GEARHART

GEARHART-OWEN
COMPUTED DIPMETER
INTERPRETATION

Company	AMERICAN ASSOC. OIL & GAS
Well	VIGNAT NO. 1
Field	VIGNAT
County	CASS
State	MISSOURI
Date	10-24-81
Run No.	ONE
Depth Driller	2225
Depth Logger	2225
Bottom Log Interval	2225
Top Log Interval	0
Casing Driller	0
Casing Logger	0
Bit Size	7 7/8
Type Fluid	FRESH WATER
Density	8.4
Viscosity	35
Fluid Loss	N/A
Source Sample	PIT
Rm @ Meas. Temp.	.75 @ 75
Rmf @ Meas. Temp.	.55 @ 75
Rmc @ Meas. Temp.	.75 @ 75
Source Rmf/Rmc	CALC
Rm @ BHT	.35 @ 100
Time Since Circ.	24
Max. Rec. Temp.	100
Equipment Number	1
Location	10
Recorded By	HOLT
Witnessed By	MR. BOYD

CASING RECORD

Size	Wgt.	Grade	Conn.	Top Log Int.	Top Driller	Shoe Depth	Stage Collar	Cement Type	Cement Amount	Cement Top	Top Perf.	Bot. Perf.
8 5/8	24#	J-55	ST&C	0	0	217	0	CLASS A	150	CIRC.		

TUBING RECORD

Size	Wgt.	Grade	Conn.	Top Log Int.	Top Driller	Shoe Depth	Packer Type	Packer Depth	Bottom Hole Temp.	Top Perf.	Bot. Perf.
2 3/8	4.7	N-80	IJ	N/A	0	2225	N/A	N/A	100	2217	2223

REMARKS
FRESH WATER ADDED PRIOR TO LOGGING

NOTICE: 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 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.

02-04-81 21-02 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
4 CALIPER Y 14
20 #(CDL) +10
20 #(CDM) +10

02-04-81 21-12 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
20 #(CDM) +10
-0.25 AF 0.25
2.00 F(R) 3.00

02-04-81 20-42 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

02-04-81 20-52 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

02-04-81 20-41 SEC.9 12222S 004T-22 0 3

Company: AMERICAN ASSOC. OIL & GAS
Well: VIGNAT NO. 1
Field: VIGNAT
County: CASS State: MISSOURI

Run: ONE
Date: 10-24-81
Depth Driller: 2225
Depth Logger: 2225
Bottom Log Interval: 2225
Top Log Interval: 0
Casing Driller: 0
Casing Logger: 0
Bit Size: 7 7/8
Type Fluid: FRESH WATER
Density: 8.4
Viscosity: 35
Fluid Loss: N/A
Source Sample: PIT
Rm @ Meas. Temp.: .75 @ 75
Rmf @ Meas. Temp.: .55 @ 75
Rmc @ Meas. Temp.: .75 @ 75
Source Rmf/Rmc: CALC
Rm @ BHT: .35 @ 100
Time Since Circ.: 24
Max. Rec. Temp.: 100
Equipment Number: 1
Location: 10
Recorded By: HOLT
Witnessed By: MR. BOYD

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

REPEAT SECTION

02-04-81 20-39 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

REPEAT SECTION

02-04-81 20-38 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

02-04-81 21-02 SEC.9 12222S 004T-22 0 3

0 GR API 150
4 CALIPER X 14
20 #(CDL) +10
-0.25 AF 0.25
2.00 F(R) 3.00

02-04-81 21-02 SEC.9 12222S 004T-22 0 3