Company TAILWATER, INC.
Well WHITESIDE #7-IW
Field GARNETT SHOESTRING
County ANDERSON
State KANSAS

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company TAILWATER, INC.
Well WHITESIDE #7-IW
Field GARNETT SHOESTRING
County ANDERSON
State KANSAS

Location: SEC 22 TWP 20S RGE 20E
660' FSL & 330' FWL
API # 15-003-25445-00-00

Permanent Datum: Ground Elevation
Log Measured From: KB 10 Ft. Above Permanent Datum
Drilling Measured From: KB

Date	1-Mar-13	
Run Number	ONE	
Depth Driller	826'	
Depth Logger	826'	
Top Log Interval	SURF	
Bottom Log Interval	826'	
Casing Driller	2 7/8" @ 781'	
Casing Logger	781'	
Bit Size	5 7/8"	
Type Fluid in Hole	FRESH WATER	
Density / Viscosity	8.4	
Max. Recorded Temp.	70	
Equipment Number	103	
Location	OLOGAH, K	
Recorded By	NOTARIDES, K	
Witnessed By		

Other Services: GR/CCL/NEU

RTSET 4.5 (2) 6.375/5.5

*** Fold Here ***

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or wilful negligence on our part, 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. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.59		GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU	0.63		NEU-TITAN (TITB01) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: whiteside # 7-iw db: field\well\run1\pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D. 1.69 in

Database File: e:\whiteside # 7-iw.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Feb 05 14:28:27 2013 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

150 gr 300 3 CCL 3 -05 100 NEU (cps) 1500
0 GR 150

PERFORATIONS
2" DML RTG
11 SHOTS @ 779' - 781'
9 SHOTS @ 746' - 750'
9 SHOTS @ 716' - 720'
11 SHOTS @ 671.5' - 677.5'
2 SHOTS/FT

GR CCL 600 NEU

150 gr 300 3 CCL 3 -05 100 NEU (cps) 1500
0 GR 150

ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

Company TAILWATER, INC.
Well WHITESIDE #7-IW
Field GARNETT SHOESTRING
County ANDERSON SEC 22 TWP 20S RGE 20E
State KANSAS Date 2-5-13