FINAL PRINT

Schlumberger

DUAL INDUCTION-SFL WITH LINEAR CORRELATION LOG

E & B Natural Resources Management Corp.

COMPANY XTRA ENERGY CORP.
WELL ~~WNF 51~~ "WNF-I" 51 (037-22885)
FIELD WILMINGTON
COUNTY LOS ANGELES STATE CALIFORNIA

LOCATION: LAMBERT COORDINATES N 4 039 630, E 4 205 421
API SERIAL NO. --
SEC 29 TWP 4S RANGE 13W

Other Services: NONE

Permanent Datum: GL ; Elev.: 39
Log Measured From KB 22 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 61, D.F. --, G.L. 39

Date	07/03/83			
Run No.	ONE			
Depth—Driller	4607			
Depth—Logger (Schl.)	4588			
Btm. Log Interval	4592			
Top Log Interval	606			
Casing—Driller	10 3/4 @ 606	@	@	@
Casing—Logger	606			
Bit Size	9 7/8"			
Type Fluid in Hole	CLAY BASE			
Dens. / Visc.	10.1 / 47			
pH / Fluid Loss	8.7 / 4.4 ml	ml	ml	ml
Source of Sample	MUD PIT			
Rm @ Meas. Temp.	1.04 @ 101 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	1.14 @ 68 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.07 @ 68 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	FILTER / PRESS			
Rm @ BHT	.844 @ 126 °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	0700			
TIME: Logger on Bottom	0930			
Max. Rec. Temp.	126 °F	°F	°F	°F
Equip. / Location	8240 / 4404			
Recorded By	MACGLASHAN			
Witnessed By	WRIGHT			

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

Run No.	ONE			
Service Order No.	376177			
Fluid Level	FULL			
Salinity ppm. cl	--			
Speed F.P.M.	120			

EQUIPMENT DATA

Panel No.	IEM-BC-1070			
Cartridge No.	DIC-1399			
Sonde No.	DIS-1387			
Mem. Panel No.	CPU-2003			
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	1.0			
Sonde Error - ILM	5.9			
Sonde Error - ILD	2.7			
G.R. BKG. - CPS.	--			
G.R. Source - CPS.	--			
S.E. Set In Hole - Depth	--			
S.E. Corr. - Hole Size	--			

LOGGING DATA

SBR	1.0			
Sonde Error Log - ILM	5.9			
Sonde Error Log - ILD	2.7			
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
SP	4247	-80 TO 20	-32 TO 8

REMARKS

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 4247 8.0000 CHANGES

FILE

3

FILE

3

ILD (OHMM) 0.0 20.000
SFLA(OHMM) 0.0 4.0000
SP (MV) -32.00 8.0000
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	2.70000	MMHO	BS	9.87500	IN
MSEC	5.90000	MMHO	SBR	1.00000	OHMM
DO	0.0	F	BHS	OPEN	

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FIELD WILMINGTON
COUNTY LOS ANGELES STATE CALIFORNIA

SCHL. FR 4592
SCHL. TD 4588
DRLR. TD 4607
Elev: KB 61
DF --
GL 39

RECEIVED
OCT 21 1 51 PM '83
DIV. OF OIL AND GAS
LONG BEACH, CA.