <sup>75</sup>
			SALES TAX	181.50
			ESTIMATED TOTAL	3976.23

Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 5-27-16

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Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



**CONSOLIDATED**  
Oil Well Services, LLC

**RECEIVED**

**JUN 10 2016**

REMIT TO

3678

1606-AR-165 MAIN OFFICE

Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

sent to JH

P.O.Box884  
Chanute,KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

807658

Invoice Date: 05/31/16

Terms: Net 30

Page 1

Cynosure Energy

USA

*Coachman Energy Services Company  
125 Seventeenth St., Suite 410  
Denver, CO 80202-2025*

HOLCOMB 1-7-14-34

Tax: 166.98

Total: 3,367.71

WELL/PROSPECT \_\_\_\_\_  
AFE # \_\_\_\_\_  
ACCOUNTING CODE 4200, 210  
APPROVED BY See attached  
DESCRIPTION Cement Services



PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

TICKET NUMBER 51482  
LOCATION Oakley, KS  
FOREMAN Jerry V

**Invoice # 807658**

5789  
5695

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-19-16	#99999	Holcomb 1-7-14-34	7	145	34w	Logan
CUSTOMER Cynosure Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			Russell Spgs E to 270 S to Kiowa Elm N into			
CITY STATE ZIP CODE			640 731 515 assist Rob S			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 218 CASING SIZE & WEIGHT 8 7/8 24  
 CASING DEPTH 218 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.24 WATER gal/sk 6.5 CEMENT LEFT IN CASING 20'  
 DISPLACEMENT 12 1/2 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting @ rig upon W/W/O break & circulation with rig type  
mix 165 sks surface blend II washup & displace with 12 1/2 bbl fresh water  
& shut in. Circulated approx 4 bbl top it

Cement did circulate

Thank you  
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0150	1	PUMP CHARGE	1150.00	1150.00
CE 0002	30	MILEAGE	7.15	214.50
CE 0711	7.76	ton mileage delivery (min)	660.00	660.00
CC 5871	165	surface blend II	23.00	3795.00
			subtotal	5819.50
			-45%	2618.78
			subtotal	3200.72
			SALES TAX	166.98
			ESTIMATED TOTAL	3367.70

Ravin 3737  
AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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# Consolidated oil well services

Friday, April 01, 2016  
4:13 PM

Cement Bid for: CYNOSURE ENERGY

Type of Job: SURFACE -275'

Lease: .

County: LOGAN

State: KANSAS

Legals- SEC 1-14S-35W AND SEC 7-14S-34W

190 SKS COM,3%CC-2% GEL

Pump truck- 1,150.00  
30 Miles- 214.50  
TOTAL= 1,364.50

FLOAT EQUIPMENT

190 SKS - SURFACE- BLEND II	4,370.00
8.93 TON MILEAGE	660.00
TOTAL	5,030.00

	PUMPTRUCK- 1,364.50 MATERIAL - 5,030.00 FLOAT EQUIP-
	SUB TOTAL - 6,394.50 45% DISC - 2,877.53
	TOTAL = 3,516.97

TAX INCLUDED AT INVOICING

BID BY: WALT DINKEL





**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO *sent to TH*  
Consolidated Oil Well Services, LLC  
Dept: 970  
P.O. Box 4346  
Houston, TX 77210-4346

*3678 1600-71P-1111*  
MAIN OFFICE  
*168* P.O. Box 884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

807659

Invoice Date: 05/31/16

Terms: Net 30

Page 1

Cynosure Energy

USA

*Coachman Energy operating Company  
1125 Seventeenth St., Suite 410  
Denver, CO 80202-2025*

HOLCOMB 1-7-14-34

**RECEIVED**

JUN 10 2016

Tax: 181.50

Total: 3,976.23

WELL/PROSPECT \_\_\_\_\_

AFE # \_\_\_\_\_

ACCOUNTING CODE *8200.380*

APPROVED BY *See attached*

DESCRIPTION *Plug & Abandon*



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

5813

5718

Invoice #807659

TICKET NUMBER 51485  
LOCATION Oakley, KS  
FOREMAN Jerry V

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-26-16	9999	Holcomb 1-7-14-34	7	14S	34W	Logan
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Cynosure Energy			731	Cory D		
MAILING ADDRESS			515	Rob S		
CITY			640			
STATE						
ZIP CODE						

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 4950 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig up on WU10 plug as ordered with 240 sks  
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Revin 3737

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