

C	onfiden	tiality	Requested:
	Yes	N	lo

### Kansas Corporation Commission Oil & Gas Conservation Division

1100117

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 #			API No. 15		
Name:			Spot Description:		
Address 1:			Sec	Twp S. R [	East West
Address 2:			Feet	t from North / South	Line of Section
City: Sta	ıte: Zip	D:+	Feet	t from East / West	Line of Section
Contact Person:			Footages Calculated from Ne	earest Outside Section Corner:	
Phone: ()			□ NE □ NW	□ SE □ SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long:	
Name:				g. xx.xxxxx) (e.	gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 N		
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	Well #: _	
New Well Re-E	=ntrv	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:	
☐ Gas ☐ D&A	☐ ENHR	☐ SIGW	Total Vertical Depth:	Plug Back Total Depth:_	
OG  CM (Coal Bed Methane)	☐ GSW	Temp. Abd.	Amount of Surface Pipe Set a	and Cemented at:	Feet
Cathodic Other (Core,	Evol etc.):		Multiple Stage Cementing Co		
If Workover/Re-entry: Old Well Info					Feet
Operator:				nent circulated from:	
•			' '	w/	
Well Name: Original Comp. Date:			loot doptii to.	w/	ox ome.
	_	NHR Conv. to SWD			
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management (Data must be collected from the		
Commingled	Permit #:		Chloride content:	ppm Fluid volume:	bbls
☐ Dual Completion	Permit #:		Dewatering method used:		
SWD	Permit #:		Location of fluid disposal if ha	auled offsite:	
ENHR	Permit #:		Operator Name:		
GSW	Permit #:			Licence #	
				License #:	
Spud Date or Date Read	ched TD	Completion Date or		TwpS. R	
Recompletion Date		Recompletion Date	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 Approved by: Date:								

Page Two



Operator Name:				_ Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov	
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic	
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample	
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum	
Cores Taken         ☐ Yes         ☐ No           Electric Log Run         ☐ Yes         ☐ No										
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives		
Perforate Protect Casing	Top Dottern									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)	
Does the volume of the t			-		-			skip question 3)		
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)	
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth	
						(* *			200	
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:				
		0017111				[	Yes N	o		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity	
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!		
DISPOSITION Solo	ON OF GAS:  Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Samuel Gary Jr. & Associates, Inc.
Well Name	MUDD TRUST 1-5
Doc ID	1100117

## All Electric Logs Run

DENSITY	
INDUCTION	
MICRO	
SONIC	
SPECTRAL GR	

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



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

Sam Brownback, Governor

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

November 07, 2012

TOM FERTAL Samuel Gary Jr. & Associates, Inc. 1515 WYNKOOP, STE 700 DENVER, CO 80202

Re: ACO1 API 15-167-23812-00-00 MUDD TRUST 1-5 NE/4 Sec.05-15S-15W Russell 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, TOM FERTAL



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net Invoice # 807

P.O.#:

Due Date: 8/21/2012 Division: Russell

Date: 7/22/2012

## Invoice

Contact:

Samuel Gary Jr & Associates Inc Address/Job Location: Samuel Gary Jr & Associates Inc 1815 11th Street Great Bend, KS 67530

Reference:

MUDD TRUST 1-5

**Description of Work:** LONG SURFACE JOB

Services / Items Included:	Quantity		Price	Taxable	ltem .	Quantity		Price	Taxable
Labor		\$	963.85	No	Bulk Truck Mileage-Job to Nearest Bulk Plant	16		\$98.63	No
Common-Class A	350	\$	4,507.22	Yes					
8 5/8" Basket	3	\$	1,000.67	Yes					
Bulk Truck Matl-Material Service Charge	390	\$	823.33	No					
Calcium Chloride	13	\$	654.00	Yes					
8 5/8" Centralizer	3	\$	202.67	Yes					
Flo Seal	87	\$	183.67	Yes					
Pump Truck Mileage-Job to Nearest Camp	16	\$	168.55	No					
Premium Gel (Bentonite)	7	\$	120.29	Yes					
8 5/8" Top Rubber Plug	19	\$	111.89	Yes					
Baffle Plate Aluminum, 8 5/8"	1	\$	95.00	Yes					
Invoice Terms:						SubTotal:	\$	8,929.77	
Net 30			Discou	ınt Ava	ilable <u>ONLY</u> if Invoice is Paid &	Received	•	(4.000.47)	
					within listed terms	of invoice:	\$	(1,339.47)	
					SubTotal for Ta	xable Items:	\$	5,844.09	•
					SubTotal for Non-Ta	xable Items:	\$	1,746.21	
						Total:	\$	7,590.30	•
				8.30% F	Russell County Sales Tax	Tax:	\$	485.06	
Thank You For Your Business!					Am	ount Due:	\$	8,075.36	
					Applied F	ayments:			
					Bala	ance Due:	\$	8,075.36	

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.



JUL 27 2012

SAMUEL GARY JR. & ASSOCIATES, INC.

DORLG C	OMP   W/O   LOE   GO
Account	8200.139
Well/Prospect	
Deck	
AFE	100
Approval	Mark
Description	

## QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

807

Sec. Twp. Range County State Finish On Location 5 Date 4:00 Am KANSAS Well No. Owner Sam GAPU Je
To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. T.Ď. Hole Size Depth Depth Tbg. Size Depth Tool . State 42 Shoe Joint The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Csg. Cement Amount Ordered 3 Displace Meas Line **EQUIPMENT** Cementer NICK No. Common Helper No. Driver Poz. Mix Driver Driver Gel. Driver **JOB SERVICES & REMARKS** Calcium Remarks: Hulls Rat Hole Salt Mouse Hole Flowseal Centralizers Kol-Seal Baskets Mud CLR 48 D/V or Port Collar. CFL-117 or CD110 CAF 38 CTECHIATE Sand Handling, Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets et deessuer @ 400 **AFU** Inserts ANDED @700# Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount X Signature Total Charge



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665 Phone:785-324-1041 fax:785-483-1087 Email: cementing@ruraltel.net

Date: 7/29/2012 Invoice # 923

P.O.#:

Quantity

**Applied Payments:** 

**Balance Due: \$** 

Price

3,841.02

Taxable

Due Date: 8/28/2012 Division: Russell

## **Invoice**

**Contact:** 

Samuel Gary Jr & Associates Inc Address/Job Location: Samuel Gary Jr & Associates Inc 1815 11th Street Great Bend, KS 67530

Reference:

**MUDD TRUST 1-5** 

**Description of Work:** 

Services / Items Included:

PLUG JOB

LEDOI		Ψ	1,200.20	163		
Common-Class A	123	\$	1,629.22	Yes		
Bulk Truck Matl-Material Service Charge	212	\$	460.34	Yes		
POZ Mix-Standard	80	\$	399.54	Yes		
Pump Truck Mileage-Job to Nearest Camp	16	\$	173.37	Yes		
Flo Seal	50	\$	108.57	Yes		
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$	101.45	Yes		
Dry Hole Plug	1	\$	60.80	Yes		
Invoice Terms:					SubTotal:	\$ 4,172.53
Net 30			Discou		if Invoice is Paid & Received within listed terms of invoice:	\$ (625.88)
		-		***	SubTotal for Taxable Items:	\$ 3,546.65
		_			SubTotal for Non-Taxable Items:	\$ 
					Total:	\$ 3,546.65
				8.30% Russell County Sal	les Tax Tax:	\$ 294.37
Thank You For Your Business!					Amount Due:	\$ 3,841.02

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

RECEIVED

Quantity

Labor

Price

1.239.23

Taxable

Yes

AUG 0 9 2012

SAMUEL GARY JR. & ASSOCIATES, INC.

Description	
Approval	
AFE	110
Deck	The state of the s
Well Prospect	
Account	8200.145

Item

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665 No. 923

Cell 785-324-1041			5 - Y
7-21-12 Sec.	Twp. Range	County State On Location	Finish
Lease Mudd Trust	Well No. 1-5 Loc	cation Balta Rd + I-70, 5 to Liv	8:38)AM
( A )	11/	LIV To CI	Kohn NA
	nergy #6	To Quality Oilwell Cementing, Inc.	#
Type Job	T.D. 3500'	You are hereby requested to rent cementing equipmen cementer and helper to assist owner or contractor to de	t and furnish
Hole Size 1/8"	Depth	Charge C - 1	
Tbg. Size 4% D. P.	Depth 3383		ociates
Tool	Depth 3303	Street	1 , 100-
Cement Left in Csg.	Shoe Joint	City State  The above was done to satisfaction and supervision of owner	
Meas Line	Displace 420	Cement Amount Ordered 20 5 5x 60/96	4% Gel 14th
EQUIPN	7,20	37 60778	174 (141 144)
Pumptrk 6 No. Cementer Helper	au;5	Common 123	
No. Driver	(U) 3	Poz. Mix	mr II
Bulkerk O. U. No. Driver Driver Driver	<u> </u>	Gel. 7	11. a
JOB SERVICES	& REMARKS	Calcium	
Remarks:	( T ( 0 ( ) ) )	Hulls	
Rat Hole		Salt	
Mouse Hole	Time X	Flowseal 50#	
Centralizers		Kol-Seal	
Baskets	,	Mud CLR 48	
D/V or Port Collar	, # E	CFL-117 or CD110 CAF 38	
3383'-255X	Plans and a second	Sand	
976' - 255X	at the second	Handling 312	
425' - 100 SX		Mileage	
401-105x w	pluor	FLOAT EQUIPMENT	
Rathole - 305x	J. J. San	Guide Shoe	
Mousehole - 155x		Centralizer	
	$\sim$	Baskets	
Cement dil	( sculate,	AFU inserts	
		Float Shoe	
- Anthropology and an an		Latch Down	
	- s dan	1- Dunhole place	
The state of the s		Pumptrk Charge P/LUG	
tita tt # lages a	in the same of	Mileage /6	
ं के के कर संस्थान	Europi e	Tax	
11		Discount	
Signature Rouds O Mouth	~	Total Charge	



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

Well Name: SGA MUDD TRUST 1-5

Location: SEC. 5 15S-15W RUSSELL CO., KANSAS

License Number: 15-167-23812-0000 Region: WILDCAT Spud Date: 7/18/12 **Drilling Completed: 7/25/12** 

Surface Coordinates: 1270 FNL/ 2200 FEL

**Bottom Hole Coordinates:** 

Ground Elevation (ft): 1889' K.B. Elevation (ft): 1899' Logged Interval (ft): 2800' To: 3500' Total Depth (ft): 3500'

Formation: Lansing, Arbuckle

**Type of Drilling Fluid:** 

Printed by WellSight Log Viewer from WellSight Systems 1-800-447-1534 www.WellSight.com

### **OPERATOR**

Company: Samuel Gary Jr. & Assoc. Address: 1515 Wynkoop, Ste. # 700

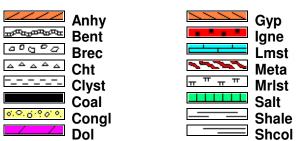
Denver, Colo. 80202 **Geo: CHRIS MITCHELL** 

### **GEOLOGIST**

Name: Schuyler Hedrick Company: Earth Tech OGL, Inc. Address: PO Box 683

Hooker, Okla . 73945 Off. 888-543-8378

### **ROCK TYPES**





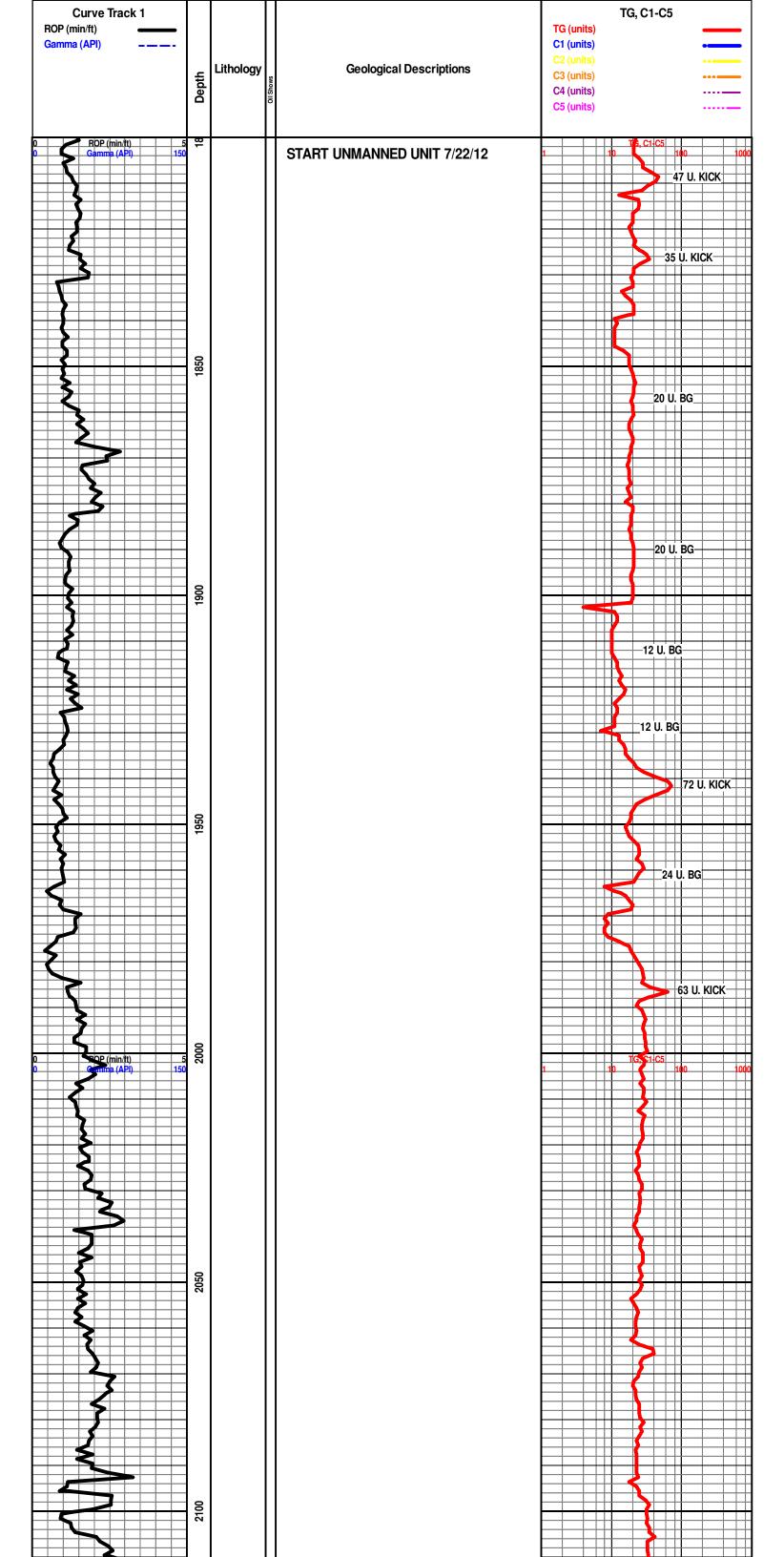
### Sandylms Shale Sltstn Shlyslts Sltysh Lms

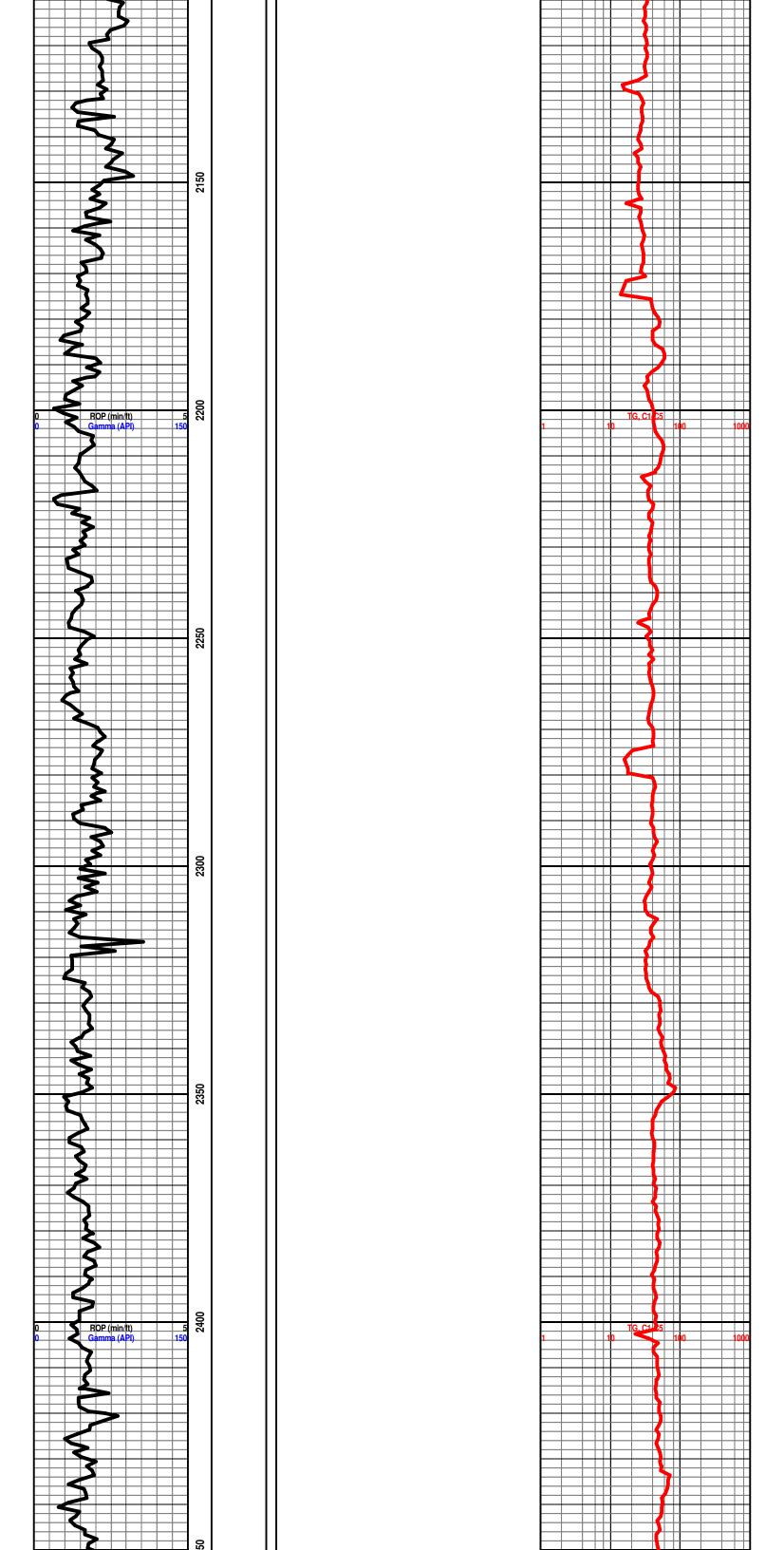
### **ACCESSORIES**

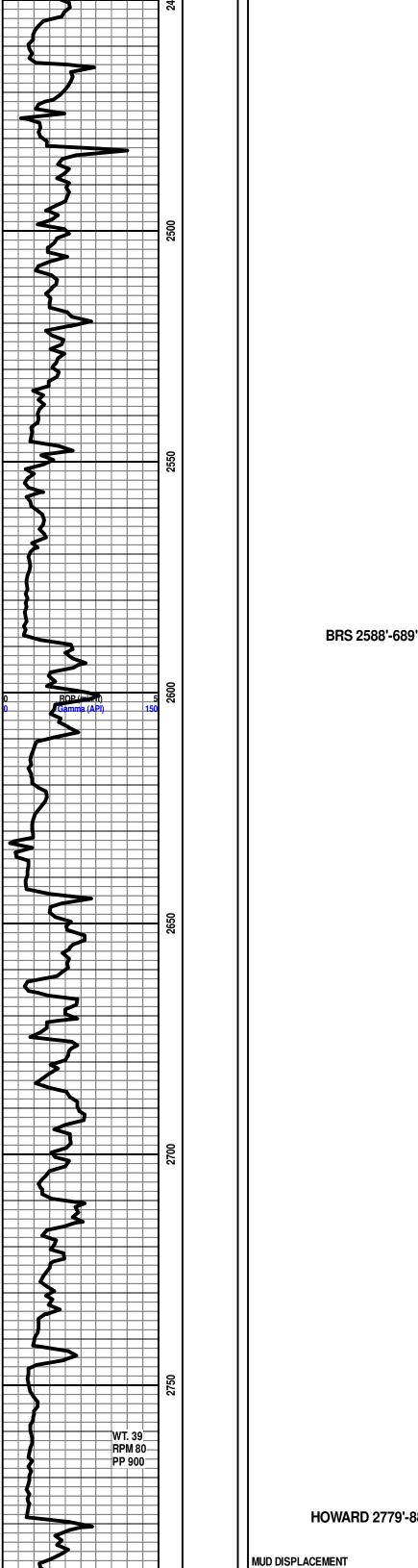
FOSSIL  Algae Amph Belm Bioclst Brach Bryozoa Cephal Coral Crin Echin Fish Foram Fossil Gastro Oolite Ostra Pelec Pellet Pisolite Plant Strom Fuss Oomold	NERAL Anhy Arggrn Arg Bent Bit Brecfrag Calc Carb Chtdk Chtlt Dol Feldspar Ferrpel Ferr Glau Gyp Hvymin Kaol Marl Minxl Nodule Phos Pyr	Salt Sandy Silt Sil Sil Sulphur Tuff Chlorite Dol Sand Slty STRINGER Anhy Arg Bent Coal Dol Gyp Ls Mrst Sltstrg Ssstrg Carbsh Clystn	Dol Grysh Gryslt Lms Sandylms Sh Sltstn  TEXTURE BS Boundst C Chalky CX Cryxln E Earthy FX Finexln GS Grainst Lithogr Microxln MS Mudst PS Packst Wackest
---	---	--	---

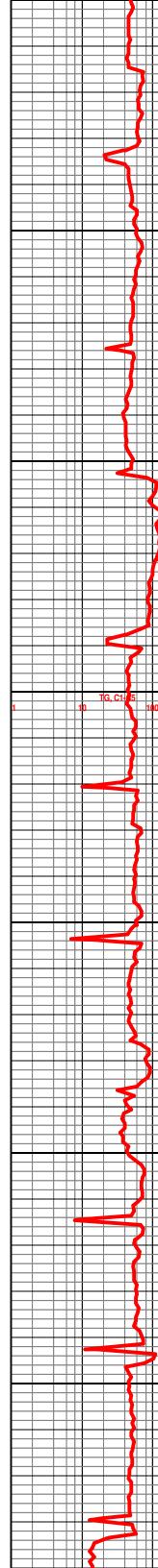
### **OTHER SYMBOLS**

POF	ROSITY TYPE Earthy	SOF	RTING Well	А	Angular	INT	ERVALS Core	
□	Fenest	M	Moderate		. SHOWS	:	Dst	
F	Fracture	Р	Poor	•	Even		Dst	
×	Inter			<b>o</b>	Spotted			
Ø	Moldic	ROL	<u>R</u> OUNDING		Ques	<u>E</u> VI	<u>E</u> VENTS	
0	Organic	R	Rounded	D	Dead		Rft	
P	Pinpoint	r	Subrnd	**	Gas show		Sidewall	
☑	Vuggy	a	Subang					









HOWARD 2779'-880'

