



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1307738
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: _____

1307738

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Concorde Resources Corporation
Well Name	McDaniel 2-12
Doc ID	1307738

Tops

Name	Top	Datum
Heebner Shale	3712	-865
Toronto	3730	-883
Lansing	3754	-907
Muncie Creek Shale	3928	-1081
Stark Shale	4013	-1166
Huspuckney Shale	4054	-1207
Base of KC	4090	-1243
Marmaton	4128	-1281
Altamont	4148	-1301
Pawnee	4232	-1385
Little Osage Shale	4258	-1411
Excello Shale	4274	-1427
Cherokee Shale	4306	-1459
Johnson Zone	4351	-1504
Morrow	4409	-1562
Mississippian	4456	-1609
LTD	4505	-1658



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Concorde Resources Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64619

DST#: 1

ATTN: John Goldsmith

Test Start: 2015.12.10 @ 05:27:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:18:20

Time Test Ended: 11:52:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

Interval: 4104.00 ft (KB) To 4145.00 ft (KB) (TVD)

Reference Elevations: 2847.00 ft (KB)

Total Depth: 4145.00 ft (KB) (TVD)

2842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press@RunDepth: 26.40 psig @ 4106.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.10

End Date:

2015.12.10

Last Calib.: 2015.12.10

Start Time: 05:27:02

End Time:

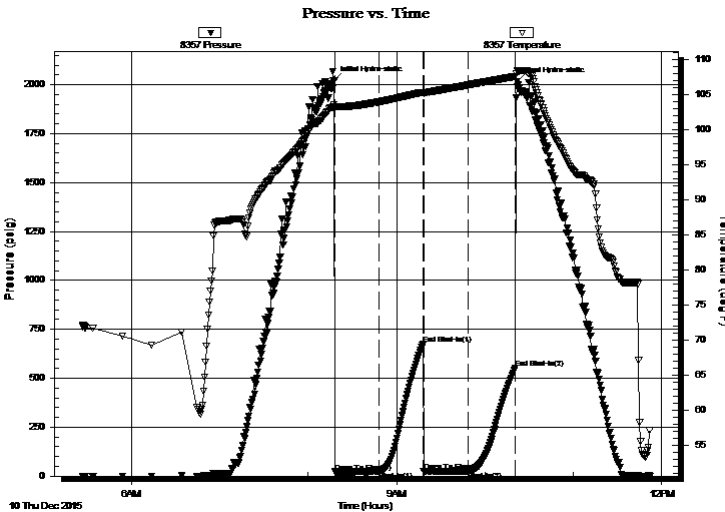
11:52:10

Time On Btm: 2015.12.10 @ 08:17:10

Time Off Btm: 2015.12.10 @ 10:21:50

TEST COMMENT: 30- 1/2" Blow .
30- No return.
30- No blow .
30- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2020.82	103.32	Initial Hydro-static
2	21.75	103.13	Open To Flow (1)
31	23.83	104.00	Shut-In(1)
61	675.81	105.39	End Shut-In(1)
62	25.74	105.21	Open To Flow (2)
92	26.40	106.41	Shut-In(2)
124	553.23	107.63	End Shut-In(2)
125	2014.20	108.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 5o 95m	0.10

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Concorde Resources Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64619

DST#: 1

ATTN: John Goldsmith

Test Start: 2015.12.10 @ 05:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 5o 95m	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

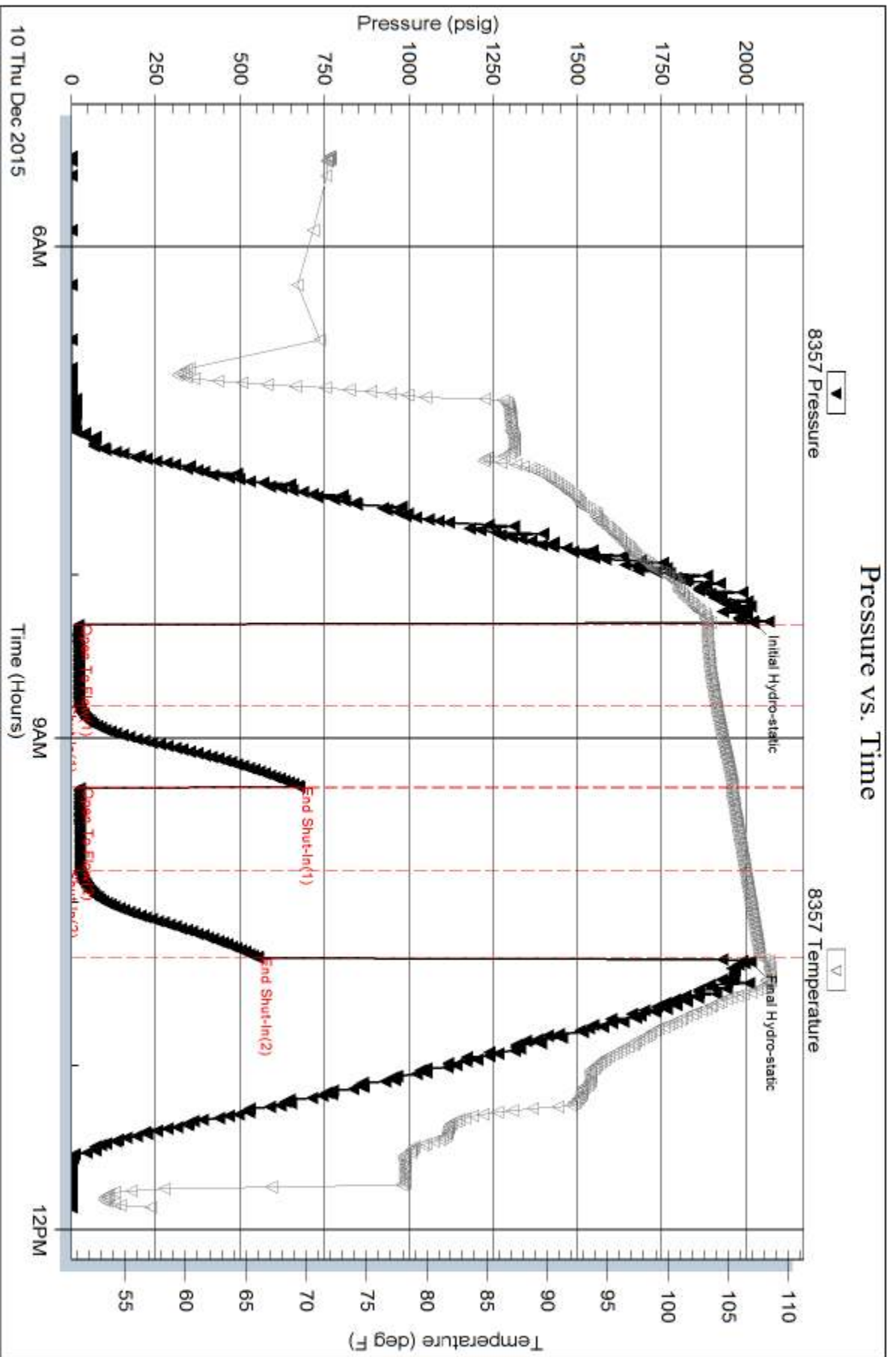
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Concorde Resources, Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64620

DST#: 2

ATTN: John Goldsmith

Test Start: 2015.12.10 @ 18:02:00

GENERAL INFORMATION:

Formation: **Altamont**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:46:30

Time Test Ended: 23:34:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4106.00 ft (KB) To 4170.00 ft (KB) (TVD)

Total Depth: 4170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2847.00 ft (KB)

2842.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8357

Inside

Press @ Run Depth: 27.78 psig @ 4108.00 ft (KB)

Start Date: 2015.12.10

End Date:

2015.12.10

Start Time: 18:02:02

End Time:

23:34:30

Capacity: 8000.00 psig

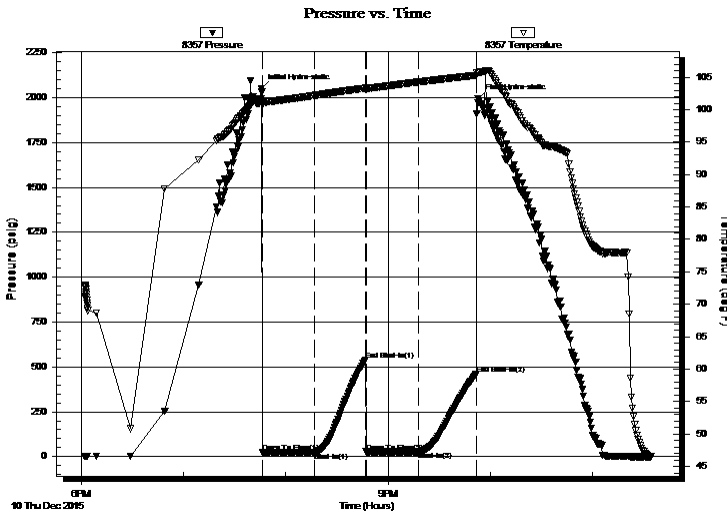
Last Calib.: 2015.12.10

Time On Btm: 2015.12.10 @ 19:45:50

Time Off Btm: 2015.12.10 @ 21:52:50

TEST COMMENT: 30- 1" Blow .
30- No return.
30- Surface blow throughout
30- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.62	101.67	Initial Hydro-static
1	22.23	100.86	Open To Flow (1)
31	25.08	102.21	Shut-In(1)
61	539.20	103.33	End Shut-In(1)
62	26.55	103.23	Open To Flow (2)
92	27.78	104.28	Shut-In(2)
126	461.37	105.30	End Shut-In(2)
127	1995.14	105.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Dgrees F = PPM	0.00
0.00	API: @ Degrees F =	0.00
30.00	VSOCM 1o 99m	0.15

Gas Rates

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

* Recovery from multiple tests



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DRILL STEM TEST REPORT

FLUID SUMMARY

Concorde Resources, Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64620

DST#: 2

ATTN: John Goldsmith

Test Start: 2015.12.10 @ 18:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	RW: @ Dgrees F = PPM	0.000
0.00	API: @ Degrees F =	0.000
30.00	VSOCM 1o 99m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

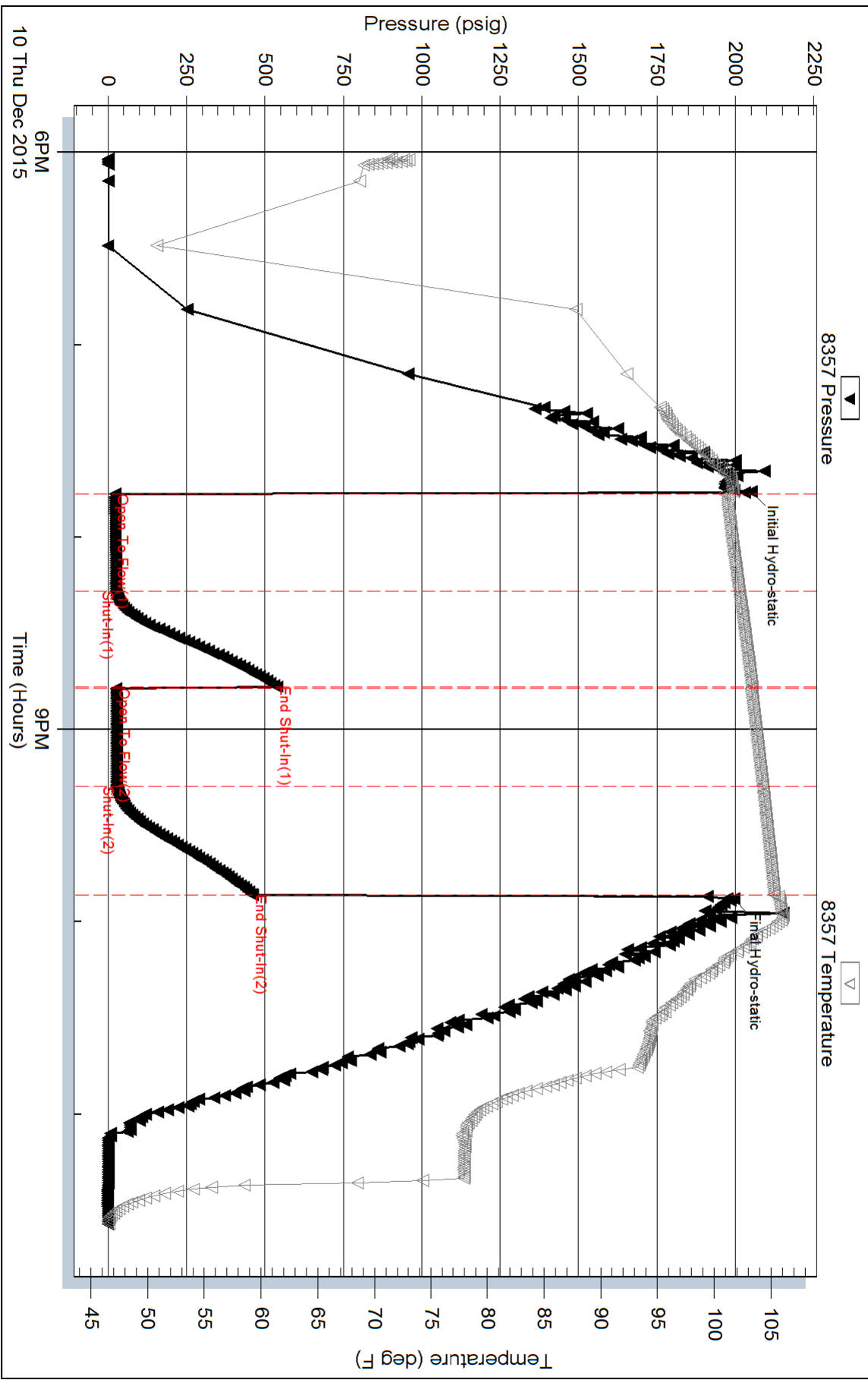
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Concorde Resources, Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64621

DST#: 3

ATTN: John Goldsmith

Test Start: 2015.12.11 @ 16:48:00

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:39:40

Time Test Ended: 22:04:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: 4270.00 ft (KB) To 4326.00 ft (KB) (TVD)

Reference Elevations: 2847.00 ft (KB)

Total Depth: 4326.00 ft (KB) (TVD)

2842.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8357 Inside

Press @ Run Depth: 34.05 psig @ 4272.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.11

End Date: 2015.12.11

Last Calib.: 2015.12.11

Start Time: 16:48:02

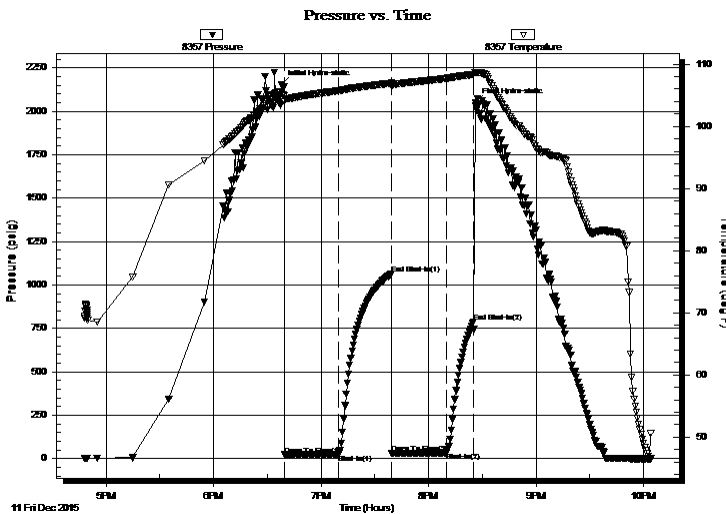
End Time: 22:04:10

Time On Btm: 2015.12.11 @ 18:38:00

Time Off Btm: 2015.12.11 @ 20:26:10

TEST COMMENT: 30- 3/4" Blow .
30- No return.
30- No blow .
15- No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2154.99	105.51	Initial Hydro-static
2	21.69	103.95	Open To Flow (1)
32	27.29	105.72	Shut-In(1)
62	1065.44	106.95	End Shut-In(1)
62	29.20	106.49	Open To Flow (2)
92	34.05	107.71	Shut-In(2)
108	788.03	108.33	End Shut-In(2)
109	2050.15	108.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Dgrees F = PPM	0.00
0.00	API: @ Degrees F =	0.00
10.00	OSM 100o	0.05

Gas Rates

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

* Recovery from multiple tests



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Concorde Resources, Corp.

S.12-15s-34w Logan/KS

111 S. Main St.
Eufaula, OK 74432

#2-12 McDaniel

Job Ticket: 64621

DST#: 3

ATTN: John Goldsmith

Test Start: 2015.12.11 @ 16:48:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: @ Dgrees F = PPM	0.000
0.00	API: @ Degrees F =	0.000
10.00	OSM 100o	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

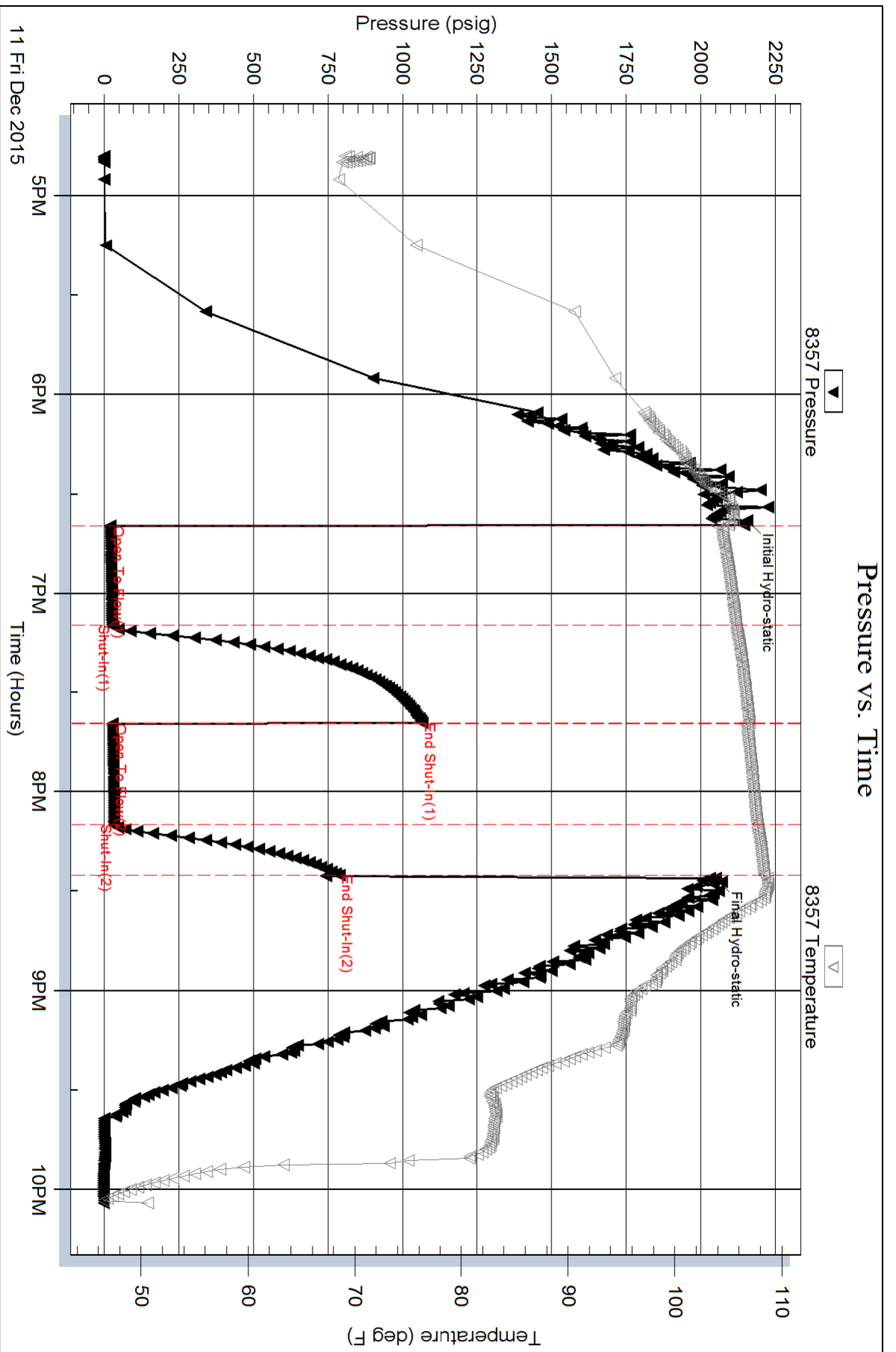
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



John Goldsmith Wellsite Service

Cell and Home Phone:
316-640-0236

427 Roosevelt St.
Cheney, KS 67025

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

Well Name: #2-12 McDaniel
Location: 2016' FNL & 2316' FEL, NW SW SW NE, 12-15S-34W
License Number: API: 15-109-21440
Spud Date: 12/05/2015
Surface Coordinates: LAT 38.7665453
LONG -101.0475436
Bottom Hole Vertical hole
Coordinates: 3/4 Degree Deviation
Ground Elevation (ft):2842' **K.B. Elevation (ft):** 2847'
Logged Interval (ft):3500' **To:** RTD **Total Depth (ft):**4505'
Formation: Mississippian at RTD
Type of Drilling Fluid:Chemical

Region: Logan County
Drilling Completed:12/12/2015

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

OPERATOR

Company: Concorde Resources Corp.
Address: 111 South Main Street
Eufaula, OK 74432
(918) 689-9595

GEOLOGIST

Name: John Goldsmith
Company: John Goldsmith Wellsite Service
Address: 427 Roosevelt St.
Cheney, KS 67025
(316) 640-0236

COMMENTS

Contractor: WW Drilling Rig #8
Pusher: Sid Deutscher (785) 259-2382
Surface Casing: 7 joints of 8 5/8" set at 302'
Production Casing: 5.5" Production Casing was installed.
Mud by: MudCo Service Mud
DST's by: Trilobite Testing
Logs by: Pioneer Wireline Services (DIL, CN-CD, ML)
RTD=4505'
LTD=4505'

FORMATION TOPS

FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Heebner Shale	3712'	-865	3712'	-865
Toronto	3730'	-883	3730'	-883
Lansing	3754'	-907	3754'	-907
Muncie Creek Shale	3928'	-1081	3928'	-1081
Stark Shale	4014'	-1167	4013'	-1166
Hushpuckney Shale	4054'	-1207	4054'	-1207
Base of KC	4090'	-1243	4090'	-1243
Marmaton	4128'	-1281	4128'	-1281
Altamont	4148'	-1301	4148'	-1301
Pawnee	4231'	-1384	4232'	-1385
Little Osage Shale	4258'	-1411	4258'	-1411
Excello Shale	4275'	-1428	4274'	-1427
Cherokee Shale	4306'	-1459	4306'	-1459
Johnson Zone	4351'	-1504	4351'	-1504
Morrow	4409'	-1562	4409'	-1562
Mississippian	4456'	-1609	4456'	-1609
RTD	4505'	-1658		
LTD			4505'	-1658

DSTs

DST #1 4104'-4145' 12-10-2015 30/30/30/30 "Marmaton"

1st Blow: 1/2" Blow held steady (No BB)

2nd Blow: No Blow (No BB)

IFP: 22-24# ISIP: 676# FFP: 26-26# FSIP: 553#

HYD: 2021-2014#

Rec: 20' OCM (5% Oil)

DST #2 4106'-4170' 12-10-2015 30/30/30/30 "Altamont"

1st Blow: 1/2" Blow built to 1" (No BB)

2nd Blow: Surface Blow (No BB)

IFP: 22-25# ISIP: 539# FFP: 27-28# FSIP: 461#

HYD: 2052-1995#

Rec: 30' VSOCM (1% Oil)

DST #3 4270'-4326' 12-11-2015 30/30/30/15 "Ft Scott"

1st Blow: Surf Blow built to 3/4" (No BB)

2nd Blow: No Blow (No BB)

IFP: 22-27# ISIP: 1065# FFP: 29-34# FSIP: 788#

HYD: 2155-2050#

Rec: 10' OSM

ROCK TYPES



Anhy



Dol



Sltst



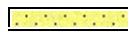
Gry sh



Cht



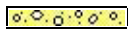
Lmst



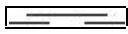
Ss



Sandylms



Congl



Shale



Carb sh



Shaly ls

ACCESSORIES

EVENTS

-  Circ
-  Conn

FOSSIL

-  Brach
-  Bryozoa
-  Crin

-  Foram
-  Fossil
-  Gastro
-  Oolite
-  Ostra
-  Plant
-  Fuss
-  Oomold

- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Plant
- Fuss
- Oomold





MINERAL

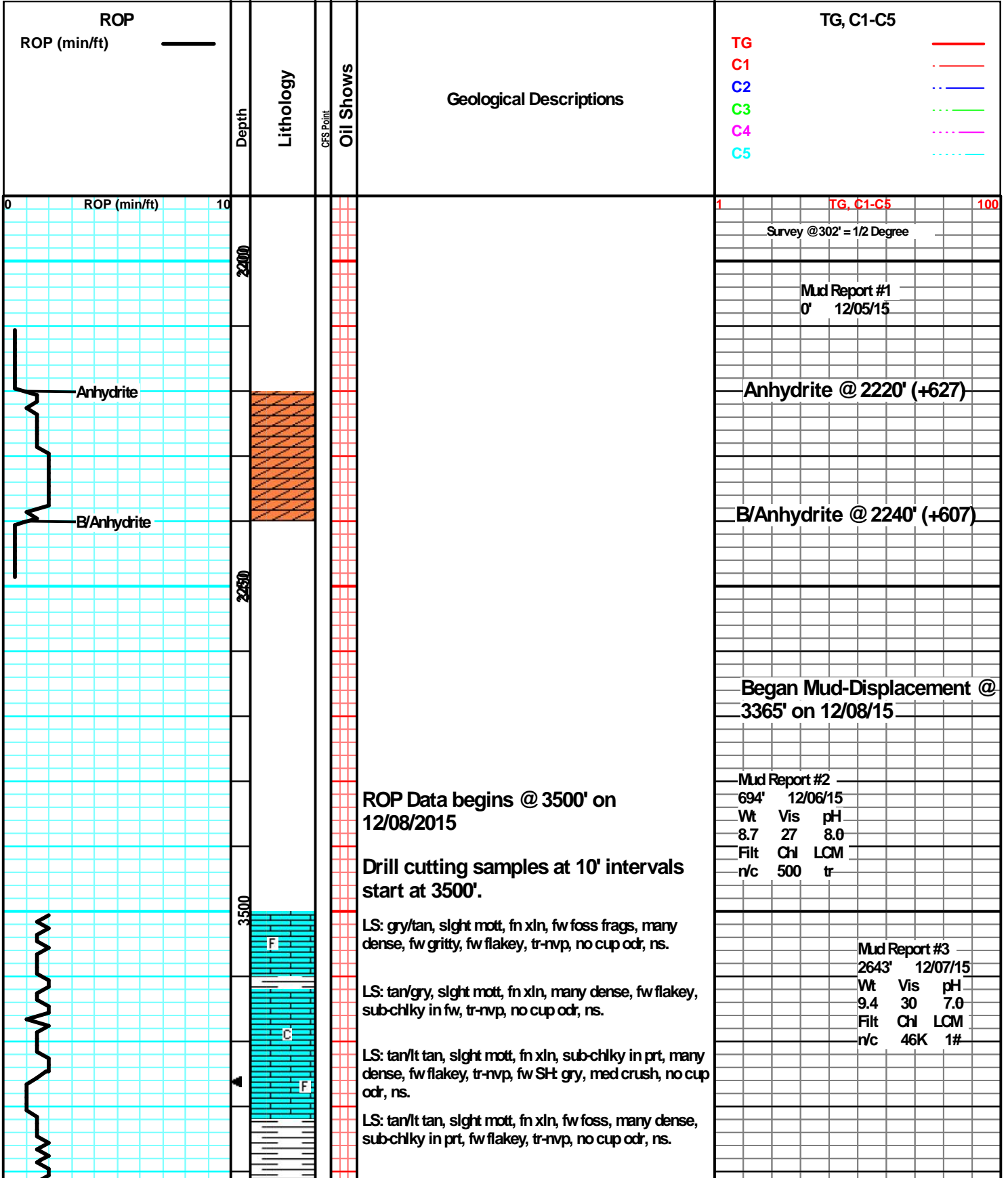
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-  Chtdk
-  Chtlt
-  Feldspar
-  Glau
-  Nodule
-  Pyr

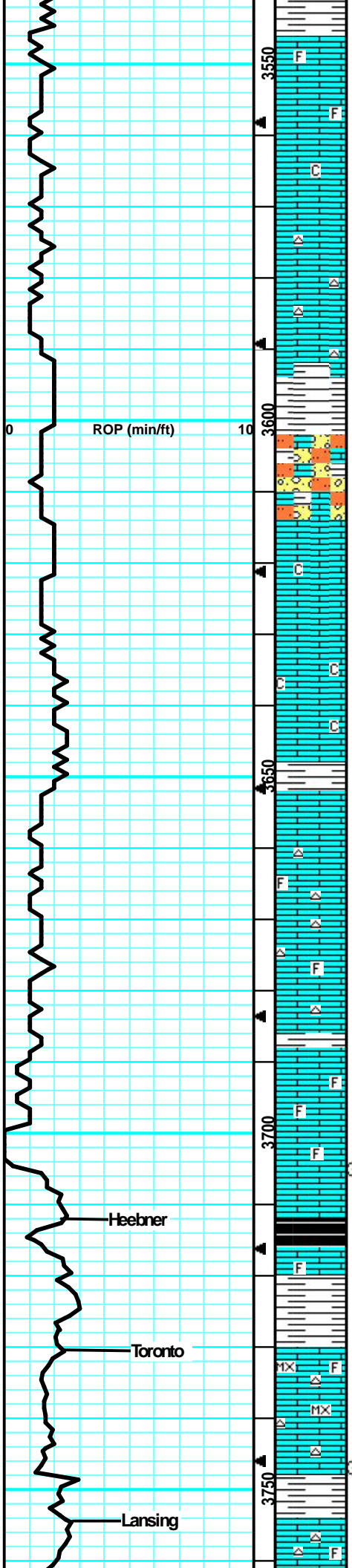


Sil

TEXTURE

-  Chalky
-  Crslxn
-  Finexln
-  Microxln





LS: tan/lt tan, slight mott, fn xln, fw foss frags, many dense, sm brittle, fw gritty, tr-nvp, fw pcs w/ drk min stns, no fluor/cut, no cup odr, ns.

LS: tan/lt tan, slight mott, fn xln, fw foss frags, many dense, sm brittle, tr-nvp, fw SHt gry, silty/gritty, fw StStn: gry, gritty, friable, no cup odr, ns.

LS: lt tan/tan, slight mott in prt, fn xln, mostly dense, sm brittle, sub-chlky in prt, tr-nvp, fw SHt gry, silty, gritty, no cup odr, ns.

LS: lt tan, mostly sing, fn xln, many dense, sm brittle, sub-chlky, tr-nvp, fw SHt gry/drk gry, silty, no cup odr, ns.

LS: lt tan/lt gry, sing, fn xln, mostly dense, sm hard, sub-chlky in fw, tr-nvp, fw SHt drk gry, silty, soft, fw Chert: wht/opaque, foss, sharp, no cup odr, ns.

LS: tan/lt gry, slight mott, fn xln, sm dense, many brittle, sub-chlky in prt, tr-nvp, fw SHt drk gry, silty, soft, no cup odr, ns.

LS: tan/gry, mott in prt, fn xln, sub chlky in prt, many flakey/mealy, brittle, tr-nvp, svrl SHt drk gry/blk, silty, carb, soft, no cup odr, ns.

LS: tan/gry, mott in prt, fn xln, sub-chlky, fw flakey/mealy, tr-nvp, fw SHt gry, silty, no cup odr, ns.

LS: tan/gry, mott in prt, fn xln, sm dense, sub-chlky in prt, sm flakey, tr-nvp, fw pcs pur chlk, no cup odr, ns.

LS: tan/lt gry, slight mott in prt, fn xln, sm dense, sub-chlky in prt, fw flakey, tr-nvp, fw SHt gry/brn, silty, no cup odr, ns.

LS: lt tan/lt gry, slight mott, fn xln, mostly brittle, sm gritty, sub-chlky, tr-nvp, abund SHt brn, silty, v soft, muddy like, no cup odr, ns.

LS: lt tan/lt gry, mostly sing, fn xln, sm dense, sm brittle, sub-chlky in prt, tr-nvp, fw pcs pur chlk, fw SHt brn, silty, soft, no cup odr, ns.

LS: lt tan/gry, sing, fn xln, mostly dense, sm brittle, fw sub-chlky, tr-nvp, fw pcs pur chlk, no cup odr, ns.

LS: lt tan/lt gry, sing, fn xln, many dense, sm brittle, sub-chlky, tr-nvp, sm pur chlk, fw Chert: wht/gry, foss, sharp, no cup odr, ns.

LS: tan/lt gry, mostly sing, fn xln, fw foss frags, mostly dense, fw brittle, tr-nvp, fw Chert: gry/wht, foss, sharp, fw pcs pur chlk, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, many dense, sm brittle, chlky in prt, tr-nvp, svrl pcs pur chlk, fw SHt gry, silty, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, fw foss frags, many dense, sm brittle, sub-chlky in prt, tr-nvp, fw pcs pur chlk, no cup odr, ns.

LS: tan/gry, slight mott, fn xln, sm foss, mostly dense, sm firm, tr-nvp, fw SHt gry/brn, silty, sm soft, no cup odr, ns.

LS: tan/gry, mott, in prt, fn xln, brittle, fw gritty like, pr inxln por in sm, drk hvy min stns, no fluor/cut, no cup odr, ns.

LS: tan/gry, mott in prt, fn xln, sm foss, many dense, sm flakey/mealy, tr-nvp, fw drk min stns, no fluor/cut, no cup odr, ns.

LS: lt tan/lt gry, sing, fn xln, fw foss frags, mostly dense, sm brittle, fw sub-chlky in prt, tr-nvp, svrl pcs pur chlk, no cup odr, ns.

LS: tan/gry, sing, micro-fn xln, mostly dense, sm firm, sub-chlky in prt, tr-nvp, fw Chert: lt gry/wht, sharp, no cup odr, ns.

LS: tan/gry, sing, fn xln, mostly dense, sm brittle, fw sub chlky, tr-nvp, fw SHt brn/gry, silty, sm soft, no cup odr, ns.

LS: tan/gry, sing, fn xln, fw foss frags, mostly dense, sm brittle, fw flakey like, tr-nvp, fw Chert: wht/lt tan

1 TG, C1-C5 100

Mud Report #4
3636' 12/8/15

Wt	Vis	pH
8.7	63	11.5
Filt	Chl	LCM
7.2	2.5K	2#

Short Trip @ 3705'
35 Stands

CFS @ 3705'
(25"/45")

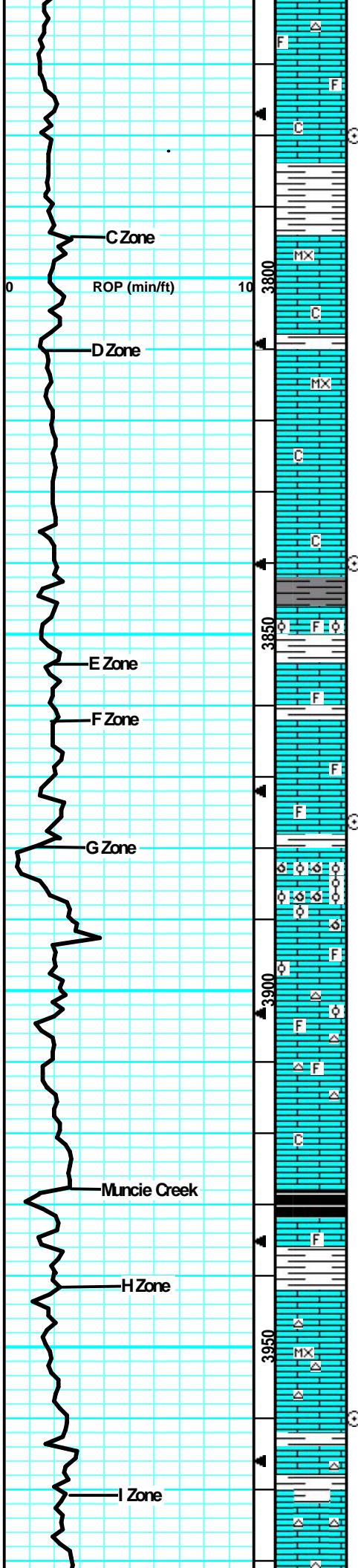
Heebner @ 3713' (-865)

Toronto @ 3730' (-883)

CFS @ 3746'
(30"/60")

Gas Detector
Recalibrated

Lansing @ 3754' (-907)



LS: tan/lt tan, mostly sing, fn xln, sm foss, many dense, sm brittle, fw flakey like, tr-nvp, sm pur chlk, no cup odr, ns.

LS: gry/tan, mostly sing, fn xln, sm foss in prt, mostly dense, sm brittle, fw sub-chlky in prt, tr-nvp, fw pcs pur chlk, fw SH: gry/brn, silty, med crush, no cup odr, ns.

LS: gry/lt tan, mostly sing, micro-fn xln, dense, sm brittle, sub-chlky, tr-nvp, sbrl SH: brn/gry, silty, no cup odr, ns.

LS: tan/lt tan, sing, micro-fn xln, dense, brittle, chlky, tr-nvp, svrl pcs pur chlk, fw pcs w/ lght brn patchy min stns, no fluor/cut, no cup odr, ns.

LS: lt tan/lt gry, mostly sing, micro-fn xln, v fw foss frags, many dense, sm brittle, fw firm, sub-chlky in prt, sm SH: brn, silty, sm v soft, no cup odr, ns.

LS: lt gry/tan, sing, fn xln, mostly dense, sm brittle, sub-chlky in prt, v fw flakey/mealy, tr-nvp, sm pur chlk, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, many brittle, flakey/mealy in prt, tr-nvp, 2 pcs w/ lght brn spottd stn, v wk fluor, pos cut resid, 1 pc w/ v tiny sphr of oil on brk in wtr, no cut odr.

LS: tan/gry, slight mott, fn xln, fw foss, sm ool, many brittle, sub-chlky in prt, tr-pr intool por in cpl pcs, sm SH: gry/blu, silty, soft, no cup odr, ns.

LS: tan/gry, slight mott in prt, fn xln, fw foss in prt, many flakey/mealy, tr-pr intxln por in sm, fw SH: drk gry, silty, no cup odr, ns.

LS: gry/tan, mostly sing, fn xln, fw dense, many brittle, tr-pr ppt intxln por in cpl pcs, spottd drk brn stns, wk-? fluor, nsfo, no cup odr.

LS: tan/lt tan, mostly sing, fn xln, v fw foss frags, mostly dense, many brittle, fw sub-chlky in prt, tr-nvp, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, fw foss frags, msotly dense, sm brittle, tr-nvp, fw pcs SH: gry/blu, silty, no cup odr, ns.

LS: tan/lt tan, mostly mott, fn xln, profus ool, many brittle, sm fr intool por, many gd oolcast por, fw pcs pur chlk, no cup odr, ns.

LS: gry/tan, mott, fn xln, many profus ool, many brittle, fw firm, sm fr intool/oolcast por, sm pur chlk, no cup odr, ns.

LS: gry/lt tan, slight mott, fn xln, sm ool, many dense, sm fr oolcast por in fw, mostly tr-nvp, fw Chert: gry, sharp, no cup odr, ns.

LS: lt tan/lt gry, sing, fn xln, fw foss frags in sm, sm dense, mostly brittle, sub-chlky in prt, tr-nvp, fw pcs pur chlk, no cup odr, ns.

LS: gry/lt tan, sing, fn xln, mostly dense, sm brittle, many flakey/mealy, sub-chlky in prts, tr-nvp, fw pcs pur chlk, fw SH: drk gry, silty, no cup odr, ns.

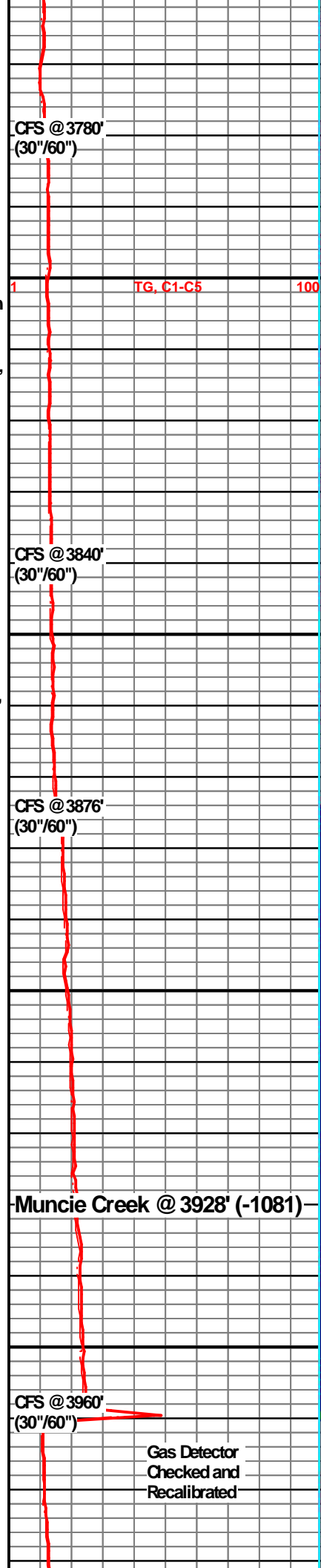
LS: gry/tan, slight mott, fn xln, many foss, sm dense, sm brittle, tr-nvp, svrl SH: drk gry/blk, silty, soft, many carb, no cup odr, ns.

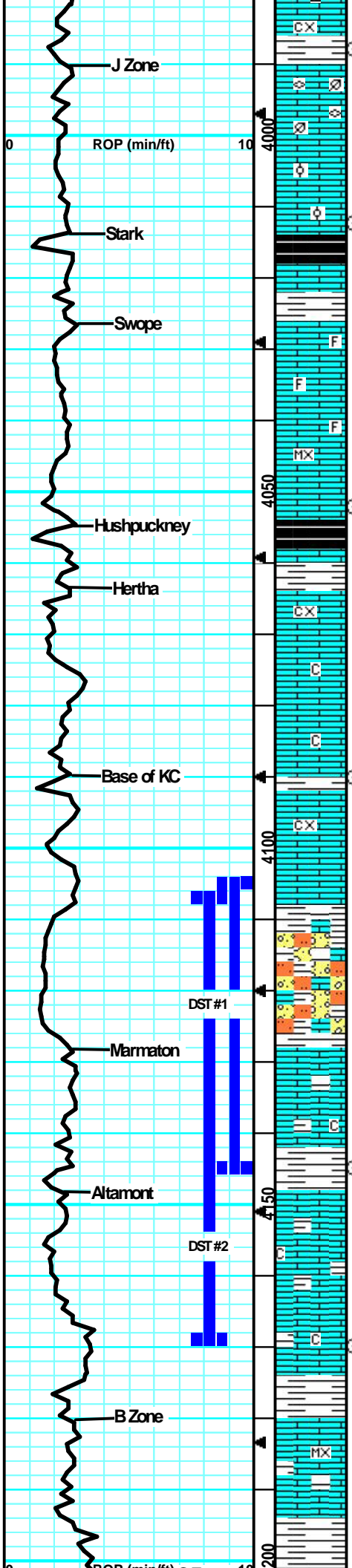
LS: gry/lt brn, mott, fn xln, sm foss in prt, mostly brittle, sm lrg inclus, tr-nvp, sm pur chlk, fw SH: blk, silty, carb, no cup odr, ns.

LS: lt tan/lt gry, mostly sing, micro-fn xln, fw foss frags, mostly dense, chlky, many brittle, tr-nvp, sm Chert: lt gry/wht, foss, sharp, no cup odr, ns.

LS: tan/lt gry, slight mott in prt, fn xln, fw dense, sm brittle, many flakey/mealy, sub-chlky, tr-nvp, fw Chert: wht/opaque, foss, sharp, no cup odr, ns.

LS: tan/gry, mostly sing, fn xln, many dense, fw brittle, sub-chlky in prt, sm flakey like, tr-nvp, fw Chert: gry/wht, sharp, no cup odr, ns.





LS: gry/lt brn, mott in prt, fn-crs xln, fw foss, many firm, mostly flakey/mealy, pr intxn por in fw, no cup odr, ns.

LS: gry/tan, slight mott, sm foss fuss/plant frags, sub-chlky, sm dense, tr-nvp, fw SH: gry/drk brn, silty, no cup odr, ns.

LS: lt tan/lt gry, mostly sing, fn xln, fw sub-chlky, sm brittle, fw flakey, tr-nvp, fw pcs pur chl, no cup odr, ns.

LS: tan/lt tan, slight mott in fw, fn xln, fw ool, mostly dense, sm firm, tr-nvp, no cup odr, ns.

LS: gry/tan, mott in prt, fn xln, many foss, mostly flakey/mealy, sm firm, tr-nvp, sm SH: blk, silty, soft, carb, no cup odr, ns.

LS: gry/lt brn, slight mott, fn xln, fw foss, mostly flakey/mealy, fw firm, mostly brittle, tr-nvp, fw SH: gry, silty, med crush, no cup odr, ns.

LS: tan/lt gry, slight mott, fn xln, sm foss in prt, fw flaky/mealy, sub-chlky in prt, tr-nvp, fw pcs pur chl, no cup odr, ns.

LS: lt tan/lt gry, mostly sing, micro-fn xln, mostly dense, sm brittle, tr-? ppt intxn por in fw, 2-3 pcs w/ sm sphr of oil cling to rx chp, faint-wk cup odr, vssfo.

LS: lt tan/lt gry, mostly sing, micro-fn xln, sm dense, mostly chlky/brittle, 3 pcs w/ v sm sphr of oil cling to rx chp like above, faint-? cup odr.

LS: gry/tan, slight mott, fn xln, fw foss frags, mostly flakey/mealy, many brittle, sub-chlky, tr-nvp, sm SH: blk, silty, soft, carb, no cup odr, ns.

LS: gry/lt brn, mostly mott, fn-crs xln, mostly flakey/mealy, many firm/hard, tr-pr tight intxn por in sm, drk brn patchy stns, gd fluor, pos cut resid, svrl pcs w/ ssfo on brk, faint cup odr.

LS: gry/tan, slight mott, fn xln, mostly dense, sub-chlky in prt, tr-nvp, fw pcs pur chl, 2 pcs w/ sho as desc above, no cup odr.

LS: lt gry/lt tan, slight mott in prt, fn xln, many dense, sub-chlky, tr-nvp, fw pcs pur chl, no cup odr, ns.

LS: gry/lt brn, mostly mott, fn-crs xln, dense, hard, many flakey/mealy, tr-nvp, abund SH: gry/drk gry, silty, sm soft, no cup odr, ns.

LS: gry/lt gry, mott in prt, fn xln, many dense, fw brittle, fw sub-chlky, tr-nvp, fw pcs pur chl, fw SH: gry, silty, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, many dense, fw brittle, chlky in prt, tr-nvp, svrl SH: gry/brn, silty, fw SltStr: gry/drk brn, gritty, frib, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, mostly dense, many brittle, sub-chlky in prt, tr-nvp, fw SH: brn/gry, silty, waxy, fw SltStr: brn, gritty, friable, soft, no cup odr, ns.

LS: tan/lt gry, sing, fn xln, mostly dense, fw brittle, tr-nvp, 1 pcs w/ fr intxn por, spitted drk brn stns, gd fluor/cut, ssfo, no cup odr.

LS: tan/lt gry, slight mott, fn xln, mostly dense/brittle, pr intxn on edges/fr scat vug por, dul yel fluor, strmcut, ssfo, faint cup odr, 60" Smp: More show pcs fr sfo, fr cup odr.

SH: gry/brn, silty, soft, fw waxy, sm LS: lt tan, sing, fn xln, many brittle, 2 pcs w/ fr intxn por on edge, drk brn stns in por, dul yel fluor, strmcut, vssfo, no cup odr, pos from above.

LS: lt gry/tan, mostly sing, fn xln, mostly dense, sm brittle, fw firm, tr-nvp, abund SH: brn/gm, silty, soft, fw muddy, no cup odr, ns.

LS: gry/lt gry, sing, fn xln, mostly dense, sm firm, fw sub-chlky in prt, tr-nvp, fw pcs w/ lght brn min stns, no fluor/cut, no cup odr, ns.

LS: gry/tan, slight mott, fn xln, many dense, sm firm, fw flakey/mealy, fw sub-chlky, tr-nvp, abund SH: gry/brn, silty, soft, no cup odr, ns.

LS: lt gry/lt tan, sing, fn xln, mostly firm/dense, sub-chlky in prt, tr-nvp, fw pcs pur chl, fw SH: gry, silty, fissile, no cup odr, ns.

LS: lt tan/lt gry, sing, micro-fn xln, mostly dense, brittle, chlky, tr-nvp, fw SH: gry/brn, silty, med crush, no cup odr, ns.

CFS @ 3988' (30"/60")

TG, C1-C5 100

Stark @ 4014' (-1167)

CFS @ 4012' (30"/60")

CFS @ 4052' (30"/60")

Hushpuckney @ 4054' (-1207)

B/KC @ 4090' (-1243)

CFS @ 4090' (30"/60")

DST #1 4104'-4145'
12-10-2015 30/30/30/30
"Marmaton"
1st Blow: 1/2" Blow held steady (No BB)
2nd Blow: No Blow (No BB)
IFP: 22-24# ISIP: 676# FFP.
26-26# FSIP: 553#
HYD: 2021-2014#
Rec: 20' OCM (5% Oil)

Marmaton @ 4128' (-1281)

Small 6.5 Unit Gas Kick.

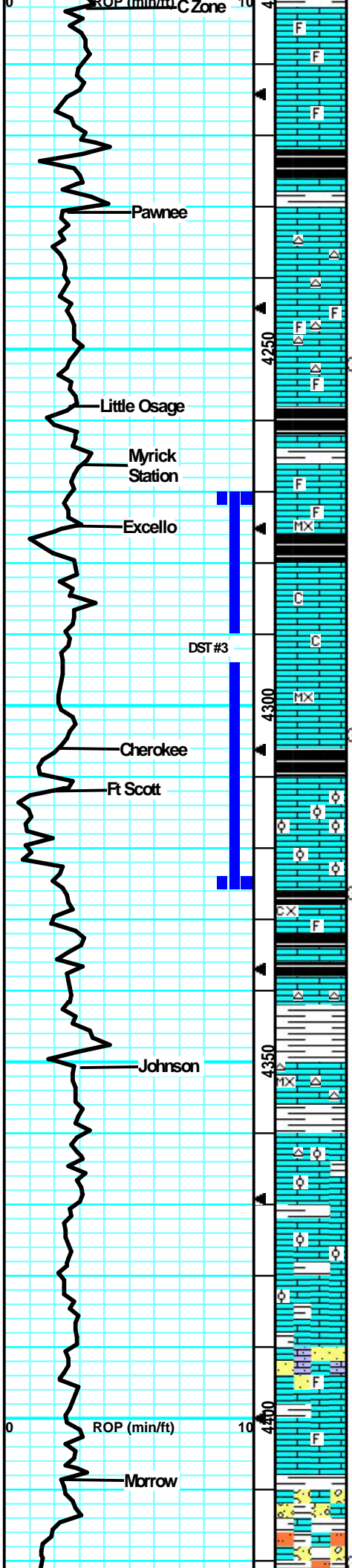
CFS @ 4145' (30"/60") Survey @ 4145' = 1/2 Degree

Altamont @ 4148' (-1301)

Mud Report #6
4145' 12/10/15
Wt Vis pH
9.1 54 10.0
Filt Ch LCM
8.0 2.7K 1#

CFS @ 4170' (30"/60")

DST #2 4106'-4170'
12-10-2015 30/30/30/30
"Altamont" TG, C1-C5 100



LS: tan/gry, sing, fn xln, fw foss frags, mostly dense, many brittle, tr-nvp, sm SH: gry/drk gry, silty, fissile, no cup odr, ns.

LS: tan/gry, slight mott, fn xln, fw foss frags, fw ool, many dense, sm firm, tr-nvp, fw pcs v foss, flakey/mealy, tr-pr inbxdn por, no cup odr, ns.

LS: gry/tan/lt brn, slight mott, fn xln, mostly dense, many firm, tr-nvp, influx SH: blk, silty, soft, carb, no cup odr, ns.

LS: gry/lt tan, sing, fn xln, mostly dense, sm brittle, sub-chlky in prt, tr-nvp, fw pcs pur chl, fw SH: gry/gm, silty, no cup odr, ns.

LS: gry/tan, mostly sing, fn xln, many dense, sm firm, tr-nvp, fw Chert: gry, foss, sharp, fw SH: drk gry, silty, no cup odr, ns.

LS: gry/lt tan, slight mott, fn xln, fw foss frags many dense, tr-nvp, fw Chert: gry, foss, sharp, no cup odr, ns.

LS: gry/lt brn, mott in prt, fn-crs xln, fw firm, many flakey/mealy, tr-? inbxdn por in sm, abund SH: blk, silty, soft, carb, no cup odr, ns.

LS: gry/lt brn, mott, fn-crs xln, fw foss, many flakey/mealy, sm firm, tr-? inbxdn por in sm, fw SH: drk gry, silty, no cup odr, ns.

LS: tan/lt tan, slight mott, micro-fn xln, many dense, sm brittle, chlky in prt, sm v fn ppt inbxdn por, lght brn patchy stns, gd fluor, pos cut resid, fr cup odr, vssfo, sm SH: blk, card, soft.

LS: gry/tan, slight mott, fn xln, fw foss frags, many dense, pr inbxdn por, ppt brn stns, fr cup odr, fw pcs w/ ssfo, svrl SH: drk gry, silty.

LS: gry/tan, slight mott, fn xln, sm dense, flakey/mealy, tr-nvp, no cup odr, ns.

LS: tan/lt tan, slight mott, micro-fn xln, mostly dense, many brittle, chlky in prt, tr-pr ppt inbxdn por in sm, fw dul yel fluor, faint-? cup odr, vssfo in 3-4 pcs.

LS: gry/tan, slight mott, fn xln, mostly dense, sm firm, fw flakey/mealy, tr-nvp, abund SH: blk/gry, silty, soft, sm carb, no cup odr, ns.

LS: gry/lt brn, mott in prt, fn xln, many dense, sm firm, fw flakey/mealy, tr-nvp, svrl SH: gry/blk, silty, sm carb, no cup odr, ns.

LS: tan/lt tan, slight mott, fn xln, fw ool, mostly brittle, chlky in prt, tr-nvp, svrl pcs pur chl, sm SH: gry, silty, no cup odr, ns.

LS: gry/lt brn, mott, fn-crs xln, sm foss, sm firm, many flakey/mealy, tr-? inbxdn por in fw, svrl SH: gry/blk, silty, sm carb, no cup odr, ns.

LS: gry/lt brn, slight mott, fn xln, v fw foss, sm dense, sm firm, fw flakey/mealy, tr-nvp, fw Chert: gry/smokey, foss, sharp, fw SH: gry/blk, silty, fw carb, no cup odr, ns.

LS: gry/tan, slight mott, micro-fn xln, mostly dense, sm firm, 2-3 pcs w/ pr scat vuggy por, drk stns in por, gd fluor, strm cut, vssfo on brk, fw Chert: gry, smokey, sharp, no cup odr.

LS: gry/tan, slight mott, fn xln, many dense, many firm, 3 pcs w/ fr inbxdn por, drk brn sat stns, gd fluor, strm cut, fr sfo, faint-? cup odr.

LS: tan/lt gry, slight mott, fn xln, sm ool, fw brittle, mostly dense, sub-chlky, tr-nvp, svrl pcs pur chl, no cup odr, ns.

LS: tan/lt tan, slight mott in prt, fn xln, v fw ool, many dense, sm brittle, fw firm, chlky in prt, tr-nvp, fw pcs pur chl, no cup odr, ns.

LS: lt tan/lt gry, slight mott, fn xln, many dense, sm brittle, sub-chlky in prt, tr-nvp, fw SH: gry/brn, silty, no cup odr, ns.

LS: tan/lt gry, slight mott, fn xln, many dense, sm firm, fw sub-chlky, sm flakey, tr-nvp, sm SH: gry/brn/gm, silty, no cup odr, ns.

LS: tan/lt gry, slight mott, fn xln, fw foss, mostly dense, sm hard, fw sub-chlky, tr-nvp, fw pcs pur chl, fw SH: gry, silty, no cup odr, ns.

LS: lt brn/lt gry, slight mott, fn xln, mostly dense, many firm/hard, fw flakey like, tr-nvp, v fw SS: v fn gm, arg, dense, hard, tr-nvp, svrl SH: gry/brn/gm, silty, soft, no cup odr, ns.

1st Blow: 1/2" Blowbuilt to 1" (No BB)

2nd Blow: Surface Blow (No BB)

IFP: 22-25# ISIP: 539# FFP:

27-28# FSIP: 461#

HYD: 2052-1995#

Rec: 30' VSOCM (1% Oil)

Hot Shale Kick

Pawnee @ 4231' (-1384)

CFS @ 4252' (30"/60")

Hot Shale Kick

Little Osage @ 4258' (-1411)

Hot Shale Kick

Excello @ 4275' (-1428)

Mud Report #7

4304'	12/11/15	
Wt	Vis	pH
9.2	51	10.5
Flt	Chl	LCM
7.2	3.5K	2#

CFS @ 4304' (30"/60")

Cherokee @ 4306' (-1459)

DST #3 4270'-4326'

12-11-2015 30/30/30/15 "Ft Scott"

1st Blow: Surf Blow built to 3/4" (No BB)

2nd Blow: No Blow (No BB)

IFP: 22-27# ISIP: 1065# FFP:

29-34# FSIP: 788#

HYD: 2155-2050#

Rec: 10' OSM

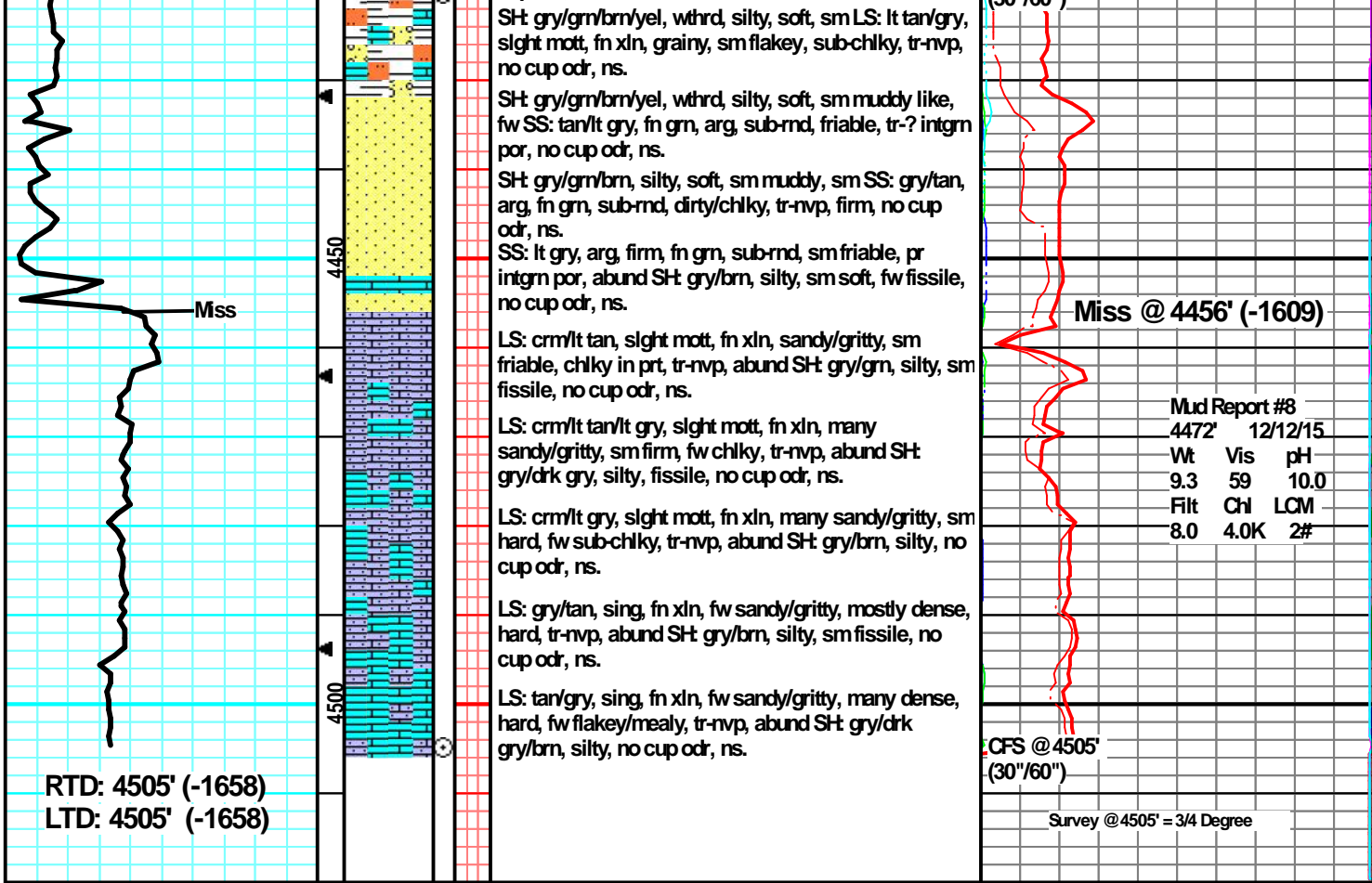
CFS @ 4326' (30"/60")

Johnson @ 4351' (-1504)

TG, C1-C5

Morrow @ 4409' (-1562)

CFS @ 4420' (30"/60")



SH: gry/grn/brn/yel, withrd, silty, soft, sm LS: lt tan/gry, slight mott, fn xln, grainy, sm flakey, sub-chlky, tr-nvp, no cup odr, ns.

SH: gry/grn/brn/yel, withrd, silty, soft, sm muddy like, fw SS: tan/lt gry, fn gn, arg, sub-rnd, friable, tr-? intgrn por, no cup odr, ns.

SH: gry/grn/brn, silty, soft, sm muddy, sm SS: gry/tan, arg, fn gn, sub-rnd, dirty/chlky, tr-nvp, firm, no cup odr, ns.

SS: lt gry, arg, firm, fn gn, sub-rnd, sm friable, pr intgrn por, abund SH: gry/brn, silty, sm soft, fw fissile, no cup odr, ns.

LS: crm/lt tan, slight mott, fn xln, sandy/gritty, sm friable, chlky in prt, tr-nvp, abund SH: gry/grn, silty, sm fissile, no cup odr, ns.

LS: crm/lt tan/lt gry, slight mott, fn xln, many sandy/gritty, sm firm, fw chlky, tr-nvp, abund SH: gry/drk gry, silty, fissile, no cup odr, ns.

LS: crm/lt gry, slight mott, fn xln, many sandy/gritty, sm hard, fw sub-chlky, tr-nvp, abund SH: gry/brn, silty, no cup odr, ns.

LS: gry/tan, sing, fn xln, fw sandy/gritty, mostly dense, hard, tr-nvp, abund SH: gry/brn, silty, sm fissile, no cup odr, ns.

LS: tan/gry, sing, fn xln, fw sandy/gritty, many dense, hard, fw flakey/mealy, tr-nvp, abund SH: gry/drk gry/brn, silty, no cup odr, ns.

Miss @ 4456' (-1609)

Mud Report #8
 4472' 12/12/15

Wt	Vis	pH
9.3	59	10.0
Filt	Chl	LCM
8.0	4.0K	2#

CFS @ 4505'
(30"/60")

Survey @ 4505' = 3/4 Degree

RTD: 4505' (-1658)
 LTD: 4505' (-1658)



CONSOLIDATED
Oil Well Services, LLC

4926
4834

TICKET NUMBER 49617
LOCATION Oakley KS
FOREMAN Jerry Y

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

**FIELD TICKET & TREATMENT REPORT
CEMENT**

Invoice #806589 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-5-15	3012	McDaniel 2-12	12	1.5	34W	Logan
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Concord Resc. Corp.			731	Cory D		
MAILING ADDRESS			515	Keith C		
CITY	STATE	ZIP CODE				

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 302 CASING SIZE & WEIGHT 8 7/8 29#
 CASING DEPTH 302 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 124 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 18 bbl DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & rig up on WLD-8 break circulation with rig tree hookup to truck & mix 210 sks class A 3% CC 2% gal wash up & displac with 18 bbl fresh water & start in. Circulated approx 1 bbl to pit

Cement did
circulate

Thank you
Jerry's crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	40	MILEAGE	7.15	286.00
CE0710	9.87	ton mileage delivery	125	690.90
7156 CC5871	210 sks	surface blend (com 3 & 2)	23.00	4830.00
			subtotal	7306.90
			-35% b.b.s.c.	2557.42
			subtotal	4749.48
			SALES TAX	251.16
			ESTIMATED TOTAL	5000.65

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.



CONSOLIDATED
Oil Well Services, LLC

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

4975
4882

TICKET NUMBER 49624
LOCATION Oakley, KS
FOREMAN Kelly Gabel
Miles Shaw

Invoice # 806612
FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
12-12-15	3012	McDaniel 2-12	12	15	34	Logan	
CUSTOMER		OAKLEY		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		5 to Gold Rd w to curve 25 w to r n+w into		753	Cody		
CITY		STATE	ZIP CODE	566	Rob		
				529+1127	Keith		
				563	640		

JOB TYPE Prod HOLE SIZE 7 7/8 HOLE DEPTH 4505 CASING SIZE & WEIGHT 5 1/2 17#
 CASING DEPTH 2279 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 125-148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 52 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, rigged up on w to w #8, mixed 50 SKS 60/40 Poz 890 gel 1/4 # flo-seal & displaced to 4430, ran float equip. on 5TS of casing centralizers #1, 5, 9, 14, 19, 23 basket on #2 ran pipe to bottom & circulated for 1 1/2 hrs, mixed 30 SKS RH mixed 470 SKS down center.
mixed mudflush, 20 bbl KCL
washed out pumps, released Plug & displaced with bbl water
lit pressure 600#, plug landed @ 1500#
Cement did circulate Thank you Kelly, Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0007	40 mi	MILEAGE	7.15	286.00
CE0710	23.65	Ton mileage delivery	17.5	1655.50
CC5831	550 SKS	lite weight Blend X	17.50	9625.00
CC6075	138 #	celloflake	2.00	276.00
CC5862	100 SKS	Thixo Blend III	26.00	NC
CC6077		Kol-seal	.50	NC
CC5326	200 #	Salt	NC	NC
CP8485	1	5 1/2 AF4 Float shoe (w)	585.00	585.00
CP8254	1	5 1/2 latchdown Assy/w Plug (w)	400.00	400.00
CP8554	6	5 1/2 centralizer (w)	81.00	486.00
CP8629	1	5 1/2 basket (w)	385.00	385.00
CC6125	500 gal	mudflush	.65	325.00
CC5301	2 gal	KCL	39.00	78.00
		sub		16001.50
		less	350.00	5600.53
		Total		10400.93
		SALES TAX		632.33
		ESTIMATED TOTAL		11033.30

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE 12-12-15

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.

Concorde Resources Corp.
P.O. Box 841
111 South Main
Eufaula, OK 74432

McDaniels #2-12
Sec 12, Twp 15S, R 34W
Logan Co., KS

**Set Surface Pipe,
Drilling Supervision, &
Set Pipe**

Prepared for: Gary Moores & Bill Woods

November 5, 2015

Prepared by:
Dreiling Enterprises, LLC
Preston L. Dreiling
815 Main Street
Victoria, KS 67671
(785) 639-2099

Concorde Resources Corp.
McDaniels #2-12
Set Surface Pipe
Saturday December 5, 2015

Drill down to 302', circulate hole clean. Trip out of hole with collars and bit.

7 joints of 24# 8 5/8" (295.36')

WW welder cut texas shoe on bottom joint of 8 5/8".

Trip in the hole with 8 5/8" welding and strapping all the collars.

Run landing joint. Set pipe at 301'.

10:40 p.m. Tag bottom and rig up Consolidated.

10:55 p.m. Break circulation with rigs mud pump.

11:05 p.m. Start mixing. Mixed 200 sacks common 3% C.C., 2% gel.

11:25 p.m. Done mixing. Start displacement.

11:30 p.m. Displaced 18 barrels of water. Left 20' of cement in 8 5/8". (Circulated 2 barrels of cement to pit.)

Rig Consolidated down.

Concorde Resources Corp.
McDaniels #2-12
Drilling Supervision-Mud Up
Tuesday December 8, 2015

Displaced mud according to Mudco recommendations, 700 barrels at 3365'.

Short trip at 3705' pulled 35 stands.

Rig check- All OK.

Concorde Resources Corp.

P.O. Box 841

111 South Main

Eufaula, OK 74432

McDaniels #2-12

Sec 12, Twp 15S, R 34W

Logan Co., KS

DMW

Completion

Prepared for: Gary Moores & Bill Woods

February 2, 2016

Prepared by:
Dreiling Enterprises, LLC
Preston L. Dreiling
815 Main Street
Victoria, KS 67671
(785) 639-2099

Concorde Resources Corp.
McDaniels #2-12
Friday January 22, 2016

Move in and rig up Alliance Well Service.
Rig up Perf-tech. Run Dual Receiver Cement Bond Log.
Perforate 1700'-1750' 2 spf with strip jets.
Rig Perf-tech down. Rig up casing swab.
Swabbed well down to 1700'. Last pull getting a lot of mud and cuttings.
Let set 30 minutes- dry.
Rig up Perf-tech. Perforate 1800'-1850' 2 spf. with strip jets.
Rig down Perf-tech. Rig up casing swab.
Swabbed well down to 1700'. Kicking in about 50' per pull. Started to get a lot of mud and cuttings.
Swabbed dry.
SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Saturday January 23, 2016

Alliance Well Service on location.
Rig up casing swab had 25' of mud.
Pfeifer's loaded tubing with water.
Rig up Perf-tech. Perforate 1700'-1720' 4 Spf. 39 gram. 4" expendable gun.
Rig Perf-tech down.
Rig up casing swab.
Swab well down. Kicking in 100' of fluid a pull. Starting to get some sand.
With last pull off of bottom started to get a lot of drilling mud and cuttings.
Let set 15 minutes- dry.
SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Monday January 25, 2016

Alliance Well Service on location.

Had 10' of mud in the hole.

Hauled 60 joints of tubing from Mcdaniels #1-12 to salt water disposal. Trip in the hole with notched collar and tubing to 1860'.

Rig up Pro-Stim. Loaded hole with salt water. Start acid in pumped 12 barrels of acid with 2 barrels of flush.

Shut backside in and started to pressure up on zone. With one barrel of acid out worked pressure to 900#. Started to feed 1 ½ Bpm at 880#. ISIP- 880#, 5 minutes- 800#, 30 minutes- 800#. Released to truck. Treated with 500 gallon of 15% MCA.

Trip out of hole with tubing.

Rig up casing swab. Swab well down. Last pull off of bottom getting up a lot of drilling mud and cuttings.

SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Tuesday January 26, 2016

Went into KCC office at Hays and met with Case Morris.

Agreed to Perforate 1550'-1590' and 1430'-1460'.

Alliance Well Service on location.

Pfeifer's loaded casing.

Rig up Perf-tech. Perforate 1550'-1590' 2 Spf. jet strip and 1430'-1460' 4 Spf. jet strip.

Rig Perf-tech down.

Rig up casing swab. Swab well down.

Started kicking in 80' of fluid each pull and getting up sand.

Swabbed steady for 4 hours.

SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Wednesday January 27, 2016

Alliance Well Service on location.

Rig up casing swab. Tag fluid 300' from surface.

Swab well down. Kicking in 120' of fluid a pull and getting up sand.

Swabbed steady for 10 hours. By the end of the day kicking in 250' of fluid per pull.

SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Thursday January 28, 2016

Alliance Well Service on location.

Rig up casing swab. Tag fluid 400' from surface.

Swab well down. Kicking in 250' of fluid a pull and getting up sand.

Swabbed steady for 10 hours.

SHUT DOWN FOR THE DAY.

Concorde Resources Corp.
McDaniels #2-12
Friday January 29, 2016

Alliance Well Service on location.

Run in the hole with casing jars. Tag at 1750'.

Rig up casing swab. Tag fluid 400' from surface.

Swab well down. Kicking in 250' of fluid a pull and getting up sand.

Swabbed steady for 9 hours.

SHUT DOWN FOR THE DAY.

**Concorde Resources Corp.
McDaniels #2-12
Saturday January 30, 2016**

Alliance Well Service on location.

Tag fluid with casing jars at 400' from surface.

Trip in the hole with 5 ½" packer and tubing. Set packer at 1400'.

Hook up Pfeifer's water truck to tubing. Took 80 barrels of salt water at 1.6 Bpm on a vac.

Release packer and trip out of hole with tubing and packer.

Ordered seal-tite tubing, 5 ½" AD-1 packer, well head, 3" PVC and well head connections from Sunrise.

Tyson Dreiling Construction hauled tubing from salt water disposal back to McDaniels #1-12 and started to trench salt water line.

Tally in the hole with 5 ½" AD-1 and 43 joints of 2 3/8" seal-tite tubing.

Rig up Pfeifer's. Pumped 28 barrels of water treated with packer fluid.

Set packer at 1405' with 8 ½" of stretch (20,000# over). Land tubing and pack off well head.

Pressure backside to 300#- held for 30 minutes.

Rig Alliance Well Service down and back in on McDaniels #1-12

**Concorde Resources Corp.
McDaniels #2-12
Sunday January 31, 2016**

Tyson Dreiling Construction on location.

Finished trenching in salt water line.

Made up well connection at well head.

Hooked up float assembly at salt water tank.

Fixed land owners fresh water line in two places we crossed line.

Backfilled trench and put panels back around tank battery.

**Concorde Resources Corp.
McDaniels #2-12
Monday February 1, 2016**

Pfeifer's pressured backside of disposal. Held for 30 minutes.

Darrel with the KCC witnessed.

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



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

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

Sam Brownback, Governor

June 01, 2016

Gary Moores
Concorde Resources Corporation
111 S. MAIN ST.
PO BOX 841
EUFAULA, OK 74432

Re: ACO-1
API 15-109-21440-00-00
McDaniel 2-12
NE/4 Sec.12-15S-34W
Logan County, Kansas

Dear Gary Moores:

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 12/05/2015 and the ACO-1 was received on May 26, 2016 (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