Dresser Atlas

Combination Densilog® Neutron Gamma Ray

COMPANY	GETTY OIL COMPANY
WELL	COLLINS 76-17
FIELD	WILDCAT
COUNTY	NEMAHA
STATE	NEBRASKA
Other Services	DIL, SDL, DSN-II, GR
Sec. 17	Twp. 11S	Rng. 13E
Permanent Datum: GROUND LEVEL	Elevation: 1335'
Log Measured from: KB 10.00 Ft. Above Perm. Datum	
Drilling Measured from: KB	

Date	7-8-77				
Run No.	ONE				
Depth-Driller	3933'				
Depth-Logger	3933'				
Bottom Logged Interval	3933'				
Top Logged Interval	0'				
Type Fluid in Hole	FRESH				
Salinity, PPM Cl					
Density	9.2				
Viscosity	45				
Fluid Level	FULL				
Max. Rec. Temp. °F	120°				
Equipment Number	2-1-1-1				
Location	2-1-1-1				
Recorded By	BOEHNER				
Witnessed By	MR. GOSSER				

HOLD HERE

Remarks

EQUIPMENT DATA

	DSN-II-1			DSN-II-2			DSN-II-3		
	CDL	CNDL	GR	CDL	CNDL	GR	CDL	CNDL	GR
Tool Serial No.	1202	3513	1303	2107	3133	1205			
Serial No.	2035	4348	3185	2135	2089	3155			
Diameter	5x2"	5x3"	5x3"	4x2"	5x3"	5x3"			
Det. Position		BOXEY	--	--	BOXEY	--			
Pad Serial No.	1426-1610	2653	3660	1426-1610	2653				
Left	BOXEY	BOXEY		BOXEY	BOXEY				
Source Model No.	8-2100	41-1810		8-2100	41-1810				
Serial No.	200	2328		200	2328				
Pickup Serial No.	3132	3231	3132	3132	3231	3132			
Serial No.	17702	17702	17702	17702	17702	17702			

LOGGING DATA

Run No.	Gamma Depths From	To	Speed Ft./Min.	T.C. Sec.	Density Scale	Pay	Pf	Porosity Scale	Correlation Scale	T.C. Sec.	Gamma Ray Settings	Det. Sto.	Det. L or R	API Units Det.
Compensated Densilog														
200	3933'	0'	30	0.5	2x10	2.71	1.0	0-30	30-120		0.5	372	0	30
Compensated Neutron														
200	3933'	0'	30	0.5	2x10	2.71	1.0	0-30	30-120		0.5	337	0	30
Gamma Ray														
200	3933'	0'	30								0.5	337	0	30

Operator

Run No.	Depth From	To	Speed Ft./Min.	T.C. Sec.	Scale	Sens.	Compensated Neutron Porosity		Gamma Ray Scale	Gamma Ray Sens.
4X4	1084'	0'	30	0.5TC	1X3	1X5	0	30	0-150	0-20
3X3	3933'	1084'	30	0.5TC	1X3	1X5	1.0GR/TOOL	1.0GR/TOOL	(-15) - 135	0*-20*
							1.0GR/TOOL	1.0GR/TOOL	(-15) - 135	0*-20*

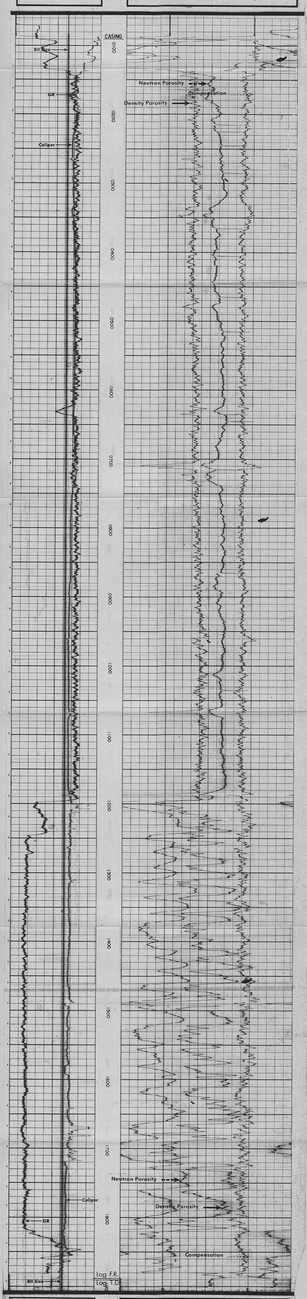
GAMMA RAY CALIPER	DEPTH	COMPENSATED DENSILOG® COMPENSATED NEUTRON

GAMMA RAY (API Units) 0 — 200

HOLE SIZE (Inches) 6" — 16" CP - 100 16 50°

DENSITY — POROSITY % Pma 2.71 Pf 1.0 (-15) 30% 15 0% (-15) 2.0

NEUTRON POROSITY % LIMESTONE LITHOLOGY 45% 30% 15 0% -15%



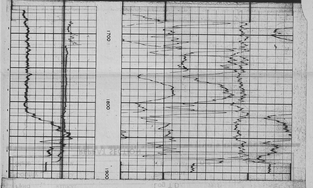
GAMMA RAY CALIPER	DEPTH	COMPENSATED DENSILOG® COMPENSATED NEUTRON

Company GETTY OIL COMPANY — Drillers T.D. 3933'

Well COLLINS 76-17 — Log F.R. 3933'

Field WILDCAT — Log T.D. 3933'

County NEMAHA — Elevations:

State NEBRASKA — K.B. 3438' D.F. --- G.L. 3430'

REPEAT SECTION