



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1215901
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: _____

1215901

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: Yes No

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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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: #6 Wicked Witch
Location: 1980' FNL & 1980' FWL, C SE NW, 31-19S-23W
License Number: API: 15-135-25707
Spud Date: 12/02/2013
Surface Coordinates: LAT 38.3580459
LONG -99.9085171
Bottom Hole Vertical hole
Coordinates: Bottom Hole Survey = 1/2 Degree
Ground Elevation (ft):2301' **K.B. Elevation (ft):** 2306
Logged Interval (ft):3600' **To:** RTD **Total Depth (ft):**4444'
Formation: Mississippian at RTD
Type of Drilling Fluid:Chemical

Region: Ness County

Drilling Completed:12/09/2013

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

OPERATOR

Company: D & J Oil Company, Inc.
Address: 4720 West Garriott
Enid, OK 73703
(580) 242-3636

GEOLOGIST

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

COMMENTS

Contractor: Murfin Drilling Rig #16
Pusher: Andy Dinkel (785) 443-2377
Surface Casing: 5 joints of 8 5/8" set at 218'
Production Casing: 5.5" Production Casing was installed.
Mud by: Andy's Mud
DST's by: Diamond Testing
Logs by: Pioneer Wireline Services (DIL, CN-CD, ML)
RTD=4444'
LTD=4450'

FORMATION TOPS









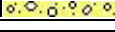




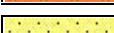
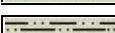











FORMATION	SAMPLE TOPS		LOG TOPS	
	Depth	Datum	Depth	Datum
Heebner Shale	3726'	-1420	3727'	-1421
Lansing	3797'	-1491	3800'	-1494
Stark Shale	4014'	-1708	4022'	-1716
Hushpuckney Shale	4052'	-1746	4059'	-1753
Base of KC	4078'	-1772	4088'	-1782
Marmaton	4111'	-1805	4112'	-1806
Pawnee	4204'	-1898	4209'	-1903
Fort Scott	4286'	-1980	4289'	-1983
Cherokee Shale	4310'	-2004	4313'	-2007
Conglomerate	4339'	-2033	4345'	-2039
Mississippian	4377'	-2071	4380'	-2074
Osage	4418'	-2112	4422'	-2116
RTD	4444'	-2138		
LTD			4450'	-2144

DSTs

DST #1 "Ft Scott" 12/08/2013
 4270'-4310' 30-45-45-60
 1st Blw = WSB blt to 1/2" (No BB)
 2nd Blw = WSB blt to 3/4" (No BB)
 IFP = 7-14# ISIP = 932# FFP = 17-22# FSIP = 305#
 HYD = 2083-2082#
 30' Mud W/ Tr of Oil

DST #2 "Mississippi" 12/08/2013
 4385'-4406" 30-45-45-60
 1st Blw = 1/2" blw blt to 5" (Wk Surf BB)
 2nd Blw = 1/4" blw blt to 7" (No BB)
 IFP = 8-29# ISIP = 1265# FFP = 32-45# FSIP = 1160#
 HYD = 2154-2154#
 100' Total Fluid, 25' CO, 10' MCO (82% Oil), 65' HMCO (58% Oil)

ROCK TYPES

	Anhy		Salt		Dol		Stlysh
	Cht		Shale		Dtd		Sdy dolo
	Coal		Shcol		Gry sh		Silty dolo
	Congl		Shgy		Sandylms		Shy dolo
	Dol		Sltst		Shale		Shaly ls
	Gyp		Ss		Sltstn		
	Lmst		Carb sh		Shlyslts		

ACCESSORIES

FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite



- Plant
- Strom
- Fuss
- Oomold

MINERAL

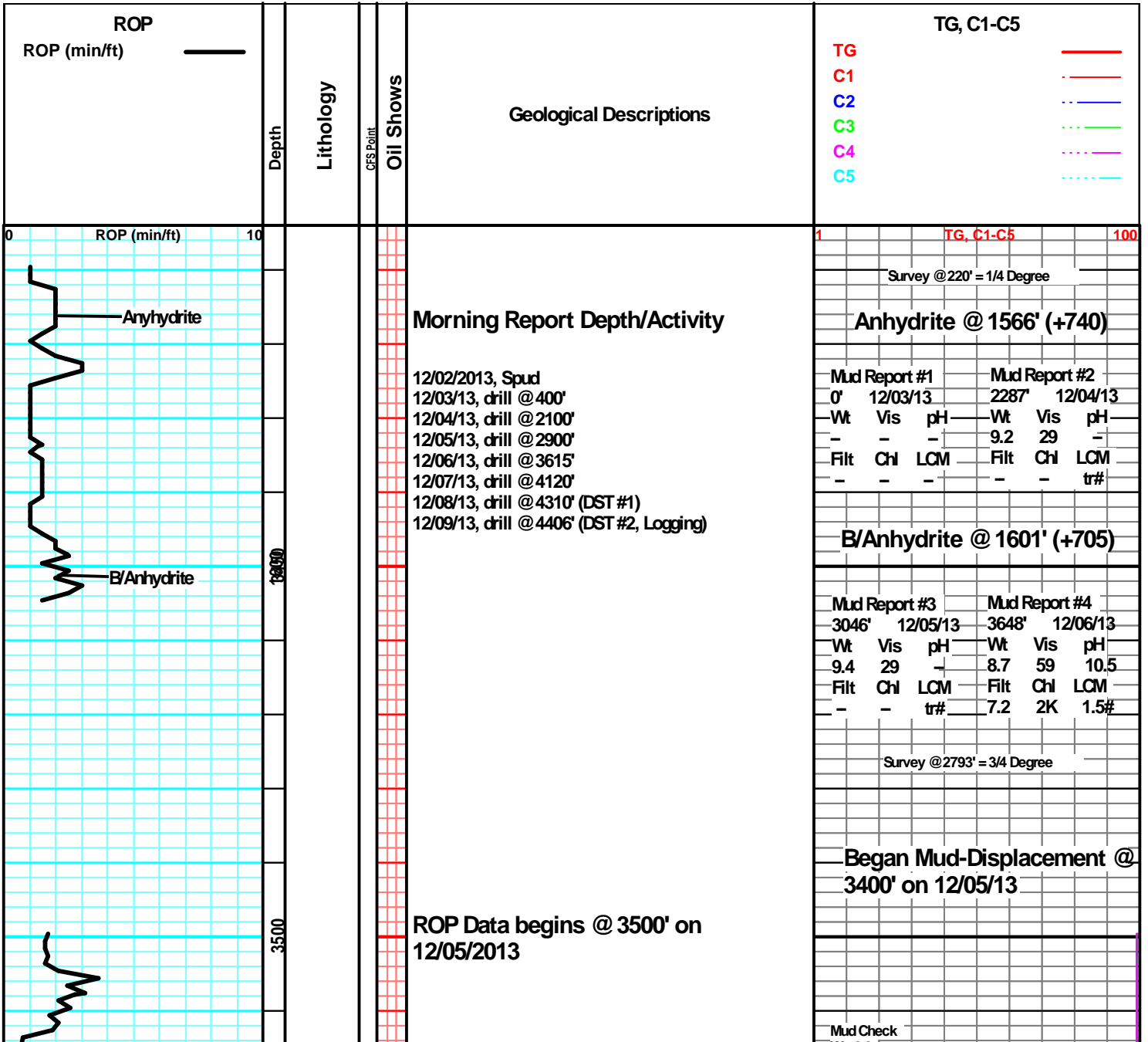
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Breclrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr

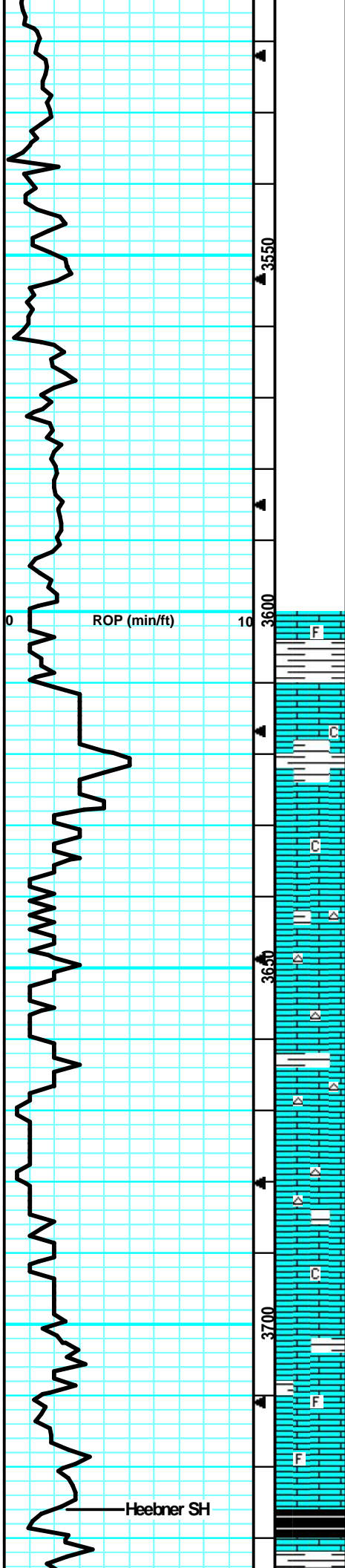


- Glau
- Gyp
- Hvymn
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Slty

STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh
- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn





Drill cutting samples at 10' intervals start at 3600'.

LS: tan/gry, fn xln, mostly dense, fw foss in prt, v fw brittle, sm firm, tr-nvp, fw SH: gry/brn, silty, no cup odr, ns.

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

LS: tan/lt gry, fn xln, sm dense, fw brittle, fw foss frags in prt, sub-chlky in prt, tr-nvp, v fw SH: gry, silty, no cup odr, ns.

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

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

LS: tan/lt tan, fn xln, fw mott in prt, mostly dense, fw firm, sub-chlky in prt, v fw brittle, tr-nvp, v fw Chert: lt brn, sharp, no cup odr, ns.

LS: tan/lt brn, fn xln, sm mott in prt, mostly dense, fw firm, fw sub-chlky in prt/brittle, sm flakey/mealy, tr-nvp, fw Chert: lt brn, sharp, no cup odr, ns.

LS: tan/lt brn, fn xln, sm mott in prt, mosity dense, sm sub-chlky in prt/brittle, tr-nvp, fw Chert: lt brn, sharp, no cup odr, ns.

LS: tan/lt tan, fn xln, sm dense, fw brittle, chlky/sub-chlky in prt, tr-nvp, fw pcs pur chlk, v fw Chert: tan, sharp, no cup odr, ns.

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

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

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

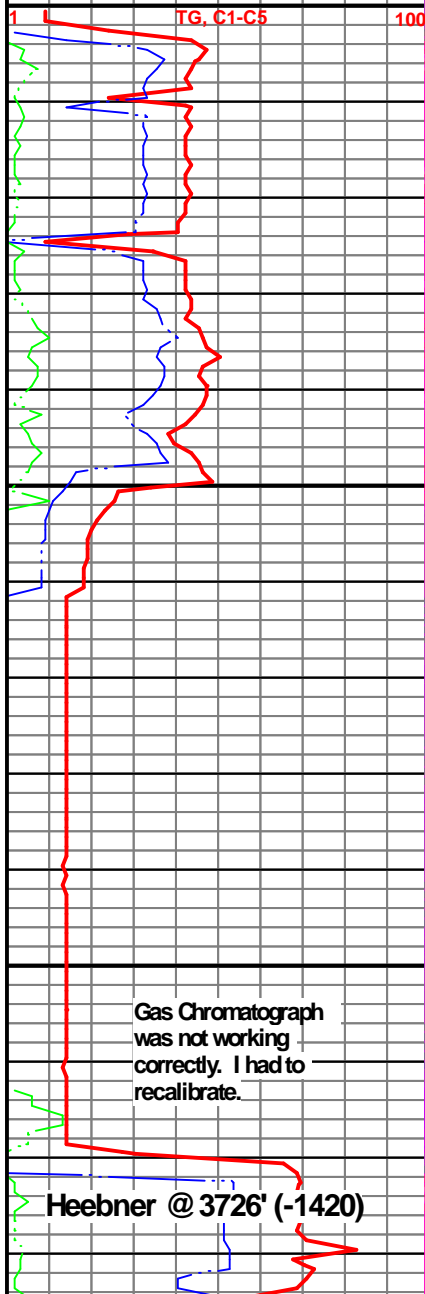
LS: tan/gry, fn xln, mostly brittle, fw dense, fw foss frags, sub-chlky in prt, tr-nvp, fw pcs pur chlk, sm SH: gry, silty, med crush, no cup odr, ns.

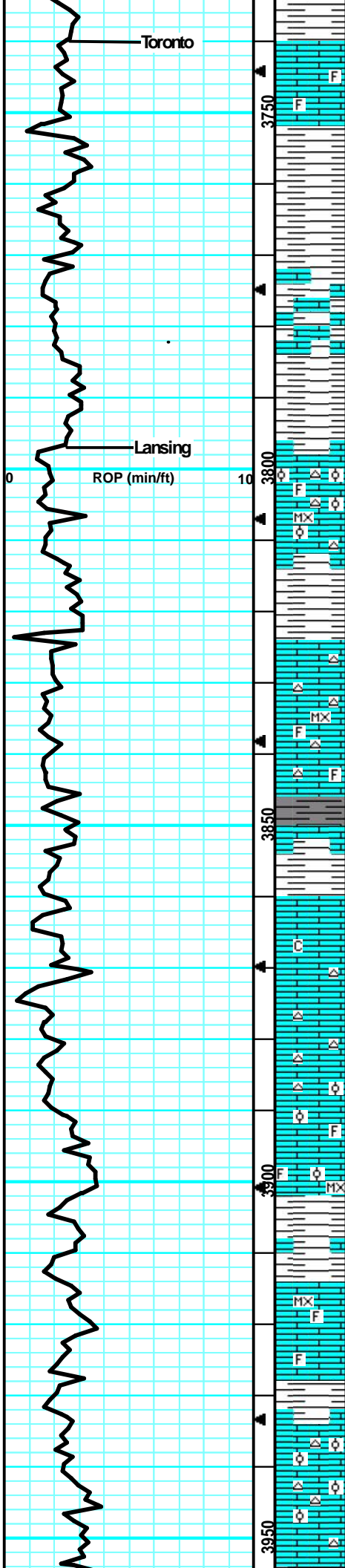
LS: gry/tan, fn xln, sm mott in prt, sm dense, fw brittle, fw firm, fw sub-chlky in prt, tr-nvp, sm SH: gry/blk, silty, fw carb, no cup odr, ns.

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

Wt=8.8
Vis=95
LCM=1.5#

Mud Check
Wt=8.8
Vis=75
LCM=1.5#





frags, sm brittle, sm sub-chlky in prt, tr-nvp, fw pcs pur chlk, fw SHt blk, silty, carb, no cup odr, ns.

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

LS: tan/lt tan, micro-fn xln, mostly dense, sm brittle, fw sub-chlky in prt, tr-nvp, svrl SHt gry/bm, silty, soft, sm muddy like, no cup odr, ns.

LS: tan/lt brn, fn xln, mostly dense, fw foss frags in sm, fw brittle, tr-nvp, abund SHt gry/bm, silty, soft, fw muddy like, no cup odr, ns.

LS: tan/lt gry, fn xln, sm mott in prt, fw dense, fw brittle, sm scat 2nd rxln, tr-nvp, fw pcs w/ drk min stns, no fluor/cut, fw SHt gry, silty, soft, no cup odr, ns.

LS: tan/gry, fn xln, sm mott in prt, sub-chlky in prt, sm brittle, fw foss frags, fw firm, tr-nvp, fw SHt gry, silty, soft, no cup odr, ns.

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

LS: lt tan/gry, micro-fn xln, mostly dense, fw brittle, fw sub-chlky in prt, v fw w/ sm ool, tr-nvp, svrl SHt gry/bm, silty, no cup odr, ns.

LS: tan/lt gry, micro-fn xln, fw foss, mostly dense, sm brittle, fw sub-chlky in prt, tr-nvp, fw Chert: wht/opaque, foss, sharp, fw SHt gry/grn, silty, fw waxy, no cup odr, ns.

LS: tan/lt tan, fn xln, sm dense, mostly brittle, fw sub-chlky in prt, fw foss in prt, sm scat 2nd rxln, tr-nvp, fw Chert: wht/opaque, sharp, no cup odr, ns.

LS: lt tan/crm, micro-fn xln, mostly dense, many brittle, sub-chlky in prt, tr-nvp, fw lrg cal nodule, sm Chert: wht/opaque, sharp, no cup odr, ns.

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

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

LS: tan/lt gry, fn xln, sm dense, fw brittle, fw sub-chlky in prt, fw pcs w/ scat 2nd rxln, tr-nvp, fw pcs pur chlk, no cup odr, ns.

LS: lt gry/tan, fn xln, mostly dense, sm brittle, fw firm, fw sub-chlky in prt, tr-nvp, fw pcs Chert: tan/smoke, sharp, fw SHt gry/grn, silty, fw waxy, no cup odr, ns.

LS: tan/lt tan, fn xln, fw dense, sm brittle, sub-chlky in prt, fw pcs w/ 2nd rxln, tr-nvp, fw pcs pur chlk, fw Chert: lt tan/wht, sharp, no cup odr, ns.

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

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

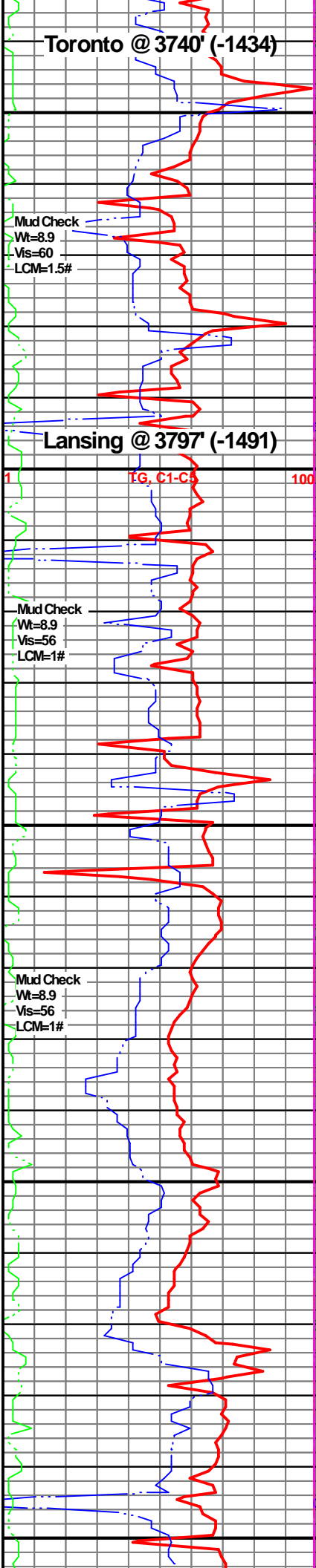
LS: tan/lt gry, fn xln, sm dense, many brittle, sm foss in prt, fw sub-chlky, tr-nvp, fw pcs pur chlk, fw SHt gry, silty, fw soft, no cup odr, ns.

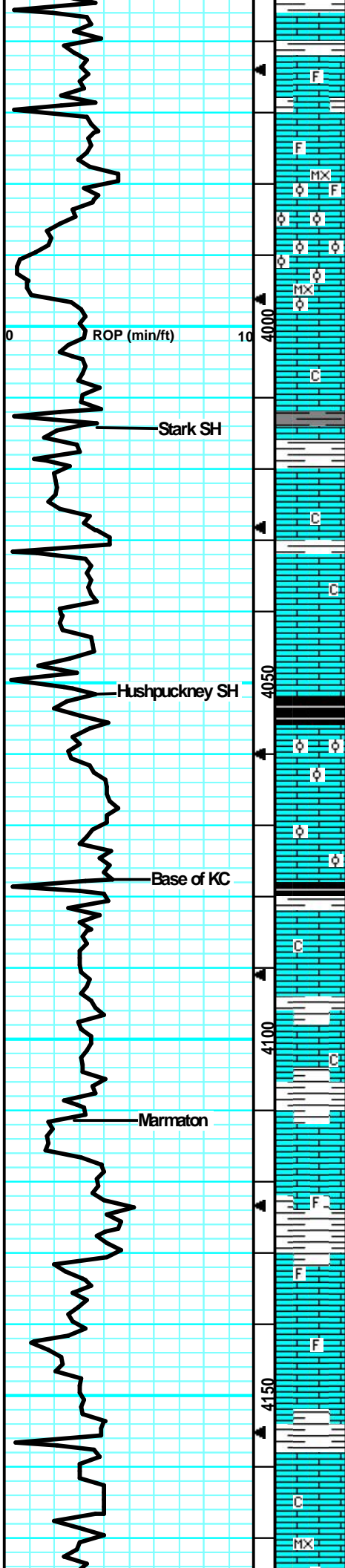
LS: tan/lt tan, fn xln, fw mott in prt, fw foss frags, sm dense, fw brittle, fw sub-chlky in prt, tr-nvp, fw pcs pur chlk, sm SHt gry/grn, silty, fw waxy, sm soft, no cup odr, ns.

LS: tan/lt gry, fn xln, fw mott in prt, fw dense, sm brittle, sm ool, sm sub-chlky in prt, tr-nvp, fw Chert: lt gry/smoke, sharp, sm SHt gry, silty, fw fissile, no cup odr, ns.

LS: tan, fn xln, sm mott in prt, sm dense, fw brittle, sm flakey/mealy, tr-nvp, svrl SHt gry, silty, fw fissile, sm soft, no cup odr, ns.

LS: tan, fn xln, fw mott in prt, sm dense, fw brittle, sm





flakey/mealy, tr-nvp, fw SH: gry, silty, sm soft, no cup odr, ns.

LS: tan/lt tan, fn xln, many dense, fw foss frags in prt, fw brittle, sm sub-chlky in prt, fw flakey/mealy, tr-nvp, sm SH: gry, silty, soft, no cup odr, ns.

LS: tan/lt tan, fn xln, many dense, fw foss frags in prt, fw brittle, sm firm, fw sub-chlky, tr-nvp, svrl SH: gry/gm, silty, soft, no cup odr, ns.

LS: tan/lt tan, micro-fn xln, sm dense, fw ool, sm brittle, fw sub-chlky in prt, tr-nvp, svrl SH: gry/gm/brn, silty, soft, no cup odr, ns.

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

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

LS: tan/lt gry, fn xln, fw mott in prt, fw firm, fw sub-chlky in prt, tr-nvp, svrl SH: gry/drk gry/brn, silty, sm soft, no cup odr, ns.

LS: tan/lt gry, fn xln, sm dense, fw firm, sub-chlky in prt, fw gritty, tr-nvp, svrl SH: gry/gm, silty, fw waxy, soft, no cup odr, ns.

LS: tan/lt gry, fn xln, sm dense, fw firm, sm gritty like, fw sub-chlky in prt, tr-nvp, svrl SH: gry/gm/brn, silty, fw waxy, no cup odr, ns.

LS: tan/lt gry, fn xln, many dense, fw brittle, sm gritty like, tr-nvp, fw pcs pur chl, svrl SH: gry/blk, silty, soft, many carb, no cup odr, ns.

SH: gry/gm/blk, silty, soft, sm waxy, many carb, fw LS: tan, fn xln, fw gritty like, tr-nvp, fw pcs pur chl, no cup odr, ns.

LS: lt gry/crm/lt tan, fn xln, sm mott in prt, sm ool, many chlky, mostly brittle, tr-nvp, fw SH: gry/blk, silty, soft, fw carb, no cup odr, ns.

LS: crm/lt gry, fn xln, sm mott in prt, sm ool, many chlky/sub-chlky, brittle, tr-nvp, svrl pcs pur chl, many SH: gry/blk, silty, sm carb, no cup odr, ns.

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

LS: tan/gry, fn xln, mostly dense, fw firm, sm flakey/mealy, fw brittle, tr-nvp, fw SH: gry/brn, silty, sm soft, no cup odr, ns.

LS: gry/tan/lt brn, fn xln, many dense, fw firm, sm flakey/mealy, fw brittle, scat 2nd rxln in sm, tr-nvp, fw SH: gry/brn, silty, soft, no cup odr, ns.

LS: lt gry/lt brn, fn xln, mostly dense, sm 2nd rxln in prt, many flakey/mealy, fw brittle, tr-nvp, fw SH: gry/blk, silty, fw carb, soft, no cup odr, ns.

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

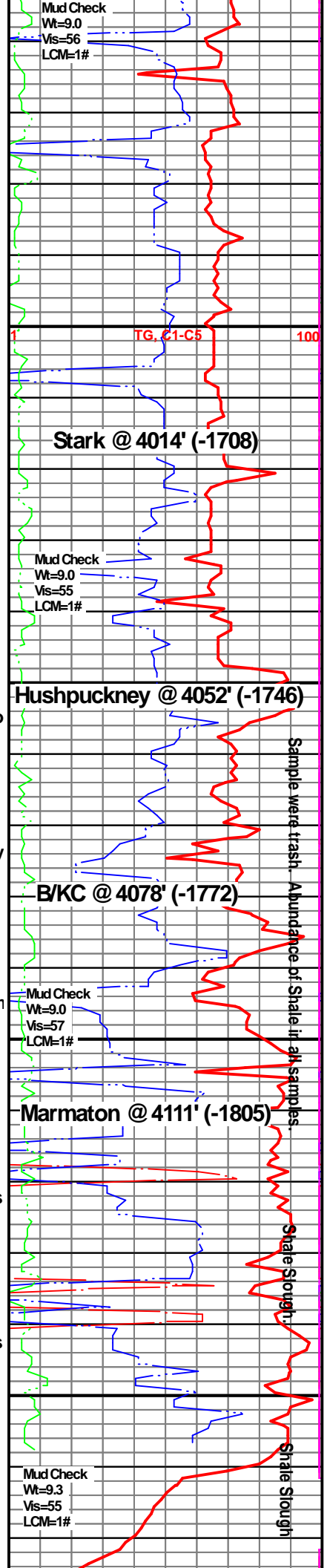
LS: lt gry/lt tan/crm, fn xln, fw mott, mostly brittle, sm foss frags in prt, chlky/sub-chlky, tr-nvp, fw pcs pur chl, fw SH: gry, silty, soft, no cup odr, ns.

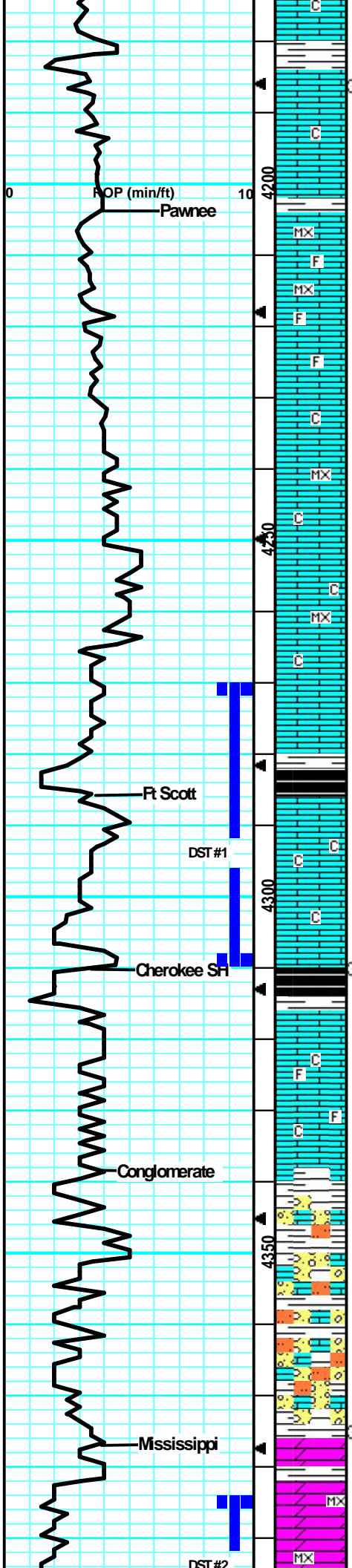
LS: lt gry/lt tan, fn xln, fw mott in prt, sm brittle, fw foss in prt, sm sub-chlky, tr-nvp, fw pcs pur chl, sm SH: brn/gry, silty, muddy, no cup odr, ns.

LS: tan/lt gry, fn xln, sm mott in prt, sm scat 2nd rxln, mostly dense, sm firm, fw sub-chlky/brittle, tr-nvp, fw SH: brn/gry, silty, sm muddy like, no cup odr, ns.

LS: lt gry/lt tan, fn xln, mostly dense, fw brittle, sm sub-chlky in prt, sm scat 2nd rxln, tr-nvp, sm SH: gry/brn, silty, sm muddy like, no cup odr, ns.

LS: lt tan/lt gry, micro-fn xln, mostly dense, fw brittle,





fw sub-chlky in prt, w/ flakey/mealy, tr-nvp, fw SH gry/brn, silty, no cup odr, ns.

LS: tan/gry, fn xln, fw mott in prt, mostly dense, sm firm, fw flakey/mealy, tr-nvp, fw pcs w/ drk min strns, no fluor/cut, fw Chert: wht/opaque, sharp, fw SH gry, silty, soft, no cup odr, ns.

LS: tan/lt gry, fn xln, sm dense, fw sub-chlky in prt, fw flakey, sm brittle, fw firm, tr-? intxn por in sm, fw SH gry/blu, silty, fissile, no cup odr, ns.

LS: tan/lt gry, micro-fn xln, mostly dense, sm firm, fw sub-chlky in prt, sm flakey/mealy, tr-nvp, fw SH gry, silty, soft, no cup odr, ns.

LS: tan/lt tan, micro-fn xln, sm foss in prt, mostly dense, sm firm, fw brittle, fw flakey, fw sub-chlky in prt, tr-nvp, fw SH gry/brn, silty, fw fissile, no cup odr, ns.

LS: tan/lt gry, fn xln, fw foss frags, sm dense, fw brittle, fw sub-chlky in prt, sm flakey/mealy, tr-nvp, svrl SH gry/brn/grn, silty, fw waxy, no cup odr, ns.

LS: tan/lt gry, fn xln, mostly dense, sub-chlky in prt, many firm, sm flakey/mealy, tr-nvp, svrl SH gry/brn, silty, fissile, no cup odr, ns.

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

LS: tan/lt brn, fn xln, mostly dense, sm hard, many firm, sub-chlky in prt, tr-nvp, abund SH gry/brn/grn/blk, silty, fw carb, no cup odr, ns.

LS: tan, micro-fn xln, mostly dense, sm hard, many firm, sub-chlky in prt, fw flakey/mealy, tr-nvp, svrl SH gry/brn/blk, silty, soft, fw carb, no cup odr, ns.

SH gry/brn/blu/blk, silty, soft, sm carb, fw fissile, fw LS: lt tan, micro-fn xln, mostly dense, fw brittle, sub-chlky in prt, tr-? intxn por in fw, no cup odr, ns.

SH blk/gry/drk gry, silty, mostly carb, soft, fw fissile, fw LS: tan/lt tan, fn xln, mostly dense, fw sub-chlky, tr-nvp, no cup odr, ns.

SH blk/gry/brn, silty, many carb, soft, fw fissile, fw LS: lt tan/tan, fn xln, mostly dense, sm brittle, fw sub-chlky, tr-nvp, no cup odr, ns.

LS: tan/lt tan, fn xln, many dense, sub-chlky in prt, fw brtty, pr intxn por on edge, scat dul yel fluor on sm edge, lght brn strns, wk-? cut resid, no cup odr, nsfo.

SH gry/blk/brn/grn, silty, soft, sm waxy, fw carb, fw LS: tan/lt gry, fn xln, fw mott in prt, fw dense, mostly brittle, chlky/sub-chlky, tr-nvp, no cup odr, ns.

SH: gry/grn/blk, silty, soft, fw fissile, fw waxy, fw carb, sm LS: tan/lt gry, fn xln, sm dense, fw brittle, sm scat 2nd rxln, tr-nvp, no cup odr, ns.

SH gry/brn/grn, silty, soft, fw fissile, fw SH str: lt gry, gritty, v soft, sm LS: tan/lt gry, fn xln, fw foss in prt, sub-chlky, fw flakey/mealy, tr-nvp, no cup odr, ns.

SH gry/brn, silty, soft, fw SH str: brn, v soft, gritty like, fw LS: tan/lt brn, fn xln, sm sandy, fw flakey, sub-chlky, tr-nvp, no cup odr, ns.

SH gry/grn/brn, silty, soft, fw muddy like, sm LS: lt tan/crm/lt gry, fn xln, sm dense, mostly brittle, fw flakey/mealy, chlky/sub-chlky, fw pcs w/ pr intxn por, no cup odr, ns.

SH: gry/brn/blk, silty, soft, fw carb, sm LS: gry/lt brn, fn xln, mostly dense, firm, fw flakey/mealy, tr-nvp, fw Chert: wht/opaque, sharp, no cup odr, ns.

SH gry/brn/gry, silty, soft, fw waxy, fw carb, sm LS: lt tan/lt brn, fn xln, mostly dense, fw firm, sm flakey/mealy, tr-nvp, no cup odr, ns.

DOL: lt gry/lt tan, micro-fn xln, mostly dense, sm brittle, scat vuggy por, 2nd rxln in vugs, drk hvy strns in vug, wk dul yel fluor, cut pal blu, gd cup odr, svrl SH gry/grn, silty, soft, vssfo.

DOL: lt gry/lt tan, micro-fn xln, mostly dense, sm firm, scat gd vuggy por, drk patchy sat strns, fr-gd cup, dul yel fluor, some cut f. of cfa.

Mud Report #5
 4181' 12/07/13
 Trip 15 Stands and Jet/Run in new tank of mud.
 Wt 9.3 Vis 61 pH 9.5
 Filtr Chl LCM 8.4 2K 1#

Pawnee @ 4204' (-1898) 100

Outside Temperature was in the low single digits. Gas line froze up and Chromatograph was not receiving air from the mud.

Mud Check
 Wt=9.2
 Vis=69
 LCM=1#

Mud Check
 Wt=9.2
 Vis=72
 LCM=1#

DST #1 "Ft Scott"
 12/08/2013 4270'-4310'
 30-45-45-60
 1st Blw= WSB bit to 1/2" (No BB)
 2nd Blw= WSB bit to 3/4" (No BB)
 IFP= 7-14# ISP= 932#
 FFP= 17-22# FSP= 305#
 HYD= 2083-2082#
 30' Mud W/ Tr of Oil

Ft Scott @ 4286' (-1980)

Mud Check
 Wt=9.2
 Vis=66
 LCM=1#

Survey @ 4310' = 3/4 Degree

CFS @ 4310'
 (30"/60")

Cherokee @ 4310' (-2004)

Mud Check
 Wt=9.3
 Vis=58
 LCM=1#

Conglomerate @ 4339' (-2033)

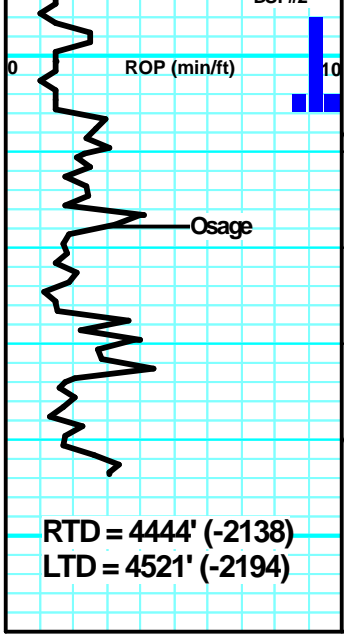
Mud Check
 Wt=9.4
 Vis=59
 LCM=1#

Mud Report #6
 4373' 12/08/13
 Wt 9.4 Vis 56 pH 10.0
 Filtr Chl LCM 7.2 3K 1#

CFS @ 4375'
 (30"/60")

Miss @ 4377' (-2071)

DST #2 "Mississippi"
 12/08/2013
 4385'-4406" 30-45-45-60
 1st Blw= 1/2" blw bit to 5" (Wk



yel fluor, strn cut, ir sil.
 DOL: lt gry/lt tan, micro-fn xln, sm dense, fw firm, gd vug por, drk hvy sat stns in por, dul yel fluor, strn cut, fr sfo on brk, fr-gd cup odr. 60" Smple cont more chlky fn inbxln por w/ ssfo.
 DOL: tan/lt tan, micro-fn xln, sm brittle, fw sub-chlky in prt, fw pcs vug por, brn stns, much like sho above, abund SHt gry/brn, silty, sof,t no cup odr, ns.
 DOL: fw like desc above, sm lt tan, sub-chlky, brittle, tr-nvp, abund SHt gry/brn, silty, soft, sm Chert: wht/opaque, sharp, no cup odr, ns.
 Chert: wht/opaque, sharp, fw foss frags, fw DOL: lt tan, fn xln, chlky, tr-nvp, svrl SHt gry/brn, silty, sm soft, no cup odr, ns.
 Chert: wht/opaque, sharp, v hrd, sm DOL: lt tan/crm, fn xln, chlky, brittle, tr-nvp, sm SHt gry/brn/gm, silty, soft, no cup odr, ns.

CFS @ 4400'
 (30"/60")
 2nd Blw = 1/4" blw blt to 7" (No BB)
 IFP = 8-29# ISIP = 1265# FFP 0
 = 32-45# FSIP = 1160#
CFS @ 4406'
 (30"/60")
 HYD = 2154-2154#
 100' Total Fluid, 25' CO, 10' MCO
 (82% Oil), 65' HMCO (58% Oil)

Osage @ 4418' (-2112)

Mud Report #7
 4443' 12/09/13
 Wt Vis pH
CFS @ 4444' 9.2 53 10.5
 (30"/60") Fil Ch LCM
 6.8 6K 1.5#

Survey @ 4444' = 1/2 Degree

DIAMOND TESTING

General Information Report

General Information

Company Name D&J OIL COMPANY, INC.
Contact CRAIG ROBERTS
Well Name WICKED WITCH #6
Unique Well ID DST #2, MISSISSIPPIAN, 4385-4406
Surface Location SEC 31-19S-23W, NESS CO. KS.
Field FRANKLIN
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, MISSISSIPPIAN, 4385-4406
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator D&J OIL COMPANY, INC.
Report Date 2013/12/09
Prepared By TIM VENTERS
Qualified By JOHN GOLDSMITH

Start Test Date 2013/12/08
Final Test Date 2013/12/09

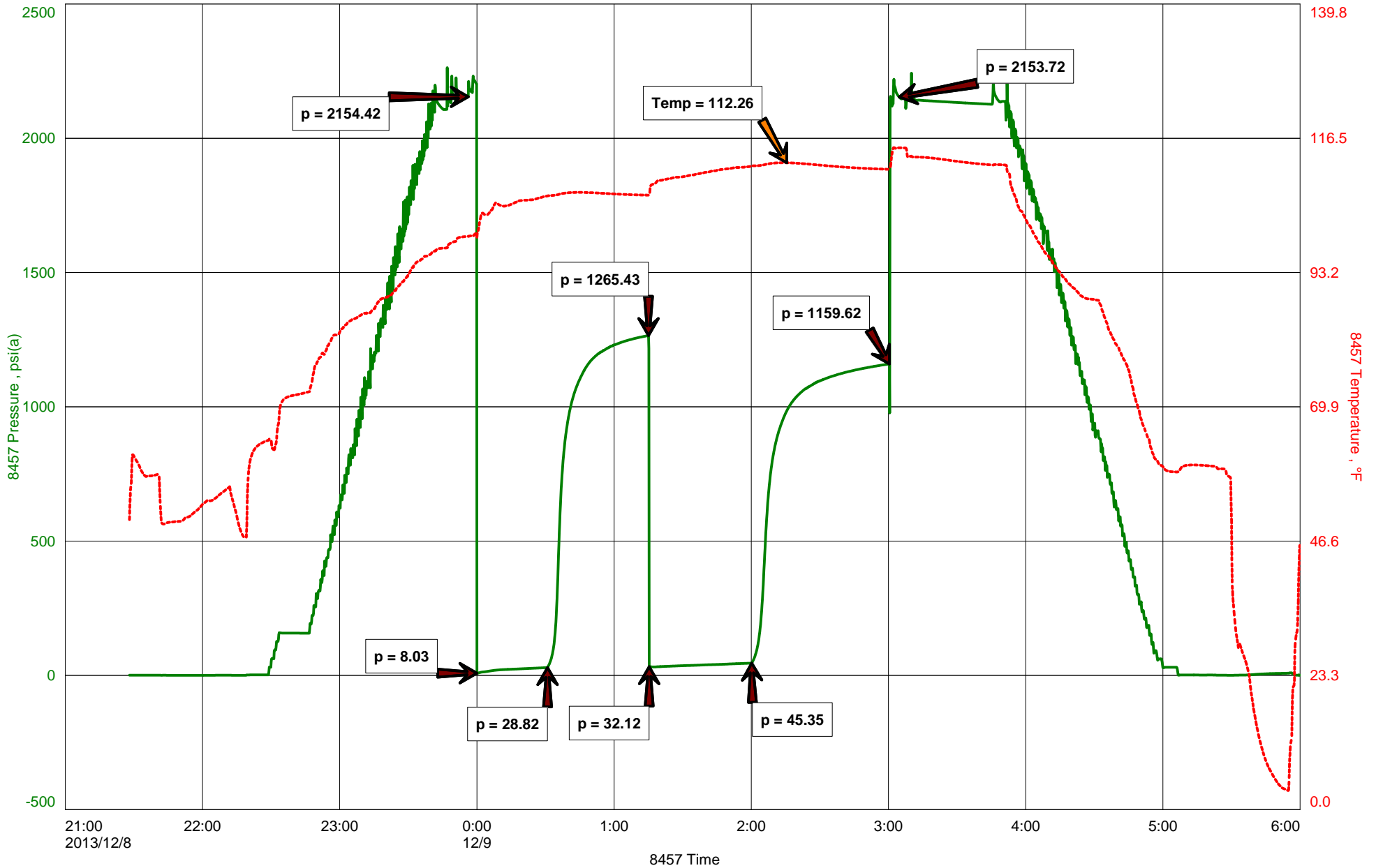
Start Test Time 21:28:00
Final Test Time 06:00:00

Test Recovery:

RECOVERED: 25' CO, 100% OIL, GRAVITY: 35
10' MCW, 82% OIL, 18% MUD
65' HMCO, 58% OIL, 42% MUD
100' TOTAL FLUID

TOOL SAMPLE: 47% OIL, 53% MUD

WICKED WITCH #6





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: WICKEDWITCH6DST2

TIME ON: 21:28 12-8-13
TIME OFF: 06:00 12-9-13

Company D&J OIL COMPANY, INC. Lease & Well No. WICKED WITCH #6
Contractor MURFIN DRILLING CO., INC. RIG #16 Charge to D&J OIL COMPANY, INC.
Elevation 2306 KB Formation MISSISSIPPIAN Effective Pay _____ Ft. Ticket No. T296
Date 12-8-13 Sec. 31 Twp. _____ 19 S Range _____ 23 W County NESS State KANSAS
Test Approved By JOHN GOLDSMITH Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4385 ft. to 4406 ft. Total Depth 4406 ft.
Packer Depth 4380 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4385 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4366 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4403 ft. Recorder Number 11029 Cap. 5,025 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 30 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4322 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 2 Test Tool Length 33 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 21 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/2 INCH BLOW, BUILDING TO 5 INCHES. (VWS BB)
2nd Open: WEAK 1/4 INCH BLOW, BUILDING TO 7 INCHES. (NO BB)

Recovered 25 ft. of CO, 100% OIL, GRAVITY: 35
Recovered 10 ft. of MCO, 82% OIL, 18% MUD
Recovered 65 ft. of HMCO, 58% OIL, 42% MUD
Recovered 100 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 47% OIL, 53% MUD	Total

Time Set Packer(s) 11:59 AM A.M. P.M. Time Started Off Bottom 2:59 AM A.M. P.M. Maximum Temperature 112 deg.

Initial Hydrostatic Pressure..... (A) 2154 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1265 P.S.I.
Final Flow Period..... Minutes 45 (E) 32 P.S.I. to (F) 45 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1160 P.S.I.
Final Hydrostatic Pressure..... (H) 2154 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



CONSOLIDATED
Oil Well Services, LLC

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

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 44584
LOCATION Oakley Ks
FOREMAN Jerry Y Fuzzy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-18-13		Wicked Witch #6	31	195	23W	Ness
CUSTOMER						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			
D&J Oil			Ness City			
			St 070			
			1w, 125,			
			E into			
TRUCK #		DRIVER		TRUCK #		DRIVER
399		Dane R				
530-7129		Jerome S				

JOB TYPE Part Callar HOLE SIZE 7 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 5 1/2 15.5
 CASING DEPTH _____ DRILL PIPE _____ TUBING 2 3/8 OTHER p.c. @ 1641
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Salty medicine & rig run on well head test to 1000# open tool take injection reflect
3 1/2 bpm @ 400# mix 225 sks of 60/40 8% gel 1/4# Stoseal shut down close tool
press to 1000# & hold run in 2 sts & reversed clean w/ 30 bbl fresh water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401B	1	PUMP CHARGE	1785 ⁰⁰	1785 ⁰⁰
5406	20	MILEAGE	5 ²⁵	105 ⁰⁰
5407	9.7	ton mileage delivery (min)	430 ⁰⁰	430 ⁰⁰
1131	225 sks	60/40 noz mix	15 ⁸⁶	3568 ⁵⁰
1186	1548 #	benfonte gel	.27	417 ⁹⁶
1107	56 #	Stoseal	2.97	166 ³²
			Subtotal	6472 ²⁸
			100/0% disc	6472 ²⁸
			Subtotal	5825 ⁵¹
			SALES TAX	
			ESTIMATED TOTAL	

3avin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

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

TICKET NUMBER 44554
LOCATION Oakley KS
FOREMAN Miles Shaw
Fuzzy McCullough

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-10-13		Wicked Witch #60	31	G5	23W	IVSS
CUSTOMER D + J Oil Company			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			450 THP	Dane R		
CITY STATE ZIP CODE			460	Cody R		

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 4444 CASING SIZE & WEIGHT 5 1/2" 15.5#
 CASING DEPTH 4429.24 DRILL PIPE _____ TUBING _____ OTHER PC @ 1641
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 106 1/2 DISPLACEMENT PSI LOW MIX PSI 1000 RATE _____

REMARKS: Safety meeting and rig up on Martin drilling rig #16 float equipment
 Centralizers on Sals #1, 3, 5, 7, 9, 11 Baskets on Sals #44 bottom PC on top
 of 44 @ ~~1641~~ 1641' Run casing to bottom circulate casing 45 min. Pump
 Sblts water mud flush Sblts water mix 150 S. 4s OWC with 4 5# Volsol
 Shutdown clear pump lines release plug diameter 106 1/2 bbls water with
 6000 PSI: 1 1/4" plug landed @ 1000 PSI released pressure shut in

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C		PUMP CHARGE	3175.00	3175.00
5406	20	MILEAGE	5.25	105.00
5407	9.4 tons	Ton mileage delivered	430.00	430.00
1120	200 Sblts	OWC	23.70	4740.00
1110A	1000 #	Volsol	.56	560.00
1144G	80 gal	Mud Flush	1.00	80.00
4104	1	5 1/2" Basket	290.00	290.00
4130	6	5 1/2" Centralizer	61.00	366.00
4159	1	5 1/2" Float shoe	433.75	433.75
4406	1	5 1/2" Rubber Plug	92.50	92.50
			Subtotal	10692.25
			less 107 dis account	10692.25
			Subtotal	9623.00
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 44550
LOCATION OAKLEY KS.
FOREMAN DAMON M.

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

FIELD TICKET & TREATMENT REPORT
CEMENT

KS.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-02-13	5018	WICKED WITCH #6	11	19	23W	NESS
CUSTOMER DJS OIL CO.			NESS CITY			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			70	399	TIM W	
STATE			1W	RIDE ALONG	STEVEN	
ZIP CODE			1/2 S	460	MIKE	
			1/2 E	RID ALONG	D.J	
			N INTO			

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 220 CASING SIZE & WEIGHT 8 5/8 24 #
 CASING DEPTH 218 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 12 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: SAFETY MEETING RIG UP ON MURFIN #16 CIRCULATED ON BOTTOM MIXED
160 SKS 3% CALCIUM 2% GEL DISPLACED W/ 122 BBL OF H2O SHUT IN RELEASED
PRESSURE WASHED UP AND RIGGED DOWN.

CEMENT DID CIRCULATE
APPROX 4 BBL TO THE PIT.

THANK YOU DAMON / CREW

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00
5406	20	MILEAGE	5.25	105.00
5407	7.52	TON MILEAGE DELIVERY (MIN)	430.00	430.00
11045	160 SKS	CLASS A CEMENT	18.55	2968.00
1102	431 #	CALCIUM CHLORIDE	.94	423.94
1118B	301 #	BETONITE	.27	81.27
			SUBTOTAL	5158.21
			LESS 10%	515.82
			SUBTOTAL	4642.39
			SALES TAX	
			ESTIMATED TOTAL	

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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

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

Sam Brownback, Governor

August 11, 2014

Craig Roberts
D & J Oil Company, Inc.
4720 W. GARRIOTT
ENID, OK 73703

Re: ACO-1
API 15-135-25707-00-00
Wicked Witch 6
NW/4 Sec.31-19S-23W
Ness County, Kansas

Dear Craig Roberts:

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 12/2/2013 and the ACO-1 was received on July 24, 2014 (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