

### Kansas Corporation Commission Oil & Gas Conservation Division

1105383

Form ACO-1 June 2009 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:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil         WSW         SWD         SIOW           Gas         D&A         ENHR         SIGW           OG         GSW         Temp. Abd.           CM (Coal Bed Methane)         Cathodic         Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
□ Commingled         Permit #:	Operator Name:
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

#### **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								
Letter of Confidentiality Received								
Date:								
Confidential Release Date:								
☐ Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

Side Two



Operator Name:			Lease N	Name:			_ Well #:		
Sec Twp	S. R	East West	County	:					
NSTRUCTIONS: Showing tool open and clossecovery, and flow rates ine Logs surveyed. Att	ed, flowing and shut if gas to surface tes	in pressures, wheth t, along with final ch	er shut-in press	sure reache	d static level,	hydrostatic pres	sures, bottom h	ole tempera	ature, fluid
Drill Stem Tests Taken (Attach Additional Sh	neets)	Yes No	)	Log	Formation	n (Top), Depth ar	nd Datum	☐ Sa	mple
Samples Sent to Geolo	gical Survey	☐ Yes ☐ No	)	Name			Тор	Da	tum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)		Yes No	)						
ist All E. Logs Run:									
		CAS Report all strings	ING RECORD set-conductor, su	New	Used	on, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		d Percent itives
		ADDITIO	NAL CEMENTIN	NG / SQUEE	ZE RECORD				
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD	Depth Top Bottom	# Sacks	Used		Type and	Percent Additives			
Plug Off Zone									
Shots Per Foot	PERFORATIC Specify F	ON RECORD - Bridge ootage of Each Interval	Plugs Set/Type Perforated			cture, Shot, Cemen		d	Depth
TUBING RECORD:	Size:	Set At:	Packer At	t: L	iner Run:	Yes No	)		
Date of First, Resumed P	roduction, SWD or ENF	HR. Producing		g Gas	s Lift O	ther (Explain)			
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	Bb	ols.	Gas-Oil Ratio		Gravity
DISPOSITION	N OF GAS:		METHOD OF	COMPLETIO	DN:		PRODUCTIO	ON INTERVA	 L:
Vented Sold	Used on Lease	Open Hole	Perf.	Dually Co	mp. Com	nmingled			
(If vented, Subn		Other (Specifi	v)	(Submit ACC	1-5) (Subr	mit ACO-4)			



Scale 1:240 Imperial

Well Name: M.R. ALLEN #13

Surface Location: W2 NW SE NW 22-11S-19W

Bottom Location:

API: 15-051-26373-0000

License Number: 33922

Spud Date: 9/5/2012 Time: 11:00 PM
Region: ELLIS

Drilling Completed: 9/9/2012 Time: 6:23 PM

Surface Coordinates: 1650' FNL & 1550 FWL

**Bottom Hole Coordinates:** 

Ground Elevation: 1959.00ft
K.B. Elevation: 1964.00ft

Logged Interval: 2000.00ft To: 3550.00ft

Total Depth: 3550.00ft Formation: ARBUCKLE

Drilling Fluid Type: CHEMICAL/FRESH WATER

**OPERATOR** 

Company: MUSTANG ENERGY CORPORATION Address: PO BOX 1121

PO BOX 1121 HAYS, KS 67601

Contact Geologist: ROD BRIN Contact Phone Nbr: (785) 623-0533

Well Name: M.R. ALLEN #13

Location: W2 NW SE NW 22-11S-19W API: 15-051-26373-0000
Pool: Field: SOLOMON
State: KANSAS Country: USA

Latitude:

39.0838663

**SURFACE CO-ORDINATES** 

Well Type: Vertical
Longitude: -99.4203279

N/S Co-ord: 1650' FNL E/W Co-ord: 1550 FWL

LOGGED BY



Company: SOLUTIONS CONSULTING

Address: 108 W 35TH

HAYS, KS 67601

Phone Nbr: (785)259-3737

Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: WW DRILLING, LLC

Rig #: 6

Rig Type: MUD ROTARY

 Spud Date:
 9/5/2012
 Time:
 11:00 PM

 TD Date:
 9/9/2012
 Time:
 6:23 PM

 Rig Release:
 9/10/2012
 Time:
 2:00 PM

**ELEVATIONS** 

K.B. Elevation: 1964.00ft Ground Elevation: 1959.00ft

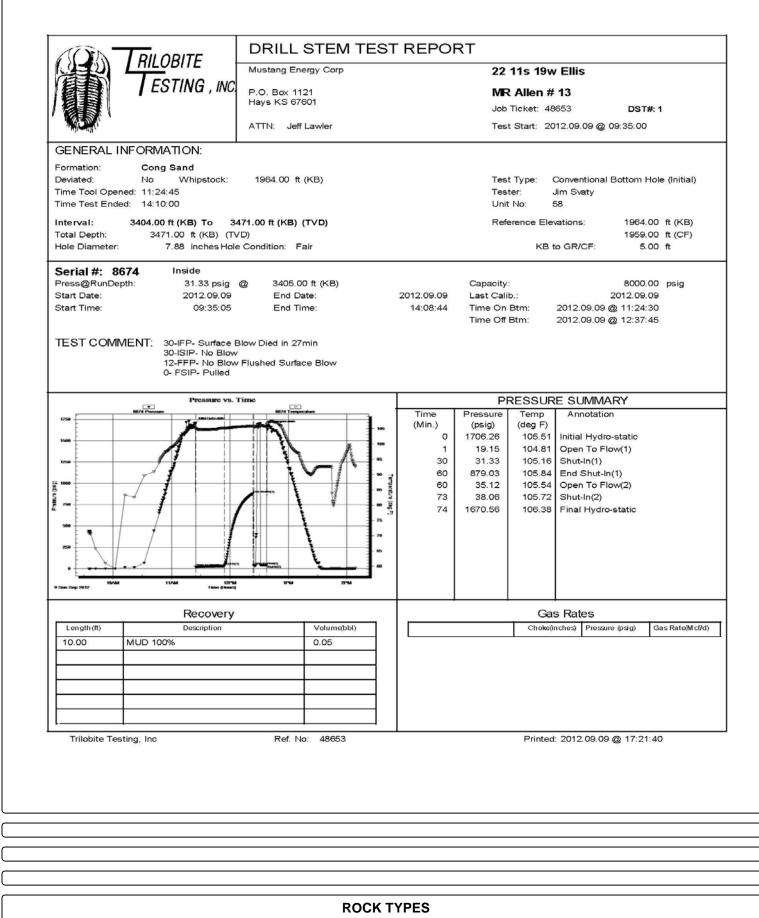
K.B. to Ground: 5.00ft

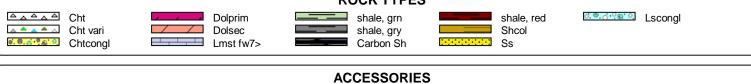
**NOTES** 

DUE TO STRUCTURAL POSITION AND LOG ANALYSIS DECISION WAS MADE TO RUN 5 1/2" PRODUCTING CASING AND FURTHER EVALUATE ZONES WITH PERFORATION.

RESPECTFULLY SUBMITTED, JEFF LAWLER

						WE	LL C	ON	/IPA	RIS	ON S	HEE	Т														
						P&A	6-88					•						•						•			
						SKEL	LYOIL				BLACK	DIAMO	ND.				SKELI	LYOIL				THORTON ANDERSON					
						ALLEN#7				MR A	LLEN #1	2				MAUDER	ALLE	N #8			M. R. ALLEN #11						
		M. R. AL	LEN #12		NE SW NW 22-11-19			SW SE SW NW 22-11-19				NE SE NW 22-11-19						SE SW SE NW 22-11-19									
	KB		1964		КВ		1965	_		КВ		198	7			KB		19	67			КВ		199	)6		_
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HEEBNER SHALE			3134	-1170	3138	-1173	_	+	3	3155	-1168		_	-	2	3151	-1184	- 4		+	14	3161	-1165			-	5
TORONTO			3162	-1198	3160	-1195	_	-	3	3180	-1193		_	-	5	10000000	0.000000	-					0.000	-	_	_	_
LKC			3182	-1218	3180	-1215		-	3	3198	-1211		-	-	7	3177	-1210			-	8	3203	-1207		_	-	11
BKC			3400	-1436	200.0000	10000000	_	_	-	3420	-1433		_	-21	3	1.04000000	0.000					3427	-1431	-		-	5
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SIMPSON SHALE					3484	-1519		1	-					_		3461	-1494					3461	-1465			_	_
ARBUCKLE			3479	-1515	3498	-1533		+	18	3499	-1512		_	_	3	3481	-1514	-		-	1	3501	-1505				10
RTD			3550	-1586		- 2	-	-	N	3509	-1522			-	64	3486	-1519	10		-	67	3505	-1509	3		-	77
LTD																3486	-1519										



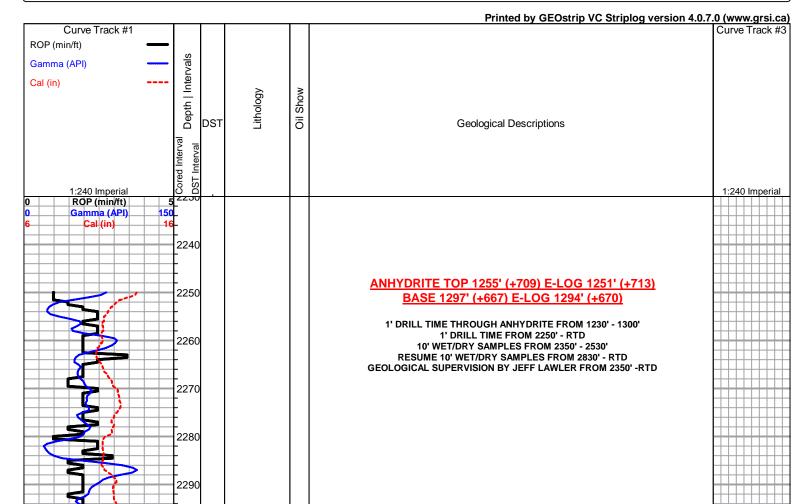


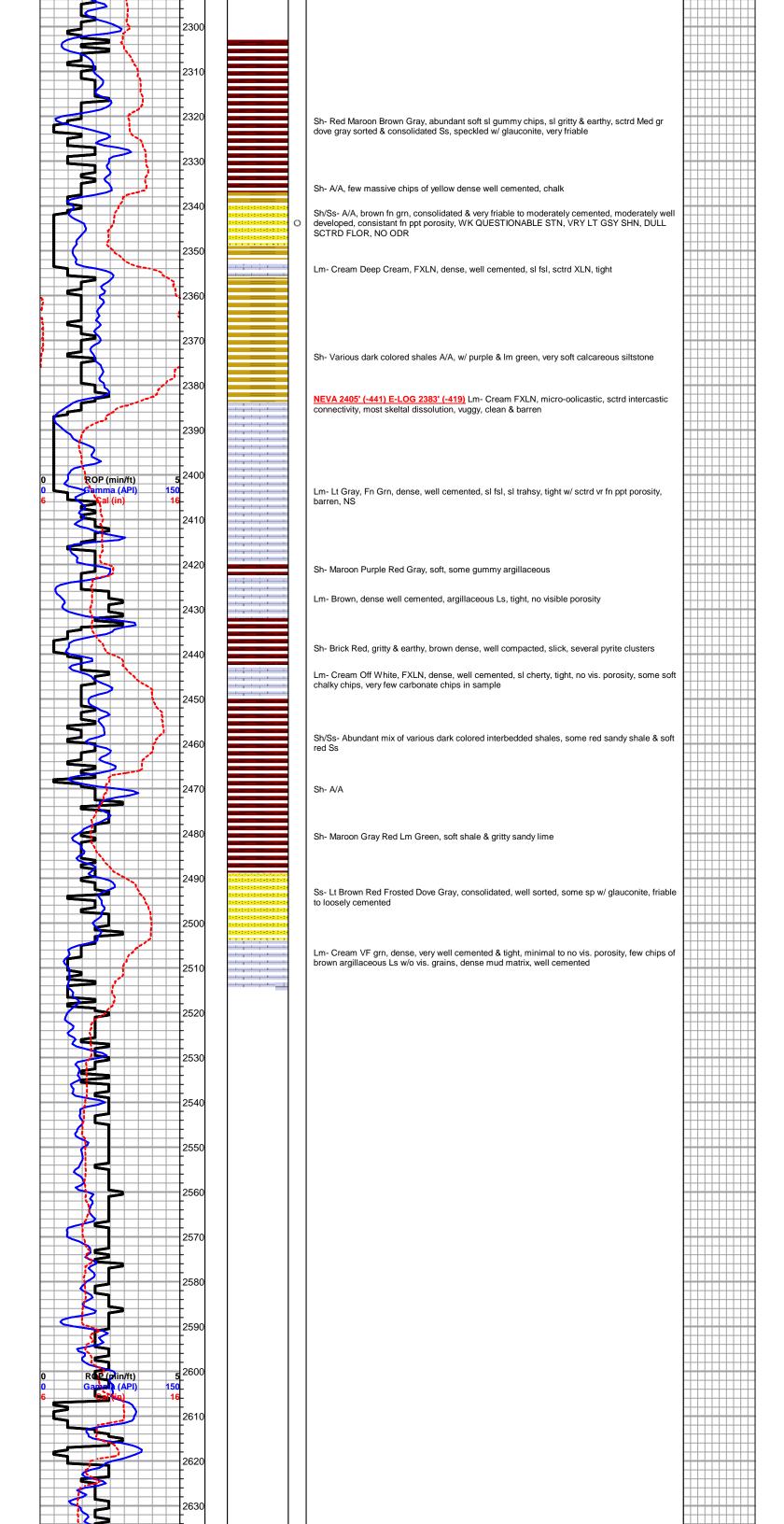
MINERAL STRINGER

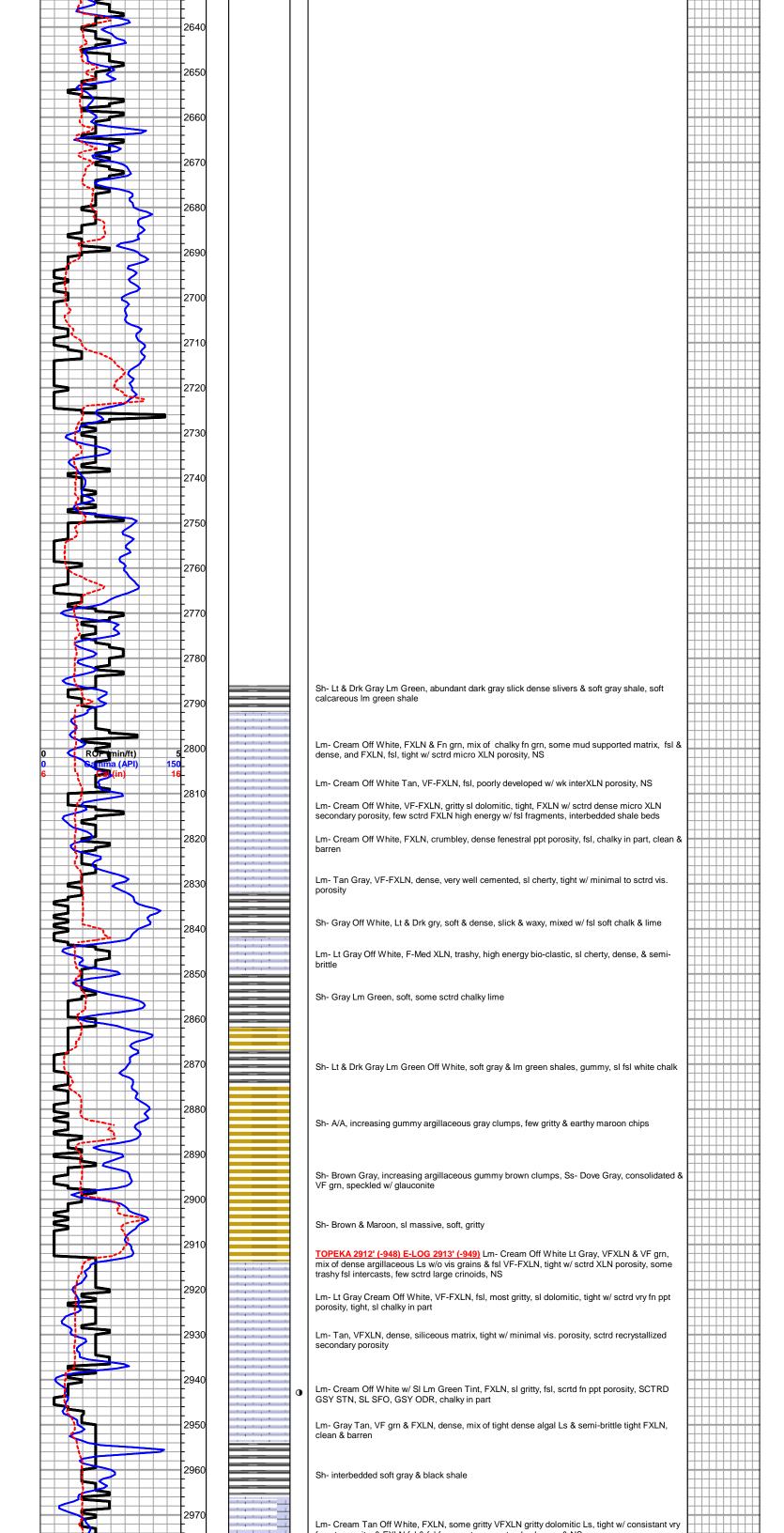
Sandy Chert
green shale

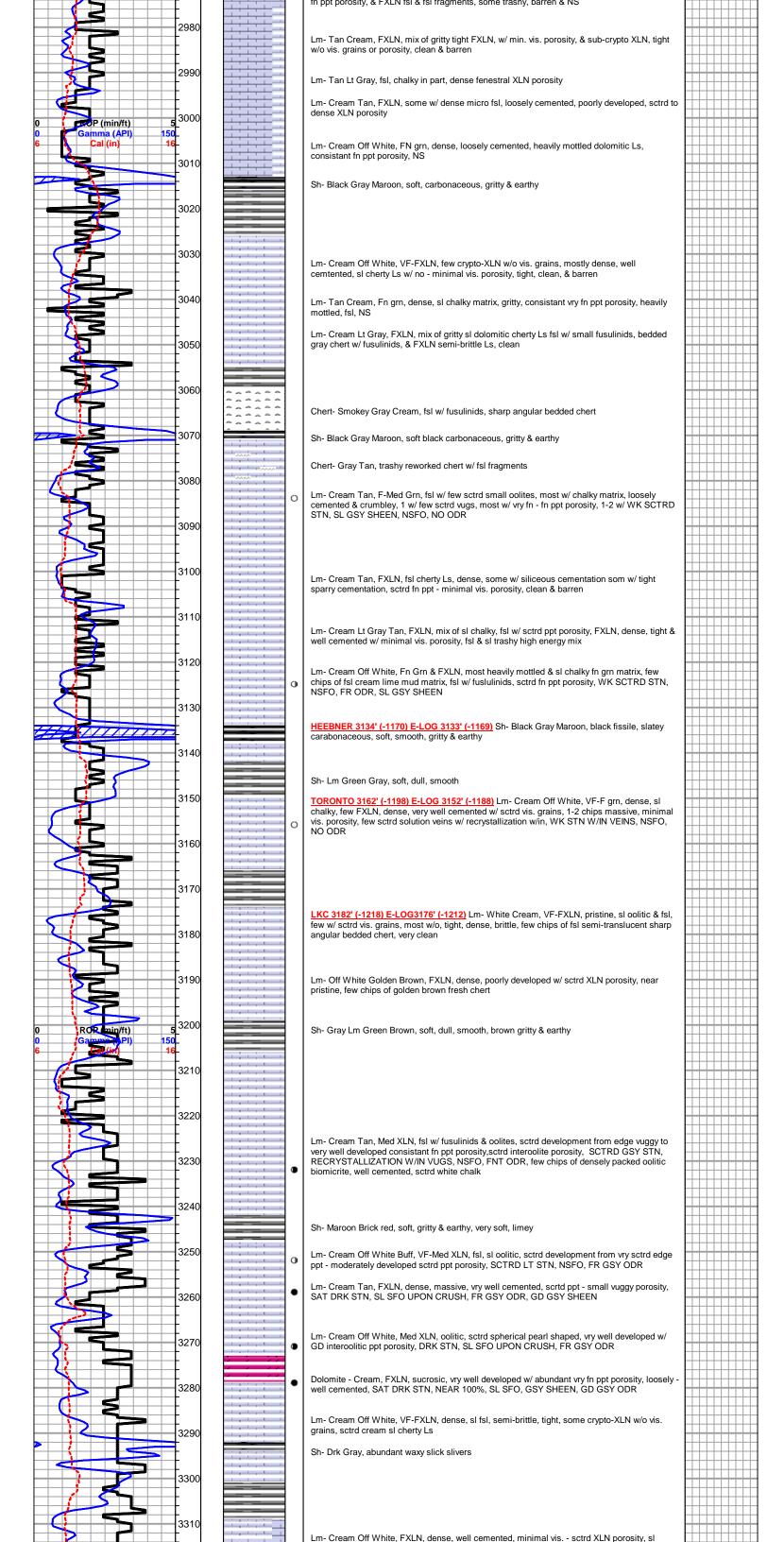
OTHER SYMBOLS

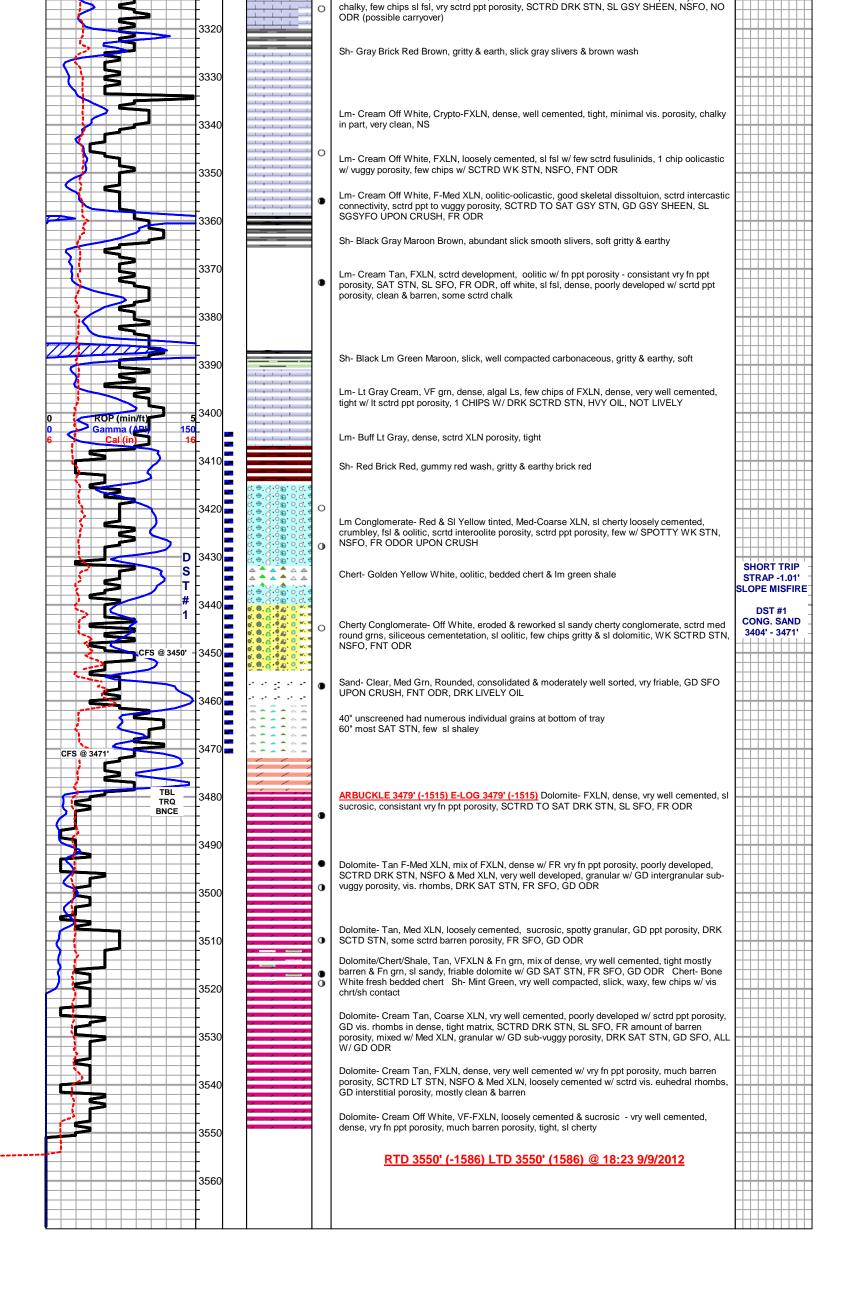
DST
DST Int
DST alt











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

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

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

No. 732

	Sec.	Twp.	Range		County	State	On Location	Finish						
Date 9+ 5-12	94	11	19	后	4,5	115		(BB) 77/p						
Lease MR Alleh	W	ell No.	#13	Location	on XOCC	noto N to	Biver Bood	Fastina						
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Type Job Swhie	1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish									
Hole Size 1919		T.D.	1/8		cementer and helper to assist owner or contractor to do work as listed.									
Csg. C 5/4		Depth	215		Charge To									
Tbg. Size		Depth	· .		Street MUSTERS Thirty									
Tool		Depth			City		State	THE STATE OF THE S						
Cement Left in Csg.		Shoe J	oint	11.4.0	The above wa	as done to satisfaction a	and supervision of owner	r agent or contractor.						
Meas Line		Displac	e 12,5		Cement Amo	ount Ordered 150	3900	196 901						
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Bulktrk No. Drive	r LCIO	4			Gel.		The Bridge of the s	4,311,4,44						
	ERVICES	& REMA	RKS		Calcium									
Remarks:		S. 18			Hulls		t Lan Arcticus	. y						
Rat Hole		3 3 4 5 E		. An	Salt									
Mouse Hole	3 .	1 . 7-	a ta sala		Flowseal									
Centralizers			di Control		Kol-Seal									
Baskets					Mud CLR 48									
D/V or Port Collar		. Ver	Start Start		CFL-117 or	CD110 CAF 38								
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X Signature	in Alleria	1.100		. 8 1 .	The second		Total Charg	e						

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

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

Home Office P.O. Box 32 Russell, KS 67665 No. 5356

S. oració							
Date 9 10 12	Sec. Twp. 22 11	19	EI	County	State	On Location	Finish 1115 PM
Lease MR Allen	Well No.	13	Locati	on Beem	ento + I-	10,11N,E/	Into
Contractor W	w. #6	ar in a	wii k	Owner	and the same of the same	CALU SON STALL SANCE	
Type Job Longsti.	nov		2/1	To Quality Oil	well Cementing, Ir	nc. In cementing equipment	nt and furnish
Hole Size	8" T.D.	35501	1.75	cementer and	helper to assist o	wner or contractor to c	lo work as listed.
were I and I	# New Depth	35431		Charge Mu	Istana Er	Rigy	AGU
Tbg. Size	Depth			Street			186
Tool	Depth			City		State	grant to the gardeni
Cement Left in Csg. 18	,92! Shoe	Joint 18	12'	The above was	done to satisfaction	and supervision of owner	r agent or contractor.
Meas Line	Displa	ce 83 3	14B15	Cement Amou	unt Ordered 500	gal mad Clear 4	8,425 QMD
the state of the s	EQUIPMENT		* × ***	14 UFI. 15	10 sx Cornn	non 10% Salt,	5% Gilsonite
Pumptrk No. Cemen Helper	terBre++	RICK		Common		The same of the sa	
Bulktrk /2 No. Driver	Lonnie		- 100 M	Poz. Mix			
Bulktrk 14 No. Driver	Levi		1 1 1	Gel.	The proof of		
JOB SER	VICES & REM	ARKS	1 1 1 1 1 1	Calcium	* - x		
Remarks:				Hulls		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Rat Hole			4 50	Salt	* * *		
Mouse Hole			7 7 7 7	Flowseal	V		
Centralizers 1,3,5,7	9,11,13,	54	er a comp	Kol-Seal	x - 200 - 2		
Baskets 2 55		3.1		Mud CLR 48			
D/V or Port Collar Pipe	on botto	m, break	_	CFL-117 or C	D110 CAF 38		K = 10 - 18
Cicaulation,	Marine Jel	Asserted to to	Le Hais	Sand			P1 12 1
Dumo 500 gail	must Cle	ar 48,0	ng	Handling		Managari da	2
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+ mix 395 sx	amoc ky	#F.S. 15	sosy U	444	FLOAT EQUIP	MENT	
Common 10% Sa	11 5% 6:	Isonite,	shut	Guide Shoe			
down Ruash	oump +1	ines, Rele	ased	Centralizer ?	8 furbors	2 - 2 - 1 - 2	
pluor P Displac	cel with	83 3/4	BLS.	Baskets 2			
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