

ARRAY INDUCTION SHALLOW FOCUSED ELECTRIC LOG

COMPANY WHITING PETROLEUM CORP.

WELL CANDELARIO 1928 #101

FIELD WILDCAT PROVINCE/COUNTY HARDING

COUNTRY/STATE U.S.A. / NEW MEXICO LOCATION 1660' FSL & 1660' FEL

PERMIT NUMBER SEC 10 TWN 19N RNG 28E

 SEC
 TWP
 RGE
 Other Services

 Latitude
 35.88815
 MPD/MDN
 MML

 Longitude
 -103.9503417
 MSS
 SGS

API Number 30-021-20659 CMI

	Permanent Datum GL, Elevation 5519 feet	Elevations:	feet
ı	ILOU WEASULEU FIORIND	KB	5531.00
	Drilling Measured From KB @ 12 FEET	DF	5529.00
- 1	Drilling Measured From No @ 12 FEE	GL	5519.00

9 12 1	GL	5519.00		
08-OCT-2014				
ONE				
7036-99982588				
2989.00	feet			
2986.00	feet			
2982.66	feet			
772.00	feet			
771.00	feet			
772.00	feet			
8.750	inches			
WBM				
8.70 lb/USg	56.00 CP			
10.00	8.70 ml/30Min	·		
1.61 @ 75.0 ohm-m				
1.29 @ 75.0	ohm-m			
1.93 @ 75.0	ohm-m			
CALC	CALC			
1.34 @ 91.0	ohm-m			
4 HOURS				
91.00	deg F			
13096	LIB			
	R			
DAVID ABOTT		MIKE RAINES		
LB14-309				
	ONE 7036-99982588 2989.00 2986.00 2982.66 772.00 771.00 772.00 8.750 WBM 8.70 Ib/USg 10.00 FLOWLINE 1.61 @ 75.0 1.29 @ 75.0 1.93 @ 75.0 CALC 1.34 @ 91.0 4 HOURS 91.00 13096 DEREK CARTE DAVID ABOTT	ONE 7036-99982588 2989.00 feet 2986.00 feet 2982.66 feet 772.00 feet 771.00 feet 8.750 inches WBM 8.70 lb/USg 56.00 CP 10.00 8.70 ml/30Min FLOWLINE 1.61 @ 75.0 ohm-m 1.29 @ 75.0 ohm-m 1.93 @ 75.0 ohm-m CALC CALC 1.34 @ 91.0 ohm-m 4 HOURS 91.00 deg F 13096 LIB DEREK CARTER DAVID ABOTT	08-OCT-2014 ONE 7036-99982588 2989.00 feet 2982.66 feet 772.00 feet 772.00 feet 8.750 inches WBM 8.70 lb/USg 56.00 CP 10.00 8.70 ml/30Min FLOWLINE 1.61 @ 75.0 ohm-m 1.29 @ 75.0 ohm-m 1.93 @ 75.0 ohm-m CALC CALC 1.34 @ 91.0 ' ohm-m 4 HOURS 91.00 deg F 13096 LIB DEREK CARTER DAVID ABOTT MIKE RAINES	



Weatherford*

COMPACT PHOTO DENSITY COMPENSATED NEUTRON

COMPANY

WHITING PETROLEUM CORP.

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COUNTRY/STATE

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API Number

30-021-20659 CMI

Elevations: KB

feet 5531.00

Log Measured From KB

Permanent Datum GL, Elevation 5519 feet

Delition Manager of Francisco MD O 40 FFFF				DF		5529.00
Drilling Measured From KB @ 12 FEET					GL	5519.00
Date	08-OCT-2014					
Run Number	ONE					
Service Order	7036-99982588					
Depth Driller	2989.00	feet				
Depth Logger	2986.00	feet				
First Reading	2931.33	feet				and the second of the second
Last Reading	0.00	feet				
Casing Driller	771.00	feet				
Casing Logger	772.00	feet				
Bit Size	8.750	inche	9S			
Hole Fluid Type	WBM					
Density / Viscosity	8.70 lb/USg	56.00	CP			
PH / Fluid Loss ~	10.00	8.70	ml/30Min			
Sample Source	FLOWLINE	•				
Rm @ Measured Temp	1.61 @ 75.0	ohm-	-m			
Rmf @ Measured Temp	1.29 @ 75.0	ohm-	-m			
Rmc @ Measured Temp	1.93 @ 75.0	ohm-	-m			
Source Rmf / Rmc	CALC	CALC				
Rm @ BHT	1.34 @ 91.0	ohm-	-m			
Timé Since Circulation	4 HOURS	·····				
Max Recorded Temp	91.00	deg F				
Equipment / Base	13096	LIB				
Recorded By	DEREK CARTER			*****		
Witnessed By	DAVID ABOTT			MIKE RAINES		
JOB#	LB14-309					



RADIAL CEMENT BOND GAMMA-RAY/CCL LOG

Company WHITING PETROLEUM CORP. Well **CANDELARIO 1928#101** WHITING PETROLEUM CORP. **WILDCAT** Field **CANDELARIO 1928#101 HARDING** County State NM API#: 30-021-20659 Location: Other Services WILDCAT CNL 1660' FSL & 1660' FEL TWP 19 N RGE 28E Elevation G.L. Permanent Datum Elevation K.B. 5531' County Log Measured From K.B.12' ABOVE PERM DATUM D.F. 5529' G.L. 5519' **Drilling Measured From** K.B. 10-14-14 Date Run Number ONE Depth Driller 2989' Depth Logger 2938 **Bottom Logged Interval** 2924 Top Log Interval GL Open Hole Size N/A Type Fluid WATER Density / Viscosity N/A Max. Recorded Temp. N/A NA **Estimated Cement Top** Time Well Ready ROA Time Logger on Bottom 9:00 AM Equipment Number TRK #49 Location LEVELLAND TX Recorded By R.D. MOTHERAL Witnessed By MR. HOLCOMB Borehole Record Tubing Record From Run Number Size To Weight From To <<< Fold Here >>> Casing Record Wgt/Ft Bottom Size Top 36# Surface String 9.625 771' Prot. String Production String 5.5" 15.5# 2989' Liner