FINAL PRINT

Schlumberger

DUAL INDUCTION-SFL WITH LINEAR CORRELATION LOG

COMPANY: E & B Natural Resources Management Corp.

WELL: "WNF-T" 35 037-22795

FIELD: WILMINGTON

COUNTY: LOS ANGELES STATE: CALIFORNIA

LOCATION: LAMBERT COORDINATES N 404 1496 E 420 5567

API SERIAL NO: -- SEC: -- TWP: -- RANGE: --

Other Services: NONE

COUNTY: LOS ANGELES
FIELD: WILMINGTON
LOCATION:
WELL: WNF 35
COMPANY: XTRA ENERGY

Permanent Datum: GL ; Elev.: 36
Log Measured From: KB 22 Ft. Above Perm. Datum
Drilling Measured From: KB

Elev.: K.B. 58 D.F. -- G.L. 36

Date	01/20/83			
Run No.	ONE			
Depth—Driller	5144			
Depth—Logger (Schl.)	5143			
Btm. Log Interval	5137			
Top Log Interval	606			
Casing—Driller	10 3/4 @ 606	@	@	@
Casing—Logger	606			
Bit Size	9 7/8"			
Type Fluid in Hole	BASE CHEM			
Dens. / Visc.	46			
pH / Fluid Loss	5.0 ml	ml	ml	ml
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	@ 91 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.18 @ 55 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.16 @ 54 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	FILTER PRESS			
Rm @ BHT	.90 @ 125 °F	@ °F	@ °F	@ °F
Time Circulation Stopped	1330 01/20			
Time Logger on Bottom	1700 01/20			
Max. Rec. Temp.	125 °F	°F	°F	°F
Equip. / Location	8240 / 4404			
Recorded By	DOW			
Witnessed By	WRIGHT			

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE			
Service Order No.	376463			
Fluid Level	FULL			
Salinity ppm. cl	1450			
Speed F.P.M.	140			
EQUIPMENT DATA				
Panel No.	IEM-BC-1070			
Cartridge No.	DIC-1399			
Sonde No.	DIS-1387			
Mem. Panel No.	CPU-1388			
G.R. Panel No.	--			
G.R. Cart No.	--			
Tape Recorder - (TTR)	MTU-3980			
Depth Encoder - (DRE)	--			
Pressure Wheel - (CPM)	--			
Type Centralizers	NONE			
Stand Off - Inches	0			
CALIBRATION DATA				
SBR	1			
Sonde Error - ILM	5.8			
Sonde Error - ILD	4.2			
G.R. BKG. - CPS.	--			
G.R. Source - CPS.	--			
S.E. Set In Hole - Depth	--			
S.E. Corr. - Hole Size	--			
LOGGING DATA				
SBR	1			
Sonde Error Log - ILM	5.8			
Sonde Error Log - ILD	4.2			
G.R. Scale per 100 Div.	--			
G.R. - T.C. Log	--			
	°F	°F	°F	°F
	°F	°F	°F	°F
	°F	°F	°F	°F

SCALE CHANGES			
Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS

CSU VERSION 22.4

MAX HOLE ANGLE 58°

NO STANDOFF USED TO FACILITATE REACHING TOTAL DEPTH OF WELL.

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 interpretations, and we shall not, except in the case of gross or willful 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 as set out in our current Price Schedule.

SP (MV) -80.00 20.000		ILD (OHMM) 0.0 20.000 / SFLA(OHMM) 0.0 4.0000 / SFLA(OHMM) 0.0 20.000
		CILD(MMHO) 1000.0 0.0

-80.00	SP	20.000	SCALE
-32.00	4910	8.0000	CHANGES

FILE 6

FILE 6

SP (MV) -32.00 8.0000		ILD (OHMM) 0.0 20.000 / SFLA(OHMM) 0.0 4.0000 / SFLA(OHMM) 0.0 20.000
		CILD(MMHO) 1000.0 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
DSEC	4.20000	MMHO	BS	9.87500	IN
MSEC	5.80000	MMHO	SBR	1.00000	OHMM
DO	0.0	F	BHS	OPEN	

COMPANY: XTRA ENERGY
WELL: WNF 35
FIELD: WILMINGTON
COUNTY: LOS ANGELES STATE: CALIFORNIA

SCHL. FR 5137
SCHL. TD 5143
DRLR. TD 5144
Elev: KB 58 DF -- GL 36