G02949

Schlumberger

DUAL INDUCTION - LATEROLOG

COMPANY	ANADARKO PRODUCTION COMPANY & DIAMOND SHAMROCK OIL & GAS
WELL	#1 DUDECK "A"
FIELD	WILDCAT
COUNTY	HOLT
STATE	MISSOURI
Location	C-NW-SE 1780' FNL 1980' FEL
API Serial No.	
Sec.	5
Twp.	59N
Rge.	37W
Other Services	CNL-FDC-GR

COUNTY HOLT
FIELD or LOCATION SEC. 5-59N-37W
WELL #1 DUDECK "A"
COMPANY ANADARKO PRODUCTION & DIAMOND SHAMROCK

RECEIVED JUL 12 1976 MO. OIL & GAS COUNCIL

Permanent Datum	GROUND LEVEL
Elev.	1119
Log Measured From	GL, 0 Ft. Above Perm. Datum
Drilling Measured From	GL
Elev.: K.B.	----
D.F.	----
G.L.	1119

Date	5-25-76
Run No.	ONE
Depth—Driller	2243
Depth—Logger	2243
Btm. Log Interval	2237
Top Log Interval	172
Casing—Driller	8 5/8 @ 172
Casing—Logger	172
Bit Size	7 7/8
Type Fluid in Hole	FGM
Fluid Level	FULL
Dens. / Visc.	8.7 / 37
pH / Fluid Loss	9.5 / 8.0 ml
Source of Sample	CIRCULATED
Rm @ Meas. Temp.	2.66 @ 71 °F
Rmf @ Meas. Temp.	2.07 @ 67 °F
Rmc @ Meas. Temp.	-- @ -- °F
Source: Rmf / Rmc	MP / --
Rm @ BHT	2.15 @ 88 °F; 1.58 @ 88 °F
Time Since Circ.	2 HOURS
Max. Rec. Temp.	88 °F
Equip. / Location	7749 / WICHITA
Recorded By	LANGENBUCH
Witnessed By	MR J. RIGGS, MR W. RIGGS

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		@ °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	USED
Stand off - Inches	1.5
Time Const. - Sec.	--
Speed - F.P.M.	80

REMARKS
Service Order No. - 23067

[X] Surface determined sonde errors used.
[ ] Sonde error corrected for ___ inch borehole signal at Rm
[X] Induction zero set in hole at depth of 2195 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 4 of our General Terms and Conditions as set out in our current Price Schedule.

DUAL INDUCTION CALIBRATION FILM CODING

1. MECHANICAL ZERO
2. 1 OHM-M
3. 100 OHM-M
4. ELECTRICAL ZERO (500 OHM-M)
5. 2 OHM-M
6. SONDE ERRORS (+2 MMHO)
7. ZERO SIGNAL IN AIR
8. ILd TEST LOOP (2 OHM SIGNAL)
9. ILm TEST LOOP (2 OHM SIGNAL)
10. Rxo/Rt UNITY
11. Rxo/Rt CALIBRATE

CALIBRATION RECORD

COMPANY ANADARKO PRODUCTION & DIAMOND SHAMROCK
WELL #1 DUDECK "A"
FIELD WILDCAT
COUNTY HOLT STATE MISSOURI

SCHL. FR 2237
SCHL. TD 2243
DRLR TD 2243
Elev: KB ---- DF ---- GL 1119

Log Analysis

Schlumberger

COMPANY ANADARKO PRODUCTION & DIAMOND SHAMROCK — WELL #1 DUDECK "A"
FIELD WILDCAT — COUNTY HOLT — STATE MISSOURI

DEPTH	RT	RW	ØD	ØN	% POROSITY	% WATER	REMARKS
1720-24	9	.33	10-26	20-25	15-25½	100-66	
24-26	9	"	25	23	24	70	
26-28	12	"	21	19	20	74	
28-32	14	"	19-22	16-22	17½-22	79-62	
32-38	11	"	27-24	24-20	25½-22	59-69	
38-42	13	"	19	17	18	79	
42-46	9	"	13	13	13	100	SHALEY
48-52	9-15	"	26	23	24½	68-53	
1830-34	21	.30	10	22	16	75	SHALEY
1854-62	50	"	12	5	8½	91	SHALEY
1876-80	70 APP.	"	8	16	12	55	
1952-62	45	.50	13	20	16½	64	
62-68	70	"	13	13	13	65	
68-72	35	"	13	22	17½	68	
72-76	50	"	11	16	13½	74	
76-82	25	"	11	23	17	83	
2004-10	200	"	8	8	8	63	
10-14	150	"	9	9	9	64	
14-24	250	"	6-9	6-9	6-9	75-50	TITE
24-28	200	"	9	9	9	56	

COAL STREAKS
DEPTHS: 568-70, 1190, 1420, 1482, 1510-18, 1532-36, 1551, 1565-67, 1584 AND 1650.

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DATE 5-25-76 — LOCATION WICHITA, KANSAS — ENGINEER LANGENBUCH