Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1152398

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 # 4629
Name: Brito Oil Company, Inc.
Address 1: 1700 N WATERFRONT PKWY
Address 2: Bldg 300, Suite C
City: WICHITA State: KS Zip: 67206 + ____
Contact Person: Raul Brito
Phone: (316) 263-8787
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Derek Patterson
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 #:

5/11/2013	5/18/2013	5/19/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-193-20887-00-00
Spot Description:
SE - NW - SE - NE Sec. 2 Twp. 10 S. R. 32 ☐ East ☑ West
1950 Feet from ☑ North / ☐ South Line of Section
880 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Thomas
Lease Name: Johnson-Robben Unit Well #: 1-2
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 3075 Kelly Bushing: 3080
Total Vertical Depth: 4760 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 258 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: 5000 ppm Fluid volume: 700 bbls
Dewatering method used: Evaporated

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: 07/22/2013
☑ **Confidential Release Date:** 07/22/2015
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 07/23/2013

1152398

Operator Name: Brito Oil Company, Inc. Lease Name: Johnson-Robben Unit Well #: 1-2

Sec. 2 Twp. 10 S. R. 32 ☐ East ☑ West County: Thomas

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Compenated Density Neutron
Dual Induction
Micro Lateral

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	258	Common	170	3%cc & 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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 *(Amount and Kind of Material Used)*	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: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Brito Oil Company, Inc.
Well Name	Johnson-Robben Unit 1-2
Doc ID	1152398

Tops

Name	Top	Datum
Anhydrite	2630	450
Heebner	4047	-967
Lansing	4082	-1002
Stark	4299	-1219
BKC	4358	-1278
Fort Scott	4556	-1471
Chero	4580	-1500
John Zn	4621	-1541
Miss	4670	-1541

ALLIED OIL & GAS SERVICES, LLC 060839

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley

DATE 5-19-13	SEC. 2	TWP. 10	RANGE 32	CALLED OUT	ON LOCATION	JOB START 5:30Am	JOB FINISH 8:30Am
LEASE Johnson-Robbins	WELL # 1-2		LOCATION oakley 5N 1E ¼N			COUNTY Thomas	STATE KS
OLD OR (NEW) (Circle one)			winto				

CONTRACTOR W+W 6
TYPE OF JOB PTA
HOLE SIZE 7 7/8 T.D. 4220'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4½ DEPTH 2650'
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER same

EQUIPMENT

PUMP TRUCK CEMENTER Andrew Forslund
431 HELPER Dane Retzloff
BULK TRUCK
347 DRIVER Chris Helpingstine
BULK TRUCK
DRIVER

CEMENT

AMOUNT ORDERED 205 sks 4%40%gel ¼# Flo-seal

COMMON	123 sks	@ 17.90	2201.70
POZMIX	82 sks	@ 9.35	766.70
GEL	7 sks	@ 23.40	163.80
CHLORIDE		@	
ASC		@	
		@	
		@	
Flo-seal	51#	@ 2.97	151.47
		@	
		@	
		@	
		@	
		@	
HANDLING	220.16 cy/ft	@ 2.48	545.99
MILEAGE	2.60 Ton/mile 9.197on		167.25
		TOTAL	3996.91

REMARKS:

25 sks 2650'
100 sks 1925'
40 sks 300'
10 sks 40'
30 sks Rathole

Thank you

SERVICE

DEPTH OF JOB 2650'
PUMP TRUCK CHARGE 2483.59
EXTRA FOOTAGE @
MILEAGE 2miles @ 7.70 53.90
MANIFOLD @
Light vehicle @ 4.40 30.80
@
TOTAL 2568.29

CHARGE TO: Brito oil co
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8⅝
1 Dry hole plug @ 102.64
@
@
@
@
TOTAL 102.64

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES 6,672.84
DISCOUNT 1,468.02 IF PAID IN 30 DAYS
5,204.81 Net

PRINTED NAME Jason Richeson

SIGNATURE

ALLIED OIL & GAS SERVICES, LLC 060256

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Oakley, KS

DATE 5-11-13	SEC. 2	TWP. 10	RANGE 32	CALLED OUT	ON LOCATION 2:30pm	JOB START 5:00pm	JOB FINISH 5:30pm
LEASE Dawson-Robben	WELL # 1-2		LOCATION Oakley, 5N, 1E, Y2N, Wenfo			COUNTY Thomas	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR WW 6
TYPE OF JOB Surface
HOLE SIZE 12 Y4 T.D. 259'
CASING SIZE 8 5/8 DEPTH 259'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 15.61

OWNER Same

EQUIPMENT

PUMP TRUCK # 422 CEMENTER Lakene Leverett
HELPER Wayne McGlohy
BULK TRUCK # 347 DRIVER Kevin Ryan
BULK TRUCK # DRIVER

CEMENT

AMOUNT ORDERED 170 SKS com 3% CC 2% gel

COMMON	170 SKS	@ 17.80	3043.00
POZMIX		@	
GEL	3 SKS	@ 23.40	70.20
CHLORIDE	6 SKS	@ 64.00	384.00
ASC		@	
HANDLING	183.83 SKS	@ 2.48	455.90
MILEAGE	8.39 ton x 6 7 x 2.60		152.70
		TOTAL	4105.80

REMARKS:

Mix 170 SKS cement
Displace with water
Cement did circulate
Thank you

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			1512.25
EXTRA FOOTAGE		@	
MILEAGE MIH	7	@ 7.70	53.90
MANIFOLD Swedge		@	275.00
MIH	7	@ 4.40	30.80
		@	
		TOTAL	1871.95

CHARGE TO: Brito Oil
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)
TOTAL CHARGES 5,977.75
DISCOUNT 1,315.10 IF PAID IN 30 DAYS
4,662.64 Net.

PRINTED NAME Jason Rochester

SIGNATURE

Brito Oil Company, Inc.

Scale 1:240 Imperial

Well Name:	Johnson-Robben Unit #1-2		
Surface Location:	1950' FNL and 880' FEL		
Bottom Location:			
API:	15-193-20887-0000		
License Number:	4629		
Spud Date:	5/11/2013	Time:	1:30 PM
Region:	Thomas County		
Drilling Completed:	5/18/2013	Time:	4:50 PM
Surface Coordinates:			
Bottom Hole Coordinates:			
Ground Elevation:	3075.00ft		
K.B. Elevation:	3080.00ft		
Logged Interval:	3600.00ft	To:	4760.00ft
Total Depth:	4760.00ft		
Formation:	Lansing, Marmaton, Cherokee		
Drilling Fluid Type:	Chemical/Fresh Water Gel		

OPERATOR

Company:	Brito Oil Company, Inc.		
Address:	1700 N. Waterfront Parkway Building 300, Suite C Wichita, KS 67206		
Contact Geologist:	Raul Brito		
Contact Phone Nbr:	316.263.8787		
Well Name:	Johnson-Robben Unit #1-2		
Location:	1950' FNL and 880' FEL	API:	15-193-20887-0000
Pool:		Field:	Wildcat
State:	Kansas	Country:	USA

LOGGED BY

Company:	Valhalla Exploration, LLC		
Address:	8100 E. 22nd St. North Building 1800-2 Wichita, KS 67226		
Phone Nbr:	316.655.3550		
Logged By:	Geologist	Name:	Derek W. Patterson

REMARKS

After review of the geologic log, DST results, and open hole logs for the Johnson-Robben Unit #1-2, it was decided upon by operator to plug and abandon the well as a dry hole. Said well was plugged on 5.19.13.

Please Note: the drill time and lithology has been shifted 4' shallow/higher from 3600'-4330' and 2' shallow/higher from 4331'-4760' to correspond with the electric log curves. All DST intervals have been shifted 2' shallow/higher. All circulation and connection points have also been moved to match the overall shift.

The well samples were saved, submitted, and will be available for review at the Kansas Geologic Survey's Well Sample Library located in Wichita, KS.

Respectfully submitted,

Derek W. Patterson

GENERAL INFORMATION

Service Companies

Drilling Contractor:	WW Drilling, Inc. - Rig #6	Drilling Fluid:	Mud-Co/Service Mud
Tool Pusher:	Jason Richeson	Engineer:	Terry Ison
Daylight Driller:	Scott Buchholz		Tyler Lang
Evening Driller:	Mitch Richmeier		Reid Atkins

Morning Driller: Gary Fabila

Gas Detector: None

Logging Company: Pioneer Well Services
Engineer: Jared Long
Logs Ran: DI, DUCP, Micro

Testing Company: Trilobite Testing
Tester: Mike Roberts

Deviation Survey	
Depth	Survey
259'	3/4°
4515'	1/2°
4760'	1°

Pipe Strap	
Depth	Pipe Strap
4515'	5.14' Short

Bit Record								
Bit #	Size	Make	Type	Serial Number	Depth In	Depth Out	Feet	Hours
1	12 1/4"	Smith	RR	6004999	0'	259'	259'	1.75
2	7 7/8"	Smith	F-27	PY5809	259'	4760'	4501'	100.5

Surface Casing	
5.11.2013	Ran 6 joints of new 23#/ft 8 5/8" casing, tallying 251.94', set @ 258' KB. Cemented with 170 sacks common (3% calcium chloride, 2% gel). Cement did circulate. Plug down @ 1730 hrs 5.11.13. By Allied.

DAILY DRILLING REPORT

Date	0700 Hrs Depth	Previous 24 Hours of Operations
5.15.2013	4186'	Geologist Derek W. Patterson on location, 1440 hrs 5.14.13. Drilling and connections Topeka, Heebner, Toronto, and into Lansing. CFS @ 4006' (LKC 'A'). Resume drilling and connections Lansing. CFS @ 4154' (LKC 'D'). Resume drilling and connections Lansing. CFS @ 4186' (LKC 'F'). Made 538' over past 24 hrs of operations. WOB: 38k RPM: 85 PP: 1000 SPM: 60 DMC: $1,267.10 CMC: $8,004.65
5.16.2013	4491'	CFS @ 4186' (LKC 'F'). Resume drilling and connections Lansing. CFS @ 4302' (LKC 'J'). Resume drilling and connections Lansing. CFS @ 4336' (LKC 'K'). Resume drilling and connections Lansing and into Base Kansas City. CFS @ 4359' (BKC'). Resume drilling and connections Base Kansas City and into Marmaton. CFS @ 4481' (Marmaton). Resume drilling and connections Marmaton and into Pawnee. Made 305' over past 24 hrs of operations. WOB: 38k RPM: 85 PP: 1000 SPM: 60 DMC: $955.30 CMC: $8,959.95
5.17.2013	4545'	Drilling Pawnee. CFS @ 4513' (Pawnee). Shows warrant test. CTCH, short trip (25 stands). CTCH, drop survey, strap out for DST #1, 1515 hrs 5.16.13. Rig up tester. Make up tool, TIH with tool. Conducting DST #1, test successful. TIH with bit, CTCH. Resume drilling following DST #1, 0230 hrs 5.17.13. Drilling and connections Pawnee and into Myrick Station. CFS @ 4545' (Myrick Station). Shows warrant test. CTCH, TOH for DST #2, 0630 hrs 5.17.13. Made 54' over past 24 hrs of operations. WOB: 38k RPM: 85 PP: 1000 SPM: 60 DMC: $917.90 CMC: $9,877.85
5.18.2013	4658'	TOH for DST #2. Make up tool, TIH with tool. Conducting DST #2, test successful. TIH with bit. Resume drilling following DST #2, 1600 hrs 5.17.13. Drilling and connections Myrick Station, Fort Scott, Cherokee, and into Johnson zone. CFS @ 4638' (Johnson). Resume drilling and connections Johnson. CFS @ 4658' (Johnson). Shows warrant test. CTCH, TOH for DST #3, 0245 hrs 5.18.13. Make up tool, TIH with tool. Conducting DST #3. Made 113' over past 24 hrs of operations. WOB: 38k RPM: 85 PP: 1000 SPM: 60 DMC: $964.00 CMC: $10,841.85
5.19.2013	RTD - 4760' LTD - 4760'	Conducting DST #3, test successful. TIH with bit. Resume drilling following DST #3, 1100 hrs 5.18.13. Drilling and connections lower Cherokee and into Mississippian. CFS @ 4712' (Miss). Resume drilling and connections Mississippian ahead to RTD of 4760'. RTD reached, 1650 hrs 5.18.13. CTCH, drop survey, TOH for open hole logging operations, 1830 hrs 5.18.13. Rig up loggers. Conduct open hole logging operations. Orders received to plug and abandon the Johnson-Robben Unit #1-2 as a dry hole. Said well was plugged on 5.19.13. Geologist Derek W. Patterson off location, 0115 hrs 5.19.13. Made 102' over past 24 hrs of operations. WOB: 38k RPM: 85 PP: 1000 SPM: 60 DMC: $1,187.55 CMC: $12,029.40

WELL COMPARISON SHEET

	Drilling Well				Comparison Well				Comparison Well			
	Brito Oil Co - Johnson-Robben Unit #1-2 Sec. 2 - T10S - R32W 1950' FNL & 880' FEL (SE NW SE NE) 3080 KB				Brito Oil Co - Johnson #1-2 Sec. 2 - T10S - R32W 330' FNL & 1860' FEL Dry 3076 KB		Structural Relationship		Black Petroleum - Marvin Albers #1 Sec. 1 - T10S - R32W NW NW NE Oil - LKC 'L' 3070 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Topeka	3835	-755	3829	-749	3835	-759	4	10	3833	-763	8	14
Heebner	4050	-970	4045	-965	4054	-978	8	13	4047	-977	7	12
Toronto	4072	-992	4068	-988	4075	-999	7	11	4073	-1003	11	15
Lansing	4088	-1008	4082	-1002	4093	-1017	9	15	4094	-1024	16	22
LKC 'B'	4122	-1042	4117	-1037	4124	-1048	6	11	4122	-1052	10	15
LKC 'D'	4140	-1060	4137	-1057	4141	-1065	5	8	4140	-1070	10	13
LKC 'F'	4181	-1101	4176	-1096	4183	-1107	6	11	4178	-1108	7	12
LKC 'G'	4194	-1114	4190	-1110	4197	-1121	7	11	4190	-1120	6	10
Muncie Creek	4226	-1146	4221	-1141	4227	-1151	5	10	4220	-1150	4	9
LKC 'H'	4229	-1149	4225	-1145	4231	-1155	6	10	4224	-1154	5	9
LKC 'I'	4256	-1176	4254	-1174	4263	-1187	11	13	4258	-1188	12	14
LKC 'J'	4285	-1205	4282	-1202	4292	-1216	11	14	4286	-1216	11	14
Stark	4303	-1223	4298	-1218	4309	-1233	10	15	4305	-1235	12	17
LKC 'K'	4308	-1228	4305	-1225	4315	-1239	11	14	4310	-1240	12	15
Hushpuckney	4337	-1257	4335	-1255	4342	-1266	9	11	4337	-1267	10	12
LKC 'L'	4344	-1264	4340	-1260	4350	-1274	10	14	4347	-1277	13	17
Base Kansas City	4360	-1280	4358	-1278	4367	-1291	11	13	4364	-1294	14	16
Marmaton	4386	-1306	4384	-1304	4396	-1320	14	16	4394	-1324	18	20
Pawnee	4492	-1412	4493	-1413	4500	-1424	12	11	4496	-1426	14	13
Myrick Station	4532	-1452	4531	-1451	4539	-1463	11	12	4538	-1468	16	17
Fort Scott	4553	-1473	4551	-1471	4560	-1484	11	13	4558	-1488	15	17
Cherokee	4582	-1502	4580	-1500	4590	-1514	12	14	4588	-1518	16	18
Johnson	4620	-1540	4615	-1535	4627	-1551	11	16	4624	-1554	14	19
Mississippian	4673	-1593	4670	-1590	4680	-1604	11	14	4675	-1605	12	15
Total Depth	4760	-1680	4760	-1680	4770	-1694	14	14	4719	-1649	-31	-31

Note: DST intervals need to be shifted 2' shallow/higher to correspond with the electric log curves.

ROCK TYPES

Cht vari
DOL1
LMST1
LMST2
LMST3
Ss
SILTSTONE
SHALE BRN
SHALE CAR
SHALE GRN
SHALE GRA
SHALE RED
SHALE YEL

ACCESSORIES

MINERAL
- Chert, dark
- Dolomitic
- Glauconite
- P Pyrite
- Sandy
- Silty
- Chert White

FOSSIL
- Bioclastic or Fragmental
- F Fossils < 20%
- Oolite
- Oomoldic

STRINGER
- Dolomite1
- Limestone2
- Sandstone
- Shale Gray

TEXTURE
- C Chalky
- L Lithogr

OTHER SYMBOLS

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

DST
- DST1
- DST2
- Core
- tail pipe

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

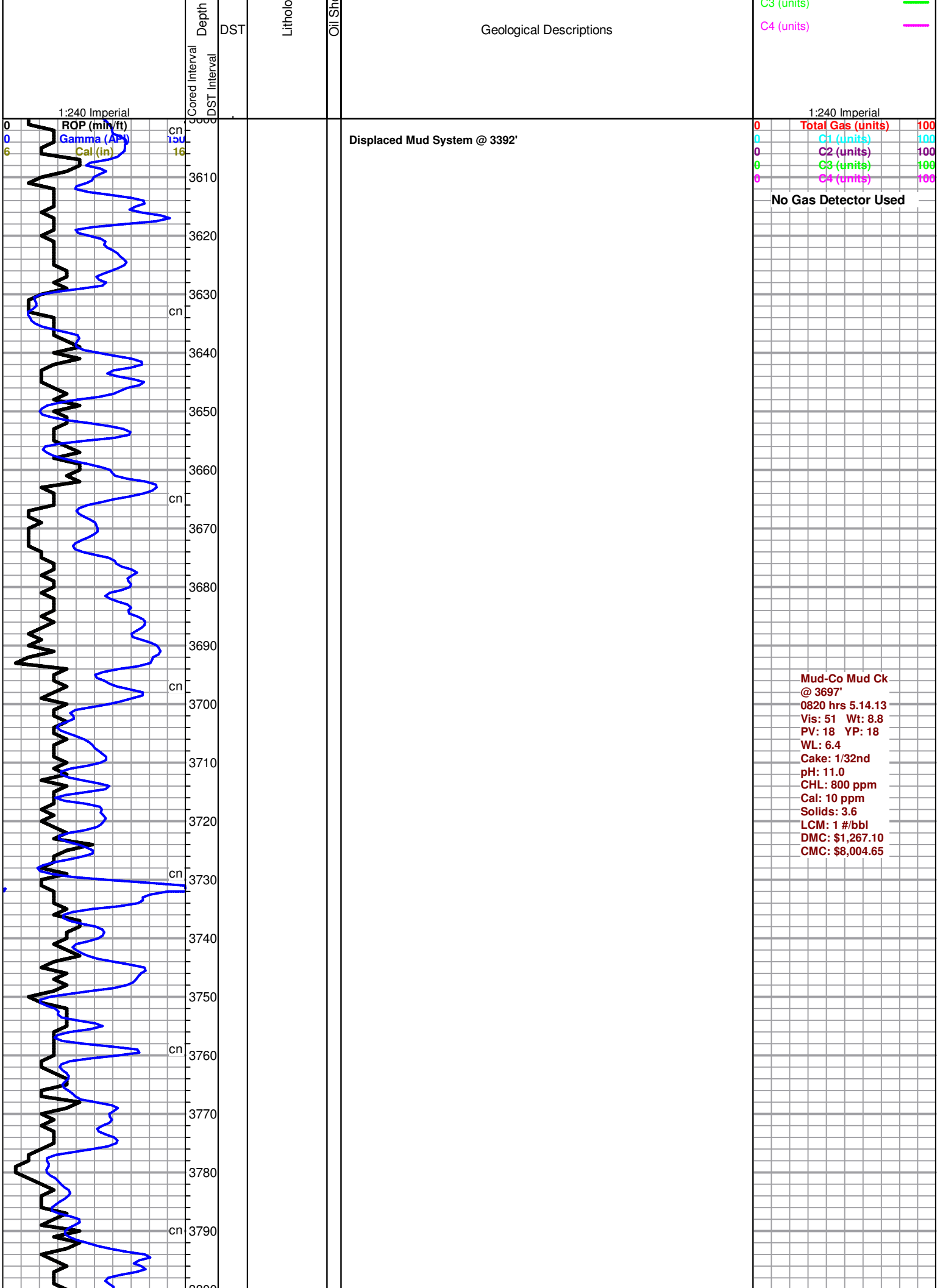
Curve Track #1
ROP (min/ft)
Gamma (API)
Cal (in)

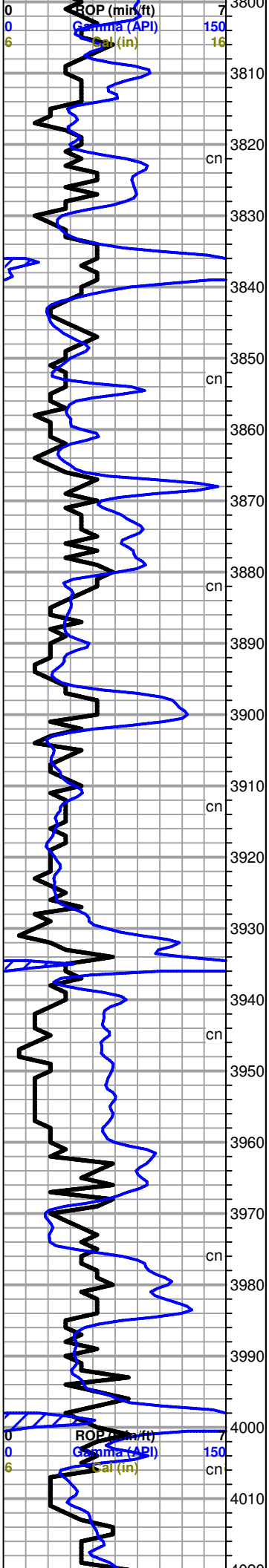
Intervals

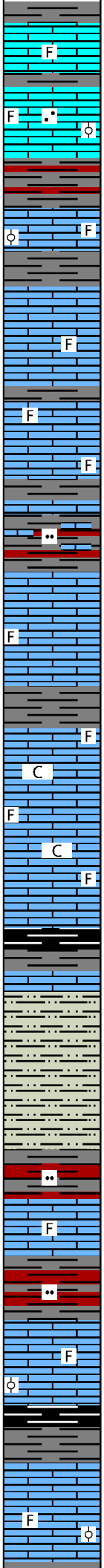
gy

ow

TG, C1 - C5
Total Gas (units)
C1 (units)
C2 (units)


Depth
DST
Lithology
Oil Show
Geological Descriptions
C3 (units)
C4 (units)
Cored Interval
DST Interval
1:240 Imperial
0 ROP (min/ft)
0 Gamma (API)
6 Cal (in)
150
16
cn
3610
3620
3630
3640
3650
3660
3670
3680
3690
3700
3710
3720
3730
3740
3750
3760
3770
3780
3790
Displaced Mud System @ 3392'
1:240 Imperial
0 Total Gas (units) 100
0 C1 (units) 100
0 C2 (units) 100
0 C3 (units) 100
0 C4 (units) 100
No Gas Detector Used
Mud-Co Mud Ck
@ 3697'
0820 hrs 5.14.13
Vis: 51 Wt: 8.8
PV: 18 YP: 18
WL: 6.4
Cake: 1/32nd
pH: 11.0
CHL: 800 ppm
Cal: 10 ppm
Solids: 3.6
LCM: 1 #/bbl
DMC: $1,267.10
CMC: $8,004.65





Start 10' Wet & Dry Samples @ 3800'

Limestone" cream lt cream, mostly dense matrix, micro-vfxln, fossiliferous, fair-poor interxln porosity, no shows noted, some scattered pale yellow mineral fluorescence, no cut, with interbedded Shale: gray dk gray, limey, mostly blocky and hard.

Limestone: lt gray lt cream, dense tight arenaceous matrix, microxln with vfgrained imbedded calcite grains, fossiliferous in part, scattered oolitic, fair visible porosity, no shows noted, some pale yellow mineral fluorescence.

Shale: gray dk gray some brick red, blocky and hard.

TOPEKA 3829' (-749')

Limestone: lt cream off white, dense sub-chalky matrix, micro-vfxln, most heavily fossiliferous/oolitic, poor visible porosity, no shows noted, scattered pale yellow mineral fluorescence, no cut.

Limestone: off white lt cream, slightly dolomitic sub-friable matrix, vfxln, fossiliferous, fair interxln porosity, no shows noted, no fluorescence.

Limestone: off white lt gray lt cream, dense to slightly friable sub-chalky matrix, vfxln, most fossiliferous, fair interxln/pinpoint porosity throughout, no shows noted, even whitish-yellow mineral fluorescence, no cut, with some scattered loose Chalk.

Shale: dk red gray dk gray, blocky to rounded, hard, some silty in part, sample washes reddish-brown, with Limestone stringers as above.

Limestone: off white lt cream lt gray, dense matrix, vfxln with some scattered fxln, fossiliferous, fair interxln/pinpoint porosity throughout, no shows noted, even yellowish-white mineral fluorescence, no cut.

Limestone: lt cream off white lt gray, dense sub-chalky matrix, microxln, most fossiliferous, some 2ndary xln fill, poor interxln porosity, no shows noted, even whitish-yellow mineral fluorescence, no cut, with scattered loose Chalk.

Shale: black dk gray, carbonaceous, mostly blocky and hard, waxy in part, no gas show, with Shale: gray dk gray, limey, dense and blocky, hard.

Siltstone: gray lt gray pale gray, dense to slightly friable calcareous matrix, vf grained, micaceous, fair-good intergranular porosity in most, no shows noted, no fluorescence.

Shale: red brick red dk gray, round to blocky, hard and dense, silty in part.

Limestone: gray lt cream, dense tight matrix, microxln, sub-fossiliferous, poor visible porosity, no shows noted, little-no mineral fluorescence.

Shale: red brick red dk gray, round to blocky, hard and dense, silty in part.

Limestone: off white lt gray, softer sub-chalky matrix, sub-fossiliferous to barren, poor visible porosity, no shows noted, little-no mineral fluorescence, with Limestone: tan lt brown, dense matrix, microxln, fossiliferous with oolitic, poor visible porosity, no shows noted, no fluorescence.

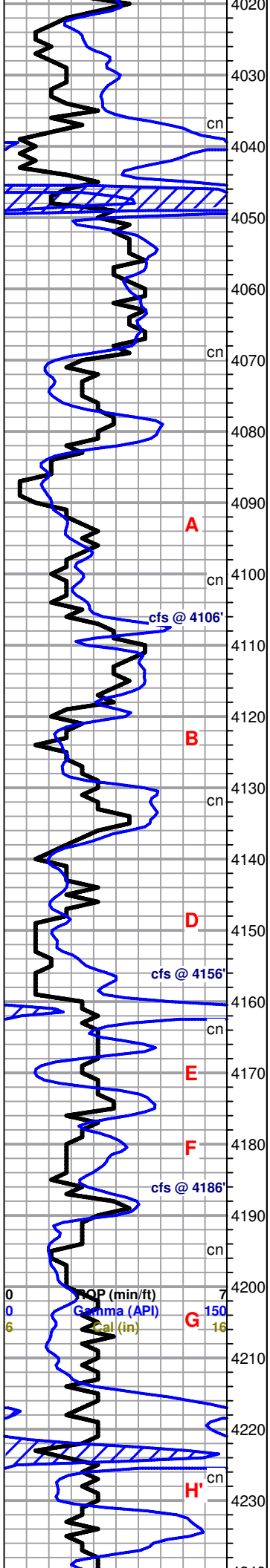
Geologist Derek W. Patterson On Location, 1440 hrs 5.14.13

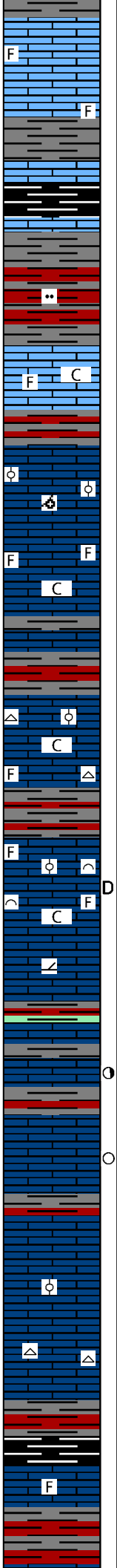
Shale: trace black dk gray, carbonaceous, blocky and hard, no gas show, with Shale: gray dk gray, limey in part, blocky and hard, some splintery.

Limestone: cream lt tan lt gray, scattered softer to dense sub-chalky matrix, microxln, fossiliferous with oolitic, overall poor interxln porosity, no shows noted, little-no mineral fluorescence, with some scattered loose Chalk.

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

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





Limestone: lt tan lt brown cream, softer sub-chalky matrix, vfxln, grainy rough texture in some, fossiliferous, fair interxln porosity in most, no shows noted, even dull pale yellowish-white mineral fluorescence, no cut.

HEEBNER 4045' (-965')

Shale: black, carbonaceous, dense blocky and hard, some waxy in part, no gas show.

Shale: gray dk gray, blocky and hard, some splintery to fissile.

Shale: brick red gray dk gray, mostly blocky and hard with some scattered softer, fissile in part, trace silty, sample washes dk red.

TORONTO 4068' (-988')

Limestone: off white lt gray lt cream, softer sub-friable chalky matrix, vfxln, grainy in part, sub-fossiliferous, scattered fair pinpoint/interxln porosity, no shows noted, poor whitish-yellow mineral fluorescence, no cut.

LANSING 4082' (-1002')

4106' cfs - Limestone: off white lt cream, mostly friable matrix, micro-vfxln, heavily oolitic with fair amount of oomoldic/vug development, 2ndary xln fill between oolites, good interoolitic/oomoldic/vuggy porosity, no shows noted, pale yellowish-white mineral fluorescence, no cut, no odor.

Limestone: lt cream lt gray, dense tight matrix, microxln, sub-fossiliferous to barren, poor-no visible porosity, no shows noted, poor mineral fluorescence, with scattered loose Chalk, sample washes lt gray/white.

Shale: gray dk gray brick red, blocky and firm, abundant splintery/fissile material, sample washes reddish-brown.

Limestone: lt cream off white, dense sub-chalky matrix, vfxln, fossiliferous with some scattered oolitic, fair interfossiliferous/interxln porosity with some 2ndary xln fill, no shows noted, poor-no mineral fluorescence, no cut, no odor, with scattered Chert: white cream, opaque, fresh and sharp to slightly weathered, sub-fossiliferous to barren, no shows noted.

Shale: gray dk gray brick red, blocky and firm, splintery/fissile material.

4156' cfs 20" - Limestone: lt gray gray off white, dense tight matrix, vf-microxln, heavily fossiliferous/bioclastic with some scattered oolitic, overall good interfossiliferous porosity with fair amount of 2ndary fill, few pieces with poor dead black edge stain, no live shows noted, even dull pale yellow mineral fluorescence, no cut, no odor, with loose scattered Chalk.

4156' cfs 40" - Limestone: lt cream lt tan, dense slightly dolomitic/cherty matrix, vfxln, sucrosic texture, mostly barren, fair-poor interxln porosity, no shows noted, little-no mineral fluorescence, no cut, no odor.

Limestone: off white lt cream, dense sub-chalky matrix, microxln, mostly barren, overall poor visible porosity with some edge weathering in few pieces, scattered pieces with poor brown edge stain and very poor show oil droplets upon break, poor dull whitish-yellow fluorescence, poor-no cut, no odor.

Shale: gray dk gray brick red, blocky and firm, splintery/fissile material.

4186' cfs - Limestone: gray lt gray, dense xln matrix, vf-microxln, barren, poor visible to trace vuggy porosity, few pieces with questionable lt brown edge stain, no live shows noted, poor dull fluorescence, no cut, no odor.

Shale: gray dk gray brick red, blocky and hard, splintery/fissile material.

Limestone: lt gray off white, dense tight matrix, micro-vfxln, mostly barren with some scattered sub-oolitic, poor interxln porosity, some 2ndary xln fill, no shows noted, little-no mineral fluorescence.

Limestone: lt gray lt cream off white, dense tight matrix, microxln, barren, poor visible porosity, no shows noted, no fluorescence, with influx Chert: cream smokey gray white some speckled, opaque to translucent, fresh and sharp, no shows noted.

MUNCIE CREEK 4221' (-1141')

Shale: black, carbonaceous, blocky and hard, some waxy, no gas show.

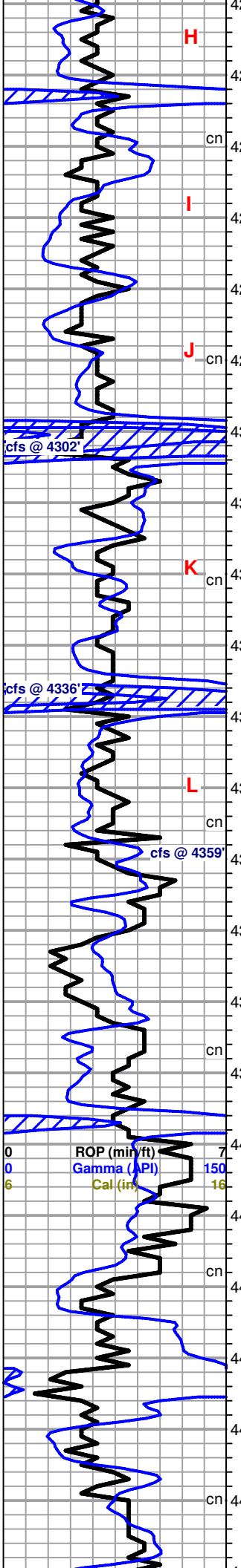
Limestone: cream gray brown mottled, dense matrix, vfxln, sub-fossiliferous, grainy in part, overall poor visible porosity, no shows noted, no fluorescence.

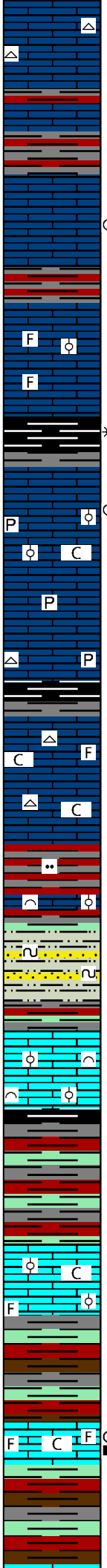
Shale: gray dk gray brick red, blocky and hard, splintery/fissile material.

Vis: 52
Wt: 9.1
LCM: 2 #/bbl

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

Mud-Co Mud Ck @ 4220'
0935 hrs 5.15.13
Vis: 51 Wt: 9.25
PV: 19 YP: 19
WL: 7.2
Cake: 1/32nd
pH: 10.0
CHL: 900 ppm





Limestone: gray lt gray off white mottled in part, dense tight matrix, micro-vfxln, barren, overall poor visible porosity, no shows noted, no fluorescence, with scattered Chert: smokey gray white cream some speckled, translucent, fresh and sharp, barren.

Limestone: lt gray lt cream, dense tight matrix, micro-cryptoxln, barren with some 2ndary xln fill, poor visible porosity, no shows noted, no fluorescence.

Limestone: off white lt gray lt cream, dense matrix, micro-vfxln with some scattered cryptoxln, nearly all barren, some 2ndary xln fill, poor visible porosity, couple of pieces with questionable poor stain along edges, no live shows noted, no fluorescence, no cut, no odor.

Shale: gray dk gray brick red, blocky to rounded, hard, splintery material.

4302' cfs 20" - Limestone: off white lt cream lt gray, dense matrix, vfxln, sub-oolitic/fossiliferous, fair interxln/trace vuggy porosity, no shows noted, poor dull whitish-yellow mineral fluorescence, no cut, no odor;
40"/60" - Limestone: lt cream lt tan, dense tighter matrix, microxln, sub-fossiliferous, poor visible porosity, no shows noted, nofluorescence, no odor.

STARK 4298' (-1218')

Shale: black, carbonaceous, blocky to slightly rounded, firm with some slightly waxy, very poor gas show.

Limestone: gray cream mottled, dense sub-chalky matrix, vfxln, compact oolitic with some bioclastic, few pieces slightly pyritic, fair interoolitic porosity, (1) piece with questionable poor lt brown edge stain, spotty lt yellow fluorescence in specimen, no cut, no odor.

4336' cfs - Limestone: gray lt cream, dense matrix, vfxln, mostly barren, poor visible porosity, no shows noted, no fluorescence, no cut, grading to Limestone: gray lt gray lt cream, dense cherty matrix, micro-cryptoxln, mostly barren, poor visible porosity, no shows noted, no fluorescence, no cut, no odor, with scattered Pyrite nodules and cream Chert.

HUSHPUCKNEY 4335' (-1255')

Shale: black dk gray, carbonaceous, blocky to slightly rounded, most firm with some waxy material, no gas show.

4359' cfs - Limestone: lt cream lt gray off white, dense tight chalky to cherty matrix, microxln with some cryptoxln, trace sub-fossiliferous to barren, poor visible porosity, some 2ndary xln along edges, no shows noted, no fluorescence, no cut, no odor, with increasing loose Chalk with depth.

BASE KANSAS CITY 4358' (-1278')

Shale: dk red dk gray, blocky to rounded, hard to soft, some silty in part.

Limestone: pink cream mottled, dense matrix, fxln, grainy/rough texture, oolitic/bioclastic, poor visible porosity, no shows noted, no fluorescence.

Siltstone/Silty Sandstone: gray lt gray pale green, slightly dense to friable calcareous matrix, vfgrained, heavily micaceous, glauconitic in part, fair-good intergranular porosity, no shows noted, very poor-no mineral fluorescence, no cut, no odor.

MARMATON 4384' (-1304')

Limestone: cream lt cream lt tan, dense matrix, vf-fxln, rough texture, most heavily oolitic with some bioclastic, poor interfossiliferous porosity with abundant 2ndary xln fill, no shows noted, no fluorescence.

Shale: trace black, carbonaceous, with most Shale: gray dk gray brick red dk green, blocky and hard, fissile in part, sample washes dk reddish-brown.

Limestone: lt gray cream lt tan some mottled, dense sub-chalky matrix, vfxln, grainy texture, oolitic with some scattered fossiliferous, poor porosity, no shows noted, no fluorescence, no cut, no odor.

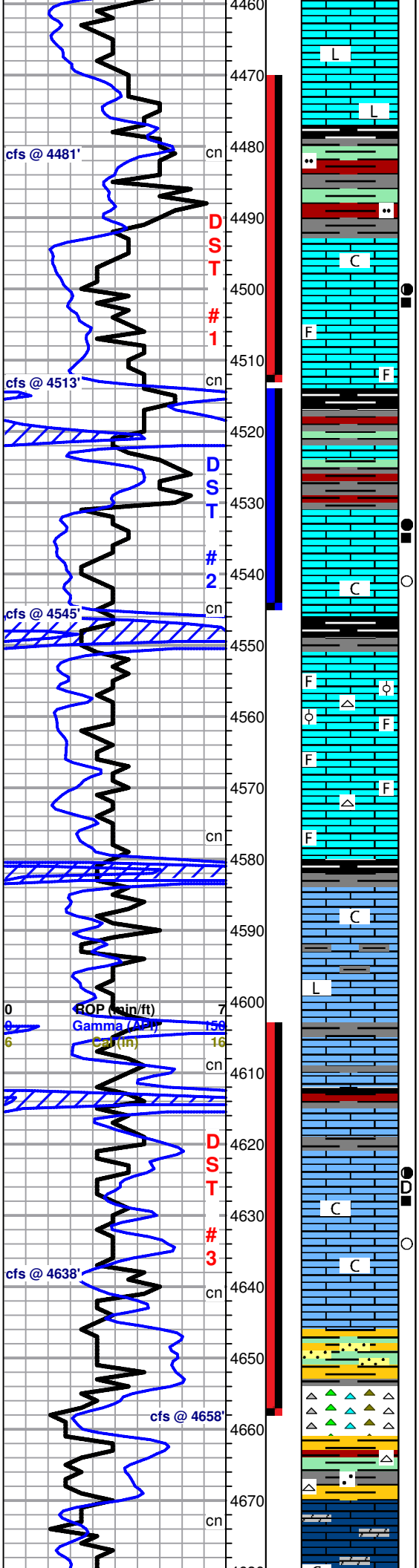
Shale: gray dk gray dk red brown dk green, mostly blocky and hard, fissile in part.

Limestone: lt tan lt cream, dense sub-chalky matrix, micro-vfxln, most fossiliferous, fair pinpoint porosity throughout, 25% have spotty saturated brown stain, fair show free oil upon break in those with staining, spotty bright lt yellow fluorescence, poor bluish-white forced cut, no odor.

Shale: gray dk gray dk red brown dk green, mostly blocky and hard, fissile to splintery material, sample washes reddish brown.

Mud Properties
Cal: 10 ppm
Solids: 6.4
LCM: 1 #/bbl
DMC: $955.30
CMC: $8,959.95

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



Limestone: lt cream cream lt gray, dense tight matrix, micro-cryptoxln with some scattered lithographic non-descript, mostly barren, poor visible porosity throughout with some scattered pinpoint/micro vug porosity, no shows noted, no fluorescence, no cut, no odor.

4481' cfs - Shale: trace black, carbonaceous, with Shale: gray dk gray dk green dk red, blocky and dense, most hard to slightly waxy, fissile/splintery, some silty, sample washes dk gray.

DST #1.bmp

PAWNEE 4493' (-1413')

Limestone: off white lt cream, dense occasionally sub-chalky matrix, micro-vfxln, barren, scattered solution vug development, overall fair-good vuggy/pinpoint porosity, 2ndary xln within porosity, ~15% even golden brown saturated stain, fair-moderate show lt brown oil from porosity with increase upon break, spotty to even bright lt pale yellow fluorescence, fair-good cut, moderate-strong odor.

Mud-Co Mud Ck @ 4515'
1145 hrs 5.16.13
Vis: 51 Wt: 9.2
PV: 17 YP: 19
WL: 7.6
Cake: 1/32nd
pH: 9.5
CHL: 1,500 ppm
Cal: 10 ppm
Solids: 6.4
LCM: 1/2 #/bbl
DMC: $917.90
CMC: $9,877.85

4513' cfs - Limestone: cream lt cream lt tan, dense tight matrix, micro-vfxln, scattered fossiliferous to barren, poor visible porosity with a few scattered vugs, no shows noted, no fluorescence, no odor.

Shale: black, carbonaceous, blocky and hard, no gas show, grading to Shale: gray dk gray brick red dk green, blocky and firm, splintery/fissile material.

DST #2.bmp

MYRICK STATION 4531' (-1451')

4545' cfs - Limestone: tan lt brown dk cream, dense matrix, microxln, barren, fair vuggy edge porosity, ~10% even golden saturated stain, poor-fair show lt brown oil upon break, even to spotty bright lt yellow fluorescence, streaming milky-white cut, with Limestone: cream lt cream, softer chalky matrix, microxln, barren, poor porosity, few pieces with poor show oil upon break, scattered spotty bright lt yellow fluorescence, strong-moderate odor.

Mud-Co Mud Ck @ 4547'
0800 hrs 5.17.13
Vis: 53 Wt: 9.2
PV: 15 YP: 17
WL: 8.0
Cake: 1/32nd
pH: 10.0
CHL: 2,200 ppm
Cal: 40 ppm
Solids: 5.8
LCM: 1 #/bbl
DMC: $964.00
CMC: $10,841.85

FORT SCOTT 4551' (-1471')

Limestone: cream tan, dense matrix, vfxln, most fossiliferous-oolitic, overall poor visible porosity, some 2ndary xln fill, no shows noted, scattered very poor dull yellow mineral fluorescence, no cut, no odor, with some scattered Chert: gray white cream, opaque to translucent, fresh and sharp, barren.

Limestone: off white lt cream lt gray, dense sub-cherty matrix, micro-vfxln, heavily fossiliferous to barren, poor-no visible porosity, no shows noted, scattered very poor-no mineral fluorescence, no cut, no odor.

CHEROKEE 4580' (-1500')

Shale: black dk gray, carbonaceous, mostly rounded and waxy, no gas show.

Limestone: gray lt gray cream, dense to slightly chalky matrix, microxln, mostly barren, poor visible porosity, no shows noted, scattered poor dull yellow mineral fluorescence, no cut, no odor.

Limestone: cream tan gray, dense matrix, micro-cryptoxln with some scattered lithographic non-descript, barren, poor-no visible porosity, some 2ndary xln fill, no shows noted, no fluorescence, no odor.

Shale: gray dk gray brick red, blocky and firm, grading to Limestone: cream lt cream lt gray, dense matrix, vf-cryptoxln, barren, poor visible porosity, no shows noted, no fluorescence, no odor.

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

JOHNSON 4615' (-1535')

Limestone: cream lt cream, dense tight matrix, microxln, barren, poor visible porosity, no shows noted, no fluorescence, no odor, witih interbedded Shale.

4638' cfs - Limestone: lt cream cream lt tan, dense cherty to softer chalky matrix, micro-vfxln, barren, scattered vug development and associated fair-poor porosity, some 2ndary xln along edges, nearly all pieces carry either a brown saturated and dead black stain, fair show heavy dk brown oil upon break in most, spotty bright lt yellow fluorescence, milky-white cut, moderate odor, shows and staining decrease and chalk content increases with depth.

DST #3.bmp

Vis: 54
Wt: 9.2
LCM: 1 #/bbl

Shale: gray pale green mustard yellow, blocky to rounded, most soft, with Sandstone stringers: clear sub-rounded grains in white lt green lt tan matrix, fairly friable, vf-fgrained, well sorted, fair intergranular porosity, no shows noted, no fluorescence, no odor.

EROSIONAL MISSISSIPPIAN 4654' (-1574') ?

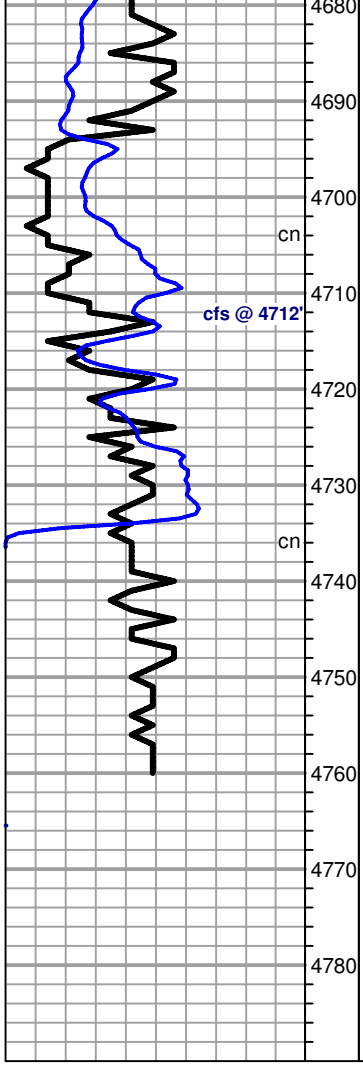
4658' cfs 40"/60" - INFLUX Chert: cream tan yellow orange, opaque to translucent, majority fresh and sharp with some slightly weathered pieces, barren to fossiliferous, no shows noted, no fluorescence, no cut, no odor.

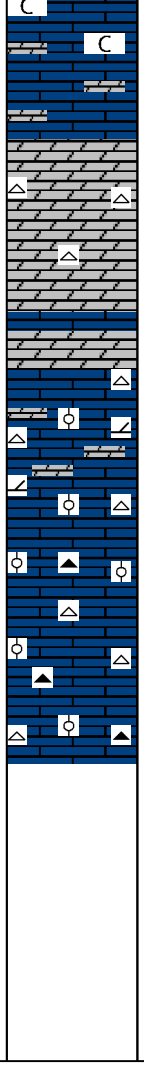
Shale: mustard yellow yellow pale green dk red gray, blocky to rounded, dense, some sandy in part, with scattered Chert: as above, no shows noted.

MISSISSIPPIAN 4670' (-1590')

Limestone: lt cream lt gray with brown/dk red speckles, dense sub-chalky matrix, vf-fxln, sub-fossiliferous to barren, fair-poor interxln porosity, few pieces with questionable poor edge stain, no live shows noted, no fluorescence, with

Mud-Co Mud Ck @ 4660'
0730 hrs 5.18.13
Vis: 51 Wt: 9.2
PV: 14 YP: 15
WL: 7.2
Cake: 1/32nd
pH: 10.5
CHL: 2,600 ppm





Dolomite stringers: lt gray lt cream, dense matrix, vf-fxln, fair-good rhombic/sucrosic development, barren, fair interxln porosity, no shows noted, even lt yellow mineral fluorescence, no cut, no odor.

SPERGEN 4694' (-1614')

4712' cfs - Dolomite: lt gray gray some lt brown, slightly dense to friable matrix, vfxln, sucrosic, barren, scattered small vugs, fair interxln/vuggy porosity, no shows noted, even lt yellow mineral fluorescence, no cut, with Chert: cream white yellow, opaque to translucent, fresh and sharp to weathered, spiculitic in part, fair vuggy porosity in weather pieces, no shows noted, poor-no mineral fluorescence, no cut, no odor.

Dolomite: as above, grading to Limestone: cream tan brown mottled, dense matrix, vf-fxln, trace dolomitic in part, heavily oolitic, poor visible porosity with fair amount of 2ndary xln fill, no shows noted, no fluorescence, no odor, with some scattered Chert: cream tan gray mottled, fresh and sharp, most heavily oolitic, no shows noted, no fluorescence. and Dolomite stringers.

Limestone: cream tan brown mottled, dense matrix, vf-fxln, heavily oolitic, poor visible porosity with fair amount of 2ndary xln fill, no shows noted, no fluorescence, no odor, with abundant Chert.

Limestone: cream tan brown mottled, dense cherty matrix, vf-fxln, oolitic, poor visible porosity with fair amount of 2ndary xln fill, no shows noted, no fluorescence, no odor, with continued abundant Chert.

LTD 4760' (-1680')
RTD 4760' (-1680')

Orders Received To Plug & Abandon Well As A Dry Hole

Geologist Derek W. Patterson Off Location, 0115 hrs 5.19.13

Respectfully Submitted,
Derek W. Patterson

CHL: 2,000 ppm
Cal: 40 ppm
Solids: 5.9
LCM: 1 #/bbl
DMC: $1,187.55
CMC: $12,029.40

DST #1.bmp

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Brito Oil Company, Inc.

1700 N Waterfront Pkwy
BLDG 300 Suite 300
Wichita KS 67206

ATTN: Derek Patterson

2-10s-32w Thomas Co KS

Johnson-Robben 1-2

Job Ticket: 50200 **DST#: 1**

Test Start: 2013.05.16 @ 14:58:15

GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:58:45
Time Test Ended: 23:51:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 65

Interval: 4472.00 ft (KB) To 4515.00 ft (KB) (TVD)
Total Depth: 4515.00 ft (KB) (TVD)
Hole Diameter: 6.88 inches Hole Condition: Fair

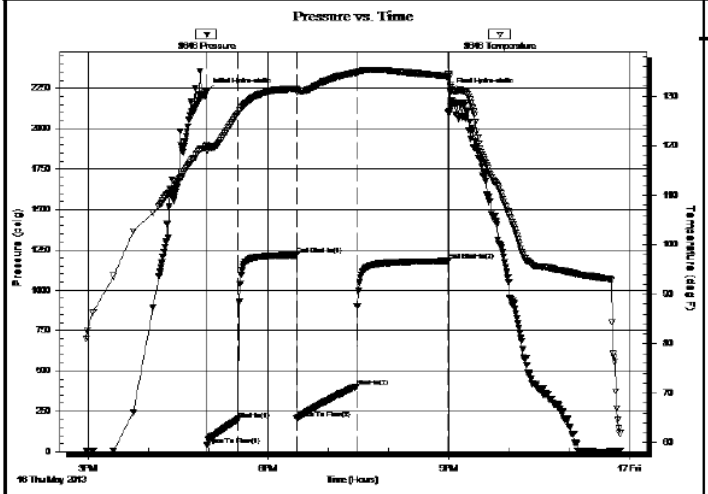
Reference Elevations: 3080.00 ft (KB)
3075.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8646 **Inside**

Press@RunDepth: 404.06 psig @ 4473.00 ft (KB)
Start Date: 2013.05.16 End Date: 2013.05.16
Start Time: 14:58:15 End Time: 23:51:00

Capacity: 8000.00 psig
Last Calib.: 2013.05.17
Time On Btm: 2013.05.16 @ 16:58:30
Time Off Btm: 2013.05.16 @ 21:01:30

TEST COMMENT: IF:BOB in 9 min.
IS:Weak surface blow that died in 32 min.
FF:BOB in 11 min.
FS:Built to 2" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2229.48	120.24	Initial Hydro-static
1	39.96	118.87	Open To Flow (1)
32	200.11	126.52	Shut-In(1)
90	1217.29	131.37	End Shut-In(1)
90	204.45	130.78	Open To Flow (2)
150	404.06	134.73	Shut-In(2)
241	1181.31	133.98	End Shut-In(2)
243	2227.08	132.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP=90 ft.	0.00
2.00	Free Oil 100% o	0.01
154.00	gcow m 2% g 2%o 2%w 94%m	1.09
124.00	gcow m 2%g 2%o 30%w 66%m	1.74
186.00	mcw 40%m 60%w	2.61
120.00	mcw 10%m 90%sw	1.68

Gas Rates

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

DST #2.bmp

DRILL STEM TEST REPORT

Brito Oil Company, Inc.

1700 N Waterfront Pkwy
BLDG 300 Suite 300
Wichita KS 67206
ATTN: Derek Patterson

2-10s-32w Thomas Co KS

Johnson-Robben 1-2

Job Ticket: 53251 **DST#: 2**

Test Start: 2013.05.17 @ 07:59:15

GENERAL INFORMATION:

Formation: **Myrick Station**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:30:30
Time Test Ended: 14:32:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65

Interval: 4516.00 ft (KB) To 4547.00 ft (KB) (TVD)
Total Depth: 4547.00 ft (KB) (TVD)
Hole Diameter: 6.88 inches Hole Condition: Fair

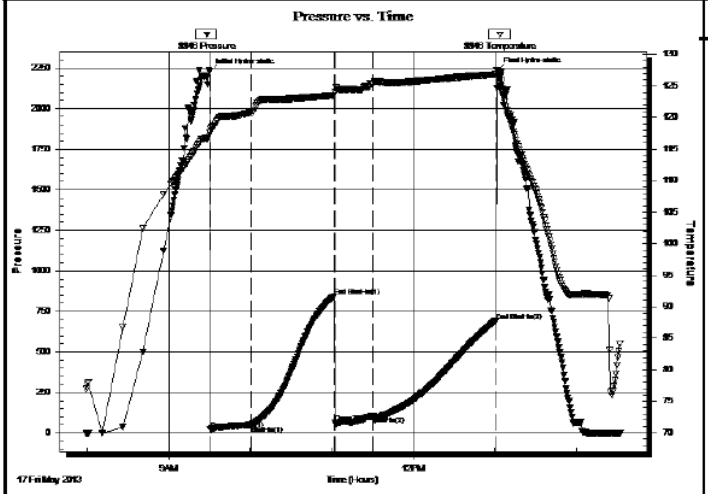
Reference Elevations: 3080.00 ft (KB)
3075.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8846 **Outside**

Press@RunDepth: 106.82 psig @ 4517.00 ft (KB)
Start Date: 2013.05.17 End Date: 2013.05.17
Start Time: 07:59:15 End Time: 14:32:30

Capacity: 8000.00 psig
Last Calib.: 2013.05.17
Time On Btm: 2013.05.17 @ 09:30:00
Time Off Btm: 2013.05.17 @ 13:01:45

TEST COMMENT: IF:Built to 4" blow
IS:No return blow
FF:Built to 1" blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.23	117.63	Initial Hydro-static
1	25.02	117.72	Open To Flow (1)
31	49.57	120.81	Shut-In(1)
92	843.33	123.51	End Shut-In(1)
93	63.15	124.02	Open To Flow (2)
121	106.82	125.32	Shut-In(2)
211	693.07	126.84	End Shut-In(2)
212	2229.06	127.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
121.00	ocm 4%o 96%m	0.60

* Recovery from multiple tests

Gas Rates

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

DST #3.bmp

DRILL STEM TEST REPORT

Brito Oil Company, Inc.

1700 N Waterfront Pkwy
BLDG 300 Suite 300
Wichita KS 67206
ATTN: Derek Patterson

2-10s-32w Thomas Co KS

Johnson-Robben 1-2

Job Ticket: 53252 **DST#: 3**

Test Start: 2013.05.17 @ 04:08:15

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:54:15
Time Test Ended: 09:26:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Mike Roberts
Unit No: 65

Interval: 4605.00 ft (KB) To 4660.00 ft (KB) (TVD)
Total Depth: 4660.00 ft (KB) (TVD)
Hole Diameter: 6.88 inches Hole Condition: Fair

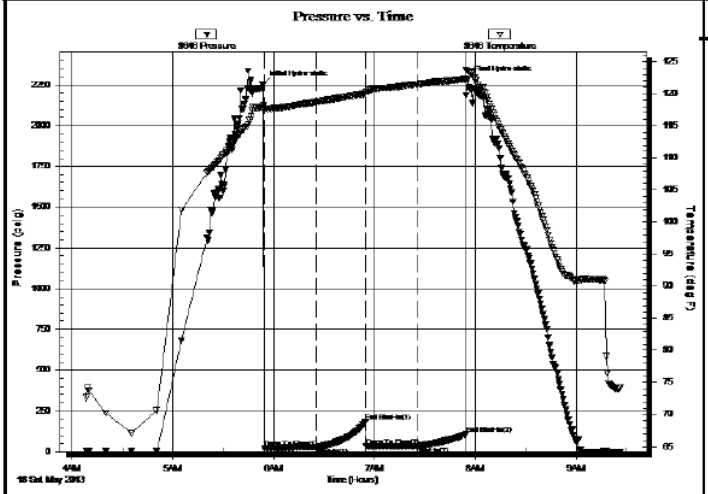
Reference Elevations: 3080.00 ft (KB)
3075.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8646 **Inside**

Press@RunDepth: 33.86 psig @ 4606.00 ft (KB)
Start Date: 2013.05.18 End Date: 2013.05.18
Start Time: 04:08:15 End Time: 09:26:30

Capacity: 8000.00 psig
Last Calib.: 2013.05.18
Time On Btm: 2013.05.18 @ 05:53:45
Time Off Btm: 2013.05.18 @ 07:55:15

TEST COMMENT: IF:Built to 1/2" blow
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.68	118.18	Initial Hydro-static
1	20.57	117.56	Open To Flow (1)
32	27.21	118.72	Shut-In(1)
61	183.91	120.00	End Shut-In(1)
62	32.38	120.27	Open To Flow (2)
92	33.86	121.49	Shut-In(2)
121	106.91	122.33	End Shut-In(2)
122	2281.45	123.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	ocm 6%o 94%m	0.10

* Recovery from multiple tests

Gas Rates

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

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

Kansas
Corporation Commission

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

July 22, 2013

Raul Brito
Brito Oil Company, Inc.
1700 N WATERFRONT PKWY
Bldg 300, Suite C
WICHITA, KS 67206

Re: ACO1
API 15-193-20887-00-00
Johnson-Robben Unit 1-2
NE/4 Sec.02-10S-32W
Thomas 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,
Raul Brito