

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	OUT OF SIGHT 1
Doc ID	1316411

All Electric Logs Run

Compensated Density Neutron Log
Dual Induction Log
Micro Log
Sonic Log

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	OUT OF SIGHT 1
Doc ID	1316411

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5448-5453	See Attachment	



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

Well Name: Out of Sight #1
Location: 7-29S-40W
License Number: API: 15-187-21331
Spud Date: 07/09/16
Surface Coordinates: 330' FNL, 1905' FEL

Region: Stanton Co., KS
Drilling Completed: 07/17/16

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 3314 **K.B. Elevation (ft):** 3325
Logged Interval (ft): 4200 **To:** 5600 **Total Depth (ft):** 5600
Formation: Mississippian
Type of Drilling Fluid: Chemical

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

OPERATOR

Company: White Exploration, Inc.
Address: 1635 N. Waterfront Pkwy.
St. 100
Wichita, KS 67206

GEOLOGIST

Name: Andrew White
Company: White Exploration, Inc.
Address:

Remarks

Due to the results of DST #1, the decision was made to run production casing to test the Keyes Sand.

General Info

Drilling Contractor: Murfin Rig 21

Logs: ELI Wireline Services
Compensated Density/Neutron, Dual, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 716'-.5, 1755'-.5, 2775'-.5, 3220'-.5, 4229'-.75, 5450' .25,

Daily Status

07/09/16: Spud well @4:45 p.m.

07/10/16: Drilling @ 1032', Ran 42 joints new 8 5/8" 24# Surface Casing, 595 sacks 65/35 Cement with 6% gel and 3% CC and 1/4# sack Pheno-seal. Followed by 225 sacks of Common Cement with 2% CC and 1/4# sack Pheno-seal

07/11/16: Waiting on cement, drill out plug @ 4:00 p.m.

07/12/16: Drilling @ 2447'

07/13/16: Drilling @ 3870'

07/14/16: Drilling @ 5107', Drill down to 5250' and circulate hole for 90 mins for bit trip. Start bit trip, pulling extremely tight, have only pulled 20 stands in 5 hours. Break Circulation for 30 min @ 4041'. Pull two more stands in next 1-1/2 hours. Decide to go back to bottom with bit and hit a bridge @ 4693'. Continue on to 4881' and lose circulation. Mix mud and raise LCM to 20#. Pull 8 stands in 30 mins to 4354' and mix more mud with 20# LCM. Have pumped 300 Bbls and still do not have circulation. Pull 10 more stands up to 4072 and mix and pump another 50 barrels of mud with 18# LCM. Are able to finish trip out of hole with bit.

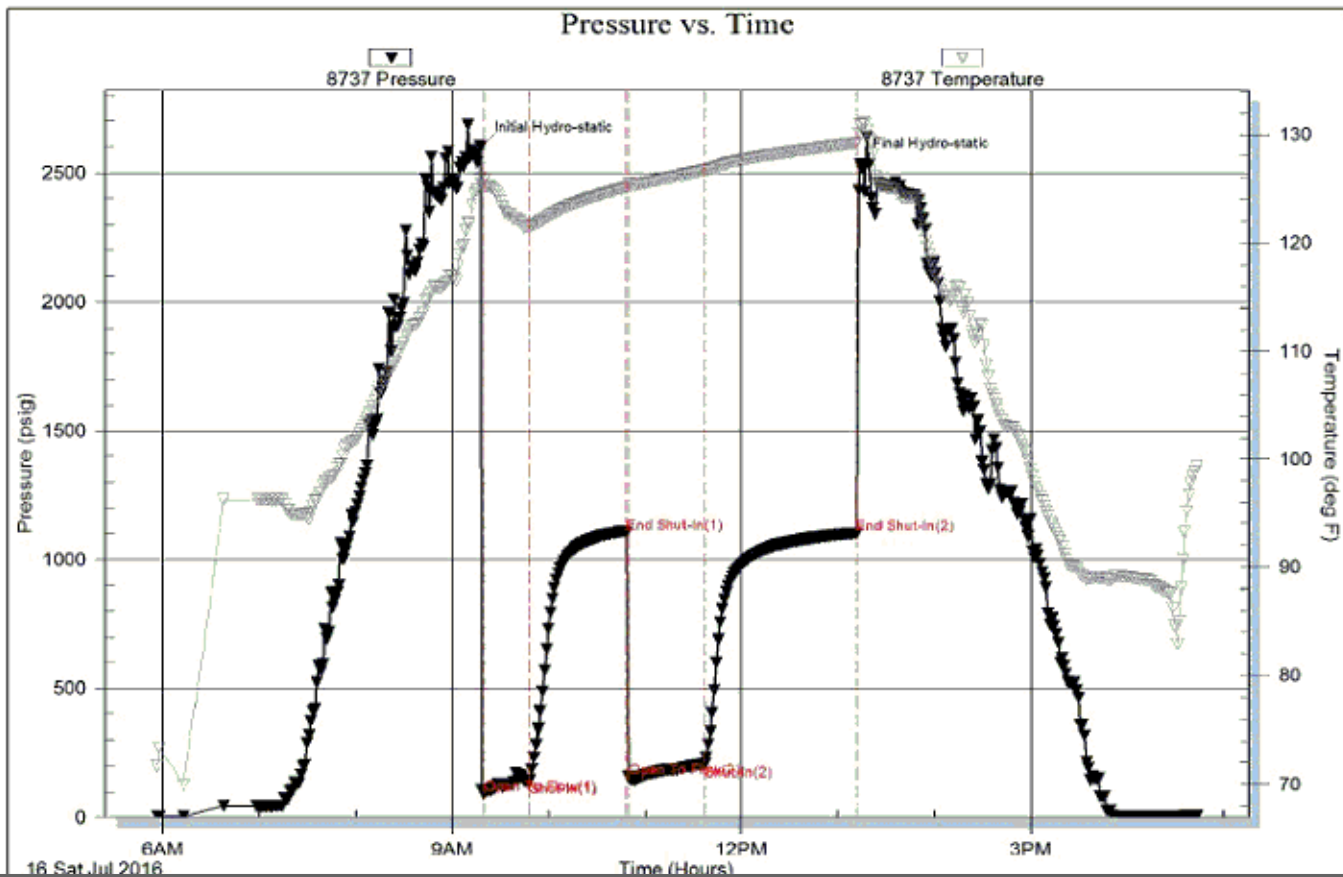
07/15/16: Circ @ 5250' with button bit, still losing fluid, have 40% returns

07/16/16: Running DST #1

07/17/16: Circ @ 5600' for logs

07/18/16: Running Production Casing

White Ex				White		Berexco	
Out of Sight #1				Arnold #1		Earl Arnold 7-3	
7-29S-40W				6-29S-41W		7-29S-40W	
330' FNL, 1905' FEL				490'FSL, 1515' FEL		335' FSL, 3040' FEL	
KB:3325				KB: 3322		KB: 3328	
Sample	Log	Datum	Relationship				
Heebner		3702	-377	-6		-11	
Lansing		3761	-436	+25		-4	
Cherokee	4538	4548	-1223	+2		-9	
Morrow	5008	5019	-1694	+6		-2	
LMM	5342	5349	-2024	-5		-14	
Miss	5520	5522	-2197	+3		+7	



ROCK TYPES

LITHOLOGY

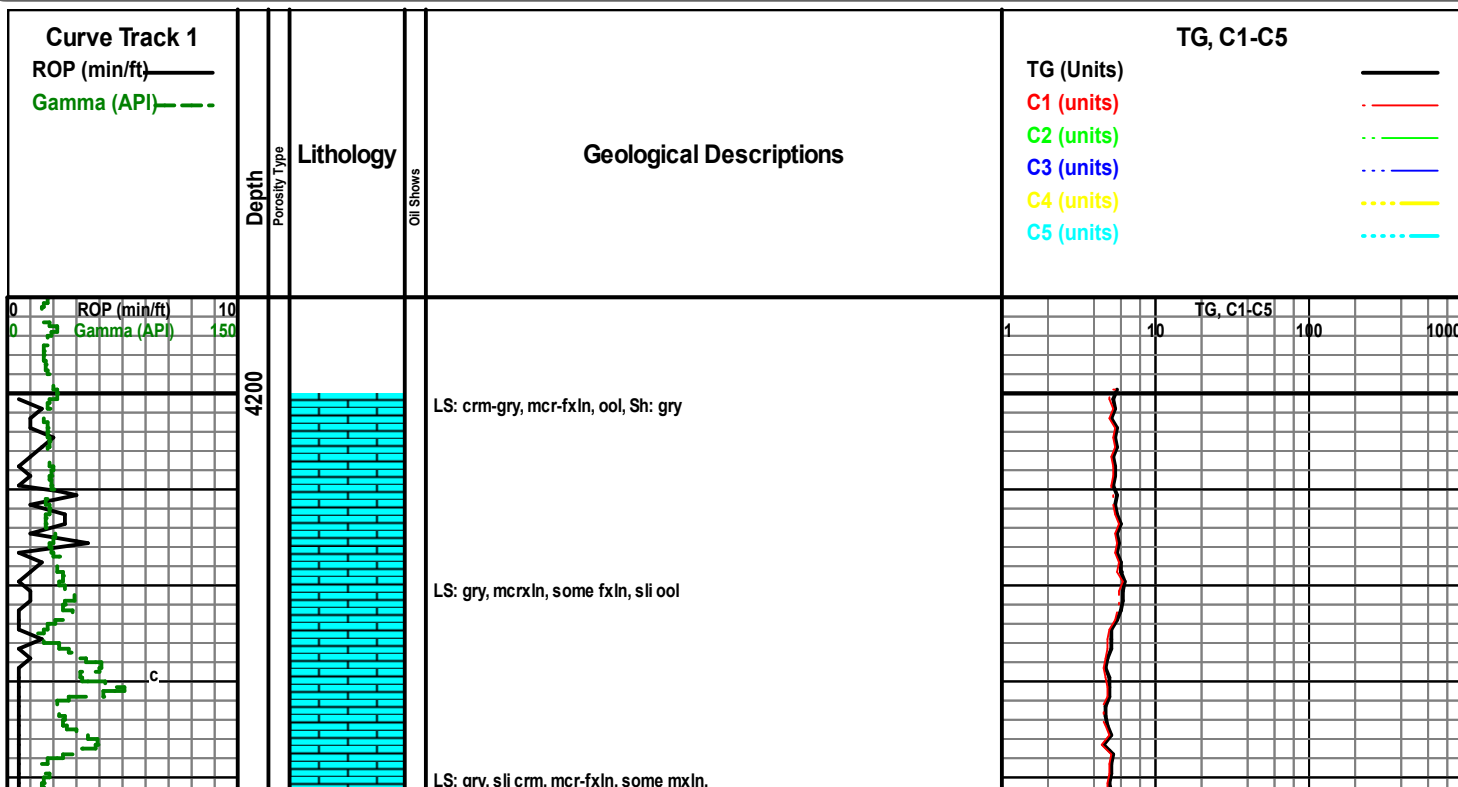
- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal
- Congl

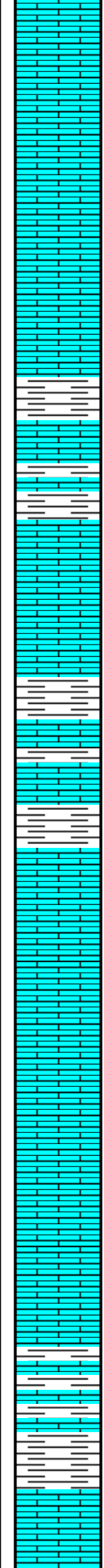
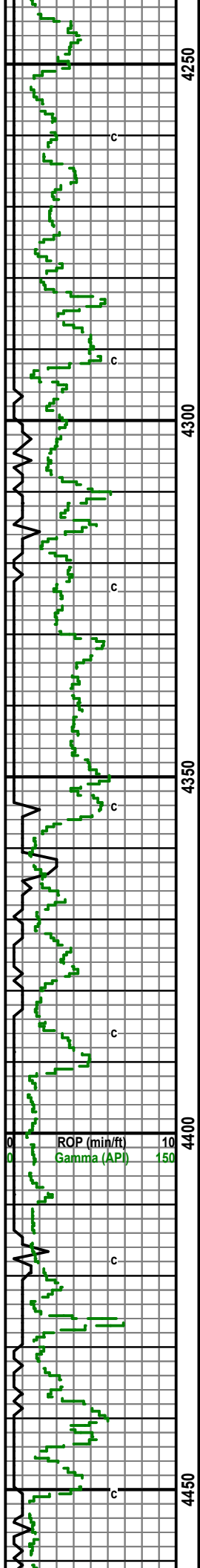
- Dol
- Gyp
- Igne
- Lmst
- Meta
- Mrlst
- Salt
- Shale

- Shcol
 - Shgy
 - Sltst
 - Ss
 - Till
- STRINGER**
- Anhy

- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg

- Ssstrg
- OIL SHOW**
- Even
 - Spotted
 - Ques
 - Dead





LS: A.A.

LS: gry-crm, mcrxln, sli fxln, some chalk

Sh: gry, sli lt-drk gry, LS: gry-crm, mcrxln

LS: gry-tan-crm, mcr-fxln, sli chalk

LS: gry-crm, mcrxln, sli chalk, Sh: lt gry

Sh: lt gry, sli silty, LS: tan-crm, mcrxln

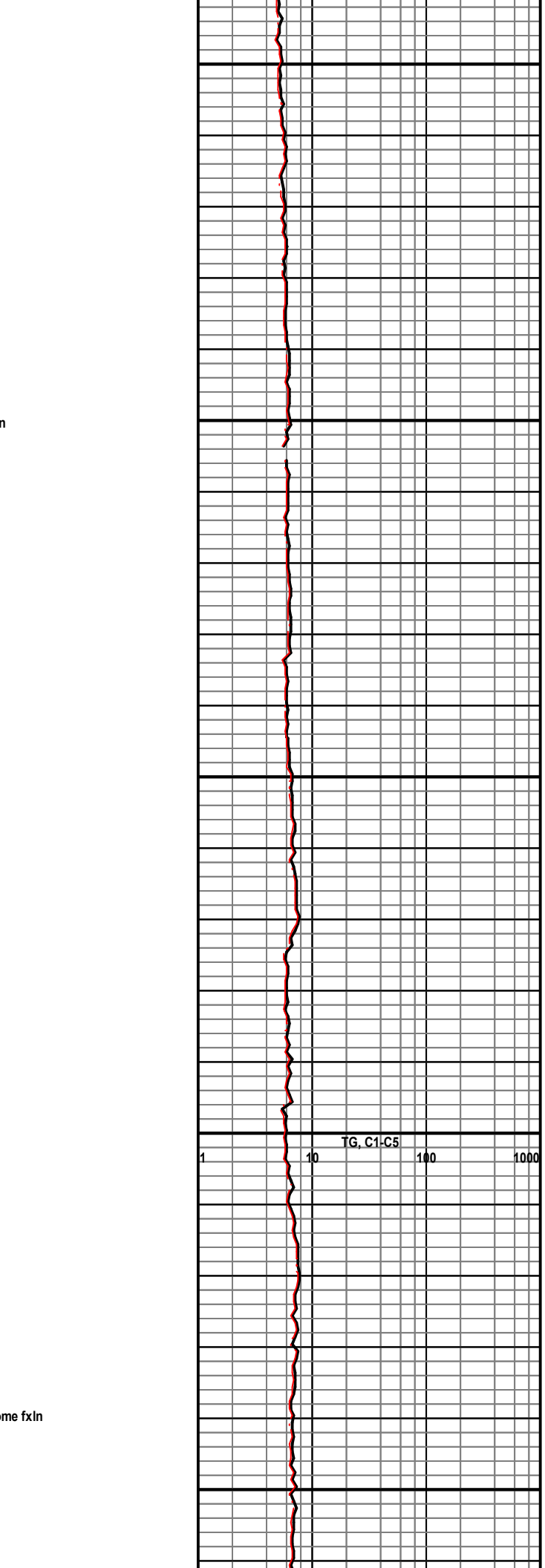
LS: crm, mcrxln, sli cherty

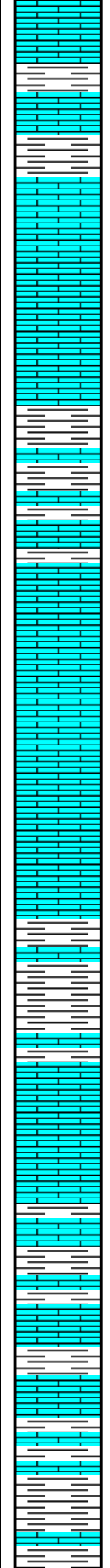
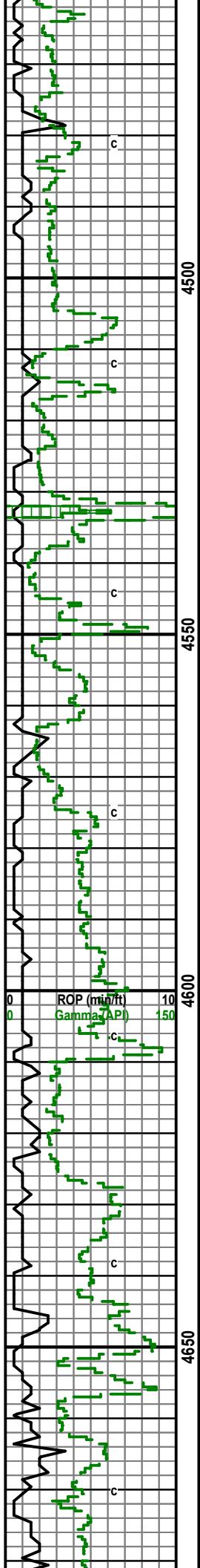
LS: crm, mcrxln, sli cherty, some chalk

LS: A.A. with some gry-tan, mcrxln

Sh: drk gry-blck, LS: gry-crm, mcrxln, some fxln

LS: A.A.





Sh: drk gry-blck, LS: crm, mcrxln, sli cherty

LS: gry, sli crm, mcrxln

LS: A.A. some sli fos, Sh: gry

LS: gry, sli crm, mcrxln, sli fos, Sh: drk gry-blck

LS: crm-tan, sli gry, f-mxln, sli fos

LS: crm, sli tan, mcr-fxln, sli fos

Sh: gry, some LS: A.A.

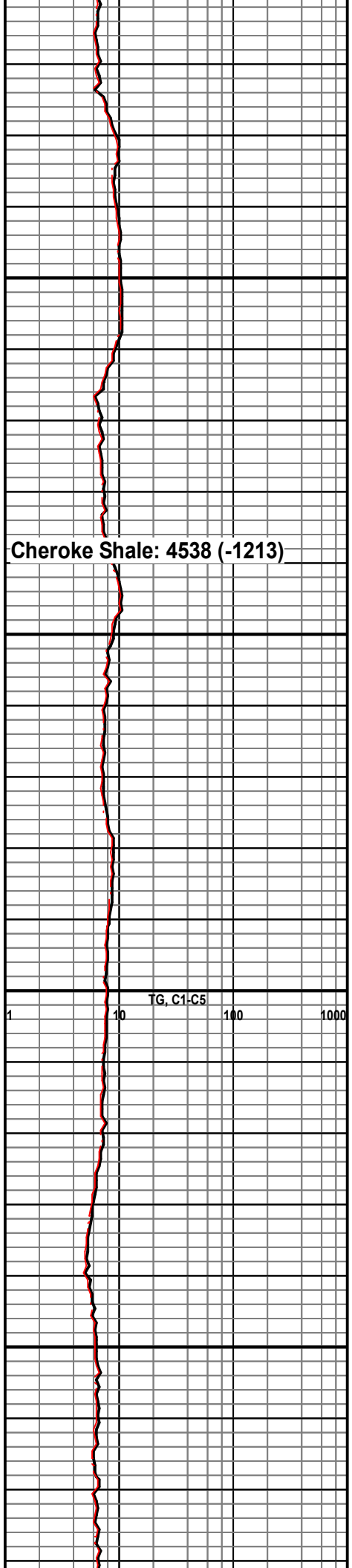
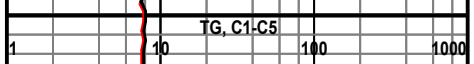
LS: crm, sli tan-gry, mcrxln, some fxln, sli fos

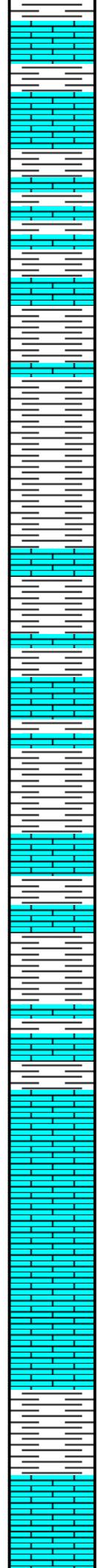
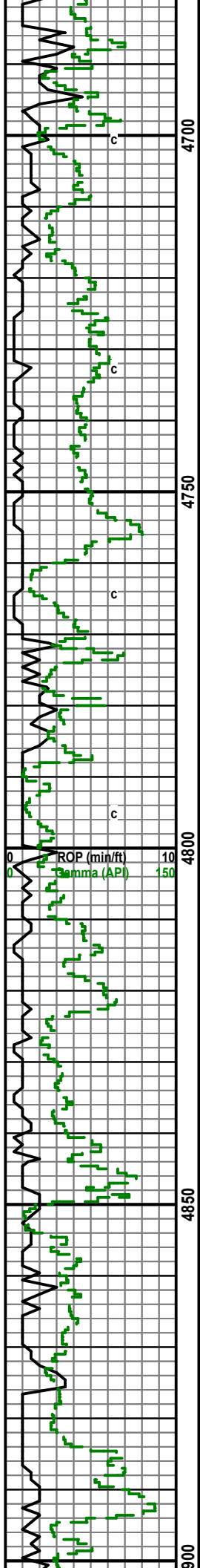
Sh: gry, some lt gry-drk gry, some LS: crm-tan, f-mxln

L:S: A.A. with some Sh: gry, sli lt gry-drk gry

Sh: gry-drk gry, some lt gry

Cherokee Shale: 4538 (-1213)





LS: crm-gry, mcrxln

LS: gry, sli crm, mcrxln, Sh: gry

Sh: gry, some lt gry-drk gry

Sh: A.A. with LS: gry, sli crm, mcrxln

LS: tan-gry, sli crm, mcrxln, some Sh: gry

LS: crm, sli gry, mcrxln, sli chalky

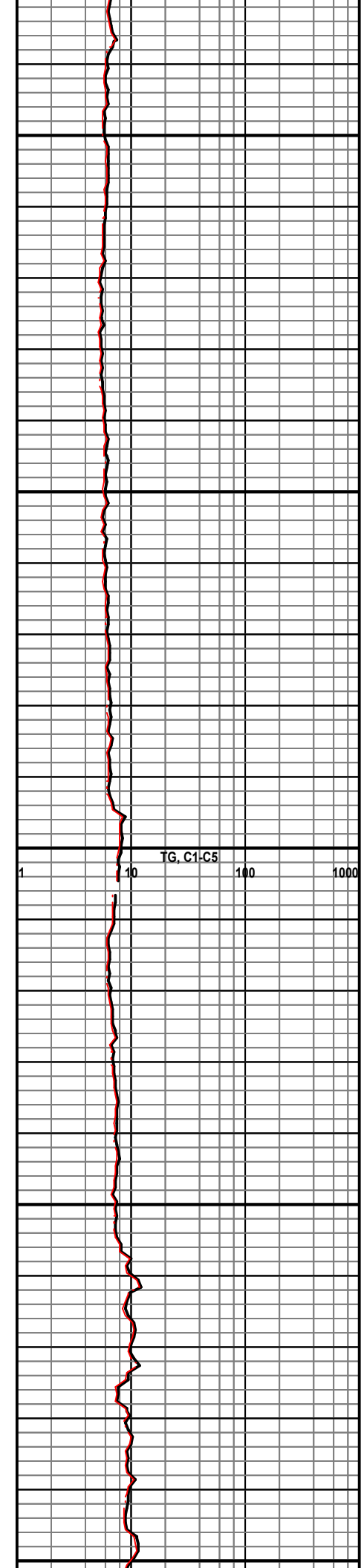
Sh: gry, with some LS: gry-crm, mcrxln

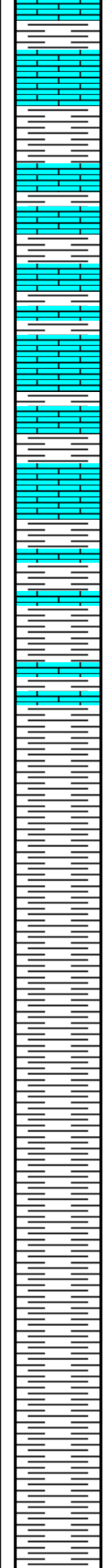
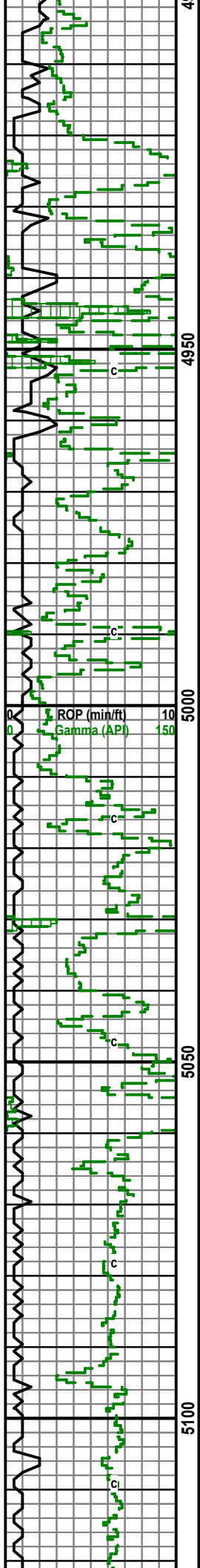
LS: gry-crm, mcrxln, sli chalk

LS: gry, sli crm, mcrxln

LS: A.A. with Sh: gry

LS: gry-crm, mcrxln





LS: A.A. with Sh: gry-drk gry

A.A.

A.A.

A.A.

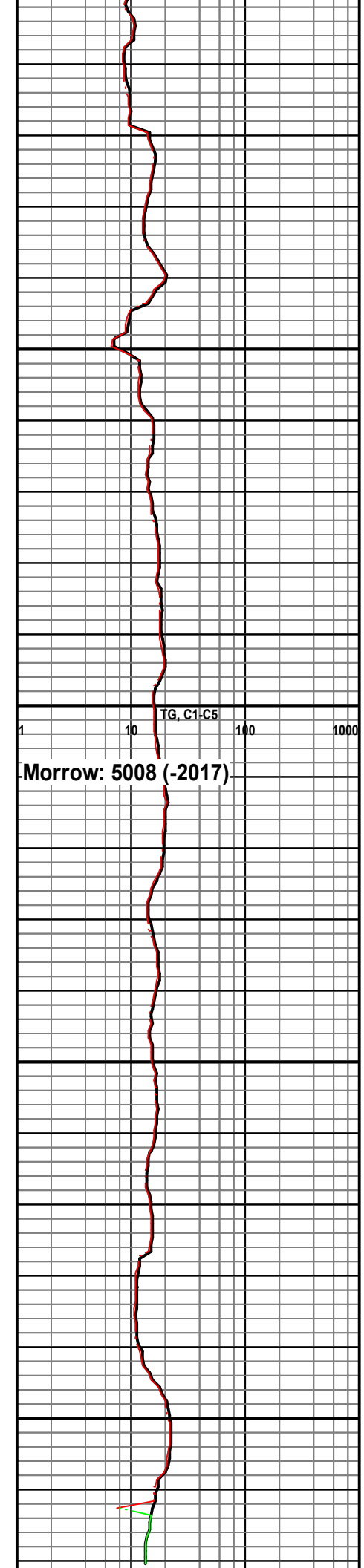
Sh: gry-drk gry, with some LS: gry, sli cm, mcrxln

Sh: A.A., some LS: A.A.

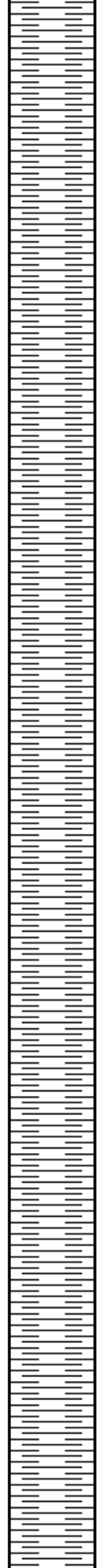
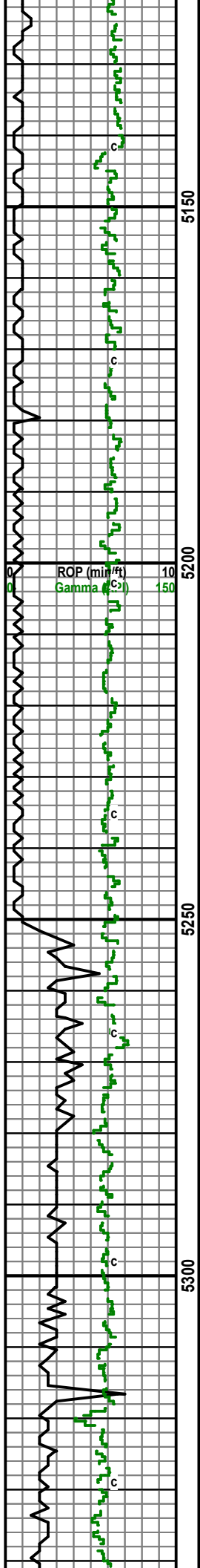
Sh: A.A.

Sh: A.A.

Sh: gry-drk gry



Morrow: 5008 (-2017)



Sh: gry-drk gry

Sh: gry-drk gry

Sh: gry-drk gry

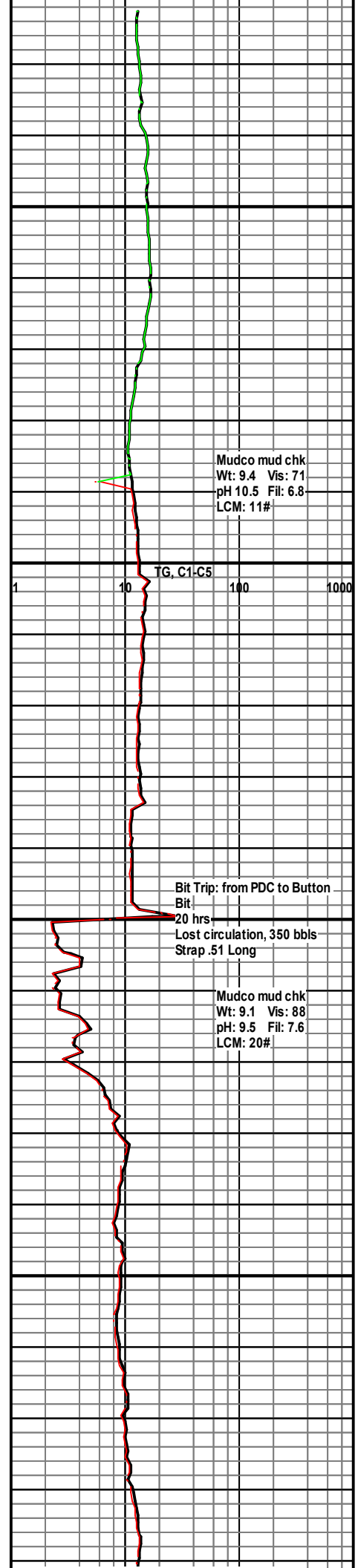
Sh: A.A.

Sh: gry-drk gry-lt gry

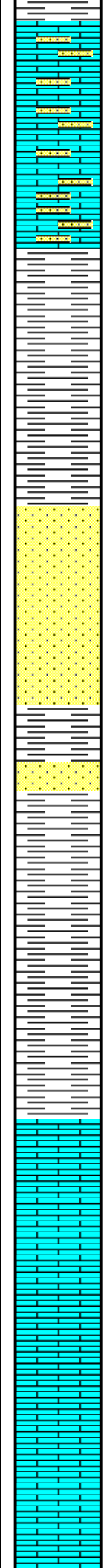
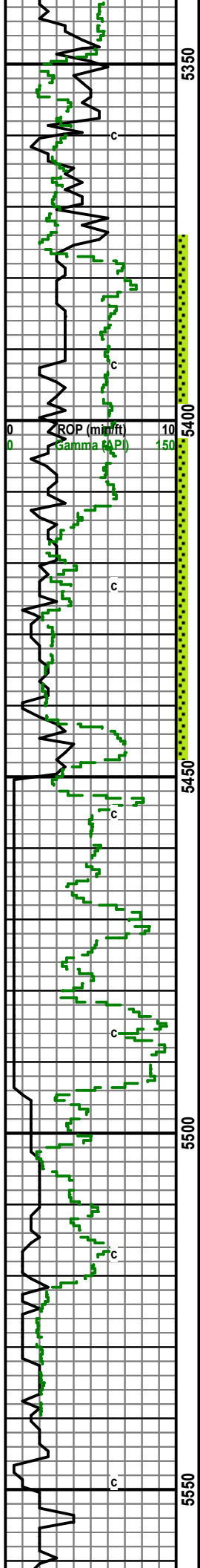
Sh: A.A. with some LS: crm-tan, sli gry, mcrxln, sli sndy

Sh: gry-drk gry, some lt gry, few pieces LS: A.A.

Sh: A.A.



Lower Morrow Marker: 5342 (-2017)



Sh: A.A. with LS crm-tan, mcr-fxln, sandy, some SS: opaque, sli glauc, calc

LS: crm-tan, mcr-fxln, sandy, some SS: opaque-clear, sli glauc, calc, some Sh: gry-lt gry-drk gry

SS: opaque-clear, fgrn, glauc, dense, sli calc, some LS: crm, sandy,

Sh: gry, drk gry-lt gry, some SS: A.A. and LS: A.A.

Sh: A.A. few pieces SS and LS

Sh: gry-drk gry

Mostly Sh: A.A. with some SS: opaque, f-mgrn, sub md, glauc, sli calc, NS, no fluor

Mostly Sh: some SS: A.A. mostly limey, few large quartz grns,

SS: opaque-clr, f-mgrn, pr sort, sub round-sub ang, sli glauc, fr-gd SFO, sli gas bubble, no odor, dull to fr yellow fluor, no odor

Sh: gry-drk gry

Sh: A.A.

mostly Sh: A.A. with some pieces of LS: red-crm, fxln, sandy

LS: crm, fxln, sli ool,

DST #1 5374-5450
30-60-45-90
IF: BOB 4"
FF: BOB instant, GTS 3"
Rec: 4526' GIP

241' wcmgo (15% g, 65% o, 5% w, 15% m)
62' wcomg (50% g, 10% o, 1% w, 39% m) 1000
124' ocgm (20% g, 5% o, 75% m)
50' ocgm (5% g, 2% o, 93% m)

IFP: 90-145 ISIP: 1102
FFP: 155-208 FSIP: 1100

CFS 60 min

CFS 60 min

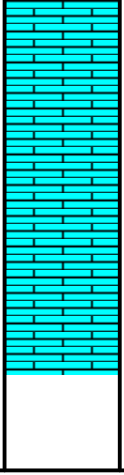
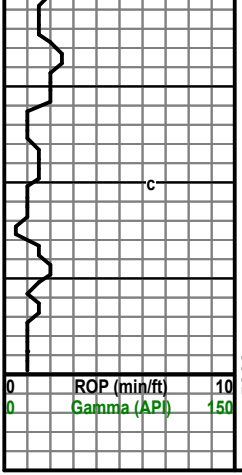
CFS 60 min

CFS 60 min

PDC back in hole after DST #1

Mudco mdchk
Wt: 9.0 Vis: 67
pH: 9.5 Fil: 7.6
LCM: 17#

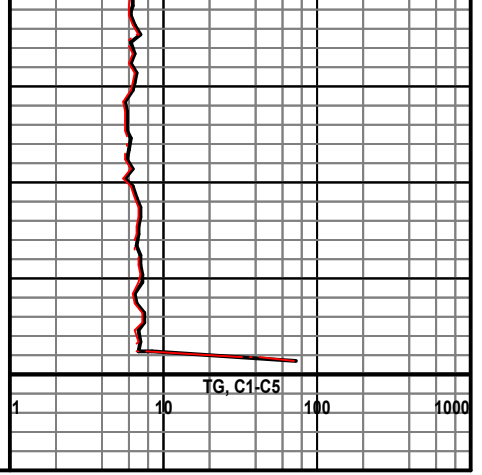
St. Gen: 5520 (-2195)



LTD 5574

verified as RTD on logging, left out 1 joint of drill pipe after DST #1

RTD 5600 [Actual RTD 5574]



ROP (min/ft) 10
Gamma (API) 150

TG, C1-C5
1 10 100 1000

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	White Exploration	Date:	7/10/2016	Ticket No.:	100648
Field Rep:					
Address:					
City, State:					
County, Zip:					

Field Order No.:	100648	Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Out of Sight #1	Casing Depth:	1753'		
Location:	Johnson City	Casing Size:	8 5/8 24#		
Formation:		Tubing Depth:			
Type of Service:	Surface	Tubing Size:			
Well Type:	OIL	Liner Depth:			
Age of Well:	New	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Via:	Casing	Total Depth:	1755		
				Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
2:30 PM					Called Out			
6:30 PM					On Location With F.E.			
					Rig Making Short Trip			
					Run 42 Joint's 24# 8 5/8 Casing			
					1 st Jt. 42'.28 AFU Insert & Reg. Guide Shoe			
					Centralizer on Jt's 1-30 Cement Basket Jt. 31			
11:35 PM					Start Casing			
1:15 AM					Casing On Bottom Drop Ball			
1:25 AM					Hook up to Casing Break Circulation With Rig			
2:25 AM	4.5		300.0		Start Pumping H2O			10.00
	4.5		260.0		Start Mix Lead 595 Sx 65/35 6%Gel3%C.C.5#/sx C.F.			211.00
	4.5		260.0		Start Mix Tail 200 Sx 2%Gel3%C.C..5#/sx C.F.			48.00
3:32 AM					Shut Down Release 8 5/8 Top Rubber Plug			
3:38 AM	6.0		20.0		Start Displacement			
					70 Out Circulate Cement to Pit			70.00
4:00 AM	3.0		1,000.0		Plug Landed			110.00
					Release Psi & Held			
TOTAL:						-	-	449.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.0	4.5	1,000.0	364.0

PRODUCTS USED

Treater: Todd Seba

Customer: Juan Tinoco

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	White Exploration Inc.	Date:	7/18/2016	SO#:		1286
Representative:	Terry Baird					
Address:						
City, State:						
County, Zip:						

Field Order No.:	100650	Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Out of Sight#1	Casing Depth:	5564		
Location:	Johnson	Casing Size:	5 1/2 15.5#		
Formation:		Tubing Depth:			
Type of Service:	5 1/2 Longstring	Tubing Size:			
Well Type:	Oil	Liner Depth:			
Age of Well:	New	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Via:	Casing	Total Depth:	5570		
				Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
9:00 PM					Called Out			
12:45 PM					On location WFE & Pump Truck			
12:45 PM					Rig Laying Down			
4:00 AM					Run 133 Jt's 5 1/2 Casing 15.5# =5564'			
					Shoe Jt=42.10 Float Shoe & LD Baffle			
					Cent On Jt's 2-3-4-5-6-7-10-13-16-20-23-26-29-32-35			
					Cement Baskets on Jt's 1-55 Scrathers Jt's			
					DV Tool Jt 56=3214'			
6:59 AM					Casing on Bottom			
7:15 AM			700.0		Drop Ball Break Circulation W/Rig 1 Hour			
9:30 AM	3.5		100.0		Start Pumping H2O			6.00
	3.5				Start Pumping Mud Flush			12.00
	3.5		250.0		Start Pumping H2O			6.00
	4.0		250.0		Start Mix & Pump Lead 60 Sx H-Con @ 12.1 #/Gal			26.61
	4.0		250.0		Start Mix & Pump Tall 200 Sx H-Long @ 16#/Gal			51.29
	6.0				Shut Down Clear Pump & Lines Release LD Plug			10.00
10:18 AM	1.0		100.0		Start Displacement 2% KCL			2.00
	6.0		900.0		Lift Psi			100.00
TOTAL:						-	-	736.17

SUMMARY			
Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.0	3.8	2,000.0	656.3

PRODUCTS USED

Treater: Todd Seba

Customer: Terry Baird

Attached to and Made a Part of
ACO-1 Form for
WHITE EXPLORATION, Inc.
OUT OF SIGHT #1
330' FNL and 1905' FEL
Section 7-29S-40W
Stanton County, Kansas
API# 15-187-21331-00-00

Surface Casing Cement

Cemented with 595 sacks 65/35 Cement with 6% gel and 3% CC and ¼#/sack Pheno-seal.
Followed by 225 sacks of Common Cement with 2% CC and ¼#/sack of Pheno-seal.

Production Casing Cement

Cemented bottom stage with 60 sacks of H-Con Cement with 3% CC, and ¼# Pheno Seal/sack
and 200 sacks of H-Long Cement with 10% salt, 5# Kol-Seal/sack, .25% Defoamer and .6%
Fluid Loss additive.

Cemented thru DV Tool @ 3208' with 315 sacks of H-Con Cement with 3% CC, and ¼# Pheno-
Seal/sack, Followed by 100 sacks of Common Cement with 2% CC and ¼# Pheno-Seal/sack.
Cement circulated to Surface. Plug Mouse Hole with 20 sacks and Rat Hole with 30 sacks of
Common Cement with 2 % CC and ¼# Pheno-Seal/sack.

Acid/Frac Record

Acidized with 1000 gallons of 7-1/2% MCA acid

Fracked with 14,000# of 16/30 Sand, 3,000# of 16/30 Resin Coated Sand and 18,500 gallons of
gelled water.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

White Exploration Inc.
1635 N Waterfront Pkw y
Suite 100
Wichita KS 67206
ATTN: Andy White

7-29-40 Stanton Co KS

Out Of Sight 1

Job Ticket: 64586

DST#: 1

Test Start: 2016.07.16 @ 05:56:15

GENERAL INFORMATION:

Formation: **Moeow Sand**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:19:30
 Time Test Ended: 16:43:15
 Interval: **5374.00 ft (KB) To 5450.00 ft (KB) (TVD)**
 Total Depth: 5450.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3326.00 ft (KB)
 3316.00 ft (CF)
 KB to GR/CF: 10.00 ft

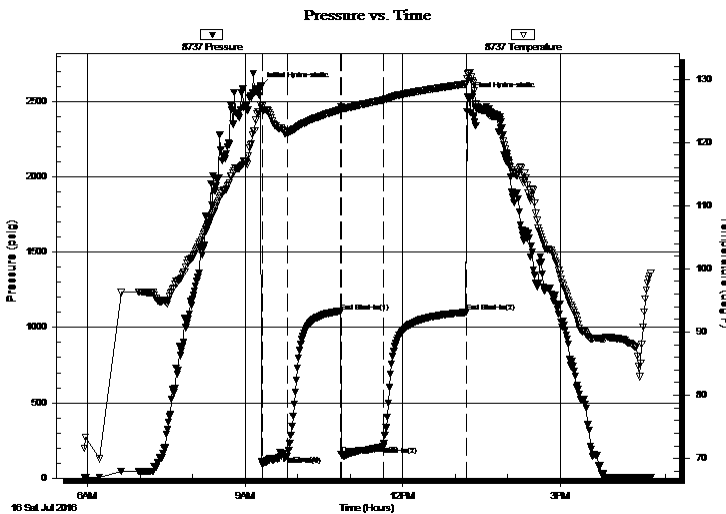
Serial #: 8737

Outside

Press @ Run Depth: 208.57 psig @ 5445.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.07.16 End Date: 2016.07.16 Last Calib.: 2016.07.16
 Start Time: 05:56:15 End Time: 16:43:15 Time On Btm: 2016.07.16 @ 09:17:45
 Time Off Btm: 2016.07.16 @ 13:14:00

TEST COMMENT: IF:BOB in 4 min.
 IS:No return blow
 FF:BOB instantly GTS in 3 min.
 FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2599.95	126.03	Initial Hydro-static
2	90.78	125.73	Open To Flow (1)
31	145.18	121.57	Shut-In(1)
91	1102.92	125.14	End Shut-In(1)
92	155.38	125.47	Open To Flow (2)
140	208.57	126.71	Shut-In(2)
235	1100.39	129.23	End Shut-In(2)
237	2533.85	130.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
241.00	w cmgo 5% w 15%m 15%g 65%o	1.19
62.00	w comg 1%w 10%o 39%m 50%g	0.87
124.00	ocgm 5%o 20%g 75%m	1.74
50.00	ocgm 2%o 5%g 93%m	0.70
0.00	GIP= 4526	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration Inc.
1635 N Waterfront Pkwy
Suite 100
Wichita KS 67206
ATTN: Andy White

7-29-40 Stanton Co KS
Out Of Sight 1
Job Ticket: 64586 **DST#: 1**
Test Start: 2016.07.16 @ 05:56:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 70.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
241.00	w cmgo 5% w 15%m 15%g 65%o	1.185
62.00	w comg 1%w 10%o 39%m50%g	0.870
124.00	ocgm 5%o 20%g 75%m	1.739
50.00	ocgm 2%o 5%g 93%m	0.701
0.00	GIP= 4526	0.000

Total Length: 477.00 ft Total Volume: 4.495 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API= 31 @60

