DUAL INDUCTION - LATEROLOG

Schlumberger

DEC 10 1973

CONFIDENTIAL

COUNTY ANDREW
FIELD or LOCATION SEC. 14-59N-34W
WELL EVANS #1
COMPANY TEXACO, INC.

COMPANY TEXACO, INC.
WELL EVANS #1
FIELD WILDCAT
COUNTY ANDREW STATE MISSOURI

Location: API Serial No.
810' FNL NE-NW
1955' FWL

Other Services: FDC-GR

Sec. 14 Twp. 59N Rge. 34W

Permanent Datum GROUND LEVEL ; Elev. 924
Log Measured From KB 5 Ft. Above Perm. Datum
Drilling Measured From KB

Elev.: K.B. 929, D.F. ---, G.L. 924

Date	12-7-73
Run No.	ONE
Depth-Driller	1260
Depth-Logger	1258
Btm. Log Interval	1252
Top Log Interval	128
Casing-Driller	8 5/8 @ 128
Casing-Logger	128
Bit Size	6 3/4
Type Fluid in Hole	FRESH MUD W/GEL
Fluid Level	FULL
Dens. / Visc.	9.3 / 33
pH / Fluid Loss	10 / 14 ml
Source of Sample	MUD PIT
Rm @ Meas. Temp.	3.25 @ 75 °F
Rmf @ Meas. Temp.	3.09 @ 73 °F
Rmc @ Meas. Temp.	---
Source: Rmf / Rmc	MP / --
Rm @ BHT	2.70 @ 90 °F
Time Since Circ.	1½ HOURS
Max. Rec. Temp.	90 °F
Equip. / Location	4571 / WICH
Recorded By	PARSLOW
Witnessed By	DISTLER, NORTON

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

CHANGES IN MUD TYPE OR ADDITIONAL SAMPLES

Date / Sample No.		
Depth - Driller		
Type Fluid in Hole		
Dens. / Visc.		
ph / Fluid Loss	ml	ml
Source of Sample		
Rm @ Meas. Temp.	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf / Rmc		
Rm @ BHT	@ °F	@ °F
Rmf @ BHT	2.55 @ 90 °F	@ °F
Rmc @ BHT	@ °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	ONE
Panel No.	CB-204
Cart. No.	B-154
Sonde No.	DB-48
Mem. Panel No.	B-118
G.R. Cart. No.	---
G.R. Panel No.	---
TTR No.	---
Cent. Device	NOT USED
Stand off - Inches	ZERO
Time Const. - Sec.	---
Speed - F.P.M.	---

REMARKS

Service Order No. 83697

- [X] Surface determined sonde errors used.
- [ ] Sonde error corrected for inch borehole signal at R_m
- [ ] Induction zero set in hole at depth of feet

CALIBRATION DATA

CALIBRATION	BACKGND. CPS.	SOURCE CPS.	GALV. INCR. DIVISION	SENS. TAP (FOR CAL.)	SENS. TAP (RECORD)	TIME CONST.
GAMMA RAY						

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 Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

CALIBRATION RECORD

COMPANY TEXACO, INC.
WELL EVANS #1
FIELD WILDCAT
COUNTY ANDREW STATE MISSOURI

SCHL. FR 1252
SCHL. TD 1258
DRLR TD 1260
Elev: KB 929, DF ---, GL 924

Log Analysis

SCHLUMBERGER

COMPANY TEXACO, INC. — WELL EVANS #1
FIELD WILDCAT — COUNTY ANDREW — STATE MISSOURI

DEPTH	RT	RW	PG	% POROSITY	% WATER	REMARKS
816-24	9	.45	2.68	19AVG.	100+	
852-56	12	"	"	9	100+	
1003-07	11	"	"	18/22	88/100	
1014-22	10	"	"	18AVG.	100+	
1024-30	8	"	"	21AVG.	100+	
30-42	8	"		24	90	
1044-58	9	"	"	20/24	85/90	
58-72	10	"	"	20/24	79/100	
1115-18	12AVG.	"	"	21	87	
1234-38	15	"	"	14	100+	
1250-52	12	"	"	20	90	
52-56	--	"	"	25	--	

RW = .45, NORMALIZED WITH F LOG ON DIL
RW = .70 FROM S.P. RMF MAY NOT HAVE BEEN REPRESENTATIVE SAMPLE.

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DATE 12-7-73 — LOCATION WICHITA, KANSAS — ENGINEER PARSLOW