Company KERR-MCGEE OIL & GAS ONSHORE
Well SEKICH FARMS 19-7L
Field WATTENBERG
County WELD
State COLORADO

PIONEER
Pioneer Energy Services

CEMENT BOND LOG WITH GAMMA RAY

Company	**KERR-MCGEE OIL & GAS ONSHORE**
Well	**SEKICH FARMS 19-7L**
Field	**WATTENBERG**
County	**WELD** State **COLORADO**

Location: API # : 05123171530000
1855' FNL & 1843' FEL
SWNE
SEC 19 TWP 3N RGE 67W

Other Services: None

Permanent Datum	GL	Elevation 4900	Elevation	
Log Measured From	K.B. 13' A.G.L.		K.B.	4913
Drilling Measured From	KB		D.F.	4912
			G.L.	4900

Date of Service	OCTOBER 17, 2014
Run Number	ONE
Depth Driller or PBTD	7370
Depth Logger	6920
Bottom Log Interval	6918
Top Log Interval	SURFACE
Open Hole Size	7+7/8"
Type Fluid	WATER
Fluid Level	26
Fluid Density	8.33 PPG
Max. Recorded Temperature	NA
Max. Wellhead Pressure	0 PSI
Wellhead Connection	PACKOFF
Estimated Cement Top	5474
Unit Number	41
Wireline Size	9/32"
Location	FT. MORGAN, CO
Recorded By	SCHUMAN
Witnessed By	MR NATE WINDHOLZ

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	8-5/8"	24	SURF	514
Production Casing	4-1/2"	11.6	SURF	7339
Liner Record				

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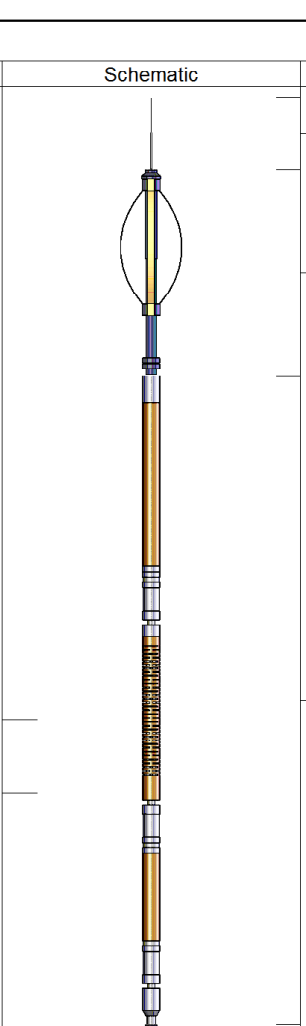
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.
SO # 2-280063

THANK YOU FOR USING PIONEER ENERGY SERVICES

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: SHAUN	DIG CBL	110215
Operator: GENO	GR	080539
Operator: ANGELO		
Operator:		

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00
			PTS275	2.83	2.75	
WVF3	11.56		CBL-Probe (110215) Probe 2.75" Dual Receiver Bond	8.92	2.75	60.00
WVF5	10.56					
			PTS275	2.83	2.75	
CCL	3.63					
GR	2.30		GR_CCL-Probe (080539) Probe Gamma CCL	4.54	2.75	100.00

Dataset: sekich farms 19-7l.db: field/well/CBL/pass7
Total Length: 20.13 ft
Total Weight: 170.00 lb
O.D. 2.75 in

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MAIN LOG

LOGGED WITH 0 PSI APPLIED AT WELLHEAD

Database File: sekich farms 19-7l.db
Dataset Pathname: CBL/MAIN
Presentation Format: cbl_dr
Dataset Creation: Fri Oct 17 12:20:19 2014
Charted by: Depth in Feet scaled 1:240

Calibration Report

Database File:	sekich farms 19-7l.db
Dataset Pathname:	CBL/pass1
Dataset Creation:	Fri Oct 17 07:56:13 2014 by Log SCH 120430

Gamma Ray Calibration Report

Serial Number:	080539	
Tool Model:	Probe	
Performed:	Fri Oct 17 07:00:35 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	110215		
Tool Model:	Probe		
Performed:	Fri Oct 17 07:00:44 2014		
Depth:	831.808	ft	
Casing Diameter:	5.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	1	1	mV
Calibrated Amplitude:	81.9	81.9	mV
Reading at Signal Zero:	0.0118896	0.012915	V
Reading in Free Pipe:	0.581641	0.526978	V
Gain:	110	133	
Offset:	-0.2	-1.03249	

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