Schlumberger

DUAL INDUCTION-SFL WITH LINEAR CORRELATION LOG

COMPANY AMERICAN QUASAR

WELL M&P FARMS NO.33-24

LOCATION 33-11S-4W

FIELD CORVALIS

COUNTY LINN

COMPANY	AMERICAN QUASAR PETROLEUM COMPANY
WELL	M & P FARMS NO. 33-24
FIELD	CORVALIS
COUNTY	LINN
STATE	OREGON
LOCATION	1980'FWL & 660'FSL
API SERIAL NO.	
SEC.	33
TWP	11S
RANGE	4W

Other Services: BHC, HDT, FDC/CNL/GR

Permanent Datum: GL ; Elev.: 220.5

Log Measured From KB 10.5 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. 231.0 D.F. -- G.L. 220.5

Date	3-4-81			
Run No.	ONE			
Depth—Driller	4275			
Depth—Logger (Schl.)	4266			
Btm. Log Interval	4266			
Top Log Interval	520			
Casing—Driller	7" @ 515	@	@	@
Casing—Logger	520			
Bit Size	6¼"			
Type Fluid in Hole	GEL-LIGNITE			
Dens. / Visc.	76 / 49			
pH / Fluid Loss	9.5 / 4.9 ml	ml	ml	ml
Source of Sample	CIRCULATION			
Rm @ Meas. Temp.	0.85 @ 62 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	0.98 @ 47 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	1.75 @ 47 °F	@ °F	@ °F	@ °F
Source: Rmf / Rmc	M / M			
Rm @ BHT	0.53 @ 101°F	@ °F	@ °F	@ °F
Circulation Stopped	2100			
Logger on Bottom	0100			
Max. Rec. Temp.	101 °F	°F	°F	°F
Equip. / Location	8128 / SAC			
Recorded By	FINNELL			
Witnessed By	MANN			

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

Run No.	ONE			
Service Order No.	205745			
Fluid Level	FULL			
Salinity ppm. cl	-			
Speed F.P.M.	60			
EQUIPMENT DATA				
Panel No.	-			
Cartridge No.	47			
Sonde No.	83			
Mem. Panel No.	-			
G.R. Panel No.	-			
G.R. Cart No.	-			
Tape Recorder - (TTR)	-			
Depth Encoder - (DRE)	-			
Pressure Wheel - (CPM)	-			
Type Centralizers	-			
Stand Off - Inches	-			
CALIBRATION DATA				
SBR	1.0			
Sonde Error - ILM	5.3			
Sonde Error - ILD	4.3			
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	5.3			
Sonde Error Log - ILD	4.3			
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

SP SHIFT AT 2410'
SP TAKEN FROM BHC

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 wilful 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.

PARAMETERS

NAME	UNIT	VALUE	NAME	UNIT	VALUE	NAME	UNIT	VALUE
DTM	US/F	56.00	CDTS		1450.	BS	INCH	6.250
SBR	OHMM	1.000	DSEC	MM/M	8.000	DTF	US/F	189.0
FPHI		PHIX	MSEC	MM/M	10.00			
DO		0.0	BHS		OPEN			

SP (MV) -70.00 30.00 | ILD (OHMM) 0.0 100.0 | SFLA(OHMM) 0.0 20.00 | SFLA(OHMM) 0.0 100.0 | CILD(MM/M) 1000. 0.0

FILE 1015

FILE 1015

SP (MV) -100.0 0.0 | ILD (OHMM) 0.0 100.0 | SFLA(OHMM) 0.0 20.00 | SFLA(OHMM) 0.0 100.0 | CILD(MM/M) 1000. 0.0

COMPANY	AMERICAN QUASAR PETROLEUM COMPANY	SCHL. FR	4266
WELL	M & P NO. 33-24	SCHL. TD	4266
		DRLR. TD	4275
FIELD	CORVALIS	Elev: KB	231.0
		DF	--
COUNTY	LINN STATE OREGON	GL	220.5