



1101175

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

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

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 727

Date	8-27-12	Sec.	14	Twp.	14	Range	99	County	Conroe	State	TX	On Location	10:30 AM	Finish	2:45 PM	
Lease	Cobley B		Well No.	1		Location	Conroe 95 West 1040									
Contractor	Discovery Pig 3							Owner	To Quality Oilwell Cementing, Inc.							
Type Job	plug							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	T.D. 4510							Charge To	Mustang Energy							
Csg.	Depth 2175							Street								
Tbg. Size	Depth							City	State							
Tool	Depth							The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.	Shoe Joint							Cement Amount Ordered	220 % 4% gel							
Meas Line	Displace															

EQUIPMENT

Pumptrk	#9	No.	Cementor	Helper	Common
Bulktrk	#14	No.	Driver	Driver	Poz. Mix
Bulktrk		No.	Driver	Driver	Gel.

JOB SERVICES & REMARKS

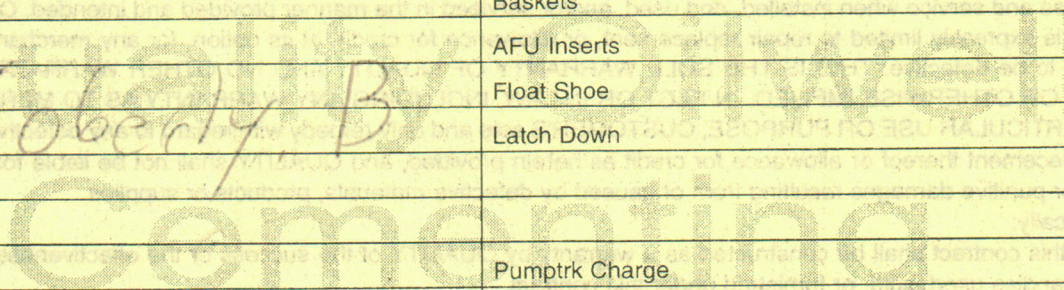
Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

FLOAT EQUIPMENT

1st	9175	75	545	Guide Shoe
2nd	1175	100	545	Centralizer
3rd	275	40	545	Baskets
4th	40	10	545	AFU Inserts

Lease Cobley B

	Float Shoe
	Latch Down
	Pumptrk Charge
	Mileage
	Tax
	Discount
X Signature	Total Charge





MUSTANG ENERGY CORPORATION

Scale 1:240 Imperial

Well Name: COBERLY B #1
 Surface Location: NW SE NW NE 14-14S-29W
 Bottom Location:
 API: 15-063-22010-0000
 License Number: 33922
 Spud Date: 8/18/2012 Time: 3:00 PM
 Region: GOVE
 Drilling Completed: 8/26/2012 Time: 9:25 PM
 Surface Coordinates: 830' FNL & 1910' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2698.00ft
 K.B. Elevation: 2706.00ft
 Logged Interval: 0.00ft To: 0.00ft
 Total Depth: 4510.00ft
 Formation: LANSING-KANSAS CITY
 Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: MUSTANG ENERGY CORPORATION
 Address: P.O. BOX 1121
 HAYS, KS 67601
 Contact Geologist: ROD BRIN
 Contact Phone Nbr: (785) 623-0533
 Well Name: COBERLY B #1
 Location: NW SE NW NE 14-14S-29W
 Pool:
 State: KANSAS
 API: 15-063-22010-0000
 Field: COBERLY EAST
 Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: -100.5084911 Latitude: 38.8418013
 N/S Co-ord: 830' FNL
 E/W Co-ord: 1910' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601
 Phone Nbr: (785)259-3737
 Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: DISCOVERY DRILLING
 Rig #: 3
 Rig Type: MUD ROTARY
 Spud Date: 8/18/2012 Time: 3:00 PM
 TD Date: 8/26/2012 Time: 9:25 PM
 Rig Release: 8/27/2012 Time: 3:00 PM

ELEVATIONS

K.B. Elevation: 2706.00ft Ground Elevation: 2698.00ft
 K.B. to Ground: 8.00ft

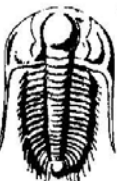
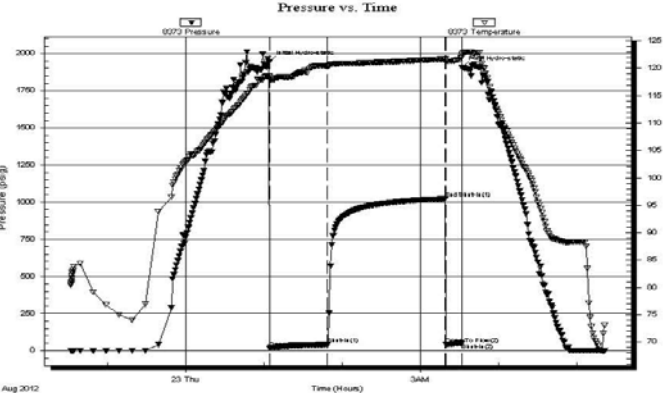
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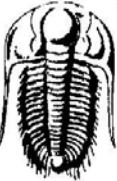
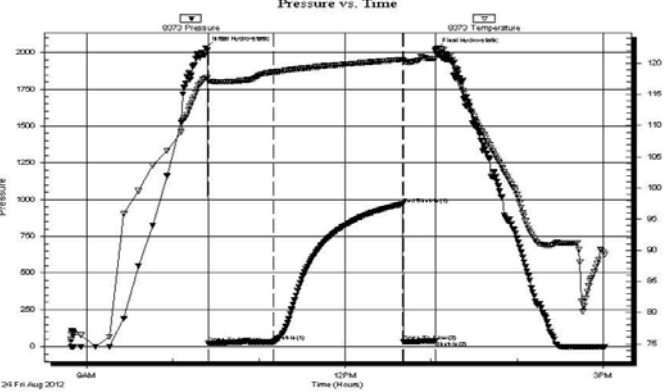
DUE TO LACK OF RECOVERY ON ALL THREE DST'S AND AFTER LOG ANALYSIS IT WAS AGREE ON BY ALL PARTIES TO PLUG AND ABANDON THE WELL.

RESPECTFULLY SUBMITTED,
 JEFF LAWLER

WELL COMPARISON SHEET

FORMATION	WELL COMPARISON SHEET																	
	VOYAGER PETROLEUM, INC.				MUSTANG ENERGY				CHIEF DRILLING				VOYAGER PETROLEUMS LTD.					
	BURT #14-5				COBERLY C #1				H.W. COBERLY B #1				COBERLY #14-10					
	NE SE NW 14-14-29		NW SE NE SE 11-14-29		SE SE 11-14-29		NW NW SE 14-14-29		SE SE 11-14-29		NW NW SE 14-14-29		SE SE 11-14-29		NW NW SE 14-14-29			
KB	2706	KB	2692	KB	2702	KB	2698	KB	2698	KB	2661	KB	2661	KB	2661			
LOG TOPS	SAMPLE TOPS	LOGS	LOG	SMPL.	CARD/SMPL TOPS	LOG	SMPL.	DATA SOURCE	LOG	SMPL.	DATA SOURCE	LOG	SMPL.	DATA SOURCE	LOG	SMPL.		
DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	DEPTH	DATUM	
ANHYDRITE TOP	2153	553	2132	560		2149	553		2145	553		2118	543		2118	543		+ 10
BASE	2184	522				2183	519		2178	520		2150	511		2150	511		+ 11
TOPEKA	3561	-855	3549	-857		3550	-848											
HEEBNER SHALE	3780	-1074	3780	-1088		3773	-1071		3780	-1082		3731	-1070		3731	-1070		- 4
TORONTO	3798	-1092	3801	-1109		3793	-1091		3800	-1102		3750	-1089		3750	-1089		- 3
LKC	3816	-1110	3817	-1125		3810	-1108		3819	-1121		3770	-1109		3770	-1109		- 1
MUNCIE CREEK	3974	-1268	3975	-1283		3961	-1259		3972	-1274		3926	-1265		3926	-1265		- 3
STARK SH.	4064	-1358	4067	-1375		4051	-1349		4063	-1365		4011	-1350		4011	-1350		- 8
BKC	4138	-1432	4137	-1445		4116	-1414		4131	-1433		4085	-1424		4085	-1424		- 8
MARMATON	4155	-1449	4164	-1472		4145	-1443		4155	-1457		4134	-1473		4134	-1473		+ 24
PAWNEE	4229	-1523	4249	-1557		4221	-1519					4223	-1562		4223	-1562		+ 39
MYRICK STATION	4290	-1584	4304	-1612		4280	-1578											
FT. SCOTT	4317	-1611	4329	-1637		4307	-1605		4324	-1626		4300	-1639		4300	-1639		+ 28
CHEROKEE SHALE	4345	-1639	4353	-1661		4333	-1631					4323	-1662		4323	-1662		+ 23
JOHNSON ZONE	4390	-1684	4400	-1708		4381	-1679		4350	-1652		4372	-1711		4372	-1711		+ 27
MISSISSIPPIAN	4416	-1710	4442	-1750		4405	-1703		4439	-1741		4392	-1731		4392	-1731		+ 21
RTD	4510	-1804	4500	-1808		4500	-1798		4460	-1762		4464	-1803		4464	-1803		- 1
LTD			4506	-1814		4501	-1799					4465	-1804		4465	-1804		

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT																																										
	Mustang Energy Corp. PO Box 1121 Hays KS 67601 ATTN: Jeff Lawler	14-14-29-Logan Coberly B #1 Job Ticket: 50005 DST#: 1 Test Start: 2012.08.22 @ 22:32:05																																									
GENERAL INFORMATION: Formation: LKC-"E&F" Deviated: No Whipstock: ft (KB) Time Tool Opened: 01:04:35 Time Test Ended: 05:21:35 Test Type: Conventional Bottom Hole (Initial) Tester: Tate Lang Unit No: 60 Interval: 3892.00 ft (KB) To 3928.00 ft (KB) (TVD) Total Depth: 3928.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair Reference Elevations: 2706.00 ft (KB) 2696.00 ft (CF) KB to GR/CF: 10.00 ft																																											
Serial #: 8373 Inside Press@RunDepth: 42.18 psig @ 3893.00 ft (KB) Capacity: 8000.00 psig Start Date: 2012.08.22 End Date: 2012.08.23 Last Calib.: 2012.08.23 Start Time: 22:32:10 End Time: 05:21:34 Time On Btm: 2012.08.23 @ 01:04:05 Time Off Btm: 2012.08.23 @ 03:32:05																																											
TEST COMMENT: 45-IF-Weak Surface Blow Built to 2 in. 90-ISI-Dead No Return Blow 15-FF-Dead No Blow Flushed Tool Weak Surface Blow Died In 4 mins FS-T.O.H.																																											
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">PRESSURE SUMMARY</th> </tr> <tr> <th>Time (Min.)</th> <th>Pressure (psig)</th> <th>Temp (deg F)</th> <th>Annotation</th> </tr> </thead> <tbody> <tr><td>0</td><td>1945.04</td><td>118.65</td><td>Initial Hydro-static</td></tr> <tr><td>1</td><td>19.62</td><td>118.04</td><td>Open To Flow (1)</td></tr> <tr><td>45</td><td>42.18</td><td>120.41</td><td>Shut-In(1)</td></tr> <tr><td>135</td><td>1023.95</td><td>121.72</td><td>End Shut-In(1)</td></tr> <tr><td>136</td><td>45.75</td><td>121.26</td><td>Open To Flow (2)</td></tr> <tr><td>148</td><td>51.12</td><td>121.99</td><td>Shut-In(2)</td></tr> <tr><td>148</td><td>1907.20</td><td>122.63</td><td>Final Hydro-static</td></tr> </tbody> </table>		PRESSURE SUMMARY				Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	1945.04	118.65	Initial Hydro-static	1	19.62	118.04	Open To Flow (1)	45	42.18	120.41	Shut-In(1)	135	1023.95	121.72	End Shut-In(1)	136	45.75	121.26	Open To Flow (2)	148	51.12	121.99	Shut-In(2)	148	1907.20	122.63	Final Hydro-static					
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	Mustang Energy Corp. PO Box 1121 Hays KS 67601 ATTN: Jeff Lawler	14-14-29-Logan Coberly B #1 Job Ticket: 48412 DST#: 2 Test Start: 2012.08.24 @ 08:48:46																																									
GENERAL INFORMATION: Formation: LKC I-K Deviated: No Whipstock: ft (KB) Time Tool Opened: 10:24:46 Time Test Ended: 15:00:46 Test Type: Conventional Bottom Hole (Reset) Tester: Brandon Turley Unit No: 60 Interval: 4010.00 ft (KB) To 4100.00 ft (KB) (TVD) Total Depth: 4100.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair Reference Elevations: 2706.00 ft (KB) 2696.00 ft (CF) KB to GR/CF: 10.00 ft																																											
Serial #: 8373 Inside Press@RunDepth: 31.07 psig @ 4011.00 ft (KB) Capacity: 8000.00 psig Start Date: 2012.08.24 End Date: 2012.08.24 Last Calib.: 2012.08.24 Start Time: 08:48:51 End Time: 15:00:45 Time On Btm: 2012.08.24 @ 10:22:46 Time Off Btm: 2012.08.24 @ 13:03:16																																											
TEST COMMENT: IF: 1/4 blow built to 1 1/2 in 30 min. IS: No return. FF: No blow flushed tool surface blow died in 10 min. FS: Pulled tool.																																											
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* Recovery from multiple tests

DST #3 ALTAMONT "B" - PAWNEE

ROCK TYPES

Lmst fw7>
 shale, grn
 shale, gry
 Carbon Sh

ACCESSORIES

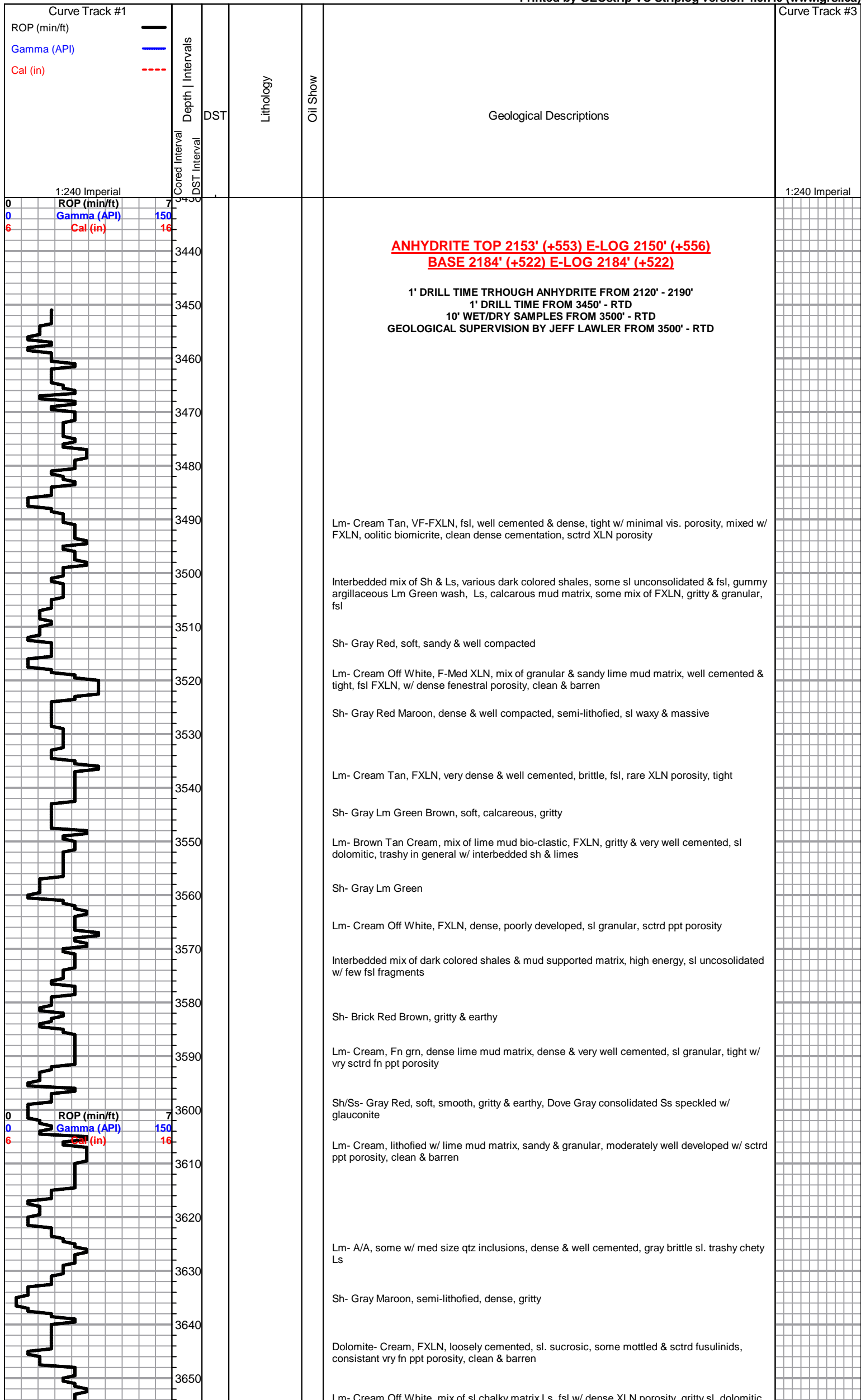
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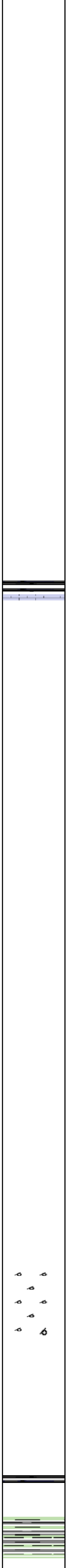
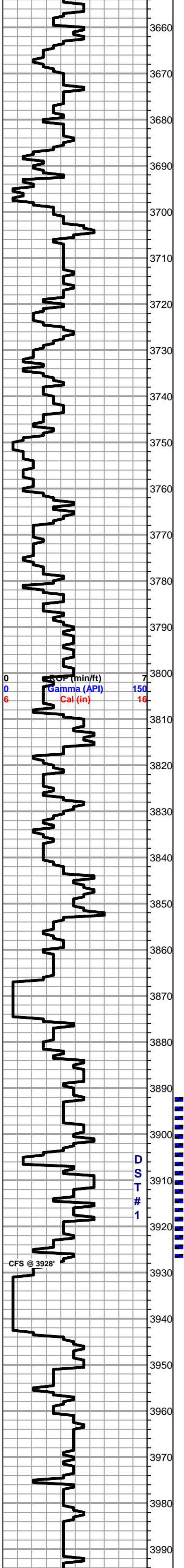
TEXTURE
 C Chalky

OTHER SYMBOLS

DST
■ DST Int
■ DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





off white chert, & FXLN, sl mottled Ls. w/ sctrd fsl.

Sh- Red Gray Lm Green, gritty & earthy, trashy gray sh, sl lithofied & dense, brittle

Lm- Lt Gray Off White, FXLN, mix of fsl cherty Ls & trashy high energy bio-cast w/ fsl fragments

Lm- Cream Off White, mix of granulat lime mud matrix, sandy, lt gray fsl dolomitic chert, & FXLN gritty dolomite

Sh/Ss- Brown Maroon Gray, gritty & earthy, soft smooth slivers, mixed w/ vf-f grn consolidated, some w/ calcareous matrix Ss

Lm/Dolomite- Cream Off White Buff, mix of F-Med XLN sl sucrosic loosley cemented dolomite, dense well cemented FXLN algal Ls w/o vis. grains, tight, & few chips of off white sl fsl. bedded chert

Sh- Gray Red Lm Green Lt Purple, soft, gritty & earthy, few chips waxy argillaceous & sandy, off white sandy lime

Sh- Gray Maroon Brown Lm Green Red, much soft thin slivers, dull calcareous lt gray, sandy lm green lime, girty off white sandy lime

Lm- White Off White Cream, mix of FXLN brittle Ls, sl cherty Ls, fsl sl dolomitic chert, & sharp angular bedded chert w/ sctrd fusulinids, all fsl, tight w/ minimal vis. porosity, clean & barren

Lm- Cream Tan, mix of sub-crypto XLN, brittle & dense, VF grn, chalky matrix, sl fsl, & FXLN, well cemented, sl fsl. tight w/ minimal vis. porosity

Lm- Cream Lt Gray, mix of FXLN, tight, fsl rare vry fn ppt porosity, F-Med XLN, sl unconsolidated & granular, sctrd ppt porosity, clean & barren

Sh- Gray Brown Maroon Red, thin soft slivers, red sandy dense & well compacted chips, soft gritty & earthy, few brown lime matrix chips w/ sand inclusions & speckled w/ glauconite

HEEBNER 3780' (-1074) E-LOG 3779' (-1073) Sh- Black Gray Red, fissile, very well compacted & dense, brittle, carbonaceous

Sh- Gray Dark Maroon Lm Green, sl unconsolidated & striated, waxy

TORONTO 3798' (-1092) E-LOG 3799' (-1093) Lm/Dolomite- Cream Tan, mix of VFXLN, dense & very well cemented tight dolomite, sl sucrosic, very few vis. rhombs, tight glazed texture, few chips of fsl sharp & angular bedded chert

Sh- White Red Drk Gray, sctrd white chalk, gritty, sandy shales & lime

LKC 3816' (-1110) E-LOG 3816' (-1110) Lm/Dolomite- Cream Off White, FXLN, fsl, tight, poorly developed w/ minimal ppt porosity, some w/ dense XLN, FXLN, sl sucrosic w/ vry fn ppt porosity, all clean & barren

Lm-A/A, more Ls, chalky in part

Sh- Brick Red Brown Lm Green, soft, gritty & earthy

Lm- Cream Tan, VF-FXLN, mix of crypto XLN, brittle w/ no vis. porosity, FXLN, fsl, sl oolitic & fsl, poorly developed w/ dense XLN porosity, few w/ rare fn ppt porosity, tight

Lm- Cream Tan, F-Med XLN, fsl oolitic-oolitic, partially dissolved skeletal, poor intracast connectivity, barren porosity, mix w/ sl dolomitic Ls, gritty, tight, all clean & barren, chalky in part

Lm- Cream Off White, F-Med XLN, sl fsl., tight & poorly developed, loosely cemented, scrt ppt porosity

Sh- Lt & Drk Gray & various dark colors, thin slivers, gritty chips, sl sandy, soft

Lm- Cream Tan Semi-Translucent, FXLN, sctrd development, most w/ sctrd to dense XLN porosity, some sl granular w/ sctrd lime mud matrix, some semi-translucent, sl dolomitic, sctrd XLN-vry fn ppt porosity, SCTRD LT STN, SL SFO, NO ODR, DULL FLOR. W/ SL STRM WET CUT all fine chips

Lm- Cream Tan, Fn Grn & FXLN, dense, chalky in part, soft, FXLN, sctrd development & fn ppt porosity, sl oolitic, semi-brittle, & sharp angular bedded white chert

Lm- Cream Tan, F-Med XLN, oolitic-oolitic, fully to partialy dissolved skeleton, poor to sctrd intracastic connectivity, loosely cemented, ppt to good vuggy porosity, NS, clean

Lm- Cream Off White, mix of VFXLN cherty sl oolitic, FXLN, dense & tight w/o vis porosity, few sctrd recrystallized inclusions, minimal visible porosity, chalky

Lm- Cream Off White, FXLN & fn grn., mix of FXLN, semi-brittle w/ dense XLN porosity, tight, & fn grn., dense algal Ls, tight, all clean & barren

MUNCIE CREEK 3974' (-1268) E-LOG 3973' (-1267) Sh- Black Brick Red Brown, fissile, soft, slaty, carbonaceous

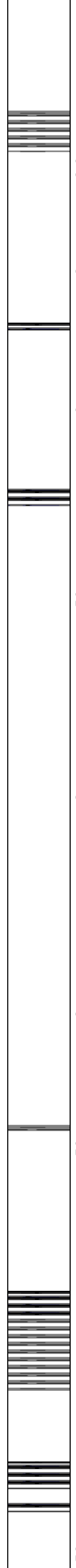
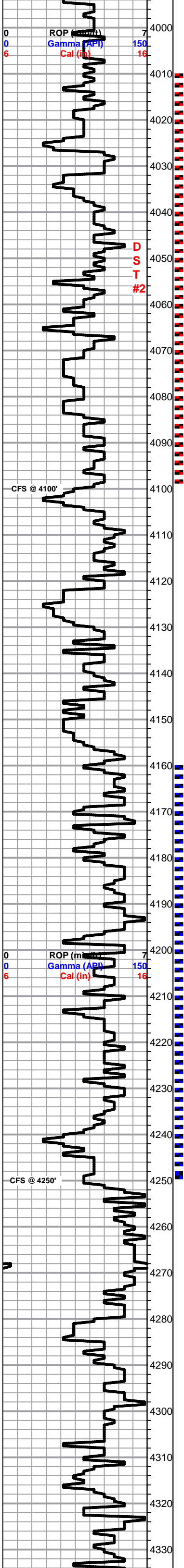
Lm- Tan Brown, FXLN, dense, brittle w/ sctrd XLN porosity, chalky in part, mottled, weak stn in chalk, no odr

Sh- Gray Lm Green, sticky argillaceous & gray wash

TIGHT CONN.

SHORT TRIP
SLOPE 1 dgr.
STRAP -1.11'

DST #1
LKC E&F
3892 - 3928



Lm- Cream Off White Lt Gray, VF-FXLN, dense, tight, sl fsl, some crypto XLN w/ sctrd crystal intercasts, well cemented, sctrd XLN porosity, clean & barren, sl chalky in part

Lm- Cream Off White, FXLN, brittle, tight, well cemented, few w/ sctrd crystal inclusions, minimal vis. porosity

Sh- Gray, sticky gummy argillaceous

Lm- Cream Off White, mix of very well cemented lime mud matrix, gritty, tight, WK SCTRDR STN, SL SFO UPON CRUSH, Med XLN, fsl & oolitic, tight, brittle & well cemented, sctrd vry fn ppt porosity, FR SCTRDR STN, SL SFO UPON CRUSH, FXLN gritty sl dolomitic well cemented & tight w/ micro XLN porosity, clean & barren

Sh- Gray Lm Green, sticky argillaceous clumps

Lm- Cream Off White, F-Med XLN, dense, well cemented, poorly developed mix of FXLN w/ XLN porosity & tight w/ few vis. grains & Med XLN, sl oolitic, semi-brittle, sctrd XLN & ppt porosity, WK SCTRDR DRK STN, VSL SFO UPON CRUSH, NO ODR

STARK SHALE 4064' (-1358) E-LOG 4064' (-1358) Sh- Black Gray, abundant fissile slaty carbonaceous, soft, sl unconsolidated & pebbly

Lm- Lt Gray Off White, Med XLN, oolitic - sl oolimidic, sctrd partially dissolved skeletal vugs, moderately well developed, FR SCTRDR DRK STN, SL SGSYFO UPON CRUSH, FR GSY ODR UPON CRUSH

Lm- Cream Smokey Gray, VF-FXLN, dense, poorly developed mix of sharp angular bedded chert, few chips of sl dolomitic chert, & FXLN sub-crypto XLN w/ few sctrd vis. grains, minimal vis. porosity & tight

Sh- Abundant soft black fissile slaty carbonaceous

Lm- Gray Tan, FXLN, dense, sl siliceous, sctrd oolites, well cemented, micro XLN porosity, tight, semi-trashy

Lm- Off White, Med XLN, very loosely cemented & crumbly, oolitic, sctrd ppt porosity, sctrd dense secondary porosity, WK SCTRDR STN, SL SGSYFO UPON CRUSH, NO ODR, BRIGHT STRM WET CUT & FLOR. UPON CRUSH, chalky

BKC 4137' (-1431) E-LOG 4132' (-1426) Sh- Black Gray, abundant soft gummy argillaceous gray wash & black shale

Sh- Lm Green Red, sandy lime & gummy argillaceous clumps

MARMATON 4155' (-1449) E-LOG 4159' (-1453) Lm- F-Med XLN, dense, well cemented, sl fsl, tight, brittle to sl chalky matrix, sctrd XLN porosity, clean & barren

Lm- Cream Tan, VFXLN, mostly sub-crypto XLN, tight & brittle, very limited vis. porosity, WK SCTRDR DRK STN, SL SFO UPON CRUSH, NO ODR, much barren porosity

Sh- Gray Green, dense, sl massive, some sl waxy, some sl. unconsolidated & pebbly

Ss- Cream Dove Gray Lm Green, Fn grn., consolidated & sorted, calcareous cementations, some sandy lime

Lm- Tan Cream, Crypto - VFXLN, very well cemented, tight, most w/o vis. porosity, some w/ dense secondary XLN porosity, few w/ sctrd small crystal inclusions, clean & barren

Lm- Cream Tan, A/A, dense, well cemented w/ dense secondary XLN porosity, few small pcs w/ SAT LT STN, NSFO, NO ODR, SEVERAL VARIOUS CHIPS W/ DULL HALO FLOR, soft, sl calcareous & chalky

Lm- Cream Tan, FXLN, well cemented, some sub-crypt XLN, minimal vis. porosity, most w/ dense secondary XLN porosity

PAWNEE 4229' (-1523) E-LOG 4239' (-1533) Lm- Cream Off White, F-Med XLN, sl fsl, moderately well developed, sctrd ppt porosity, well cemented, GD SCTRDR DRK STN, FR SFO UPON CRUSH, NO ODR, DULL FLOR. VRY SLW STRM WET CUT 40" smpl- A/A, oolitic, STN A/A W/ VRY FNT ODR, FR SFO

Lm- Cream Tan, VF-FXLN, dense, tight, very well cemented, some sub-crypto XLN, very minimal vis. porosity

Lm- Lt Brown Tan, mix of dense very well cemented algal Ls & gritty tight dolomitic Ls & dolomite

Sh- Black Drk Gray, abundant dense & very well compacted, fissile carbonaceous shale

MYRICK STATION 4290' (-1584) E-LOG 4296' (-1590) Lm- Lm- Tan Lt Brown, FXLN, mix of dense gritty algal Ls, FXLN, tight & very well cemented, & sub-crypto XLN w/ no visible porosity

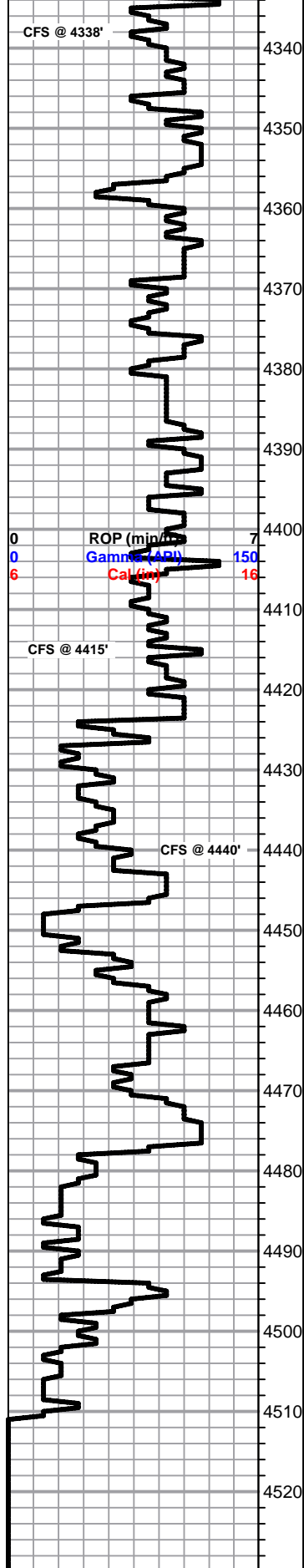
Lm- Tan Lt Brown, VF-FXLN, mix of sl cherty Ls, tight & brittle w/o vis. porosity, sl dolomitic Ls, gritty FXLN, dense & very well cemented, vry fn ppt porosity, all clean & barren, few chips of crypto XLN Ls

Sh- Black Gray White, abundant fissile slaty carbonaceous, gummy argillaceous gray clumps & soft white chalk

FT. SCOTT 4317' (-1611) E-LOG 4322' (-1616) Lm- Cream Tan, FXLN, dense, semi-brittle, tight, sl siliceous, sctrd XLN porosity w/ sctrd dense secondary fenestral XLN veins w/ recrystallization w/in, minimal vis. porosity excluding the crystals w/in secondary veins, clean & barren

Lm- Cream Tan, FXLN, mix of sl oolitic, crumbly & loosely cemented, sl granular w/ ppt

MINI TRIP
10 STNDS
DST #2
LKC I-K
4010 - 4100



porosity, tight FXLN A/A, FEW CHIPS W/ WK SCTR STN, SL SGSY FO UPON CRUSH, VRY FNT ODR, SL FLOR. W/ FR SLW STRM WET CUT
 60" ~~smpl~~- more A/A w/ STN, cream gritty FXLN dolomitic Ls, vry fn ppt porosity, SCTR STN, SL SGSYFO UPON CRUSH, NO ODR

C C C

CHEROKEE SHALE 4345' (-1639) E-LOG 4345' (-1639) Sh- Black Gray Red, fissile carbonaceous, soft sl unconsolidated & pebbly

Lm- Cream Tan, mix of dense algal Ls, tight FXLN, & sctrd white chalk

Lm- A/A, some w/ very dense XLN secondary porosity & recrystallization, some w/ sctrd oolites

Lm- Cream Tan, VF-F XLN, dense, semi-brittle, well cemented, w/ minimal vis. porosity, some w/ sctrd secondary XLN porosity & recrystallized veins, clean & barren

Sh- Gray Lm Green Red, soft, crumbley

JOHNSON 4390' (-1684) E-LOG 4391' (-1685) Lm- Off White Cream, FXLN, most loosely cemented, chalky in part, very clean, sctrd XLN porosity & secondary porosity

Sh/Ss- Red gritty & earthy, Ss- Purple Lm Green, consolidated & well sorted, Med grn, friable. Chert- Tan White, sharp angular bedded chert & cherty matrix Ls, abundant gummy argillaceous various colored shales

Ls Conglomerate- Off White, oolitic unconsolidated, crumbly, mottled

MISSISSIPPIAN 4416' (-1710) E-LOG 4416' (-1710) Lm- Lt Gray Buff, FXLN, dense, very well cemented, vry sctr dissolved spiculites, tight w/ minimal vis. porosity

Dolomite- Cream Buff, VF-FXLN, dense, very well cemented, mix of tight FXLN dolomite w/ minimal vis. porosity & sl cherty VFXLN, some w/ fair amount of cementation, some almost porcelain like & dense, minimal vis. porosity, all clean & barren

Dolomite- Buff Lt Yellow tint, FXLN, gritty, massive, very tight w/ minimal vis. porosity, clean & barren

Lm/Dolomite- Mix of red mottled & yellow tinted eroded & reworked cherty dolomite, & massive buff FXLN well cemented, sl fsl, dolomite, 1-2 chips w/ wk flor. NO STN, gummy argillaceous clumps

Dolomite/Chert- Buff FXLN, massive, very well cemented, consistant vry fn ppt porosity, mixed w/ smokey white fsl bedded chert, , some gritty fsl dolomitic chert, NS noted

Sh- Purple Yellow White, waxy, dense, & well compacted, sctrd soft chalk

Lm- Cream, Med XLN, crumbley, soft, chalky in part

Lm- Buff & Lt Gray, FXLN, mottled, unconsolidated, trashy bio-clastic, fsl w/ sctrd fsl fragments

Dolomite- Off White, VFXLN, dense, soft, tight, abundant gummy white chalky & sandy lime

A/A w/ semi-translucent & bone white fresh bedded chert

Dolomite- Cream, FXLN, massive, tight, well cemented, consistant vry fn ppt porosity, NS

RTD 4510' (1804) LTD 4511' (-1805) @ 21:25 8/26/2012

**SHORT TRIP
 10 STNDS.
 CTCH
 TOH FOR LOG**

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 15, 2012

Rodney Brin
Mustang Energy Corporation
PO BOX 1121
HAYS, KS 67601

Re: ACO1
API 15-063-22010-00-00
Coberly B 1
NE/4 Sec.14-14S-29W
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Rodney Brin