

ATA INPUT SHEET

Well Name : L016-12 Date : 26.MAR.90

Area Name : LOBITOS

Depth Logged : 7704 ft Mud Weight : 12 lb/gal

Max Rec Temperature : 128 °F Surface Temperature : 74 °F

Rm : 0.07 ohm-m measured at 74 °F

Rmf : 0.015 ohm-m measured at 76 °F

Rnc : 0.15 ohm-m measured at 76 °F

File Name : L01612BS Number of Readings : 45

	1	2	3	4	5	6	7	8	9
	Δ ts	ϕ_n	Rhol	GR	Rt	Rxo	Rm	ϕ_d	ϕ_s
Data Input Format :	<u>0</u>	<u>6</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>3</u>	<u>5</u>	<u>0</u>

Formation Name . . . : BASAL SALINA

Gross Interval . . . : Top 6910 , Bottom 7560 ft

6910 - 6950
7100 - 7150

Hole Diameter . . . : 8.5 inches HC Density : 0.835 gr/cm3

Rw : 0.332 ohm-m measured at 143 °F

m, Compaction Fac . . : 2 n, Saturation Exp . . : 1.7

Archie Constant . . . : 1 Rsh, Shale Resis . . : 12 ohm-m

Gamma Ray : Max 90 , Min 22 Api Units

Neutron Shale Por* . . : 21 % Neutron Minimum . . . : 3 %

Neutron Shift : 0 % Maximum Porosity . . : 11 %

Shale Density : 2.6326 g/cm3 Fluid Density : 1.1 gr/cm3

Log Matrix Density : 2.68 g/cm3 Matrix Density . . . : 2.68 gr/cm3

Shale Transit Time : — msec/ft Fluid Transit Time : — msec/ft

Matrix Transit Time : — msec/ft

Cut off values, % . . : Porosity 0 , Water Sat 50 , Shaliness 50 %

Cross Plot : Shale Type 1 Shale cut-off 50 % Scales (.1-10) or (~~1-100~~)

Resistivity Logs . . : Rdeep LLD Rxo MSFL Rm LLS

* Dato obligatorio. Ingresar aún si no tiene ϕ_n . Usar datos de otro pozo ó del área.

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LOBITOS

Page 1
BASAL SALINA

* * * * * COMPACT FORM * * * * *

Shale Type = 1

Rw = .381 ohm-m (Rho)ma-f = 2.68 (Rho)ma-L = 2.68 A = 1 M = 2 N = 1.7
 Rwsh = .011 ohm-m (Rho)sh = 2.6326 Rsh = 12 (Por)n-sh = 21 % GRmax = 90 GRmin = 22

DEPTH	GR	PORi	PORd	PORe	Rd	Rt	Ty	Vclay	Vsh 0	Vsh 1	Vsh 3	SW 7	SW 9	SW 10	PERM
6910	80	9.2	8.3	11.3	5.9	7.5	2	29.2	67.2	86.0	235.4	89.8	74.0	50.4	0.000
6912	78	11.0	10.2	12.6	6.7	8.3	2	24.8	61.3	83.1	256.4	78.9	62.9	36.0	0.001
6914	52	4.0	3.8	6.2	20.3	27.3	1	5.0	12.5	44.3	147.8	87.1	83.0	66.7	0.000
6916	22	7.2	7.2	6.0	88.1	87.1	1	0.0	0.0	0.0	85.8	90.4	90.4	90.4	0.032
6918	26	4.8	4.7	8.5	50.8	59.9	1	0.4	1.0	6.1	91.7	142.9	134.0	118.0	0.000
6920	69	2.4	1.9	11.2	22.6	26.5	1	13.7	33.8	70.2	77.0	70.7	57.1	83.6	0.000
6922	74	2.6	2.0	10.7	19.2	23.6	1	18.5	45.8	77.2	84.6	69.8	57.8	77.4	0.000
6924	73	1.6	1.0	9.6	20.9	20.0	1	17.7	43.7	76.2	47.6	83.6	74.2	192.6	0.000
6926	81	1.7	0.7	8.6	27.8	26.1	0	32.3	50.1	87.6	50.1	65.7	46.3	105.2	0.000
6928	78	1.6	0.8	9.4	20.1	19.1	0	25.7	46.3	83.7	46.3	81.0	70.3	182.4	0.000
6930	85	2.3	0.8	6.9	19.9	18.9	0	46.6	80.3	92.8	80.3	75.8	62.2	98.0	0.000
6932	88	2.0	0.0	4.0	17.6	19.4	1	68.9	61.6	97.0	61.6	100.0	100.0	100.0	0.000
6934	80	2.7	1.8	9.3	20.0	23.6	1	29.3	67.3	86.0	88.5	65.5	50.7	64.1	0.000
6936	72	2.2	1.7	10.3	16.7	17.6	1	16.1	39.7	74.1	70.1	87.6	86.3	151.0	0.000
6938	75	1.0	0.4	9.1	22.0	20.8	0	19.6	17.1	78.4	17.1	83.4	69.3	339.0	0.000
6940	75	2.4	1.7	8.8	23.4	22.1	0	20.3	50.0	79.1	80.5	72.8	61.4	91.8	0.000
6942	66	1.6	1.2	8.3	29.7	30.8	1	11.3	27.9	65.5	50.9	72.5	53.5	132.0	0.000
6944	74	2.6	2.0	10.3	30.4	31.3	1	18.6	46.0	77.3	89.6	59.2	42.0	53.4	0.000
6946	87	4.2	2.2	4.6	17.1	16.3	0	66.4	90.7	96.7	117.7	73.9	53.8	48.7	0.000
6948	81	3.3	2.3	9.0	20.5	19.5	0	32.1	70.1	87.5	103.3	70.4	59.2	61.4	0.000
6950	65	1.0	0.6	10.6	22.5	23.5	1	10.5	1.1	63.7	1.1	91.6	76.6	360.5	0.000
7100	82	2.7	1.5	8.3	17.1	18.3	1	36.7	74.2	89.6	94.1	75.6	64.9	85.4	0.000
7102	87	2.4	0.3	4.1	19.0	19.9	1	68.1	80.1	96.9	80.1	74.1	56.7	82.0	0.000
7104	85	2.4	0.9	6.7	18.7	20.5	1	48.0	82.1	93.2	84.2	71.7	56.0	82.6	0.000
7106	83	1.6	0.4	7.7	22.6	23.5	1	38.9	46.3	90.4	46.3	69.8	50.7	126.2	0.000
7108	84	1.2	0.0	7.1	25.7	26.6	1	43.1	31.0	91.8	31.0	100.0	100.0	100.0	0.000
7110	70	3.8	3.3	9.8	23.7	24.7	1	14.6	36.0	71.8	110.5	65.8	56.2	47.1	0.000
7112	36	7.1	7.0	8.6	25.8	26.7	1	1.8	4.4	21.5	106.9	104.2	106.9	68.1	0.001
7114	38	4.3	4.2	8.0	34.9	35.7	1	2.1	5.2	24.5	106.2	111.7	105.0	83.8	0.000
7116	61	4.4	4.1	8.7	29.5	30.4	1	8.3	20.5	57.5	140.9	65.0	55.3	38.3	0.000
7118	42	4.5	4.4	9.4	40.1	40.8	1	2.8	6.9	30.2	100.9	87.1	75.8	53.2	0.000
7120	64	5.3	4.9	9.6	26.9	27.8	1	10.3	25.5	63.2	192.9	60.5	52.1	29.6	0.000
7122	66	6.3	5.9	12.2	22.3	23.2	1	11.0	27.2	64.8	227.8	62.1	56.4	28.7	0.000
7124	74	5.8	5.2	11.9	20.4	21.3	1	17.9	44.2	76.4	207.3	61.1	52.4	29.3	0.000
7126	65	4.3	3.9	12.4	21.8	22.7	1	10.7	26.4	64.1	149.8	72.2	67.5	50.9	0.000
7128	65	4.5	4.1	8.1	20.9	21.8	1	10.6	26.2	63.9	117.7	73.1	69.7	50.6	0.000
7130	26	5.7	5.6	5.5	44.4	45.0	1	0.4	1.1	6.3	74.9	141.9	138.3	118.7	0.001
7132	60	4.4	4.1	9.7	47.3	47.8	1	7.8	19.4	56.0	102.9	50.8	35.1	21.8	0.000
7134	80	4.8	3.9	10.0	17.7	18.5	1	29.2	67.2	86.0	136.1	66.5	55.3	39.6	0.000
7136	86	5.1	3.3	6.1	13.3	14.1	1	57.0	86.8	95.1	129.3	76.1	56.2	45.9	0.000
7138	84	3.2	1.9	7.8	15.7	16.6	1	41.3	77.7	91.2	104.3	77.2	67.6	75.0	0.000
7140	85	3.2	1.7	7.1	14.2	15.0	1	46.9	81.4	92.9	104.9	81.8	73.9	83.4	0.000
7142	83	3.4	2.2	8.4	13.8	15.2	1	37.2	74.6	89.8	107.0	80.6	74.2	78.9	0.000
7144	76	2.9	2.2	10.3	15.7	16.6	1	21.9	54.0	80.6	97.1	82.2	80.0	100.1	0.000
7146	80	3.3	2.4	9.5	16.4	17.2	1	29.1	67.1	85.9	105.9	76.0	68.9	73.6	0.000
7148	75	2.5	1.8	10.2	19.8	20.7	1	20.4	50.4	79.2	87.6	75.1	65.7	94.2	0.000
7150	72	1.9	1.4	10.7	22.0	22.9	1	16.5	40.8	74.7	57.8	76.1	63.9	129.9	0.000

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LOBITOS

BASAL SALINA

Por Cut = 6 %

***** NET SAND COUNT *****
Sw Cut = 50 %

Shale Cut = 50 %

Rw = .381 ohm-m (Rho)ma-f = 2.68 (Rho)ma-L = 2.68 A = 1 M = 2 N = 1.7
Rwsh = .011 ohm-m (Rho)sh = 2.6326 Rsh = 12 (Por)n-sh = 21 % GRmax = 90 GRmin = 22

DEPTH (Por)d (Por)e Rt Ty Vclay Vshal Ty Perm (Sw) 10

NO NET PAY