FORM 9253 17

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Dresser Atlas DRESSER

Dual Induction Focused Log

FILE NO. 1726

API NO.

COMPANY E & B Natural Resources Management Corp.

WELL "WNF-I" #8 037-22620

FIELD WILMINGTON

COUNTY LOS ANGELES STATE CALIFORNIA

LOCATION: N 4 041 389 E 4 204 682

Other Services: NONE

SEC. 19 TWP. 4S RGE. 13W

Permanent Datum: MAT. Elev. 38'

Log Measured from K.B., 12 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elev.: KB 50' DF -- GL 38'

Date	4/14/82		
Run No.	ONE		
Service Order	19373		
Depth — Driller	4422		
Depth — Logger	4424		
Bottom Logged Interval	4422		
Top Logged Interval	594		
Casing — Driller	10 3/4 @ 593	@	@
Casing — Logger	594		
Bit Size	9 7/8x6¼x4247		
Type Fluid in Hole	CLAY BASE		
Density and Viscosity	75 / 60		
pH and Fluid Loss	9.5 / 8 cc	cc	cc
Source of Sample	MUD PIT		
Rm @ Meas. Temp.	3.15 @ 75°F	@ °F	@ °F
Rmf @ Meas. Temp.	2.35 @ 65°F	@ °F	@ °F
Rmc @ Meas. Temp.	3.65 @ 65°F	@ °F	@ °F
Source of Rmf and Rmc	M / M		
Rm @ BHT	1.70 @ 139°F	@ °F	@ °F
Time Since Circ.	6 HOURS		
Max. Rec. Temp. Deg. F.	-- °F	°F	°F
Equip. No. and Location	6140 / L.B.		
Recorded By	S. TRANTINA		
Witnessed By	MR. WRIGHT		

FOLD HERE

Remarks:

NO MUD SAMPLE FROM FLOWLINE WAS AVAILABLE.

EQUIPMENT DATA

	RUN NO. 1			RUN NO. 2			RUN NO. 3		
	DIFL	G/R	CALIPER	DIFL	G/R	CALIPER	DIFL	G/R	CALIPER
Tool Series No.	1503	1310							
Serial No.	34664	44353							
Diameter	3 5/8"	2 3/4"							
Tool Position	1.5"S.O.								
Detec. Model No.		D6G4							
Type		SCINT.							
Panel Series No.	3456	3621							
Serial No.	34855	35786							

LOGGING DATA

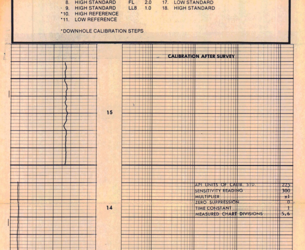
GENERAL				LOGGING SCALES									
Run No.	Depths From	Depths To	Speed Ft./Min.	Resistivity Scale (Ohm m²/m)	Conductivity Scale (mmhos/m)	Acoustic Scale (µ sec./ft.)	GR Scale (API Units)	Caliper Scale (Inches)	Rwa Scale Ohm m	Δt ma Value µ sec./ft.	Δt Shale Value µ sec./ft.	S. P. Scale (Millivolts)
1	4224	594	60	0-20	0-1000	-	50-150	-	-	-	-	10

FORM 92517 002 (LOG)

SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY ohms - m²/m
← 15 → +		SHALLOW FOCUSED LOG .2 1.0 10 100 1000
		MEDIUM INDUCTION LOG .2 1.0 10 100 1000
		DEEP INDUCTION LOG .2 1.0 10 100 1000

SPONTANEOUS POTENTIAL Millivolts	DEPTH	RESISTIVITY ohms - m²/m
← 10 → +		DEEP INDUCTION LOG .2 1.0 10 100 1000
		MEDIUM INDUCTION LOG .2 1.0 10 100 1000
		SHALLOW FOCUSED LOG .2 1.0 10 100 1000

Company	XTRA-ENERGY CORPORATION	Drillers T.D.	4422
Well	#8	Log F.R.	4422
Field	WILMINGTON	Log T.D.	4424
County	LOS ANGELES	Elevations:	
State	CALIFORNIA	K.B. 50' D.F. -- G.L. 38'	

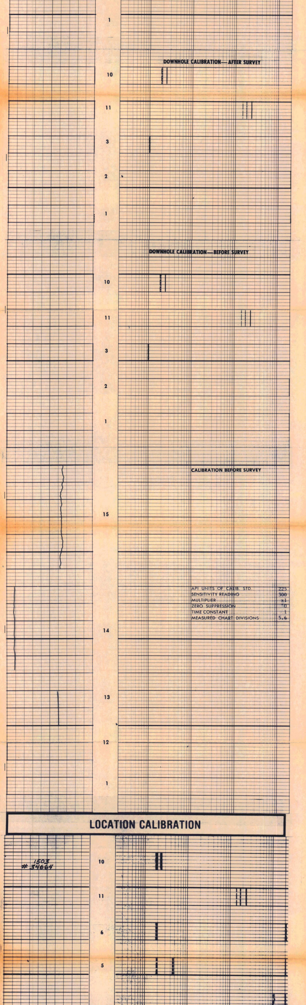


CALIBRATION

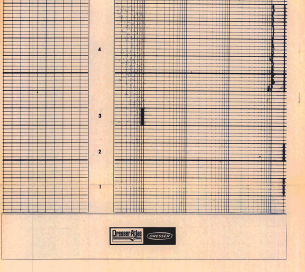
INSTRUMENT CALIBRATION CODE

DUAL INDUCTION		G/R or NEUTRON
* 1. MECHANICAL ZERO		12. ELECTRICAL ZERO
* 2. PANEL Ln LOW		13. CRM CALIBRATE
* 3. PANEL Ln HIGH		14. LOW STANDARD
4. LOW STANDARD	ILD-ILM	15. HIGH STANDARD
5. HIGH STANDARD	ILD	
6. HIGH STANDARD	ILM	CALIPER
7. LOW STANDARD	FL or LL8	
8. HIGH STANDARD	FL 2.0	17. LOW STANDARD
9. HIGH STANDARD	LL8 1.0	18. HIGH STANDARD
*10. HIGH REFERENCE		
*11. LOW REFERENCE		

*DOWNHOLE CALIBRATION STEPS



LOCATION CALIBRATION



Dresser Atlas DRESSER