Schlumberger
Synergetic Log Systems

Computer Processed Interpretation

SARABAND
A Sandstone Analysis

Using the following logs:
DIL, BHC, FDC-CNL

COMPANY U.S. BUREAU OF RECLAMATION
WELL MESA NO. 31-1
FIELD MESA ANOMALY
COUNTY IMPERIAL STATE CALIFORNIA
DATE 7-7-74 RUN NO. ONE
LOCATION
ELEV. KB DF GL

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

FOLD HERE

GL03106 -1of10

GL03106
FILE_CAB_16_DRAWER_2

Reproduced By
Electrical Log Services
Midland, Texas 79701

ELSI ®

REFERENCE K 3525J

13 COMPLETION RECORD

SPUD DATE
COMP DATE
DST RECORD
API NO.
CASING RECORD
PERFORATING RECORD
ACID. FRAC SHOT
IP
GOR GR
TP CP
REMARKS:

This SYNERGETIC LOG presentation was computed using
SARABAND — A Sandstone Analysis.

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.

Field Recording	Engineer: AGUILAR	Truck No: 5614	Location: LONG BEACH	TTR No:
Office Recording	Comp. Center: HLIC	Program No: J	Analyst: BEST	Job No: L-2452
Mud Measurements	Rm = 2.88 @ 120 °F	Rmf 2.88 @ 100 °F	BHT = 263 °F	Bit Size 10.625

COMPUTATION PARAMETERS

Depth Interval From	Depth Interval To	Rw@FT	Ømax	ØN-clay	ØD-clay	ØN-sho	ρma	CWSP	ROP	GR sd (min)	GR sd (max)	GR sh
6186	5820	1.	.28	.42	.095	.23	2.65	24.	.7	43.	56.	118.
5820	4312	1.2	.29	.44	.14	.24	2.65	22	.7	44.	54	113
4312	3330	0.8	.32	.45	.19	.27	2.65	40	.7	41.	56	114
3330	1910	0.7	.34	.48	.21	.31	2.65	53	.7	41.	56	112
1910	1020	1.2	.35	.51	.25	.32	2.65	23	.7	50.	58	111

Remarks

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DEPTH	FORMATION CHARACTERISTICS	HYDROCARBON ANALYSIS	POROSITY ANALYSIS % OF BULK VOL.	BULK VOL. ANALYSIS % OF BULK VOL.
	Shale 0 (% Bulk Volume) 100 Permeability Index 10³ 10² 10 1	WATER SALINITY 316 PPM 100000 Hydrocarbon Volume (ϕ · Shyr) 0 .25 Hydrocarbon Weight (ϕ · Shyr · Phy) 0 .25 Caliper (—) Bit Size −4 0 inches 12	Hydrocarbon Moved Water 50 % 0 50 Ø CORE 0	Clay Matrix Porosity 100 0

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WELL MESA NO. 31-1
FIELD MESA ANOMALY
COUNTY IMPERIAL STATE CALIFORNIA

SWS-1918-B