

SHALY LOG INTERPRETATIONS OF

Archivo del Pozo

Date : 25.ENE.90

LD16-21
LOBITOS

PERTINENT DATA FOR THE WELL

Total Depth	= 7782 feet	Maximum Temperature Recorded	: 148 F
Mud weight	= 12.1 lb/gal	Surface Temperature	: 70 F
Rm	= .06 ohm-m measured @ 71 F		
Rmf	= .05 ohm-m measured @ 70 F		
Rmc	= .12 ohm-m measured @ 68 F		

BASAL SALINA

PERTINENT DATA FOR THE FORMATION

Gross Interval	= 6998 - 7530 feet	Hole Diameter	= 9.5 inches
Formation Temperature	= 143 @ 7264 feet		
Rw , @ form. temper.	= .332 ohm-m	a, Archie Constant	= 1
Rwsh	= .013 ohm-m	Rsh	= 14 ohm-m
Compaction Factor	= 2	Saturation Exponent	= 1.7
Matrix Density	= 2.68 g/cm3	Fluid Density	= 1.1 g/cm3
Shale Density	= 2.6326 g/cm3	Hydrocarbon Density	= .835 g/cm3
Gamma Ray Maximum	= 90 Api U	Gamma Ray Minimum	= 22 Api U
Neutron Shale	= 21 percent	Neutron Shift	= 0 percent

Formation Density = 2.68 g/cm3
 Shaliness Cut = 50 percent Water Saturation Cut = 50 percent
 Porosity Cut = 0 percent Density porosity was utilized.

AVERAGE RESERVOIR PARAMETERS

SHALINESS CORRECTED									
Water Saturation Cut 50 %					No Water Cut				
		MD	VD			MD	VD		
Shaliness Cut 50 %		Porosity (%)	Water Sat. (%)	Thickness (ft)	Porosity (%)	Water Sat. (%)	Thickness (ft)		
Porosity Cut 6.0 %	10.1	32.0	46	43	9.2	57.8	102	97	
Porosity Cut 9.0 %	11.5	31.3	28	26	11.3	45.5	48	45	
Porosity Cut 0.0 %	9.7	32.2	50	47	7.4	70.2	162	154	

Equation No 10 was used in average water saturation values.
 Shaliness Column No 1 was used in average water saturation values.

BASAL SALINA

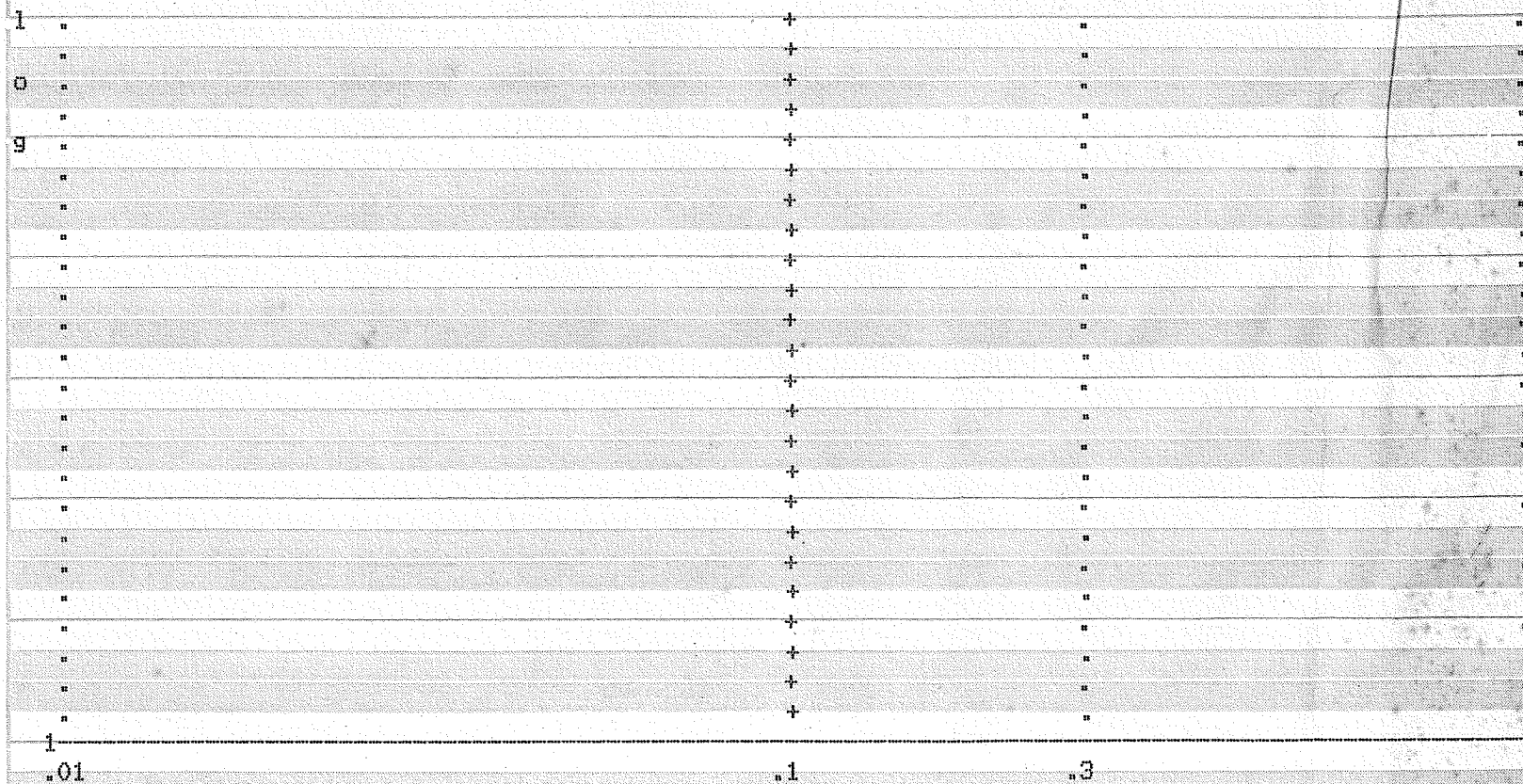
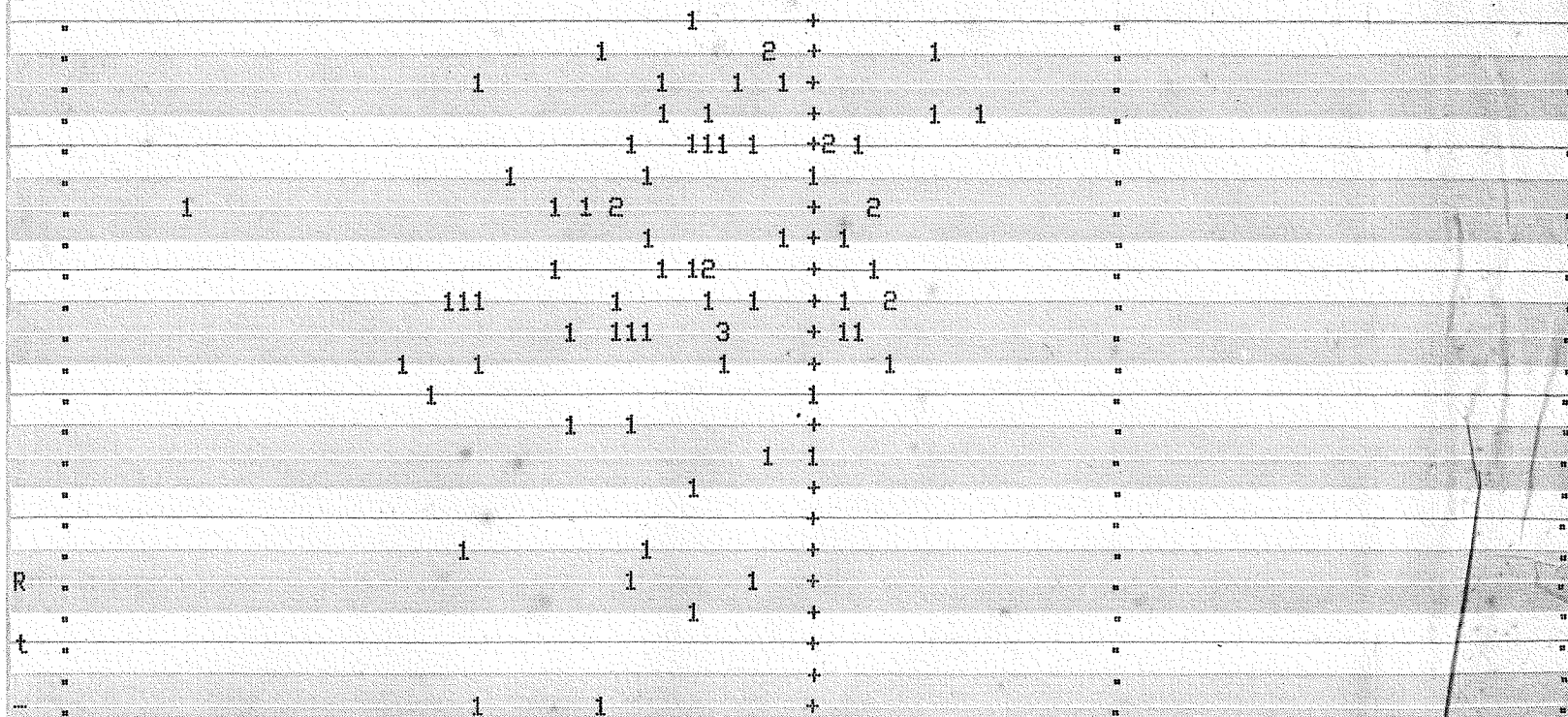
L016-21

Interval 6998 - 7530

Shaliness Cut = 50 percent

Shale Type = 1

100



Log Density Porosity (fraction) ———>

Number of points plotted = 76

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
6998	71	8.7	8.8	8.3	2.64	2.4	2.4	13.5	0	0.0
7000	47	15.5	34.6	5.7	2.58	5.8	5.8	14.7	0	0.0
7002	61	41.1	36.2	45.6	2.59	5.3	5.3	15.2	0	0.0
7004	67	29.6	21.0	25.1	2.59	5.1	5.1	16.9	0	0.0
7006	66	24.5	23.4	5.1	2.57	6.8	6.8	16.0	0	0.0
7008	67	21.9	19.6	6.3	2.60	4.5	4.5	13.8	0	0.0
7010	73	23.4	25.6	3.5	2.61	3.8	3.8	16.6	0	0.0
7012	69	26.6	24.5	22.3	2.60	4.6	4.6	18.1	0	0.0
7014	74	23.8	22.8	19.2	2.49	12.0	12.0	19.5	0	0.0
7016	68	25.7	20.5	31.6	2.61	4.3	4.3	22.3	0	0.0
7018	69	18.1	18.8	1.6	2.61	4.3	4.3	23.1	0	0.0
7020	72	25.1	16.3	2.8	2.54	8.6	8.6	21.4	0	0.0
7022	70	15.8	14.0	7.9	2.55	8.0	8.0	15.0	0	0.0
7024	48	15.2	12.4	2.4	2.58	5.9	5.9	19.1	0	0.0
7026	50	15.3	12.9	1.9	2.62	3.4	3.4	22.4	0	0.0
7028	74	15.1	13.1	4.1	2.63	3.0	3.0	21.7	0	0.0
7030	76	15.5	14.3	7.7	2.64	2.3	2.3	21.0	0	0.0
7032	69	16.7	17.5	9.9	2.62	3.7	3.7	24.3	0	0.0
7034	73	22.5	21.5	24.9	2.60	4.7	4.7	26.3	0	0.0
7036	80	17.4	15.3	5.2	2.61	3.9	3.9	24.5	0	0.0
7038	82	12.4	11.8	2.4	2.64	2.0	2.0	14.7	0	0.0
7040	48	10.1	14.0	7.6	2.62	3.6	3.6	6.7	0	0.0
7042	28	42.0	46.3	33.3	2.53	9.1	9.1	6.4	0	0.0
7044	28	68.1	54.9	27.3	2.53	8.9	8.9	7.0	0	0.0
7046	28	58.3	45.6	15.5	2.53	9.1	9.1	8.1	0	0.0
7048	29	51.5	37.0	9.1	2.51	10.3	10.3	7.8	0	0.0
7050	23	53.1	36.5	10.5	2.56	7.1	7.1	7.8	0	0.0
7052	26	52.6	34.8	15.3	2.57	6.4	6.4	6.3	0	0.0
7054	28	43.3	31.0	16.0	2.61	4.0	4.0	14.7	0	0.0
7056	80	43.5	30.4	14.7	2.63	2.8	2.8	21.2	0	0.0
7058	60	18.1	13.3	4.1	2.52	9.9	9.9	9.7	0	0.0
7060	25	13.3	15.3	4.7	2.56	7.0	7.0	7.7	0	0.0
7062	23	29.6	24.2	6.8	2.50	10.8	10.8	7.1	0	0.0
7064	27	35.5	29.3	17.9	2.56	7.2	7.2	11.3	0	0.0
7066	47	26.7	22.4	10.5	2.62	3.2	3.2	14.2	0	0.0
7068	48	22.9	20.4	5.2	2.53	8.9	8.9	18.4	0	0.0
7070	68	21.2	19.3	10.0	2.56	7.2	7.2	20.8	0	0.0
7072	66	13.2	13.3	7.3	2.60	5.0	5.0	22.4	0	0.0
7074	70	11.5	11.5	6.6	2.58	5.9	5.9	20.9	0	0.0
7076	76	23.1	21.2	1.2	2.62	3.6	3.6	19.8	0	0.0
7078	71	19.9	17.2	1.5	2.61	3.9	3.9	21.7	0	0.0
7080	79	17.1	16.9	6.3	2.64	2.5	2.5	20.6	0	0.0
7082	70	18.0	17.9	7.7	2.64	2.1	2.1	18.1	0	0.0
7084	78	19.6	20.2	8.8	2.62	3.4	3.4	23.3	0	0.0
7086	77	20.4	19.7	9.6	2.58	5.7	5.7	24.1	0	0.0
7088	71	15.2	12.6	11.8	2.61	3.9	3.9	24.2	0	0.0
7090	76	11.2	11.8	14.5	2.60	4.5	4.5	26.4	0	0.0
7092	82	11.8	11.9	4.2	2.59	5.4	5.4	22.2	0	0.0
7094	75	12.3	12.6	4.8	2.59	5.2	5.2	24.0	0	0.0
7096	76	14.8	14.4	3.2	2.61	4.3	4.3	27.1	0	0.0

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
7098	80	12.1	11.8	3.7	2.59	5.6	5.6	25.6	0	0.0
7100	83	10.4	10.4	2.8	2.62	3.7	3.7	26.2	0	0.0
7102	82	10.9	10.5	6.5	2.61	4.1	4.1	25.7	0	0.0
7104	87	11.7	11.4	4.9	2.63	2.8	2.8	25.3	0	0.0
7106	82	11.2	11.1	7.7	2.62	3.3	3.3	23.2	0	0.0
7108	78	11.3	14.1	9.0	2.63	2.9	2.9	23.6	0	0.0
7110	75	16.5	16.0	10.9	2.65	1.6	1.6	23.5	0	0.0
7112	76	15.7	16.1	25.3	2.63	2.7	2.7	19.1	0	0.0
7114	70	14.0	16.5	13.5	2.65	1.7	1.7	16.9	0	0.0
7116	70	17.8	19.9	15.4	2.65	1.6	1.6	16.9	0	0.0
7118	73	23.7	23.4	33.2	2.66	1.1	1.1	17.8	0	0.0
7120	67	25.9	27.0	24.4	2.62	3.5	3.5	17.7	0	0.0
7122	66	24.4	25.8	23.7	2.64	2.5	2.5	13.5	0	0.0
7124	61	24.7	30.7	35.7	2.66	1.0	1.0	15.6	0	0.0
7126	65	38.4	40.6	26.0	2.64	2.0	2.0	18.8	0	0.0
7128	85	24.9	25.7	65.0	2.64	1.9	1.9	20.0	0	0.0
7130	79	16.8	17.6	49.0	2.65	1.7	1.7	21.8	0	0.0
7132	83	15.2	15.8	17.0	2.64	2.4	2.4	22.5	0	0.0
7134	83	13.8	14.7	13.1	2.64	2.2	2.2	23.4	0	0.0
7136	82	14.6	15.5	17.6	2.61	4.1	4.1	22.2	0	0.0
7138	82	12.2	13.6	20.2	2.66	0.8	1.0	22.3	0	0.0
7140	77	13.4	14.5	16.3	2.62	3.2	3.2	22.1	0	0.0
7142	80	11.7	11.8	12.0	2.64	2.0	2.0	22.2	0	0.0
7144	77	11.7	12.7	13.3	2.63	2.8	2.8	21.8	0	0.0
7146	80	14.7	15.7	8.5	2.64	2.0	2.0	23.0	0	0.0
7148	80	16.5	18.6	17.0	2.64	2.2	2.2	23.6	0	0.0
7150	79	14.2	16.4	6.1	2.64	2.0	2.0	19.4	0	0.0
7152	74	14.5	17.4	18.2	2.64	2.2	2.2	18.3	0	0.0
7154	69	23.3	24.8	14.0	2.61	3.9	3.9	17.3	0	0.0
7156	64	24.5	25.6	25.6	2.63	2.9	2.9	18.3	0	0.0
7158	72	32.8	34.1	24.5	2.61	3.8	3.8	24.1	0	0.0
7160	82	25.6	33.2	21.0	2.63	2.7	2.7	22.8	0	0.0
7162	80	14.1	14.2	94.8	2.61	3.9	3.9	18.4	0	0.0
7164	60	13.8	17.4	17.7	2.60	5.0	5.0	19.2	0	0.0
7166	73	34.5	34.8	11.5	2.64	2.0	2.0	18.4	0	0.0
7168	69	19.4	17.5	38.8	2.64	2.1	2.1	15.6	0	0.0
7170	71	22.2	27.6	62.3	2.62	3.7	3.7	18.6	0	0.0
7172	68	28.7	26.2	11.0	2.63	3.0	3.0	20.6	0	0.0
7174	73	24.8	26.0	39.1	2.63	3.1	3.1	23.0	0	0.0
7176	77	21.6	19.7	16.5	2.65	1.7	1.7	23.3	0	0.0
7178	83	15.0	14.6	44.0	2.64	2.1	2.1	21.3	0	0.0
7180	81	13.1	14.2	15.8	2.63	2.9	2.9	22.5	0	0.0
7182	83	15.2	14.9	21.2	2.63	2.8	2.8	23.7	0	0.0
7184	79	14.1	13.7	11.8	2.61	3.9	3.9	21.1	0	0.0
7186	78	14.3	14.3	15.9	2.62	3.6	3.6	24.2	0	0.0
7188	84	12.3	12.2	12.6	2.64	2.2	2.2	24.7	0	0.0
7190	85	11.1	11.4	8.4	2.62	3.6	3.6	26.4	0	0.0
7192	87	10.8	11.8	9.6	2.63	2.7	2.7	23.2	0	0.0
7194	80	11.4	12.6	10.9	2.65	1.7	1.7	19.9	0	0.0
7196	73	15.3	16.5	5.3	2.65	1.7	1.7	18.8	0	0.0

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
7198	72	28.3	28.7	5.3	2.66	0.9	1.0	21.4	0	0.0
7200	78	27.0	25.9	22.8	2.64	2.0	2.0	24.3	0	0.0
7202	82	19.0	19.2	27.1	2.62	3.7	3.7	24.6	0	0.0
7204	83	16.9	16.8	23.6	2.64	2.3	2.3	23.1	0	0.0
7206	79	14.4	13.6	22.5	2.61	4.2	4.2	19.5	0	0.0
7208	67	13.2	13.0	13.2	2.63	3.0	3.0	17.8	0	0.0
7210	71	18.4	16.7	13.6	2.65	1.5	1.5	18.8	0	0.0
7212	69	19.3	19.0	11.5	2.62	3.2	3.2	19.4	0	0.0
7214	73	19.0	18.1	16.7	2.63	3.0	3.0	20.1	0	0.0
7216	66	16.4	16.6	25.4	2.62	3.4	3.4	21.4	0	0.0
7218	76	16.5	17.0	13.5	2.63	2.8	2.8	21.8	0	0.0
7220	77	14.3	14.6	14.2	2.62	3.5	3.5	20.8	0	0.0
7222	70	15.2	13.7	18.6	2.63	2.8	2.8	19.2	0	0.0
7224	68	16.6	15.0	11.8	2.63	3.1	3.1	20.9	0	0.0
7226	78	19.1	16.2	12.6	2.61	4.0	4.0	23.6	0	0.0
7228	69	16.9	13.7	13.0	2.53	8.9	8.9	25.2	0	0.0
7230	71	15.9	12.8	17.6	2.55	7.6	7.6	26.1	0	0.0
7232	72	14.7	11.2	10.6	2.55	8.2	8.2	26.9	0	0.0
7234	70	9.5	7.3	5.3	2.58	5.9	5.9	28.2	0	0.0
7236	72	8.6	6.9	1.4	2.54	8.7	8.7	29.0	0	0.0
7238	68	9.2	7.3	1.3	2.57	6.5	6.5	21.1	0	0.0
7240	67	10.8	8.1	1.3	2.55	7.7	7.7	24.3	0	0.0
7242	80	12.1	8.3	1.4	2.56	7.2	7.2	27.6	0	0.0
7244	77	10.4	7.1	1.8	2.56	7.3	7.3	29.9	0	0.0
7246	72	10.3	6.9	3.9	2.54	8.8	8.8	29.8	0	0.0
7248	70	9.1	6.1	1.5	2.52	10.1	10.1	29.5	0	0.0
7250	76	8.9	5.9	2.4	2.52	10.0	10.0	30.7	0	0.0
7252	76	9.3	5.8	1.5	2.55	8.2	8.2	28.8	0	0.0
7254	67	8.8	6.0	2.0	2.55	8.0	8.0	25.4	0	0.0
7256	67	8.7	6.2	1.7	2.57	6.8	6.8	24.7	0	0.0
7258	73	8.6	6.5	1.3	2.52	9.5	9.5	25.7	0	0.0
7260	72	9.8	7.0	2.1	2.50	10.8	10.8	25.4	0	0.0
7262	74	9.2	6.7	1.8	2.58	5.7	5.7	23.5	0	0.0
7264	76	9.8	7.3	2.0	2.57	6.5	6.5	29.9	0	0.0
7266	59	11.1	8.3	1.2	2.50	10.9	10.9	27.1	0	0.0
7268	69	12.3	8.2	1.4	2.50	10.9	10.9	25.1	0	0.0
7270	73	10.5	7.4	3.1	2.54	8.3	8.3	24.1	0	0.0
7272	61	11.5	7.5	1.6	2.57	6.5	6.5	20.3	0	0.0
7274	55	13.5	8.1	1.0	2.54	8.4	8.4	20.5	0	0.0
7276	63	9.9	7.6	1.6	2.59	5.1	5.1	17.9	0	0.0
7278	51	9.8	8.8	2.3	2.59	5.3	5.3	16.2	0	0.0
7280	71	14.6	12.9	3.0	2.66	0.8	1.0	16.0	0	0.0
7282	68	19.3	19.7	1.2	2.64	1.9	1.9	8.8	0	0.0
7284	48	34.6	34.3	3.6	2.56	7.1	7.1	2.6	0	0.0
7286	24	75.5	75.8	3.9	2.59	5.2	5.2	4.4	0	0.0
7288	25	72.2	72.3	17.5	2.62	3.7	3.7	12.0	0	0.0
7290	61	84.8	76.2	55.1	2.58	6.2	6.2	9.0	0	0.0
7292	36	60.5	56.9	21.3	2.56	7.1	7.1	3.9	0	0.0
7294	25	52.9	38.8	59.7	2.60	4.6	4.6	3.9	0	0.0
7296	24	37.1	31.4	32.4	2.62	3.3	3.3	3.5	0	0.0

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
7298	26	36.4	31.0	27.0	2.62	3.6	3.6	3.0	0	0.0
7300	27	65.4	46.3	15.4	2.54	8.6	8.6	6.5	0	0.0
7302	29	31.8	32.7	13.6	2.56	7.5	7.5	6.9	0	0.0
7304	34	26.8	27.1	24.8	2.52	10.0	10.0	7.6	0	0.0
7306	28	30.6	24.6	18.5	2.58	5.8	5.8	7.7	0	0.0
7308	33	45.5	34.8	15.4	2.52	9.9	9.9	10.8	0	0.0
7310	46	39.8	29.5	13.8	2.59	5.6	5.6	15.1	0	0.0
7312	60	26.4	24.1	12.9	2.57	6.7	6.7	8.8	0	0.0
7314	30	36.1	31.1	12.0	2.54	8.5	8.5	8.3	0	0.0
7316	28	40.9	33.9	4.0	2.57	6.8	6.8	7.5	0	0.0
7318	27	31.1	25.7	9.5	2.59	5.4	5.4	3.2	0	0.0
7320	28	33.6	32.7	10.6	2.58	6.1	6.1	2.5	0	0.0
7322	27	58.9	57.3	8.5	2.58	5.7	5.7	2.2	0	0.0
7324	27	143.9	89.7	27.3	2.53	9.3	9.3	3.1	0	0.0
7326	25	98.3	46.4	35.7	2.50	11.2	11.2	5.9	0	0.0
7328	23	46.3	26.4	33.3	2.50	10.9	10.9	8.2	0	0.0
7330	25	30.3	18.6	18.6	2.50	11.3	11.3	8.6	0	0.0
7332	26	27.8	16.3	8.3	2.48	12.6	12.6	11.0	0	0.0
7334	28	32.2	16.8	5.6	2.49	11.9	11.9	13.8	0	0.0
7336	34	29.1	13.5	7.4	2.50	10.8	10.8	13.6	0	0.0
7338	27	24.5	13.1	5.2	2.47	12.7	12.7	12.1	0	0.0
7340	25	30.0	14.5	4.1	2.48	12.5	12.5	10.8	0	0.0
7342	24	24.7	11.7	3.8	2.56	7.5	7.5	7.4	0	0.0
7344	37	26.3	17.1	3.3	2.62	3.7	3.7	11.8	0	0.0
7346	78	44.9	23.1	2.8	2.64	1.9	1.9	15.6	0	0.0
7348	58	35.3	17.2	3.6	2.57	6.7	6.7	6.6	0	0.0
7350	29	58.8	25.6	9.5	2.45	14.4	14.4	9.3	0	0.0
7352	23	50.6	19.1	7.2	2.41	16.5	16.5	13.5	0	0.0
7354	23	24.5	10.9	19.1	2.52	10.1	10.1	13.1	0	0.0
7356	30	20.6	11.0	3.6	2.58	5.8	5.8	11.9	0	0.0
7358	51	29.6	15.2	2.1	2.62	3.5	3.5	15.0	0	0.0
7360	71	40.0	21.6	2.3	2.62	3.6	3.6	16.9	0	0.0
7362	87	33.3	21.3	9.1	2.63	3.1	3.1	21.5	0	0.0
7364	78	24.9	15.9	12.1	2.61	4.0	4.0	24.6	0	0.0
7366	84	18.1	14.0	8.6	2.63	2.8	2.8	22.8	0	0.0
7368	81	14.9	11.5	5.9	2.62	3.2	3.2	15.9	0	0.0
7370	62	16.8	12.2	4.9	2.63	3.1	3.1	7.3	0	0.0
7372	34	21.6	14.8	9.5	2.60	4.7	4.7	2.5	0	0.0
7374	26	33.3	20.8	8.3	2.60	4.6	4.6	4.5	0	0.0
7376	33	29.0	17.8	2.4	2.60	4.8	4.8	4.4	0	0.0
7378	32	33.5	19.5	2.9	2.56	7.1	7.1	4.9	0	0.0
7380	27	37.4	23.4	2.4	2.58	6.0	6.0	5.1	0	0.0
7382	31	34.8	21.7	18.8	2.57	6.4	6.4	4.8	0	0.0
7384	24	47.1	27.7	15.3	2.57	6.9	6.9	5.5	0	0.0
7386	30	43.0	26.1	13.6	2.58	6.0	6.0	7.5	0	0.0
7388	45	43.6	26.5	22.1	2.49	11.9	11.9	11.7	0	0.0
7390	26	48.5	29.6	18.6	2.50	11.3	11.3	10.0	0	0.0
7392	24	28.2	17.3	4.2	2.56	7.5	7.5	5.0	0	0.0
7394	24	26.7	16.0	6.8	2.55	7.7	7.7	4.9	0	0.0
7396	23	46.5	23.7	5.6	2.51	10.7	10.7	4.5	0	0.0

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
7398	24	54.7	30.2	8.4	2.45	14.3	14.3	10.3	0	0.0
7400	25	39.7	22.0	8.9	2.49	11.9	11.9	15.3	0	0.0
7402	58	17.3	13.6	14.8	2.59	5.4	5.4	17.0	0	0.0
7404	44	29.3	26.4	9.0	2.63	2.9	2.9	13.1	0	0.0
7406	70	50.9	39.8	3.6	2.66	0.7	1.0	16.1	0	0.0
7408	64	35.2	30.5	4.6	2.67	0.1	1.0	15.9	0	0.0
7410	82	33.6	30.7	22.2	2.64	2.2	2.2	16.5	0	0.0
7412	81	30.3	31.1	25.3	2.64	2.4	2.4	18.0	0	0.0
7414	79	30.4	33.4	28.5	2.63	2.6	2.6	21.3	0	0.0
7416	85	25.6	23.4	21.5	2.65	1.5	1.5	22.7	0	0.0
7418	78	20.9	22.1	23.9	2.62	3.4	3.4	20.6	0	0.0
7420	74	24.8	24.5	21.6	2.61	3.8	3.8	21.1	0	0.0
7422	87	23.2	22.0	19.7	2.62	3.7	3.7	23.1	0	0.0
7424	85	16.4	17.5	20.3	2.62	3.5	3.5	22.2	0	0.0
7426	88	19.4	20.8	29.0	2.61	4.0	4.0	21.9	0	0.0
7428	88	19.0	19.3	19.2	2.64	2.4	2.4	18.7	0	0.0
7430	80	17.9	16.8	29.5	2.63	3.0	3.0	18.7	0	0.0
7432	78	19.7	20.6	18.8	2.63	3.1	3.1	19.9	0	0.0
7434	78	20.2	22.8	20.6	2.64	2.4	2.4	16.7	0	0.0
7436	73	21.7	25.3	19.8	2.61	4.4	4.4	8.4	0	0.0
7438	34	31.7	79.2	20.4	2.59	5.5	5.5	2.0	0	0.0
7440	31	237.0	165.6	18.0	2.55	8.2	8.2	2.7	0	0.0
7442	24	191.0	88.7	33.3	2.58	6.0	6.0	4.4	0	0.0
7444	22	55.5	59.5	45.3	2.55	7.7	7.7	5.7	0	0.0
7446	25	91.0	72.3	18.4	2.50	11.0	11.0	6.8	0	0.0
7448	23	71.9	52.1	14.8	2.57	6.9	6.9	6.9	0	0.0
7450	50	46.2	46.8	39.8	2.65	1.5	1.5	10.4	0	0.0
7452	66	47.0	40.5	16.9	2.65	1.6	1.6	15.1	0	0.0
7454	59	33.5	34.9	10.8	2.63	3.0	3.0	17.7	0	0.0
7456	80	32.4	30.2	56.2	2.62	3.6	3.6	21.8	0	0.0
7458	83	22.9	19.6	25.4	2.60	4.7	4.7	20.3	0	0.0
7460	84	16.7	17.8	23.3	2.58	6.3	6.3	11.8	0	0.0
7462	29	21.1	23.3	17.7	2.57	6.8	6.8	8.4	0	0.0
7464	31	47.6	36.2	13.9	2.54	8.4	8.4	9.9	0	0.0
7466	29	41.4	25.6	9.1	2.59	5.5	5.5	10.7	0	0.0
7468	73	27.4	25.4	16.0	2.61	4.1	4.1	19.9	0	0.0
7470	82	29.6	28.0	8.8	2.62	3.3	3.3	21.6	0	0.0
7472	85	27.0	26.9	17.0	2.63	2.9	2.9	22.9	0	0.0
7474	84	21.2	22.1	24.5	2.61	3.9	3.9	24.6	0	0.0
7476	81	19.3	17.3	32.5	2.63	2.9	2.9	23.0	0	0.0
7478	86	15.8	17.9	25.1	2.63	3.0	3.0	23.7	0	0.0
7480	84	15.9	18.3	17.5	2.64	2.3	2.3	13.0	0	0.0
7482	64	19.3	20.7	18.9	2.64	2.4	2.4	6.0	0	0.0
7484	27	67.8	57.8	18.3	2.55	7.9	7.9	7.9	0	0.0
7486	45	70.3	61.3	14.2	2.57	6.4	6.4	13.3	0	0.0
7488	39	53.7	54.2	65.1	2.60	4.9	4.9	14.6	0	0.0
7490	64	47.8	44.1	57.6	2.64	2.1	2.1	17.9	0	0.0
7492	56	38.0	38.7	41.5	2.65	1.6	1.6	16.7	0	0.0
7494	66	43.0	42.2	46.8	2.64	2.4	2.4	19.8	0	0.0
7496	75	31.0	28.9	41.9	2.63	3.1	3.1	20.5	0	0.0

***** INPUT DATA *****

DEPTH	(1) GR	(2) Rdeep	(3) Rm	(4) Rxo	(5) (Rho)l	(6) (Por)d (%)	(7) (Por)dc (%)	(8) (Por)n (%)	(9) (Delta T)l	(10) (Por)s (%)
7498	62	20.2	24.1	49.9	2.63	2.6	2.6	17.3	0	0.0
7500	77	41.2	42.4	56.3	2.61	4.0	4.0	21.6	0	0.0
7502	78	35.5	38.0	25.6	2.62	3.5	3.5	20.1	0	0.0
7504	60	21.9	23.0	41.9	2.63	3.0	3.0	20.7	0	0.0
7506	74	29.0	35.5	24.9	2.63	2.7	2.7	19.2	0	0.0
7508	62	25.7	28.4	45.3	2.61	4.0	4.0	16.7	0	0.0
7510	62	39.4	43.1	49.0	2.62	3.7	3.7	16.7	0	0.0
7512	75	41.5	47.6	37.7	2.61	4.2	4.2	20.3	0	0.0
7514	88	38.7	43.5	82.2	2.63	2.7	2.7	24.8	0	0.0
7516	81	17.7	21.5	44.8	2.62	3.4	3.4	19.4	0	0.0
7518	66	28.3	34.4	34.9	2.57	6.7	6.7	20.0	0	0.0
7520	72	30.1	36.7	22.4	2.61	4.0	4.0	20.1	0	0.0
7522	80	21.8	28.5	55.6	2.62	3.3	3.3	19.8	0	0.0
7524	86	20.7	24.2	33.1	2.62	3.2	3.2	20.2	0	0.0
7526	72	27.7	28.7	30.0	2.63	2.6	2.6	23.8	0	0.0
7528	85	26.5	23.7	15.5	2.62	3.6	3.6	25.2	0	0.0
7530	87	17.5	19.0	30.9	2.61	4.2	4.2	25.3	0	0.0

***** DIRECTIONAL SURVEY ****

DEPTH

ANGLE

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