



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1178060
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1178060

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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SAMPLE TOPS

McCoy Petroleum McCoy
Schnackenberg 'A' #2-11
NE SW NW
1650'FNL & 990'FWL
Sec 11-34s-8w
KB: 1390'

	Depth	Datum
Heebner	3454	-2064
Stalnaker Sd	3800	-2410
Kansas City	4070	-2680
Stark	4224	-2834
BKC	4310	-2920
Ft Scott	4484	-3094
Cherokee	4597	-3107
Miss.	4638	-3248
Spergen 'B'	4652	-3262
Warsaw	4676	-3286
RTD	4785	-3395

LOG TOPS

McCoy Petroleum McCoy
Schnackenberg 'A' #2-11
NE SW NW
1650'FNL & 990'FWL
Sec 11-34s-8w
KB: 1390'

	Depth	Datum
Heebner	3454	-2064
Stalnaker Sd	3788	-2398
Kansas City	4070	-2680
Stark	4225	-2835
BKC	4310	-2920
Ft Scott	4488	-3098
Cherokee	4496	-3106
Miss.	4658	-3269
Spergen 'B'	4673	-3283
Warsaw	4698	-3308
LTD	4785	-3395



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

Well Name: SCHNACKENBERG "A" #2 - 11
Location: C - NE - SW - NW of Sec. 11 - T. 34 S. - R. 08 W.
License Number: A.P.I. #15-077-21,91996-00-00
Spud Date: 12/09/2013
Surface Coordinates: SPOT: 1650' FNL & 990' FWL

Region: HARPER CO., KS.
Drilling Completed: 12/14/2013

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 1381' **K.B. Elevation (ft):** 1390'
Logged Interval (ft): 261' **To:** 4785' **Total Depth (ft):** 4785'
Formation: MISSISSIPPIAN "WARSAW"
Type of Drilling Fluid: CHEMICAL/POLYMER/GEL

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

OPERATOR

Company: McCOY PETROLEUM CORPORATION KCC LIC. NO. # 5003
Address: 8080 E. CENTRAL, STE. 300
WICHITA, KANSAS 67206-2366

GEOLOGIST

Name: DAVID P. WILLIAMS, P.G.
Company: DW ENERGY, LLC
Address: 312 N. BROADVIEW STREET
WICHITA, KANSAS 67208

CASING & DEVIATION SURVEYS

Spud at 6:15 PM on 12/09/13. Drilled 12-1/4" hole to 265'. Ran 6 joints of new 23# 8-5/8" surface casing. Tallied 250.30', set at 261' KB. Welded straps on bottom 3 joints. Welded collars on 3 joints. Cemented with 200 sks 60/40 POZ; 2% Gel; 3% CC; 1/4# CF. Plug down at 4:30 am on 12/10/13. Cement did circulate. Allied Cementing ticket #59617

Deviation Survey's Taken: @ 265' = 1/2 degree; @ 4785' = 2 1/4 degrees.


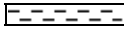

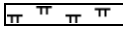
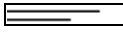
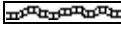




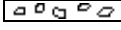







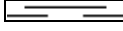

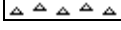


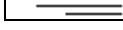
Comments

After review of all geologic samples as examined, combined with the analysis from the electric logs run, it was determined by all parties that production casing be run in order to further evaluate this well.




































































Respectfully submitted,

David P. Williams, P.G






















ROCK TYPES

 Anhy	 Clyst	 Gry shale	 Mrlst	 Shgy
 Bent	 Coal	 Gyp	 Red shale	 Sltst
 Brec	 Congl	 Igne	 Salt	 Ss
 Carb sh	 Dol	 Lmst	 Shale	 Till
 Cht	 Grn sh	 Meta	 Shcol	

ACCESSORIES

MINERAL			
 Anhy	 Hvymin	 Belm	 Pellet
 Arggrn	 Kaol	 Bioclst	 Pisolite
 Arg	 Marl	 Brach	 Plant
 Bent	 Minxl	 Bryozoa	 Strom
 Bit	 Nodule	 Cephal	
 Brecfrag	 Phos	 Coral	STRINGER
 Calc	 Pyr	 Crin	 Anhy
 Carb	 Salt	 Echin	 Arg
 Chtdk	 Sandy	 Fish	 Bent
 Chtlt	 Silt	 Foram	 Coal
 Dol	 Sil	 Fossil	 Dol
 Feldspar	 Sulphur	 Fuss	 Gyp
 Ferrpel	FOSSIL	 Gastro	 Ls
 Ferr	 Algae	 Oolite	 Mrst
 Glau	 Amph	 Oomold	 Sltstrg
 Gyp		 Ostra	 Ssstrg
		 Pelec	
			TEXTURE
			 Boundst
			 Chalky
			 Cryxln
			 Earthy
			 Finexln
			 Grainst
			 Lithogr
			 Microxln
			 Mudst
			 Packst
			 Wackest

OTHER SYMBOLS

POROSITY	 Vuggy	ROUNDING	 Even
 Earthy		 Rounded	 Spotted
 Fenest	SORTING	 Subrnd	 Ques
 Fracture	 Well	 Subang	 Dead
 Inter	 Moderate	 Angular	EVENT
 Moldic	 Poor		 Rft
 Organic		OIL SHOW	 Sidewall
 Pinpoint		 Gas show	
			INTERVAL
			 Dst
			 Dst_alt

Curve Track 1

ROP (min/ft) ———
Gamma (API) - - - -

Depth

Geological Descriptions

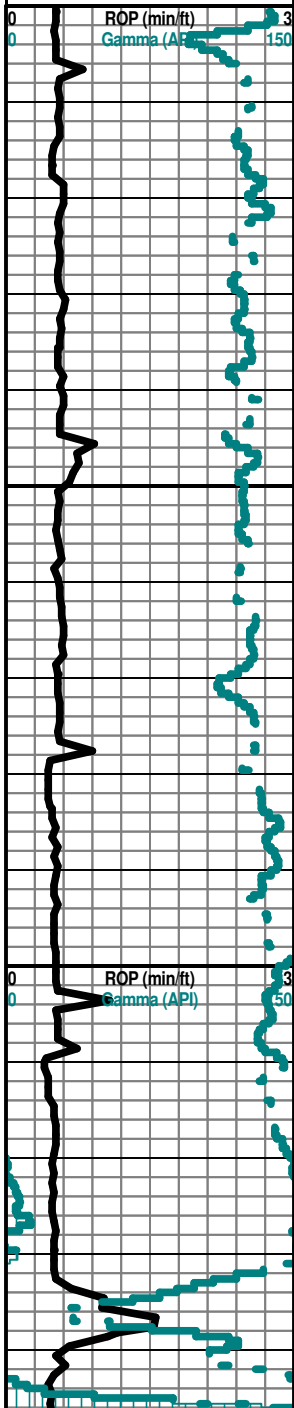
Oil Shows

Geological Descriptions

TG, C1-C5

TG (Units) ———
C1 (units) ———
C2 (units) - - - -
C3 (units) - - - -
C4 (units) - - - -

ROP (min/ft) 0 3
Gamma (API) 0 150



33

3350

3400

3450

McCOY PETROLEUM CORPORATION

SCHNACKENBERG "A" # 2-11

SPOT: 1650' FNL & 990' FWL

SEC. 11 - 34 S. - 08 W.

HARPER COUNTY, KANSAS

A.P.I. # 15 - 077 - 21,996 - 00 - 00

ELEVATION : 1390' K.B. ; 1381' G.L.

CONTRACTOR: STERLING DRILLING - RIG # 4

Geologist: David P. Williams, P. G.

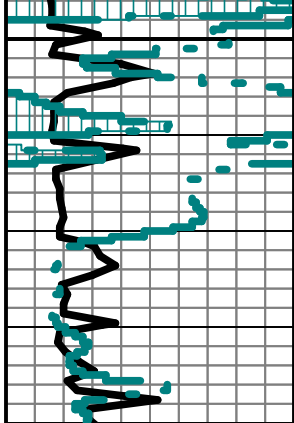
Deviation Survey's Taken: @ 265' = 1/2 degree; @ 4785' = 2 1/4 degrees.

TG, C1-C5 150

MUD DISPLACEMENT
@ 3122'.

TG, C1-C5 150

HEEBNER 3454' (- 2064)



4785

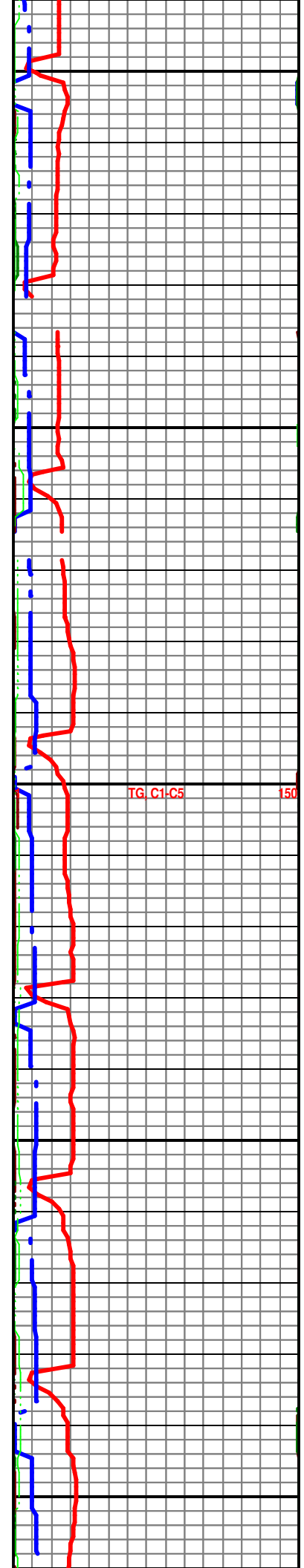
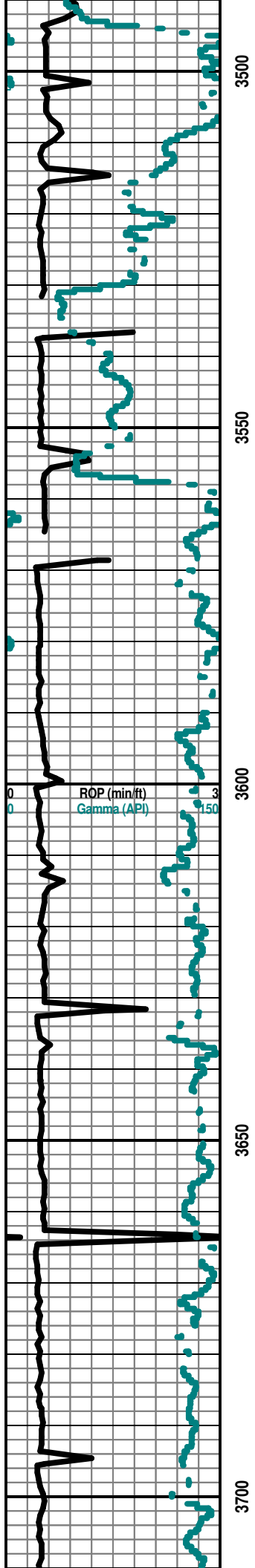
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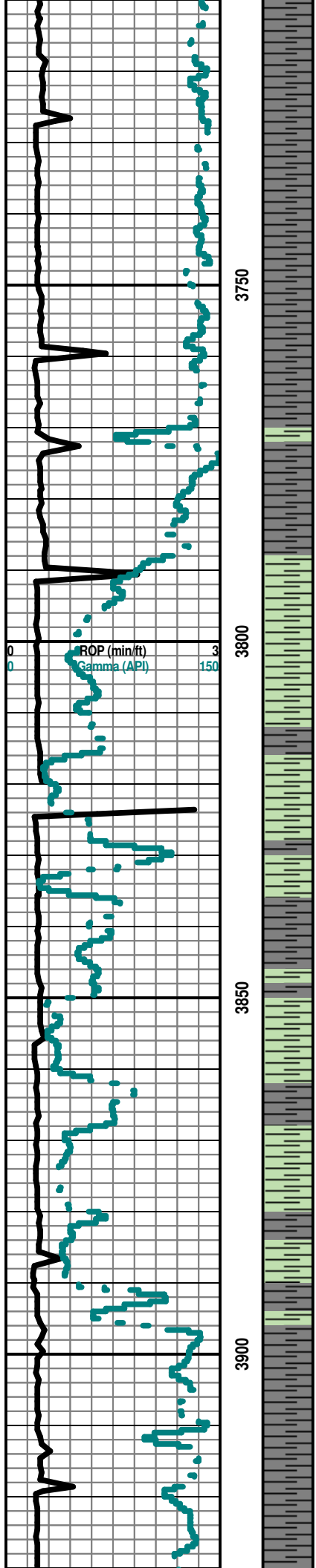
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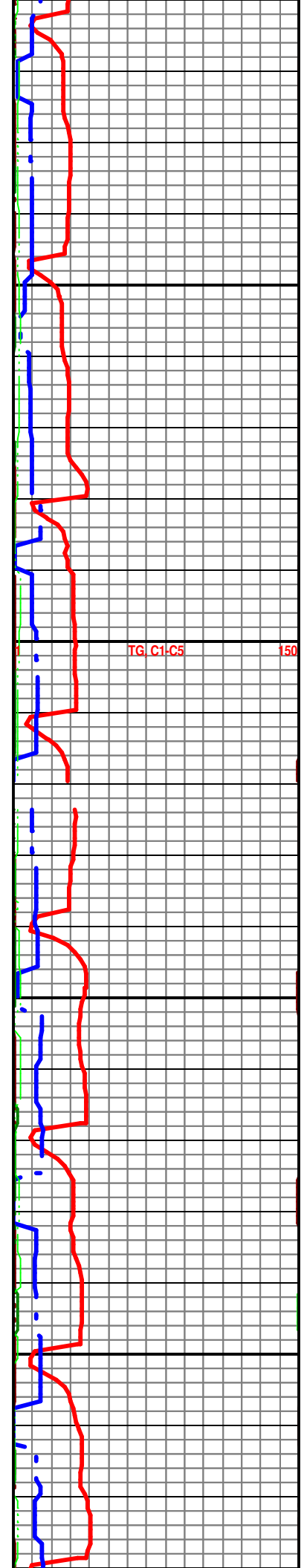
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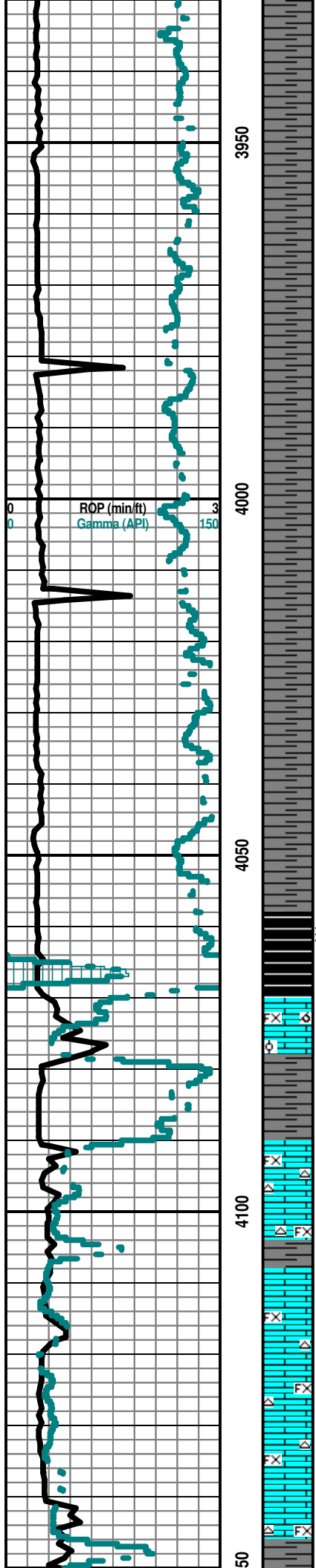




STALNAKER 3790' (- 2400)



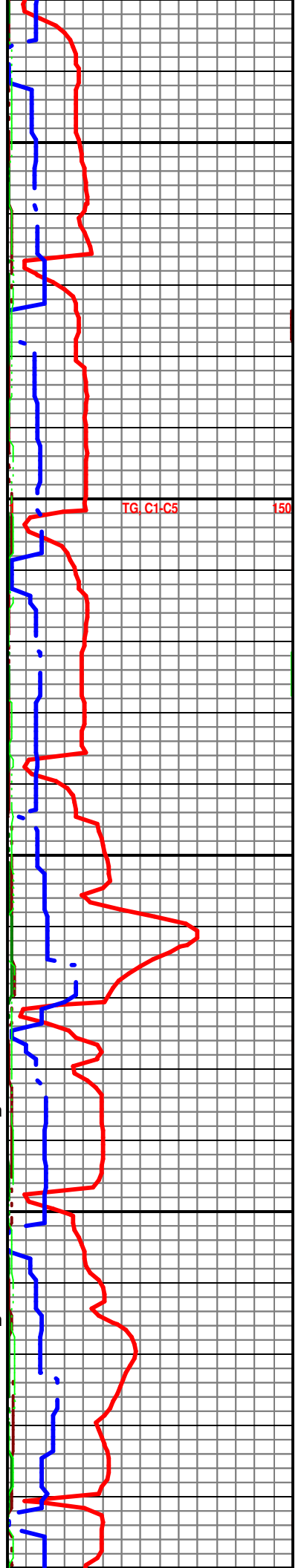
BASE STALNAKER 3896' (- 2506)

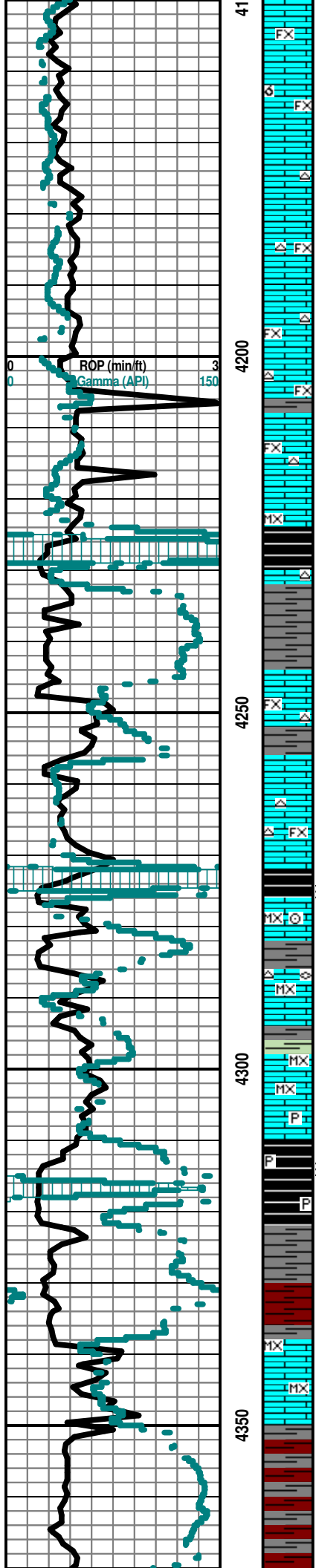


Note: All samples have been lagged to depth by calculated time.
Begin 10' Sample Examination @ 4130'.

KANSAS CITY 4070' (- 2680)

- Ls Wht FxIn Dns Micrite Grad Poor Pin-Pt IxIn Por Grad Poor OOM Por (w/Small OOids in pl) Barren Sh Blk Carb-Char-Gry-Lt Aqua Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht FxIn Dns Micrite Grad Poor Pin-Pt Vug IxIn Por Poor Leaching Barren Cht Wht Op Shp Vit Sh Blk Carb-Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht FxIn Dns Micrite Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht FxIn Dns Micrite Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht FxIn Dns Micrite Grad Poor Pin-Pt Vug IxIn Por Poor Leaching Barren Cht Wht Op Shp Vit Sh Blk Carb-Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS
- Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS





Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Grad Poor-Fair Vug Op Shp Vit Pyr Mass Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Grad Poor-Fair Vug Leached OOM Por Barren Cht Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Lt Gry-Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Lt Gry-Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Lt Tan FxIn Micritic Grad Poor-Fair Pin-Pt IxIn Por Barren Cht Lt Gry-Wht Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Crm-Drk Tan FxIn Micritic Grad Poor IxIn Por Barren Cht Lt Gry Op Shp Vit Chalky Sh Char-Gry-Blk Carb Tr Soft-Fissil No Odor No Stn No Flor NS

Ls Crm-Drk Tan FxIn Micritic Grad Poor IxIn Por Barren Cht Lt Gry Op Shp Vit Chalky Sh Char-Gry-Blk Carb Tr Soft-Fissil No Odor No Stn No Flor NS

STARK SHALE 4224' (- 2834)

Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Pyr Mass No Odor No Stn No Flor SG in Blk Carb Sh

Ls Crm-Tan-Lt Gry Micritic Barren Cht Wht- Smoky Gry Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

Ls Crm-Tan-Lt Gry Micritic Barren Cht Wht- Smoky Gry Op Shp Vit Sh Char-Gry Soft-Fissil No Odor No Stn No Flor NS

GEOLOGIST ON LOCATION @ 4252' (CALL DEPTH WAS LATE)

Ls Wht-Crm-Tan FxIn Micritic Barren Cht Wht Op Shp Vit Sh Char- Gry - Blk Carb Fissil No Odor No Stn No Flor NS

Ls Crm-Tan FxIn Micritic Barren Cht Wht-Amber Op Shp Vit Sh Char-Gry Fissil No Odor No Stn No Flor NS

HUSHPUCKNEY SHALE 4272' (- 2882)

Sh Blk Carb-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren Cht Wht-Smoky Gry Op Shp Vit Fos (Crin) No Odor No Stn No Flor SG in Blk Carb Sh

Ls Wht-Crm-Tan-Gry MicroxIn Micritic Barren Cht Amber-Gry (w/Fos (Fuss) Includ) Translu-Op Shp Vit Sh Blk Carb- Char- Gry- Grn Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan-Gry MicroxIn Micritic Barren Sh Carb- Char- Gry- Grn Fissil No Odor No Stn No Flor NS

Ls Crm-Tan-Gry-Drk Brn (w/Pyr Includ) MicroxIn Micritic Barren Chalky Sh Blk Carb-Char-Gry-Grn Fissil No Odor No Stn No Flor NS

BASE KANSAS CITY 4310' (- 2920)

Sh Blk Carb-Gry (w/Pyr Includ) Soft-Fissil VAbd Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

Sh Blk Carb-Gry Fissil Ls Crm-Tan MxIn Micritic Barren No Odor No Stn No Flor NS

Sh Maroon-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

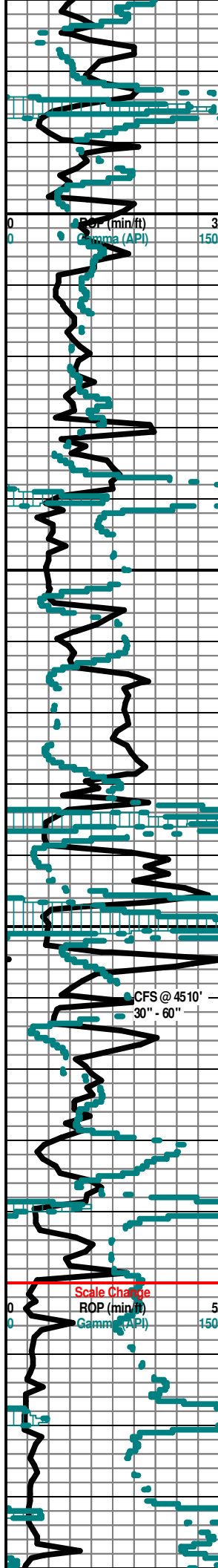
Sh Maroon-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

Sh Maroon-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

Sh Maroon-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

TG C1-C5 150

Mudco Ck @
4343' @
12:00 PM
12/13/13
Vis 58;
WT=9.4#;
PV= 18;
YP= 20;
WL= 9.0;
Cake= 1;
ChI=2000;
Cal = 80;
Sol=7.7%;
LCM= 0#;
DMC=\$
2,768.80
CMC=\$
9,494.90



4400
4450
4500
4550



Sh Maroon-Char-Gry Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

Sh Maroon-Char-Gry -Blk Carb Fissil Ls Crm-Tan MicroxIn Micritic Barren No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MxIn Micritic Barren Chalky Sh Gry- Grn- Aqua- Maroon (w/Pyr Inclus) Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MicroxIn Micritic Barren Sh Blk Carb-Char-Gry-Grn-Aqua-Maroon Soft-Fissil No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn Micritic Barren Sh Char-Gry-Grn-Aqua- Maroon Soft-Fissil No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn Micritic Grad Poor Pin-Pt IxIn Por Barren Sh Char-Gry-Grn-Aqua- Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn Micritic Barren Sh Char-Gry-Grn-Aqua-Blk Carb Maroon Soft- Fissil No Odor No Stn No Flor NS

Sh Char-Gry-Blk Carb Tr Fissil Ls Wht-Crm-Tan-Gry MicroxIn Micritic Barren No Odor No Stn No Flor NS

Ls Crm-Gry MicroxIn Micritic Barren Sh Char-Gry-Grn-Aqua- Maroon-Blk Carb Maroon Soft- Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Tan MicroxIn-FxIn Micritic Barren Fos (Crim, Fuss) Sh Char-Grn/Gry Fissil No Odor No Stn No Flor NS

Sh Char-Gry-Blk Carb Tr Fissil Ls Wht-Crm-Tan-Gry (w/Pyr Inlus) MicroxIn Micritic Barren Fos (Fuss) Pyr Mass No Odor No Stn No Flor NS

FORT SCOTT 4487' (- 3097)

30" CFS @ 4510' Ls Wht FxIn Micrite (w/Tr Pyr Inlus) Fos (Fuss) Sh Blk Carb Fissil ? Sli Odor ? Min Flor (5% of Tray) No Stn ? Show

CHEROKEE SHALE 4597' (- 3107)

60" CFS @ 4510' Ls Wht FxIn Micrite (w/Tr Pyr Inlus) Fos (Fuss) Sh Blk Carb Fissil ? Sli Odor ? Min Flor (5% of Tray) No Stn ? Show

Ls Crm-Gry MicroxIn Micrite Dns Barren Sh Char-Gry-Blk Carb Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Gry MicroxIn Micrite Dns Barren Sh Char-Gry-Blk Carb-Brn (w/Pyr Inclus) Fissil No Odor No Stn No Flor NS

Ls Wht-Crm-Gry MicroxIn Micrite Dns Barren Grad Poor IxIn Gran Por Cht Wht Op Shp Vit Chalky Fos (Brach) Sh Char-Gry-Blk Carb Fissil No Odor No Stn No Flor NS

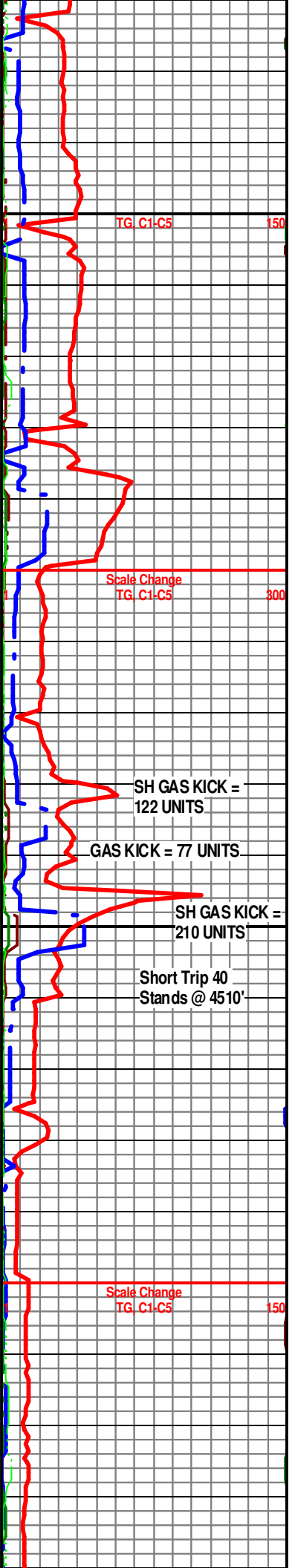
Sh Char-Gry-Blk Carb-Aqua (w/Carb Inlus) Fissil Ls Wht-Crm MicroxIn-FxIn (w/Pyr Inclus) Micrite Dns Barren Cht Wht Op Shp Vit Chalky No Odor No Stn No Flor NS

Ls Crm-Tan-Gry MiroxIn Micrite Dns Barren Pyr Mass Chalky Sh Char-Gry-Aqua Fissil No Odor No Stn No Flor NS

Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MiroxIn Micrite Chalk No Odor No Stn No Flor NS

Ls Crm-Tan MicroxIn Micrite Barren Chalk Sh Char-Gry-Blk Carb- Aqua Fissil No Odor No Stn No Flor NS

Ls Crm-Tan MicroxIn Micrite Barren Chalk Sh Char-Gry-Blk Carb- Aqua Fissil No Odor No Stn No Flor NS



TG C1-C5 150

Scale Change TG C1-C5 300

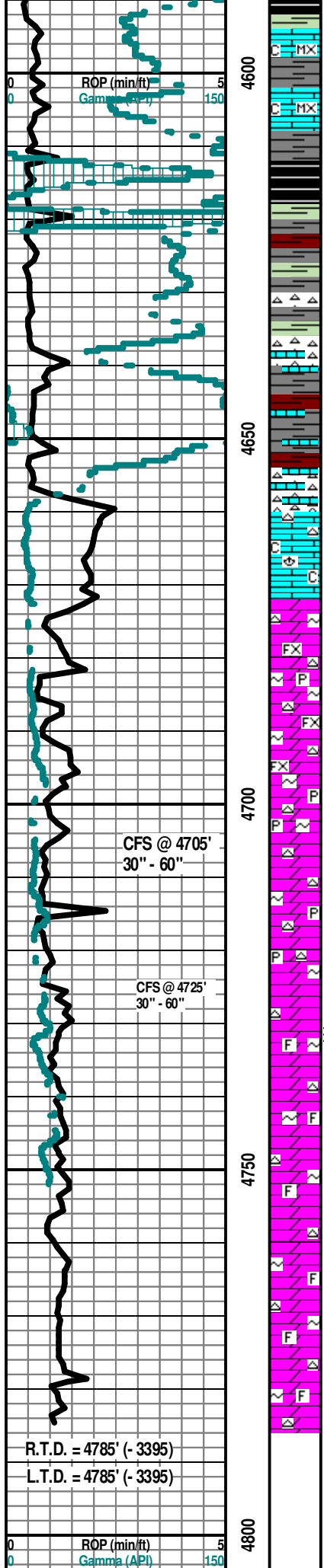
SH GAS KICK = 122 UNITS

GAS KICK = 77 UNITS

SH GAS KICK = 210 UNITS

Short Trip 40 Stands @ 4510'

Scale Change TG C1-C5 150



Ls Crm-Tan MicroIn Micrite Barren Chalk Sh Char-Gry-Blk Carb- Aqua Fissil No Odor No Stn No Flor NS

Ls Crm-Tan MicroIn Micrite Barren Chalk Sh Char-Gry-Blk Carb- Aqua Fissil No Odor No Stn No Flor NS

Sh Char-Gry-Blk Carb-Aqua Fissil Ls Crm-Tan-Gry MxIn Micrite Barren Chalk No Odor No Stn No Flor NS

Sh Varicolored Char-Gry-Blk Carb-Aqua-Maroon-Red Fissil Ls AA Wht Fxn Barren Chalk No Odor No Stn No Flor NS

Sh Varicolored Char-Gry-Blk Carb-Aqua-Maroon-Red Fissil Ls AA Wht Fxn Barren Chalk No Odor No Stn No Flor NS

Cht Wht Op Shp Vit Ls Crm-Tan MicroIn Micrite Grad Fxn Poor Pin-Pt Ixln Por Barren Chalk Sh Varicolored AA Aqua Inc No Odor No Stn No Flor NS

MISSISSIPPIAN 4654' (- 3264)

Cht Wht-Crm Trip Op Shp Vit w/ Fair SGFair Pin-Pt Ixln Por Fos (Brach) Ls Crm-Tan MiroxIn Micrite Barren Chalky Sh Vari- colored AA No Odor Trip (Few Pcs Drk Brn Stn) Sli Flor (Lt Grn) SG

MISS. SALEM (SPERGEN) 4673' (-3283)

30" CFS @ 4705' Dolo Crm-Tan Fxn Fair-Med Sucrosic (Salt & Pepper) Pin-Pt Ixln Por (w/GSG/FSO w/Glacu Includ) Soft Good Ixln Por Cht Wht Trip (w/GSG & SSO w/Broken) Pyr Mass Sh Variolord Fissil Dec Fair Flor (Lt Grn & Both Gas & Oil Do Flor) Dolo & Cht Lt Brn Scat Stn Good-Strong Odor GSG & SSO

60" CFS @ 4705' Dolo Crm-Tan Fxn Fair-Med Sucrosic (Salt & Pepper) Pin-Pt Ixln Por (w/GSG/SSO w/Glacu Includ) Soft Good Ixln Por Cht Wht Trip (w/GSG & SSO w/Broken) Pyr Mass Sh Variolord Fissil Dec Fair Flor (Lt Grn & Both Gas & Oil Do Flor) Dolo & Cht Lt Brn Scat Stn Good Odor GSG & SSFO

MISSISSIPPIAN WARSAW 4706 (- 3316)

30" CFS @ 4725' Dolo Crm-Tan Fxn Fair-Med Sucrosic (Salt & Pepper) V Smal I Pin-Pt Ixln Por (w/SG/SSO w/Glacu Includ) Soft Fair Ixln Por Cht Wht-Lt Brn Trip (w/Good Vug Leaching Por w/GSG & SSO w/Broken Hvy Brn Stn) Pyr Mass Sh Variolord Fissil AA Both Dolo/Cht Have Fair Inc Flor (Lt Grn & 20% of Tray) Scat Lt Brn Stn Good Odor SG & SSFO

60" CFS @ 4725' Dolo Crm-Tan Fxn Fair-Med Sucrosic (Salt & Pepper) V Smal I Pin-Pt Ixln Por (w/SG/SSO w/Glacu Includ) Soft Fair Ixln Por Cht Wht-Lt Brn Trip (w/Good Vug Leaching Por w/GSG & SSO w/Broken Hvy Brn Stn) Pyr Mass Sh Variolord Fissil AA Both Dolo/Cht Have Fair Inc Flor (Lt Grn & 20% of Tray) Scat Lt Brn Stn Good Odor SG & SSFO

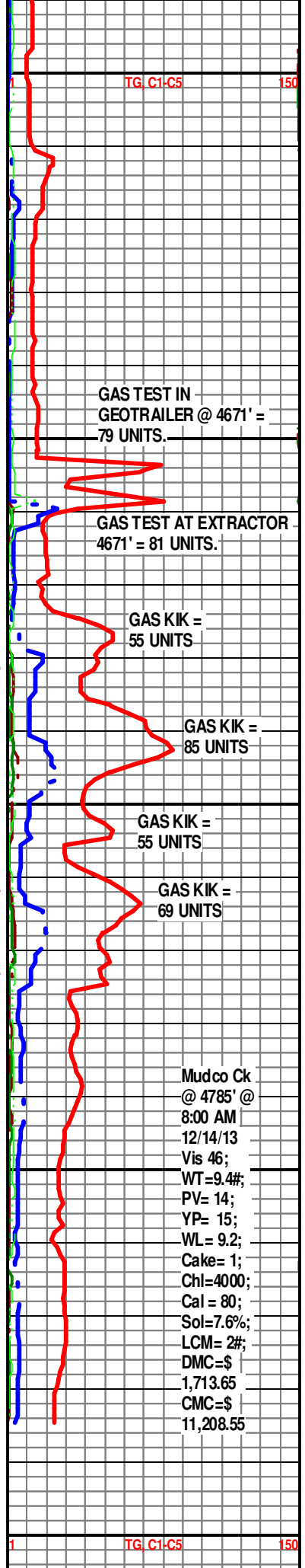
Dolo Wht-Crm-Tan Fxn Fair-Med Ixln Sucrosic Por (w/SSG & SSFO) Cht Bone Wht-Gry (w/Fos (Abd Spicule Includ) Op Shp Vit (w/SG & SO) Trip Good Leaching Por (w/SG & SO) Drk Blk Gillsonitic Stn Sh AA Tr Flor (Lt Grn) Dec Scat Lt Brn Stn Tr Faint Dec Odor SSG & SSO Dec

30" CFS @ 4785' Dolo Wht-Crm-Tan Fxn Fair Ixln Sucrosic Por (w/Glacu Includ) Cht Wht-Gry Op Shp Vit Trip Dec Poor-Fair Leaching Por Drk Blk Gillsonitic Stn (Few Pcs) Sh AA ? Scatt Flor (Lt Grn) ? Scat Lt Brn Stn ? Faint Dec Odor NS

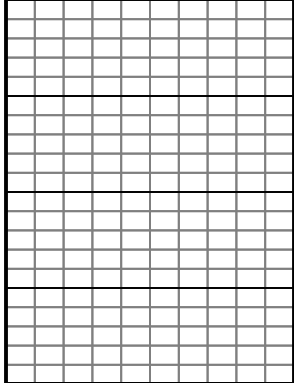
60" CFS @ 4785' Dolo Wht-Crm-Tan Fxn Fair Ixln Sucrosic Por (w/Glacu Includ) Cht Wht-Gry Op Shp Vit Trip (Fos (Spicule) Poor Leaching Por Sh AA No Flor ? Scat Lt Brn Stn No Odor NS

R.T.D. = 4785' (- 3395)
L.T.D. = 4785' (- 3395)

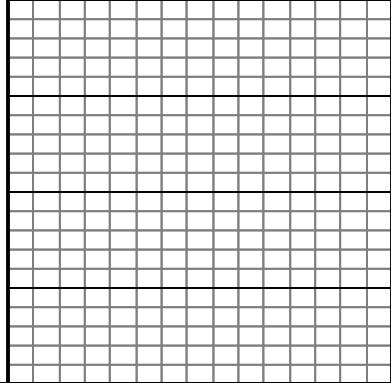
Electric Logs Run: By Weatherford Logging: Dual Induction; Compensated Density-Neutron; & Microresisitvity Logs.



Geologist Left Location at: 7:00 PM on 12/14/2013



50



ALLIED OIL & GAS SERVICES, LLC 059617

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>12-10-13</u>	SEC. <u>11</u>	TWP. <u>34S</u>	RANGE <u>8W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 PM</u>	JOB FINISH <u>9:15</u>
LEASE <u>Schnakenburg A</u>	WELL # <u>2-11</u>	LOCATION <u>Atten KS 2E 6S To 2 Hwy 2S</u>			COUNTY <u>Harper</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1E 1 1/2 E into</u>				

CONTRACTOR Sterling #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 265

CASING SIZE 8 5/8 DEPTH 265

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 26

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 15.5

OWNER McCoy

CEMENT

AMOUNT ORDERED 200 sc 100:40:20% Gr / + 3% CC + 1/4# Floscel

EQUIPMENT

PUMP TRUCK CEMENTER Jake Heard

471/265 HELPER Justin Bower

BULK TRUCK

364 DRIVER James Bowen

BULK TRUCK

DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	<u>75x</u>	@ <u>64.00</u>	<u>448.00</u>
ASC			
<u>Floscel 50#</u>	@	<u>297</u>	<u>148.50</u>
<u>Allied 100/100 poz 2% Bbl 200x</u>	@	<u>14.90</u>	<u>2980.00</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>219.280/14</u>	@	<u>2.48</u>	<u>543.83</u>
MILEAGE <u>271.65 T.Mile</u>	@	<u>260</u>	<u>706.29</u>
		TOTAL	<u>4826.62</u>

REMARKS:

Pipe on Bottom Break Circ w/
Pump Safety Meeting - Pressure test -
Pump Spacer - Mix + Pump Cmt -
Stop - Swap valves - Release plug -
Start washup - + Displacement - Continue
Stop - Shut in - Release pressure

Cmt Did Circ

SERVICE

DEPTH OF JOB <u>265</u>			
PUMP TRUCK CHARGE <u>1512.25</u>			
EXTRA FOOTAGE	@		
MILEAGE <u>30</u>	@	<u>7.70</u>	<u>231.00</u>
MANIFOLD <u>87x 1</u>	@	280.00	280.00
L.V. Mileage <u>30</u>	@	<u>4.40</u>	<u>132.00</u>
	@		
		TOTAL	<u>1875.25</u>

CHARGE TO: McCoy

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 5/8

<u>Wooden Plug 1</u>	@	<u>67.50</u>	<u>67.50</u>
	@		
	@		
	@		
	@		
		TOTAL	<u>67.50</u>

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cement 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 6,769.37

DISCOUNT price of 5428.99 IF PAID IN 30 DAYS

PRINTED NAME X Lanny S. Saloga

SIGNATURE X Lanny S. Saloga

ALLIED OIL & GAS SERVICES, LLC 062361

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Medicine Lodge KS

DATE <u>12/15/12</u>	SEC. <u>11</u>	TWP. <u>34s</u>	RANGE <u>84w</u>	CALLED OUT	ON LOCATION <u>5:30 AM</u>	JOB START <u>10:00 AM</u>	JOB FINISH <u>11:00 PM</u>
LEASE <u>Schnackerbers</u>		WELL # <u>A-2</u>		LOCATION <u>Attiwa KS, 2 East, 6 south to 2Hwy,</u>		COUNTY <u>Harper</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)		2 south to Rd 20, 1 East, 1/2 South, East into					

CONTRACTOR Sterling 4 OWNER McCoy Petroleum

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 4785 CEMENT AMOUNT ORDERED 50 sk 60:40:4% Gel,

CASING SIZE 5 1/2 DEPTH 4784 150 sk Class A ASC + 3% C-44 + 1/4# Floseal,

TUBING SIZE DEPTH 18 BBLs Super Flush

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1250 MINIMUM

MEAS. LINE SHOE JOINT 21

CEMENT LEFT IN CSG. 21 ft

PERFS.

DISPLACEMENT 116 1/4 BBL Fresh H2O

EQUIPMENT

PUMP TRUCK CEMENTER Jason Thimesch

558/558 HELPER Scott Friddy

BULK TRUCK

561/553 DRIVER Justin Bower

BULK TRUCK

DRIVER

REMARKS:

Pump Preflush, Pump 150 sk cement, Disp, Pump plug, Float held, Plug RH/MA w/ 50 sk

CEMENT

COMMON 30 @ 17.90 537.00

POZMIX 20 @ 9.35 187.00

GEL 1.72 @ 23.45 40.24

CHLORIDE @

ASC 150 sk @ 20.90 3135.00

Gas Block 42# @ 18.00 756.00

Floseal 38# @ 2.97 112.86

ASF 18" Bbls @ 58.70 1056.60

@

@

@

HANDLING 239.39 @ 2.48 593.68

MILEAGE 10.26/30/2.60 @ 800.55

TOTAL 7218.93

SERVICE

DEPTH OF JOB 4784'

PUMP TRUCK CHARGE 2765 IS

EXTRA FOOTAGE @

MILEAGE 30 @ 7.70 231.00

MANIFOLD @ 276.00

LV 30 @ 4.40 132.00

TOTAL 3403.75

PLUG & FLOAT EQUIPMENT

Centralizers 4 @ 57.33 229.32

Basket 1 @ 394.25 394.25

AFEu Float Shoe 1 @ 408.33

Latch down Plug 1 @ 324.09

TOTAL 1355.99

CHARGE TO: McCoy Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME Grady Keimig
SIGNATURE 

SALES TAX (If Any) _____

TOTAL CHARGES 11,978.67

DISCOUNT _____ IF PAID IN 30 DAYS

Net 9854.13



energy services, L.P.

TREATMENT REPORT

Customer <i>MCCOY PET CORP</i>		Lease No. <i>2-11</i>		Date <i>12-26-13</i>	
Lease <i>SCHNACKENBERG A</i>		Well # <i>2-11</i>			
Field Order # <i>9689</i>	Station	Casing <i>5 1/2</i>	Depth <i>4750</i>	County <i>HARPER</i>	State <i>KS</i>
Type Job <i>CNW - Square Root</i>	Formation			Legal Description <i>11-34-8</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>	<i>2 1/8</i>			Pre Pad	Max		5 Min.	
Depth <i>104</i>	Depth	From <i>4673</i>	To <i>4678</i>	Pad	Min		10 Min.	
Volume <i>2.5</i>	Volume	From <i>4698</i>	To <i>4710</i>	Frac	Avg		15 Min.	
Max Press	Max Press	From	To					
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth <i>4578</i>	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
-------------------------	--------------------------------------	-----------------------------------

Service Units	<i>27900</i>	<i>19903</i>	<i>20020</i>	<i>19959</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>GRAVES</i>	<i>YUNN</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:20</i>					<i>and be safe, meet</i>
<i>2:00</i>	<i>500</i>		<i>44</i>	<i>2</i>	<i>lead annulus loaded psi</i>
<i>2:20</i>		<i>550</i>	<i>8</i>	<i>1 1/4</i>	<i>lead tube tube loaded set injection rate mix volume in water</i>
<i>2:25</i>			<i>18</i>	<i>1 1/2</i>	<i>at mix rate 50 sk w/ 3% ac</i>
<i>2:40</i>					<i>circulation with BREADEN HEAD</i>
<i>2:42</i>			<i>7</i>	<i>1 1/4</i>	<i>total cut mix 100 sk @ 15 psi shut down with 15 min pump</i>
		<i>400</i>	<i>10</i>		<i>at 100</i>
		<i>500</i>	<i>15</i>	<i>1</i>	<i>INCREASE IN PSI</i>
		<i>650</i>	<i>18 3/4</i>		<i>close BREADEN HEAD</i>
<i>3:50</i>		<i>750</i>			<i>Slow Rate</i>
<i>3:50</i>		<i>200</i>			<i>Shut down AND STOP</i>
		<i>0</i>			<i>PSI 4-10</i>
					<i>Release PSI</i>
				<i>1 1/2</i>	<i>Run out</i>
<i>3:53</i>			<i>25</i>		<i>Shut down pull 10 sec</i>
<i>4:25</i>		<i>500</i>			<i>PSI TO 500 close valve</i>

Customer	MCCOY PETROLEUM	Lease No.		Date	12-26-13		
Lease	SCHNACKENBERG A	Well #	2-11				
File #	9687	Station	PRATT KS	Casing	3 1/2	Depth	
Type Job	ACNW/CNW SOLVERE	Formation	MISSISSIPPI	County	HARPER	State	KS
				Legal Description	11-34-8		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5 1/2	2 7/8						
Depth	Depth	From	To	Pre Pad	Max		5 Min.
		4673	4678				
Volume	Volume	From	To	Pad	Min		10 Min.
		4682	4692				
Max Press	Max Press	From	To	Frac	Avg		15 Min.
		4698	4710				
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
				SALT WATER			30

Customer Representative	DAVE OHLER	Station Manager	GORDLEY	Treater	M'GUIRE
Service Units	3036	33203			
Driver Names	MR	ROLMY			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
840					ON LOCATION SAFETY MET
1013					RIG UP
1016					START H2O
1020			149		LOADED
1021		426		15	
1021		504		1	UP RATE
1022		572		14	UP RATE
1023		486	179	14	TUBING VOLUME 12-26-13
1025		600	20	14	
1028		455	24	14	
1032		0	29		SHUT DOWN
					CEMENT TRUCKS CALLED TO SOLVERE
					JOB COMPLETE
					THANK YOU