SCHLUMBERGER WELL SURVEYING CORPORATION

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY SHELL OIL COMPANY
WELL DUNBAR RANCH
COUNTY LEA STATE NEW MEXICO
LOCATION 1980'S & 1980'W FROM SE CORNER SEC. 8 TWP. 20S RGE. 37E
Other Services: CNL

Permanent Datum: G.L.
Log Measured From: K.B.
Drilling Measured From: K.B.
Elev.: K.B. 3472
G.L. 3457

Date: 9-10-70
Run No.: ONE
Depth-Driller: 9300
Depth-Logger: 9302
Bottom Log Interval: 9300
Top Log Interval: SURFACE
Casing-Driller: 13 3/8 @ 1500
Casing-Logger: 1500
Bit Size: 12 1/4
Type Fluid in Hole: BRINE
Dens.: 10.0
Visc.: 32
pH: 10.0
Fluid Loss: 10.0
Source of Sample: PIT
R_m @ Meas. Temp.: .70 @ 75°F
R_mf @ Meas. Temp.: .50 @ 75°F
R_mc @ Meas. Temp.: .90 @ 75°F
Source: R_mf: PIT R_mc: MEAS.
R_m @ BHT: .70 @ 150°F
R_mf @ BHT: .50 @ 150°F
R_mc @ BHT: .90 @ 150°F
Circulation Stopped: 9:00 A.M.
Logger On Bottom: 11:00 A.M.
Unit Number: 1
Max. Rec. Temp.: 150°F
Equipment Location: HOBBS
Recorded By: R. CAMPBELL
Witnessed By: MR. BOB BAY

Bore hole record: 13 3/8 @ 1500 — 12 1/4 @ 9300

Run No. ONE

Bit No.	From	To
1	0	1500
2	1500	9300

Casing: 13 3/8 @ 1500 w/ 1000 sx

REMARKS: DRILL STEM SUMMARY

Changes in Mud Type or Additional Samples

Date	Sample No.	Depth
Depth-Driller		
Type Fluid in Hole		
Dens.	Visc.	
pH	Fluid Loss	

Source of Sample				
R_m @ Meas. Temp.	@	°F	@	°F
R_{mf} @ Meas. Temp.	@	°F	@	°F
R_{mc} @ Meas. Temp.	@	°F	@	°F
Source: R_{mf} R_{mc}				
R_m @ BHT	@	°F	@	°F
R_{mf} @ BHT	@	°F	@	°F
R_{mc} @ BHT	@	°F	@	°F

Changes in Bore Hole

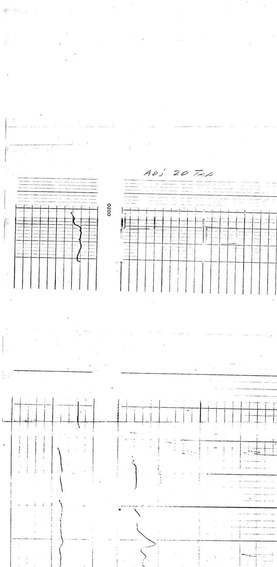
Date	Run No.	Type Log	Depth	Scale Up Hole	Scale Down Hole

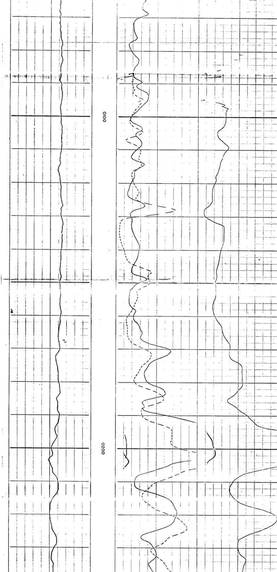
Equipment Data

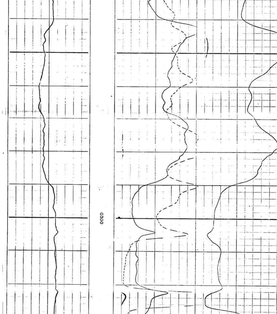
Run No.	Tool Type	Pad Type	Tool Test	Tool Pos.	Other

DRILL STEM TEST				DRILL STEM TEST			
RUN	DRILL PIPE		BHT	RUN	DRILL PIPE		BHT
1	3.07	0.90	0.43	3	3.00	0.90	0.42
2	1.40	0.40	0.42	4	1.50	0.42	0.42
3	5.51	1.70	0.43	5	5.52	0.70	0.42

SPONTANEOUS POTENTIAL millivolts	Points	RESISTIVITY ohms. m²/m	RESISTIVITY ohms. m²/m
		SHORT NORMAL 16" NORMAL	LONG NORMAL 64" NORMAL
		a 0	a 0
		b Ro	b Ro
		18'9" LATERAL 18' LATERAL	
		c 50	
		d Rm	







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