Dresser Atlas

DUAL INDUCTION
SHORT NORMAL FOCUSED LOG

Company: TEXACO, A DIV. OF TEXACO INC.
Well: 32-27 SAN EMIDIO
Field: WILDCAT
County: CHEROKEE State: CALIFORNIA

Location: 1980' FNL & 1980' FEL
Permanent Datum: GROUND LEVEL Elevation: 1234
Log Measured From: KELLY BUSHING 10 Ft. Above Perm. Datum
Drilling Measured From: KELLY BUSHING

Date	10-21-79		
Run No.	ONE		
Depth-Driller	10,000		
Depth-Logger	10,000		
Bottom Logged Interval	9,998		
Top Logged Interval	1,000		
Type Fluid in Hole	LIGNOSULFONATE		
Salinity, PPM Cl	1,000		
Density	9.6		
Viscosity	40		
Fluid Loss	6.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp.	.75 @ 70		
Rmf @ Meas. Temp.	.60 @ 70		
Rmc @ Meas. Temp.	.90 @ 70		
Source of Rmf & Rmc	MEASURED		
Rm @ BHT	.30 @ 180		
Time Since Circ.	6 HRS.		
Max. Rec. Temp. Deg. F.	180		
Equipment Number	1		
Location	BAKERSFIELD		
Recorded By	R. MOORE		
Witnessed By	MR. BOYD		

Run No. ONE

Bit No.	1
Type	7 7/8
Size	7 7/8
Make	HTC
Type	J-33
In	1,000
Out	10,000
Footage	9,000
Hours	72

Casing Driller	10 3/4 @ 1,000
Casing Logger	1,000
Bit Size	7 7/8
Type Fluid in Hole	LIGNOSULFONATE
Dens.	9.6
Visc.	40
pH	10.5
Fluid Loss	6.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	.75 @ 70
Rmf @ Meas. Temp.	.60 @ 70
Rmc @ Meas. Temp.	.90 @ 70
Source of Rmf & Rmc	MEASURED
Rm @ BHT	.30 @ 180
Time Since Circ.	6 HRS.
Max. Rec. Temp. Deg. F.	180
Equipment Number	1
Location	BAKERSFIELD
Recorded By	R. MOORE
Witnessed By	MR. BOYD

Service Tickets No. 0 0 0 0 0 0 Permanent

Service Order No.

Charge to: Mark Type: Additional Services

	Type Log	Depth	Scale Up Hole	Scale Down Hole
Type Log				
Type Log				
Type Log				

Recorded Miles One Way	
Truck No.	

EQUIPMENT DATA

	Rec.	Type Log	Depth	Rec. Type Log	Depth	Other
Dual Ind. SFL	1	DIL	10,000			
Sonic						
Gamma Ray						
Neutron						
Density						
Dipmeter						
Cyberlook						
Other						

Remarks: RUN 1 - 10,000' - 1,000'

Thank You

CUSTOMER'S AGENT SIGNATURE

CASING RECORD

	Size	Wgt.	Grade	From	To
Surface String	10 3/4	40.5	K-55	0	1,000
Prod. String					
Liner					
Liner					

Run No. ONE

Bit No.	2
Type	7 7/8
Size	7 7/8
Make	HTC
Type	J-33
In	1,000
Out	10,000
Footage	9,000
Hours	72

Casing Driller	10 3/4 @ 1,000
Casing Logger	1,000
Bit Size	7 7/8
Type Fluid in Hole	LIGNOSULFONATE
Dens.	9.6
Visc.	40
pH	10.5
Fluid Loss	6.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	.75 @ 70
Rmf @ Meas. Temp.	.60 @ 70
Rmc @ Meas. Temp.	.90 @ 70
Source of Rmf & Rmc	MEASURED
Rm @ BHT	.30 @ 180
Time Since Circ.	6 HRS.
Max. Rec. Temp. Deg. F.	180
Equipment Number	1
Location	BAKERSFIELD
Recorded By	R. MOORE
Witnessed By	MR. BOYD

Service Tickets No. 0 0 0 0 0 0 Permanent

Service Order No.

Charge to: Mark Type: Additional Services

	Type Log	Depth	Scale Up Hole	Scale Down Hole
Type Log				
Type Log				
Type Log				

Recorded Miles One Way	
Truck No.	

EQUIPMENT DATA

	Rec.	Type Log	Depth	Rec. Type Log	Depth	Other
Dual Ind. SFL	1	DIL	10,000			
Sonic						
Gamma Ray						
Neutron						
Density						
Dipmeter						
Cyberlook						
Other						

Remarks: RUN 2 - 10,000' - 1,000'

Thank You

CUSTOMER'S AGENT SIGNATURE

CASING RECORD

	Size	Wgt.	Grade	From	To
Surface String	10 3/4	40.5	K-55	0	1,000
Prod. String					
Liner					
Liner					

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8" x 100'

POTENTIAL MILLIVOLTS

RESISTIVITY OHMS M²/M

DEEP INDUCTION

MEDIUM INDUCTION

16" NORMAL

Base

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100

DEPTH IN FEET

16" NORMAL

MEDIUM INDUCTION

DEEP INDUCTION

64" NORMAL

Base

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100

DEPTH IN FEET

64" NORMAL

MEDIUM INDUCTION

DEEP INDUCTION

POTENTIAL MILLIVOLTS

RESISTIVITY OHMS M²/M

Base

Texaco Exploration Incorporated
32-27 San Emidio
Kiser Valley
Cherokee County, California

TD LOGGER 1979
TD DRILLER 2002
TD WELEX 1981

Welex

PERFET SECTION

1000

2000