C	A CONTRACTOR OF	
Well Name: Surface Location: Bottom Location: API: License Number: Spud Date: Region: Drilling Completed: Surface Coordinates: Bottom Hole Coordinates: Ground Elevation: K.B. Elevation: Logged Interval: Total Depth: Formation: Drilling Fluid Type:	EVANS #9-1   NW SE Sec. 9 - 17S - 32   15-113-21376   34622   4/22/2015 Time: 12:00 I   MCPHERSON COUNTY KANSAS   5/6/2015 Time: 1:35 A   1980' FSL & 1980' FEL   1316.00ft   1325.00ft   1900.00ft To: 3510.0   3540.00ft   MAQUOKETA DOLOMITE, VIOLA, SIMPSON SAND   CHEMICAL / FRESH WATER GEL	М
Company: Address: Contact Geologist:	OPERATOR CHISHOLM PARTNERS II, LLC 300 N. CEDAR ST SUITE 101 ABILENE, KS 67410 RICHARD MCKEE	

	SUITE 101			
	ABILENE, KS 67410			
Contact Geologist:	RICHARD MCKEE			
Contact Phone Nbr:	(620) 968-7741			
Well Name:	ÈVANS #9-1			
Location:	NW SE Sec. 9 - 17S - 32			
API:	15-113-21376			
Pool:		Field:	UNNAMMED	
State:	KANSAS	Country:	USA	

## SURFACE CO-ORDINATES

Well Type:	Vertical
Longitude:	-97.6550027
Latitude:	38.5853122
N/S Co-ord:	1980' FSL
E/W Co-ord:	1980' FEL

LOGGED BY



BIG CREEK CONSULTING												
Company: Address:	BIG CREEK CONSULTING, INC 1909 MAPLE ELLIS, KS 67637											
Phone Nbr: Logged By:	(785) 259-3737 Geologist	Name:	JEFF LAWLER									
CONTRACTOR												
Contractor: Rig #: Rig Type: Spud Date:	SOUTHWIND DRILLING, INC. 8 MUD ROTARY 4/22/2015	Time:	12:00 PM									

**ELEVATIONS** 

NOTES

\*\*AFTER LOGGING IT WAS DECIDED TO DEEPEN THE HOLE 30' \*\*

AFTER LOG ANALYSIS IT WAS DECIDED TO RUN 5 1/2" PRODUCTION CASING AND FURTHER EVALUATE THE

DUE TO HISTORICAL INFORMATION AND AGE OF THE LINDSBORG FIELD SOME RESEARCH INFORMATION WAS LIMITED. WITH AGE OF DEVELOPMENT OF THE FIELD SOME DISCREPANCIES THERE IS A VARIANCE WHERE THE VIOLA WAS CALLED. WITH A LACK OF ELECTRICAL LOGS RAN, SOME INFORAMTION IS FROM

TD Date:

Rig Release:

K.B. Elevation:

K.B. to Ground:

SIMPSON SAND INTERVALS WITH PERFORATION.

COMPLETION CARDS ONLY.

5/6/2015

5/6/2015

1325.00ft

9.00ft

RESPECTFULLY SUBMITTED,

1:35 AM

5:00 PM

1316.00ft

Time:

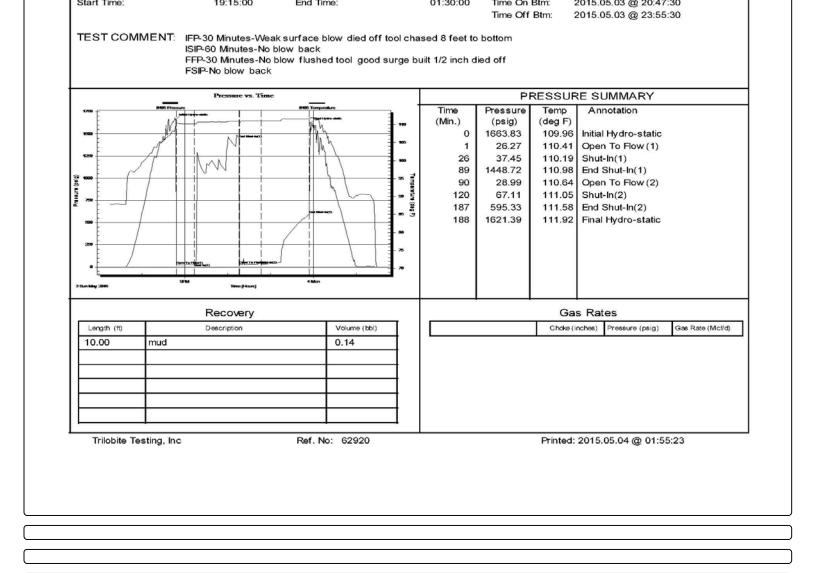
Time:

Ground Elevation:

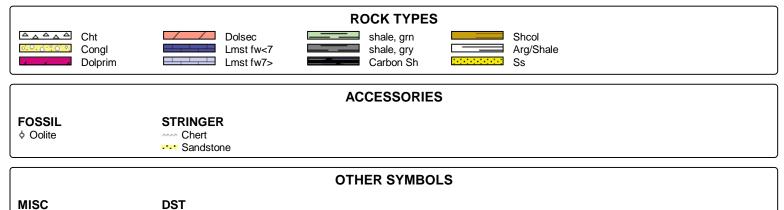
JEFF LAWLER

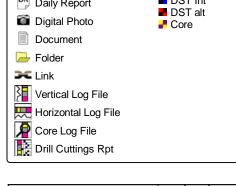
## DST #1 MAQUOKETA 3301' - 3316' (SEVERE PLUGGING \_INCONCLUSIVE DST)

	OBITE	DRILL STEM 1	EST REPO	DRT			
	-	Chisholm Partners II.L.L.C		9-17s-3w	Mcpherso	on	
	ESTING , INC.	300 N Cedar St Suite 101	Abilene KS 67410	Evans #9	-1		
				Job Ticket:	62920	DST#:1	
		ATTN: Jeff Lawler		Test Start:	2015.05.03 @	0 19:15:00	
GENERAL INFOR							
Formation: Ma	quoketa+Dolomi	te					
Deviated: No	Whipstock:	ft (KB)		Test Type:	Convention	al Bottom Hol	e (Initial)
Time Tool Opened: 20:	48:30			Tester:	Jared Sche	ck	
Time Test Ended: 01:	30:00			Unit No:	55-125 RT	Hosington	
Interval: 3302.0	00 ft (KB) To 33	16.00 ft (KB) (TVD)		Reference I	Elevations:	1325.00	ft (KB)
Total Depth: 33	316.00 ft (KB) (TV	(D)				1316.00	ft (CF)
Hole Diameter:	7.88 inches Hole	Condition: Poor		KE	B to GR/CF:	9.00	ft
Serial #: 8405							
Press@RunDepth:	67.11 psig	@ ft (KB)		Capacity:		5000.00	psig
Start Date:	2015.05.03	End Date:	2015.05.04	Last Calib .:		2015.05.04	

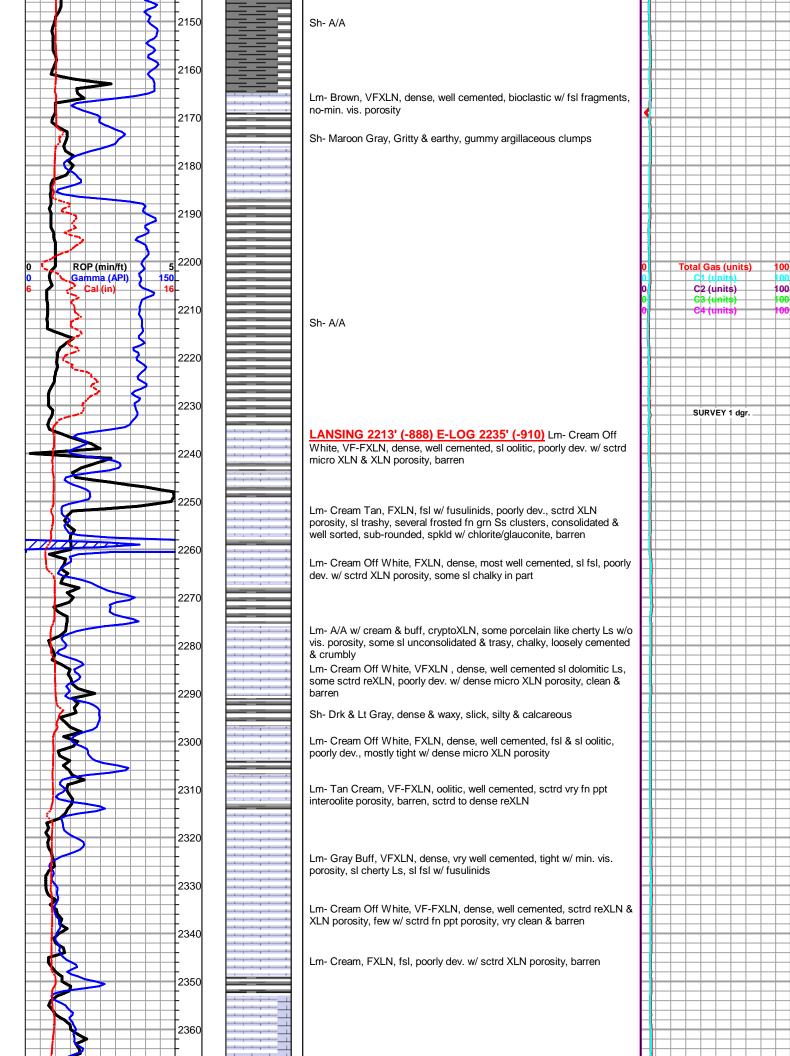


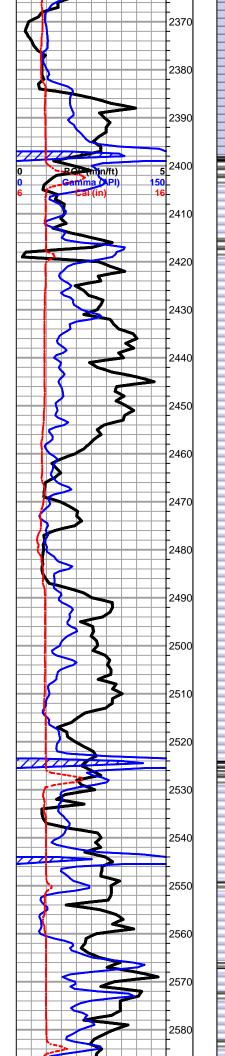
	GAS WELL							•							SWD						a a								
						WALTER J NELSON MELANDER (OWWO)												A	UTO ORDN		R.J. WALKER OIL COMPANY, INC								
					1													ANDERSON #2 OWWO						CHARLES GOLDER #1-16					
		EVAN	S #9-1			SW NW 9-17-3						SE SE NW 8-17-13 W2 SE SE 8-17-3							E2 SE SW NE 16-17-3										
	КВ	1325	GL	1316	КВ		_	32		_	КВ	0.012202000	-	335	_		КВ		_	335	-		КВ				1330		_
CONTINU		TOPS		ETOPS	COMP.		LO		SMP	-	GEORE		_	OG	SM		COMP	1	-	DG		IPL.	COMP.		LO	-	SN		
FORMATION	DEPTH	DATUM	DEPTH		DEPTH	DATUM	CO	КК.	COR	K	-	DATUM		ORR.	co	-	DEPTH	DATUM	co	ORR.		-	DEPTH	DATUM	CO	aR.	co		
ANHYDRITE TOP		-	371	954		-				-	410	925			+	29	308	1027	-	-	~	73	-	4			<u> </u>		
BASE	1212125	10000	394	931						_	-		-				-	-	-	-			2222			-			
LANSING	2235	-910	2213	-888	-	-					-	_					-	-	-				2290	-960	+	50	+		
KANSAS CITY										_							-		_				2795	-1465			-		
MISSISSIPPI	2903	-1578	2884	-1559	2920	-1588	+	10	+	29	2912	-1577	-	1	+	18	2905	-1570	-	8	+	11	3012	-1682	+	104	+		
MAQUOKETA	3313	-1988	3300	-1975	6					_	3322	-1987	-	1	+	12			-	-				-			_		
VIOLA	3365	-2040	3342	-2017							3392	-2057	+	17	+	40	3339	-2004	-	36	2	13	3433	-2103	+	63	+		
SIMPSON SH	3430	-2105	3421	-2096	3451	-2119	+	14	+	23							3461	-2126	+	21	+	30					<u> </u>		
SIMPSON DOLO	3439	-2114			3459	-2127	+	13			3437	-2102	1	12															
SIMPSON SND	3445	-2120			3464	-2132	+	12									3480	-2145	+	25			-						
ARBUCKLE			3519	-2194	3529	-2197			+	3							3527	-2192			-	2	3713	-2383			+		
TOTAL DEPTH	3508	-2183	3540	-2215	4092	-2760	+	577	+	545	3465	-2130	1	53	1.45	85	3560	-2225	+	42	+	10	3740	-2410	+	227	+		





	_				Printed by GEOstrip VC Striplog	<u>j ve</u>	rsio	<u> 14.0</u>	.8.15	<u>i (ww</u>	/w.gr	si.ca)
Curve Track #1								т	G, C	1 - C5	;	
ROP (min/ft)						T/	otal G	as (u	nits)		•	
	<u>v</u>											
Gamma (API)	val					C	1 (un	ts)			•	
Cal (in)	ter					C	2 (un	te)				
	Ē		2	≥		Ŭ	2 (un	13)				
	Depth   Intervals		Lithology	Oil Show		C	3 (un	ts)			•	
	pt		ho	တ								
	ă	DST	Ľ.	ō	Geological Descriptions	C	4 (un	ts)				
	_											
	al ry											
	nte											
	l l											
	Cored Interval DST Interval											
1:240 Imperial	_									nperia		
	5					0	+		I Gas	s (unit	<u>(\$)</u>	100
0 Gamma (API) 15 6 Cal (in) 14						0					+++	100
	<b>-</b>					0			, <u>z</u> (u	nits) <del>nits)</del>		100
	2010				1' DRILL TIME THROUGH ANHYDRITE FROM 350' - 420'	-					$\rightarrow$	100
					1' DRILL TIME FROM 2050' - RTD	Ĕ	+	`	24 (U		++	
	+				10' WET/DRY SAMPLES FROM 2100' - RTD	-	++		+	+	+-+	
	È I											
	2020											
	+ 520				GEOLOGICAL SUPERVISION BY JEFF LAWLER FROM 2100' -	_	++	_	+	$\rightarrow$	+	
	+				RTD	_	+		+		+	
	†						++	-	+		+++	
	2030				13 3/8" CONDUCTOR PIPE SET @ 199'							
	2030			8 5/8" SURFACE PIPE SET @ 513'						$-\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	$+ \mp$	
	-						+	_	+		+	
	+				ANHYDRITE 371' (+954)		+		+		+-+	
	12040				BASE 394' (+931)							
	2040											
	-				*A BLOODHOUND GAS DETECTOR SYSTEM WAS EMPLOYED ON THIS		+		+		+	
	+				WELL AND DRILL TIME AND GAS CURVES WERE UPLOADED FROM IT*		+	_	+	+	+-+	
	10050				WELL AND DRILL TIME AND GAS CORVES WERE OPLOADED FROM IT				+		+++	
	2050				Ss- Dove Grayn, Vf Grn, consolidated & well sorted, sub angular,							
	E I		1-1-1-1-1-1-1-1-1-1		loosely cemented, micaceous, consistent intergranular porosity, barren							
	-				loosely cemented, micaceous, consistent intergranular porosity, barren	⊩		_			+	
	+		1 - 1 - 1 - 2 - 1 - 1 - 1 - 1 - 2 - 1 - 1			⊩	+	_	+	+	+-+	
	2060						+ +	-	+		+-+	
	E		1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 0 • 1 • 1									
	_											
	-					╟─	+		+		+	
	2070				Sh- White Gray, gummy argillaceous clumps, some arenaceous	H			+ +	+	+-+	
										_	+++	
	F											
	+				Ss- Cream Frosted, Fn Grn, consolidated & well sorted, clean, sub	H		_	+	$\rightarrow$	++	
	2080				angular, well dev. & barren	H	+		+	+	+-+	
	t I											
	F										$\square$	
	+				Sh- Lt Gray, dense, arenaceous, some gummy clumps	H			+		+	
┝╶┼╊╉╶╞╌╞╴┾╴┼╶╞╱┝╌	2090					Н	+		+	+	++	
	t l					H	++	-	+		+-+	
	F											
	+				Ch A/A increasing amount w/ silty 9l-server	Ц	$  \top$			-	$+ \mp$	
	2100				Sh- A/A, increasing amount w/ silty & calcareous	H	+	-	+	$\rightarrow$	+++	
	+					$\mathbb{H}$	++	-	+	+	++	
	È I											
	F					П					$\square$	
	2110					μ	<u>  [</u>		$\downarrow$	$\rightarrow$	++	
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	2140											
	+					Ц	+		$\downarrow$	$-\!\!\!\!\!\!\!\!\!\!\!$	+	
	1						1 1		1 1		- I - I -	





Lm- Cream Off White, FXLN, dense, well cemented, oolitic, densly packed, sctrd oomoldic w/ partial skeletal dissolution, no intervugular connectivity, barren

Lm- Tan, VFXLN, dense, vry well cemented, cherty like Ls, min. vis. porosity, some sctrd reXLN w/ replacement cementation, barren

Sh- Black Gray Green, fissile & carbonaceous, silty & calcareous, dense & silty

Lm- Drk Gray, VFXLN, dense, vry well cemented, tight w/o vis. porosity

Total Gas (units)

C2 (units)

C3 (units)

10

100

10

Lm- Cream Off White, VFXLN, dense, well cemented, mostly tight, few w/ sctrd micro XLN porosity, vry clean & barren

Lm- Cream Off White, FXLN, dense, well cemented, some sl chalky, sl fsl, tight w/ poor vis. porosity, vry clean

Lm- Tan Brown, CryptoXLN, vry well cemented w/o vis. porosity

Lm- Cream Off White, FXLN, sI fsl w/ fusulinids, dense XLN porosity, poorly dev., some chalky in part w/ poor vis. porosity

Lm- Cream, FXLN, well cemented & tight w/ dense XLN porosity, mottled, sctrd Crs reXLN & some sctrd replacement cementation, sctrd XLN porosity, barren

Lm- Buff Lt Gray, FXLN, massive, loosely cemented & crumbly, dense reXLN & XLN porosity

Lm- Buff Gray, A/A, better cemenation, mottled & spkld, poor vis. porosity

Lm- A/A

Lm- Tan Gray, VFXLN, dense, vry well cemented, sl cherty Ls, no vis. porosity, trashy

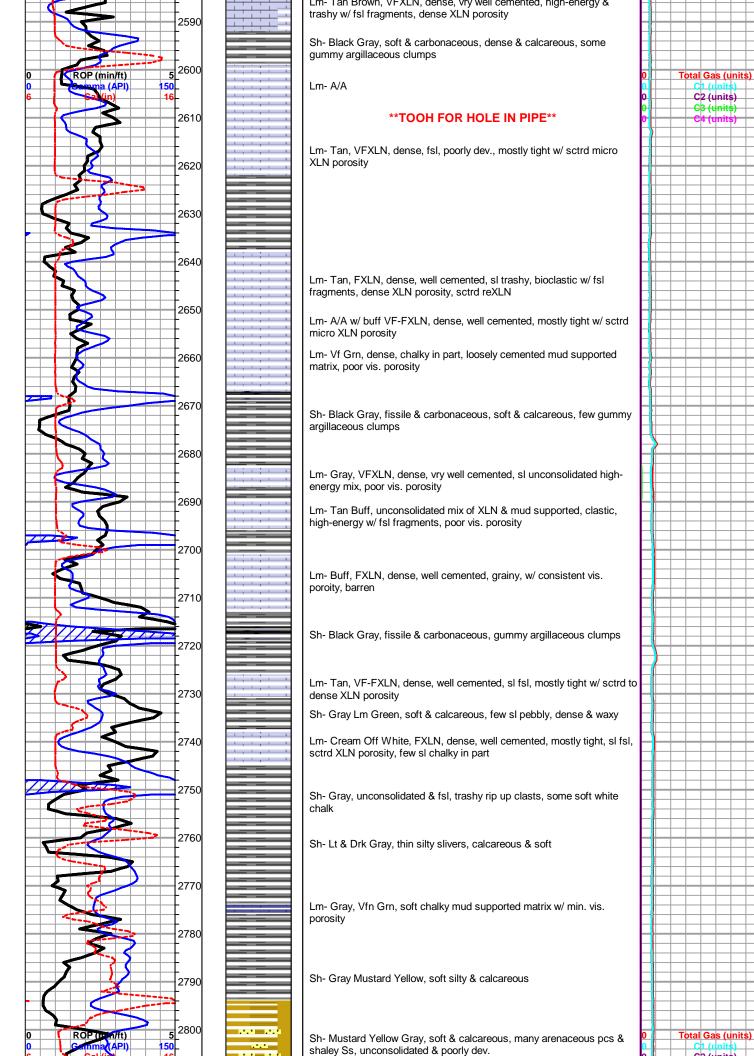
Sh- Black Gray Maroon, fissile & carbonaceous, silty, calcareous & soft

Lm- Tan, FXLN, oomoldic w/ partial to complete skeletal dissolution, no intervugular connectivity, barren

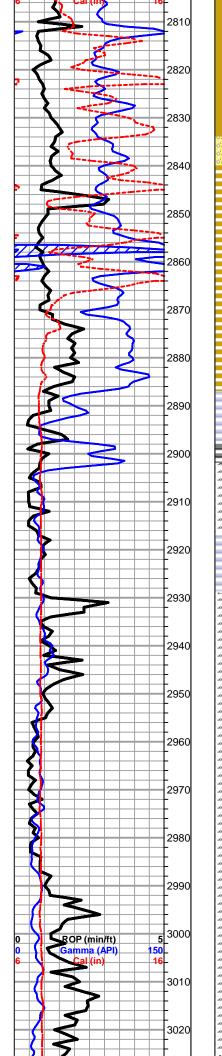
Lm- Cream Off White, VF-FXLN, dense, some chalky in part, loosely to well cemented, mostly tight w/ poor vis. porosity, vry clean

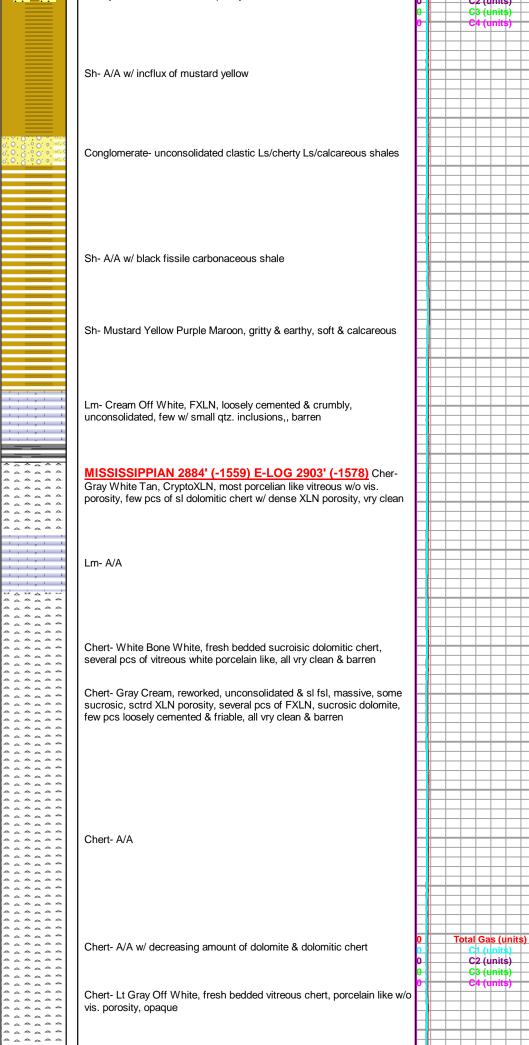
Lm- Cream Off White, FXLN, densely packed small oolites, vry dense XLN porosity, some w/ clear replacement cementation, barren

Las Tas Desure VEVIN desas amount destant sink as any



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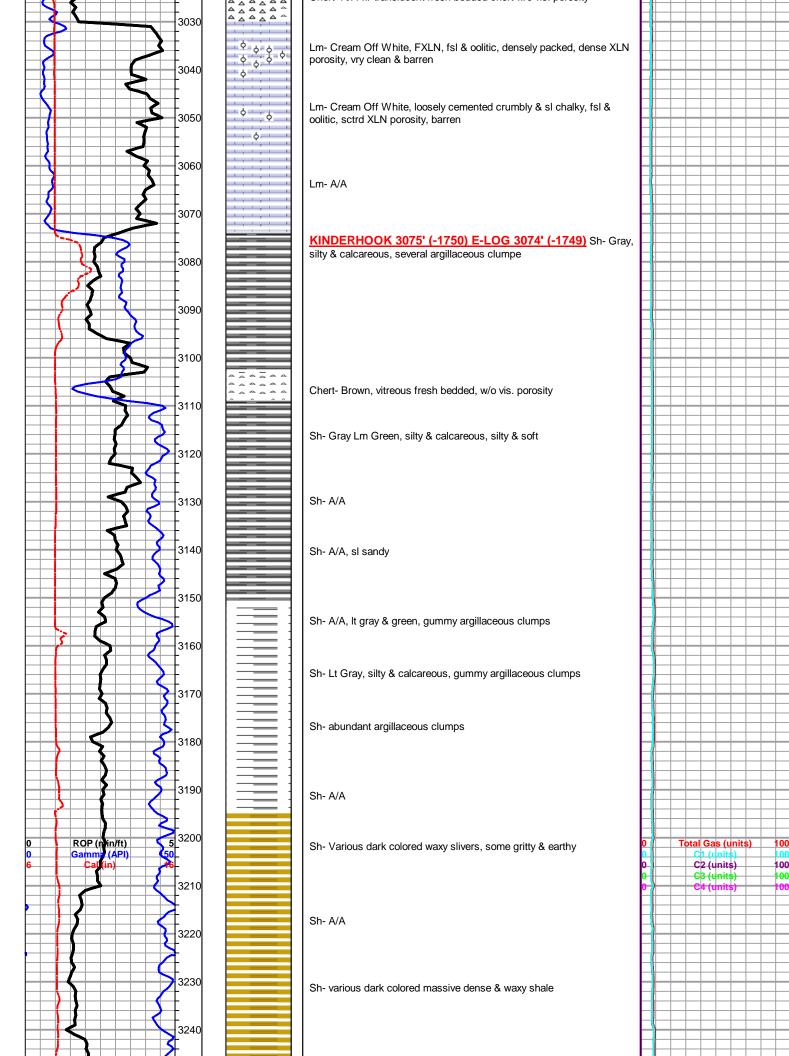
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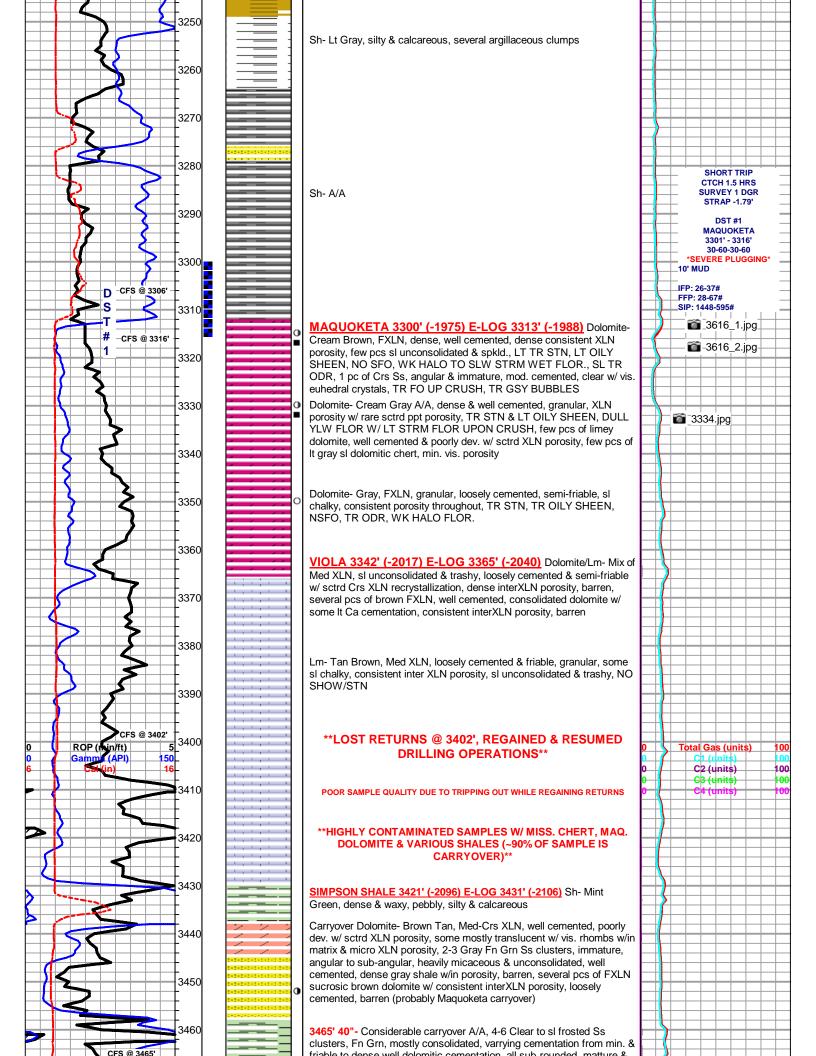
100

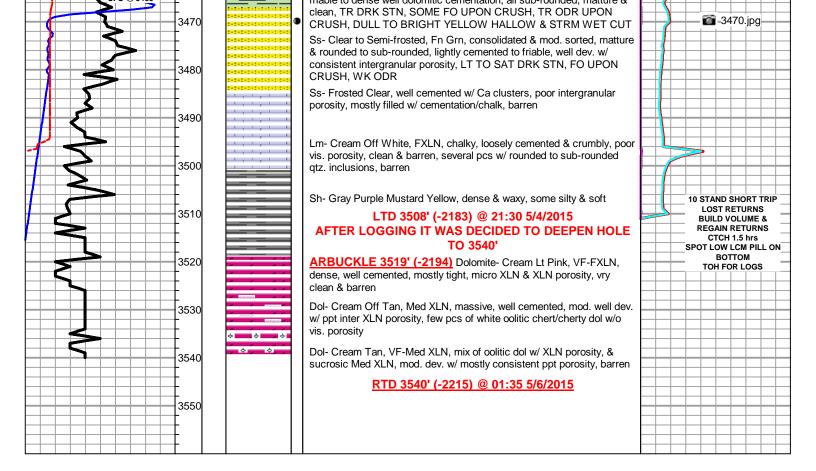
Chert- A/A w/ translucent fresh bedded chert w/o vis. porosity

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~ ~







3616\_1.jpg





3616' 40" X 25



3334' X 27 5



3570' x 25