

REPORT NO.
139362

PAGE NO. 1

TEST DATE:
04-NOV-1995

S T A R

Schlumberger Testing Data Report

Schlumberger

Pressure Data Report

COMPANY: GREAT WESTERN ONSHORE INC.		WELL: NEW MEXICO STATE "15" #1																																								
TEST IDENTIFICATION Test Type OPEN HOLE DST Test No. TWO Formation DEVONIAN Test Interval (ft) 11935 to 12125 Depth Reference GL		WELL LOCATION Field WILDCAT County LEA State NEW MEXICO Sec/Twn/Rng 15/11e/38e Elevation (ft) 3887																																								
HOLE CONDITIONS Total Depth (MD/TVD) (ft) 12125 Hole Size (in) 7.875 Casing/Liner I.D. (in) 8.625 @ 4450' Perf'd Interval/Net Pay (ft) .. / 26 Shot Density/Diameter (in) ...		MUD PROPERTIES Mud Type F/W STARCH-GEL Mud Weight (lb/gal) 9.2 Mud Resistivity (ohm.m) Filtrate Resistivity (ohm.m) .. 0.443 @ 80F Filtrate Chlorides (ppm) 12500																																								
INITIAL TEST CONDITIONS Initial Hydrostatic (psi) Gas Cushion Type Surface Pressure (psi) Liquid Cushion Type FRESH WATER Cushion Length (ft) 2500		TEST STRING CONFIGURATION Pipe Length (ft)/I.D. (in) ... 11418 / 3.826 Collar Length (ft)/I.D. (in) .. 646 / 2.250 Packer Depths (ft) 11930, 11935, Bottomhole Choke Size (in) ... 0.94 Gauge Depth (ft)/Type 11915/SB-20394																																								
NET PIPE RECOVERY <table border="1"><thead><tr><th>Volume</th><th>Fluid Type</th><th>Properties</th></tr></thead><tbody><tr><td>2500 ft</td><td>F/W CUSHION</td><td></td></tr><tr><td>1250 ft</td><td>DRLG. MUD</td><td>Rw 0.423@70F 15000ppm</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>		Volume	Fluid Type	Properties	2500 ft	F/W CUSHION		1250 ft	DRLG. MUD	Rw 0.423@70F 15000ppm										NET SAMPLE CHAMBER RECOVERY <table border="1"><thead><tr><th>Volume</th><th>Fluid Type</th><th>Properties</th></tr></thead><tbody><tr><td>0 cuft</td><td>Gas</td><td></td></tr><tr><td>0 cc</td><td>Oil</td><td></td></tr><tr><td>0 cc</td><td>Water</td><td></td></tr><tr><td>1800 cc</td><td>Mud</td><td>Rw 0.423@70F 15000p</td></tr><tr><td colspan="2">Pressure: 40</td><td>GOR: 0</td></tr><tr><td colspan="2"></td><td>GLR: 0</td></tr></tbody></table>		Volume	Fluid Type	Properties	0 cuft	Gas		0 cc	Oil		0 cc	Water		1800 cc	Mud	Rw 0.423@70F 15000p	Pressure: 40		GOR: 0			GLR: 0
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INTERPRETATION RESULTS Model of Behavior Fluid Type Used for Analysis .. Reservoir Pressure (psi) Transmissibility (md.ft/cp) .. Effective Permeability (md) .. Skin Factor/Damage Ratio Storativity Ratio, Omega Interporos.Flow Coef..Lambda.. Distance to an Anomaly (ft) .. Radius of Investigation (ft) .. Potentiometric Surface (ft) ..		ROCK/FLUID/WELLBORE PROPERTIES Oil Density (deg. API) Basic Solids (%) Gas Gravity GOR (scf/STB) Water Cut (%) Viscosity (cp) Total Compressibility (1/psi).. Porosity (%) 12 Reservoir Temperature (F) 171 Form.Vol.Factor (bbl/STB)																																								

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

This on bottom conventional D.S.T. of the Devonian formation (12125'-11935') was not a success. The packer seat failed immediately upon opening the tool, despite a second attempt with additional weight applied to the packers. Recovered was the fresh water cushion, along with 1250' of drilling mud. If you have any questions regarding this report please call (505) 393-4107. Thank you for using Schlumberger.

WELL TEST INTERPRETATION REPORT #:139362		PAGE: 2.
CLIENT : GREAT WESTERN ONSHORE INC.		6-NOV-95
REGION :CSD	SEQUENCE OF EVENTS	FIELD:WILDCAT
DISTRICT:HOBBS		ZONE :DEVONIAN
BASE :MIDLAND TX.		WELL :NEW MEXICO STA
ENGINEER:KIRK BEASLEY		LOCATION:15/11-38

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
=====					
11-NOV		CENTRAL STANDARD TIME OPEN TO 1/8" BUBBLE HOSE			
	10:10	HYDROSTATIC MUD	0		
	10:12	SET PACKERS WITH/30.000*	2		
	10:13	SEAT FAILED	3		
	10:21	RE-SET PACKER WITH/45.000*	11		
	10:24	SEAT FAILED	14		
	10:27	PULL LOOSE	17		
	10:28	HYDROSTATIC MUD PULL TO FLUID	18		

GREAT WESTERN ONSHORE INC.
NEW MEXICO STATE "15" #1
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEP'
	SURFACE FLOWHEAD				0
	DRILL PIPE	4.50	3.826	11418	1141
	DRILL COLLARS	6.25	2.250	309.3	11727
	PUMPOUT DISK REVERSING VALVE	6.25	3.250	1.000	11728
	DRILL COLLARS	6.25	2.250	82.44	11810
	BREAKOFF PIN REVERSING VALVE	6.25	3.000	0.920	11811
	DRILL COLLARS	6.25	2.250	83.63	11895
	CROSS OVER SUBS	6.00	2.250	0.690	11895
	MFE (MFEV-B)	5.00	0.940	9.830	11905
	MFE OH BYPASS (MBYP-B)	5.00	1.180	2.980	11908
	INSIDE RECORDER CARRIER	4.88	1.250	5.910	11914
	TR HYDRAULIC JAR (FJAR-B)	4.75	1.880	7.000	11921
	Safety Joint (SAJ-BA)	4.75	2.500	1.980	11923
	BOB TAIL PACKER	7.00	1.500	6.100	11929
	BOB TAIL PACKER	7.00	1.500	5.220	1193
	PERFORATED ANCHOR	4.75	2.250	10.44	11945
	CROSS OVER SUBS	6.00	2.750	0.720	11946
	DRILL COLLARS	6.25	2.250	171.1	12117
	DOUBLE PIN CROSS OVER SUB	5.75	2.000	0.590	12117
	PERFORATED ANCHOR	4.75	2.250	1.000	12118
	J-200 RECORDER CARRIER	5.50	2.250	6.150	1212

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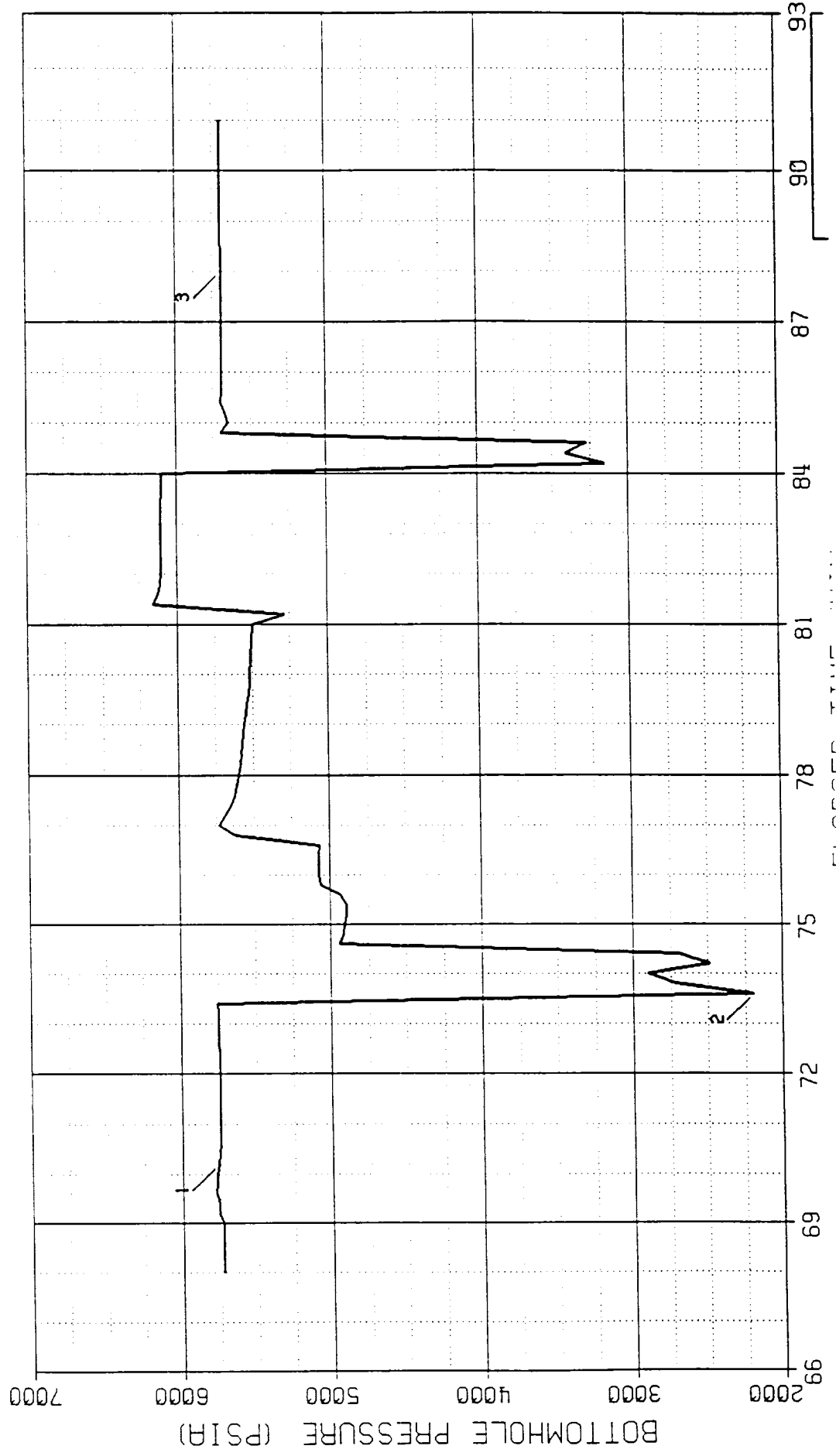
Note: All Depths to Bottom of Tool

Schlumber

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 139362 COMPANY : GREAT WESTERN ONSHORE INC.
INSTRUMENT NO. 20394 WELL : NEW MEXICO STATE "15" #1

DEPTH : 11915 FT
CAPACITY : 7514 PSI
PORT OPENING : INSIDE
Electronic Pressure Data



BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 139362

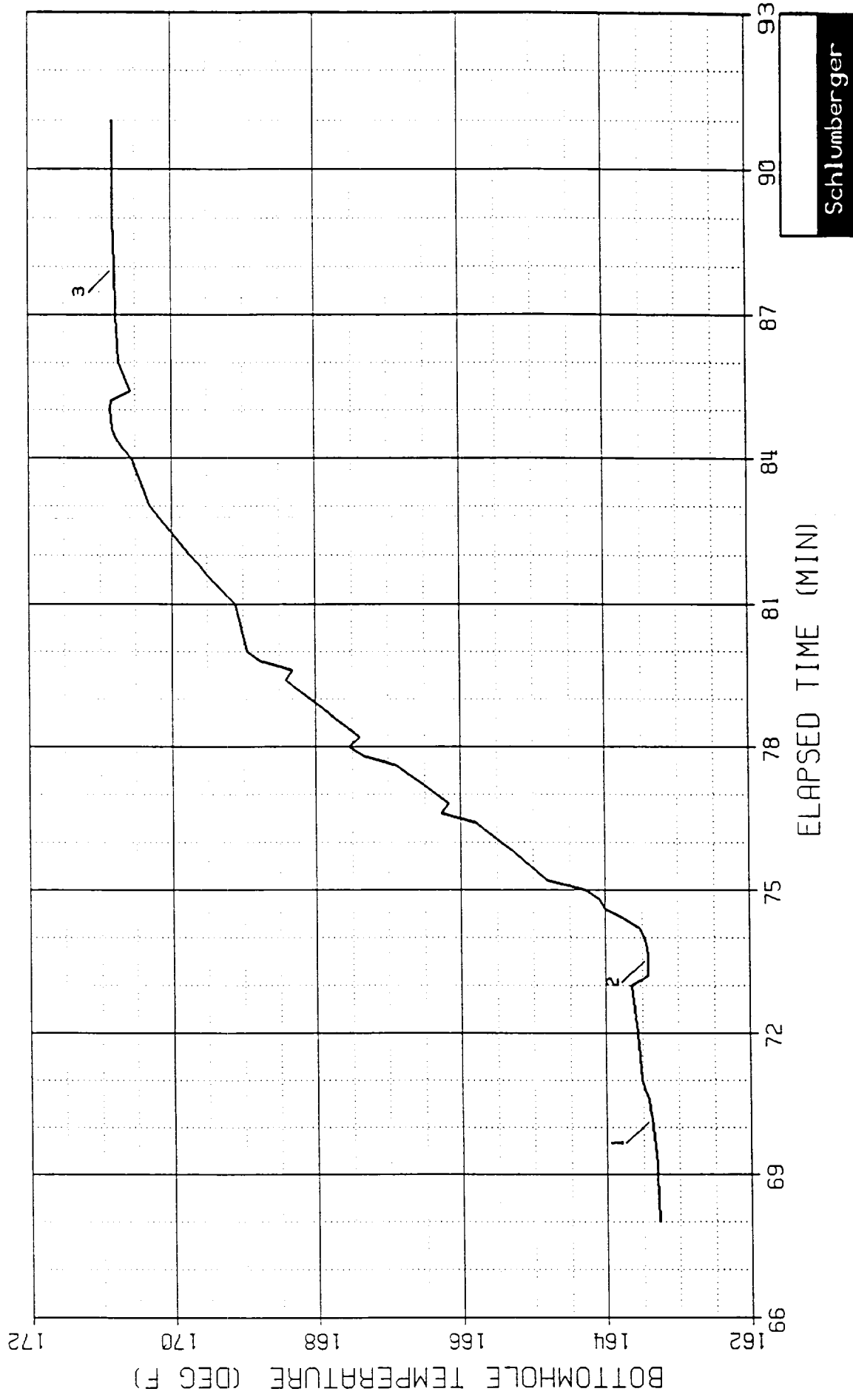
COMPANY : GREAT WESTERN ONSHORE INC.

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 ** WELL TEST DATA PRINTOUT **

COMPANY: GREAT WESTERN ONSHORE INC.
 WELL: NEW MEXICO STATE "15" #1

FIELD REPORT NO. 139362
 INSTRUMENT NO. 20394

RECORDER CAPACITY: 7514 PSI PORT OPENING: INSIDE DEPTH: 11915 FT

LABEL POINT INFORMATION

	TIME OF DAY	DATE		ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
#	HH:MM:SS	DD-MMM	EXPLANATION			
1	10:10:12	4-NOV	HYDROSTATIC MUD	70.20	5763.15	163.37
2	10:13:36	4-NOV	SEAT FAILED	73.60	2192.05	163.41
3	10:28:00	4-NOV	HYDROSTATIC MUD	88.00	5696.08	170.79

WELL TEST INTERPRETATION REPORT #:139362		PAGE: 12,
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REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:WILDCAT
DISTRICT:HOBBS		ZONE :DEVONIAN
BASE :MIDLAND TX.		WELL :NEW MEXICO STA
ENGINEER:KIRK BEASLEY		LOCATION:15/11s/38e

SCHLUMBERGER has sent copies of this report to the following:

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