BRAN-DEX

WIRELINE SERVICES

GAMMA RAY/CCL
CEMENT BOND/VDL

Company GREAT WESTERN OIL & GAS LLC
Well GREAT WESTERN 27-34
Field WHITEMAN
County WELD
State CO

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Well GREAT WESTERN 27-34
Field WHITEMAN
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State CO
Location SW SW Sec. 34 T. 5 N. R. 64 W. 1,250' FSL & 1,250' FWL
Permanent Datum GROUND LEVEL
Elevation 4,707 ft
Log Measured From KB 18 ft above Permanent Datum
Drilling Measured From KB

Date	5-Jul-07	
Run Number	ONE	
Depth Driller	7,307 ft	
Depth Logger	7,307 ft	
Bottom Logged Interval	7,307 ft	
Top Logged Interval	4,000 ft	
Type Fluid in Hole	FRESH WATER	
Salinity	0 PPM	
Density / Viscosity	8.4 LB/G	28 S
PH / Fluid Loss	7	0 CC
Source of Sample	FLOWLINE	
Rm @ Measured Temp	0.08 @ 70 °F	
Rmf @ Measured Temp	0.06 @ 70 °F	
Rmc @ Measured Temp	0.1 @ 70 °F	
Source of Rmf / Rmc	MEASURED	
Rm @ BHT	0.05 @ 150 °F	
Time Since Circulation	4 HRS	
Max Rec. Temp.	150 °F	
Equipment Number	2134	
Location	GREELEY	
Recorded By	J. LUJAN	
Witnessed By	MR. BRAD MILLER	

Run No.	Bit From	Bit To	Size	Type	Weight	Rotary RPM	Pump Rate	Pump Pressure
ONE	SURF	7,307 ft	7 7/8 in	STEEL	10 K	60	5 BPM	1,000 PSI

Run No.	Type	Size	Weight	Grade	Thread	Top	Bottom
ONE	SURFACE	9 5/8 in	36 LB/FT	J-55	ST&C	SURF	1,000 ft
ONE	PRODUCTION	4 1/2 in	11.6 LB/FT	J-55	LT&C	SURF	7,307 ft

Run No.	Type	Size	Weight	Grade	Thread	Top	Bottom
ONE	TUBING	2 3/8 in	4.7 LB/FT	J-55	EUE	SURF	4,000 ft

Cement Information

Run No.	Type	Amount	Slurry Weight	Slurry Yield	Water Required	Top of Cement
ONE	SURFACE	350 SKS	15.8 LB/G	1.15 CF/SK	5 GAL/SK	SURF
ONE	PRODUCTION	150 SKS	13.5 LB/G	1.45 CF/SK	7.5 GAL/SK	3,500 ft

Field Data

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 forth in our current Price Schedule.

CORRECTED DOWN 12 TO PSI LOG DATED 4-28-2007
FIFTH WELL FROM NORTH ON PAD

Service	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	17.59		CCL-IE_101 (101)	2.92	1.69	11.00
			CENT-TEKCO (101)	2.73	2.25	
TEMP	12.57					
WVPCAL	11.15					
WVPS1	11.15		w-BkTEKVECT-2.0TTemp (TQ2N_101) TekCo 2.1/4" Vector Fluid with Temperature	9.11	2.25	75.00
WVPS2	11.15					
WVPS3	11.15					
WVPS4	11.15					
WVPS5	11.15					
WVPS6	11.15					
WVPS7	11.15					
WVPS8	11.15					
WVPSFT	10.42					
WVPSFT	9.40					
WVPTEMP	6.10					
WVPSYNC	6.10					
			CENT-TEKCO (102)	2.73	2.25	
GR	0.67		GR-FLEX (103) Pennant Gamma Ray	3.42	1.69	22.00

Dataset: gwt western 27-34 db
Total Length: 22.31 ft
Total Weight: 105.00 lb
O.D.: 2.25 in

Database File: gwt western 27-34 db
Dataset Pathname: pass1
Presentation Format: GWT
Dataset Creation: Thu May 24 15:56:10 2007 by Log Unit Ceadelle 08120
Charted by: Depth in Feet scaled 1:240

0 Collar Locator 1
0 Gamma Ray (GAPI) 200

0 Amplified Amplitude (mV) 80
0 Amplitude (mV) 80

0 VDL 1000

6000
6100
6200
6300
6400
6500
6600
6700
6750
6800
6850
6900
6950
7000
7050
7100
7150
7200
7250
7300

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0 Gamma Ray (GAPI) 200

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