Appendix A
of Rio Bravo Oil Co.
E.W. Brown, Jr. #1

COMPANY: Rio Bravo Oil Company
WELL: E.W. Brown, Jr. #1
FIELD: Wildcat
COUNTY: Orange
STATE: Texas

Schlumberger
Formation Density Compensated
Dual Induction - SFL
One Inch Correlation Log

COUNTY: Orange
Field: Wildcat
Location: 412 2/3' FSL & 590.0' FWL
Well: E.W. Brown, Jr. #1
Company: Rio Bravo Oil Company

LOCATION
Other Services: Dual Induction - SFL; Compensated Neutron
Sec. 46; Blk. 0; Survey: H.T. & B.R.R.Co.
API Serial No.: 42-361-30009
County: Orange; State: Texas

Permanent Datum:	Ground Level	Elevation: 0 ft above Perm. Datum
Log Measured From:	Kelly Bushing	18 ft above Perm. Datum
Drilling Measured From:	Kelly Bushing	

Date	10-Mar-2002		
Run Number	One		
Depth-Driller	1200 ft		
Depth-Logger	1198 ft		
Bottom Logged Interval	1196 ft		
Top Log Interval	0 ft		
Casing - Driller	8 5/8 @ 0 ft		
Casing - Logger	8 5/8 @ 0 ft		
Bit Size	7 7/8 in		
Type Fluid in Hole	Brine		
Density	9.0 lb/gal		
Viscosity	28 s		
Fluid Loss	8.0 cc		
Source of Sample	Flowline		
Rm @ Meas. Temp.	0.0 @ 0.0 F		
Rmf @ Meas. Temp.	0.0 @ 0.0 F		
Rmc @ Meas. Temp.	0.0 @ 0.0 F		
Source: Rmf / Rmc	Measured / Measured		
Rm @ BHT	0.0 @ 0.0 F		
Max. Rec. Temp.	0.0 F		
Equipment - Location	7 - Orange		
Recorded By	Hoover		
Witnessed By	Mr. Bryant		

Run	Bit Size	Casing Size	Casing Depth	Top Log Int.	Density	Viscosity	Rm @ Meas. Temp.	Rmf @ Meas. Temp.	Rmc @ Meas. Temp.	Source Rmf / Rmc	Rm @ BHT
One	7 7/8	8 5/8 @ 0	0	0	9.0	28	0.0 @ 0.0 F	0.0 @ 0.0 F	0.0 @ 0.0 F	Measured / Measured	0.0 @ 0.0 F

Run	Max. Rec. Temp.	Equipment - Location	Recorded By	Witnessed By
One	0.0 F	7 - Orange	Hoover	Mr. Bryant

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 INTERPRETATION, AND WE SHALL NOT 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 SUBJECT TO OUR GENERAL CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

OTHER SERVICES FOR RUN 1	OTHER SERVICES FOR RUN 2
DESIGNT 1	DESIGNT 1
DESIGNT 2	DESIGNT 2
DESIGNT 3	DESIGNT 3
DESIGNT 4	DESIGNT 4
DESIGNT 5	DESIGNT 5
REMARK: RUN NUMBER 1	REMARK: RUN NUMBER 2

Thank you for using Schlumberger.

Bottom Hole Location: South 0 Degrees, 41 minutes, 1093 feet.

RUN 1			RUN 2		
SERVICE ORDER #		SMART	SERVICE ORDER #		
PROGRAM VERSION		ACT (ref)	PROGRAM VERSION		
FLUID LEVEL		0 ft	FLUID LEVEL		
LOGGING INTERVAL	START	STOP	LOGGING INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1 / RUN 2

SURFACE EQUIPMENT
TCM AB 557 — NCT B 1
SCR AB 1 — SCR AB 1
NCS TB — TCM AB 557
CNB AB 1338

DOWNHOLE EQUIPMENT

TCC B — 64.3
ECH AC 1323 — DTB sfety
TCC B 604 — TEL CART — 61.3
SGT-L — Gamma Ray — 60.4 — 61.3
SGH K 688
SGD SA 1 8
SGD LNB 2214

CNT-H — 55.8
CNC HN 114
CNH HN 114
NDH P 2032
NPH WF
BOW SPR 1 — CFTC — 51.4
CNTC — 50.9

LDT-D — 48.6
DPB C 4987
TCC E 604
PDS HC 1 464
PDS D 2520
PDH C 2124
PDH L 2623

Caliper — 33.9
LS — 33.5
SS — 33.3

DIT-E — 31.2
DIS HB 365
DIC TB 563
MIN ZA 563

SP — 10.3
Deep Ind — 9.5

Aux Meas SFL — 8.5
Med Ind — 8.0

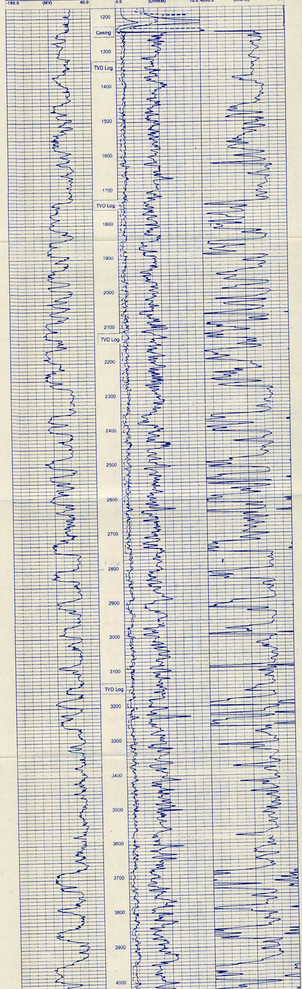
Tied Meas Cable Tension — 0.0
TOOL ZERO

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

GP System Version: ACI-045

Input DLIS Files

DEFAULT	DCTE	.006	FIELD	10-MAR-2002 22:00	8705.5 FT	1189.5 FT

Integrated Hole/Cement Volume Summary

Hole volume = 1287.34 ft3
Computed from 8405.5 ft to 1238.0 ft using data channel(s): CALI