

REPORT NO.

139359

PAGE NO. 1

S T A R

Schlumberger Testing Data Report

Schlumberger

TEST DATE:

26-OCT-1995

Pressure Data Report

COMPANY: ANSON CORPORATION

WELL: Mr. WILSON 33-1

TEST IDENTIFICATION

Test Type OPEN HOLE DST
 Test No. ONE
 Formation LOWER WOLFCAMP
 Test Interval (ft) 10757 to 10842
 Depth Reference KB

WELL LOCATION

Field N.W. LOVINGTON
 County LEA
 State NEW MEXICO
 Sec/Twn/Rng 31-15S-37E
 Elevation (ft)

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 10842/10842
 Hole Size (in) 7.875
 Casing/Liner I.D. (in) 8.625"
 Perf'd Interval/Net Pay (ft) .. / 53
 Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type PAC/PLUS
 Mud Weight (lb/gal) 8.8
 Mud Resistivity (ohm.m)
 Filtrate Resistivity (ohm.m) .. 8.478 @ 75F
 Filtrate Chlorides (ppm) 600

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 4927.88
 Gas Cushion Type
 Surface Pressure (psi)
 Liquid Cushion Type
 Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 9995 / 3.826
 Collar Length (ft)/I.D. (in) .. 781 / 2.250
 Packer Depths (ft) 10751, 10757,
 Bottomhole Choke Size (in) ... 1.000
 Gauge Depth (ft)/Type 10773/SB-20394

NET PIPE RECOVERY

Volume	Fluid Type	Properties
70 ft	G&W CUT MUD	Rw0.162@60F 50000ppm
5236 ft	GAS CUT H2O	Rw0.105@60F 82000ppm
5236 ft	GAS CUT H2O	Rw0.099@60F 88000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
.4 cuft	Gas	
2450 cc	Water	Rw0.099@60F 88000pp
Pressure: 650		GOR: 0
		GLR: 26

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 (%) 8
 Reservoir Temperature (F) 165
 Form.Val.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

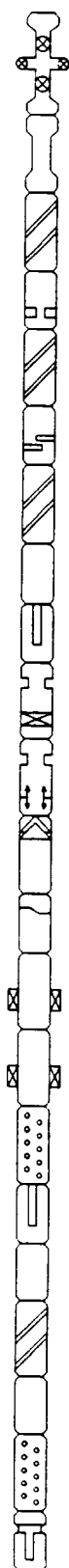
COMMENTS:

This is Drill Stem Test Number One. The Lower Wolfcamp formation was tested from 10757' to 10842'. The interval produced 146 barrels of water. The properties of the fluid are Cl=88,000; Rw=.099 @ 60 Deg. The inside/above recovery recorder indicated that there were no pipe leaks. For any questions about this test please call the Hobbs testing district at (505) 393-4107. Thank you for using Schlumberger.

WELL TEST INTERPRETATION REPORT #:139359		PAGE: 2,
CLIENT : ANSON CORPORATION		29-OCT-95
REGION :CSD	SEQUENCE OF EVENTS	FIELD:N.W. LOVINGTON
DISTRICT:HOBBS		ZONE :LOWER WOLFCAMP
BASE :MIDLAND		WELL :WILSON 33-1
ENGINEER:KIRK BEASLEY		LOCATION:31-1SS-37E

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
26-OCT		OPEN TO BUBBLE HOSE ONLY			
	13:43	HYDROSTATIC MUD	-6	4928	
	13:45	SET PACKER	-4		
	13:49	START FLOW	0	2466	
	13:50	BOTTOM OF BUCKET	1		
	13:51	PRESSURE INCREASING	2		1*
	13:55		6		3*
	14:00		11		5*
	14:03	END FLOW & START SHUT-IN BLEW-DOWN TO PIT	14	3323	7.5*
	14:35	END SHUT-IN	46	4869	0*
	14:37	START FLOW	48	3685	
	14:38	BOTTOM OF BUCKET	49		
	14:40	PRESSURE INCREASING	51		1*
	14:45		56		3.5*
	15:00		71		15*
	15:10	MAXIMUM SURFACE PRESSURE	81		18*
	15:20	FLOW DYING	91		6*
	15:30	BUBBLE BUCKET MEASUREMENT	101		1"
	15:37	END FLOW & START SHUT-IN	108	4865	0"
	17:37	END SHUT-IN	228	4870	
	17:43	HYDROSTATIC MUD	234	4904	

ANSON CORPORATION
Mr. WILSON 33-1
TOOL STRING SCHEMATIC



TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
SURFACE FLOWHEAD				0
DRILL PIPE (16.6#)	4.50	3.826	9995.	9995
DRILL COLLARS	6.00	2.250	533.0	10528
PUMPOUT DISK REVERSING VALVE	6.25	3.250	1.000	10529
DRILL COLLARS	6.00	2.250	93.89	10622.89
BREAKOFF PIN REVERSING VALVE	6.25	3.000	0.920	10623.81
DRILL COLLARS	6.00	2.250	93.14	10716.95
CROSS OVER SUB	6.00	2.500	0.690	10717.64
INSIDE RECORDER CARRIER	4.88	1.25	5.910	10723.55
MFE (MFEV-B)	5.00	1.000	9.830	10733.38
MFE OH BYPASS (MBYP-B)	5.00	1.000	2.980	10736.36
TR HYDRAULIC JAR (FJAR-B)	4.75	1.880	7.000	10743.36
SAFETY JOINT (SAJ-BA)	4.75	2.500	1.980	10745.34
BOB TAIL PACKER	7.00	1.500	6.100	10751.44
BOB TAIL PACKER	7.00	1.500	5.560	10757
PERFORATED ANCHOR	4.75	2.250	9.660	10766.66
INSIDE RECORDER CARRIER	4.88	1.500	5.910	10772.57
CROSS OVER SUB	6.00	2.750	0.720	10773.29
DRILL COLLARS	6.25	2.250	60.93	10834.22
CROSS OVER SUB	6.00	2.500	0.630	10834.85
PERFORATED ANCHOR	4.75	2.25	1.000	10835.85
OUTSIDE RECORDER CARRIER	5.50	1.500	6.150	10842

Report Number: 139359

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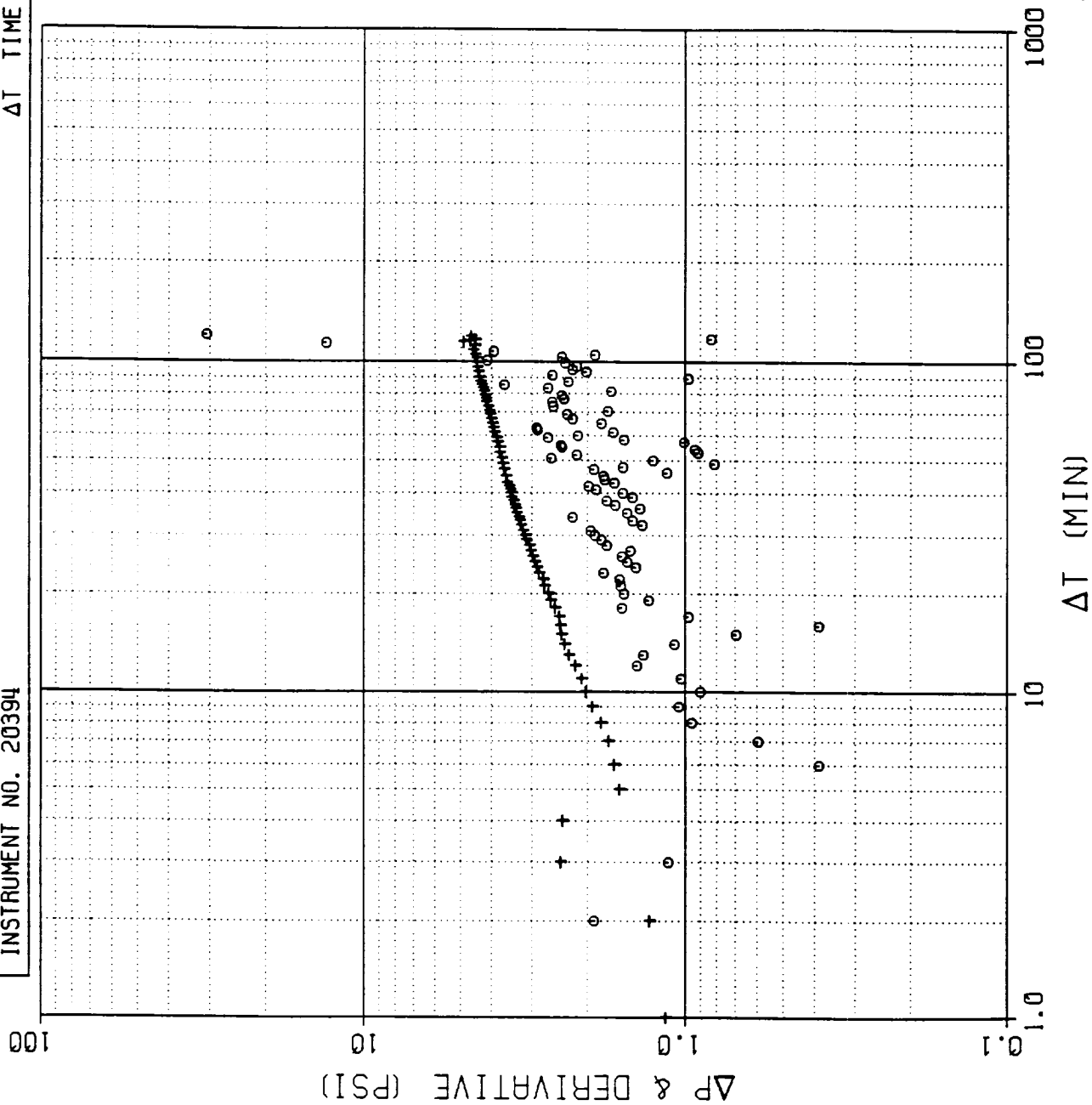
Note: All Depths to Bottom of Tool

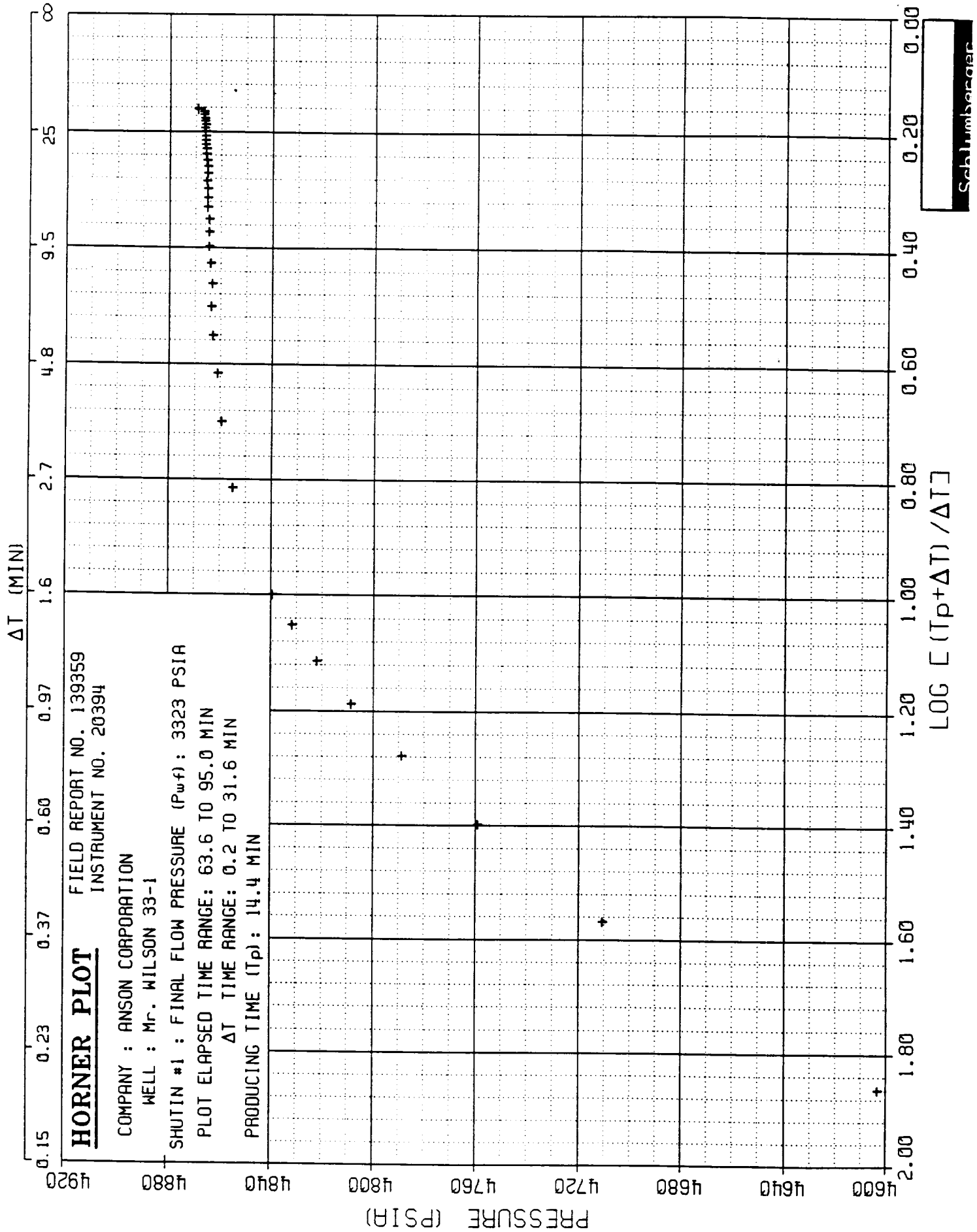
Schlumberger

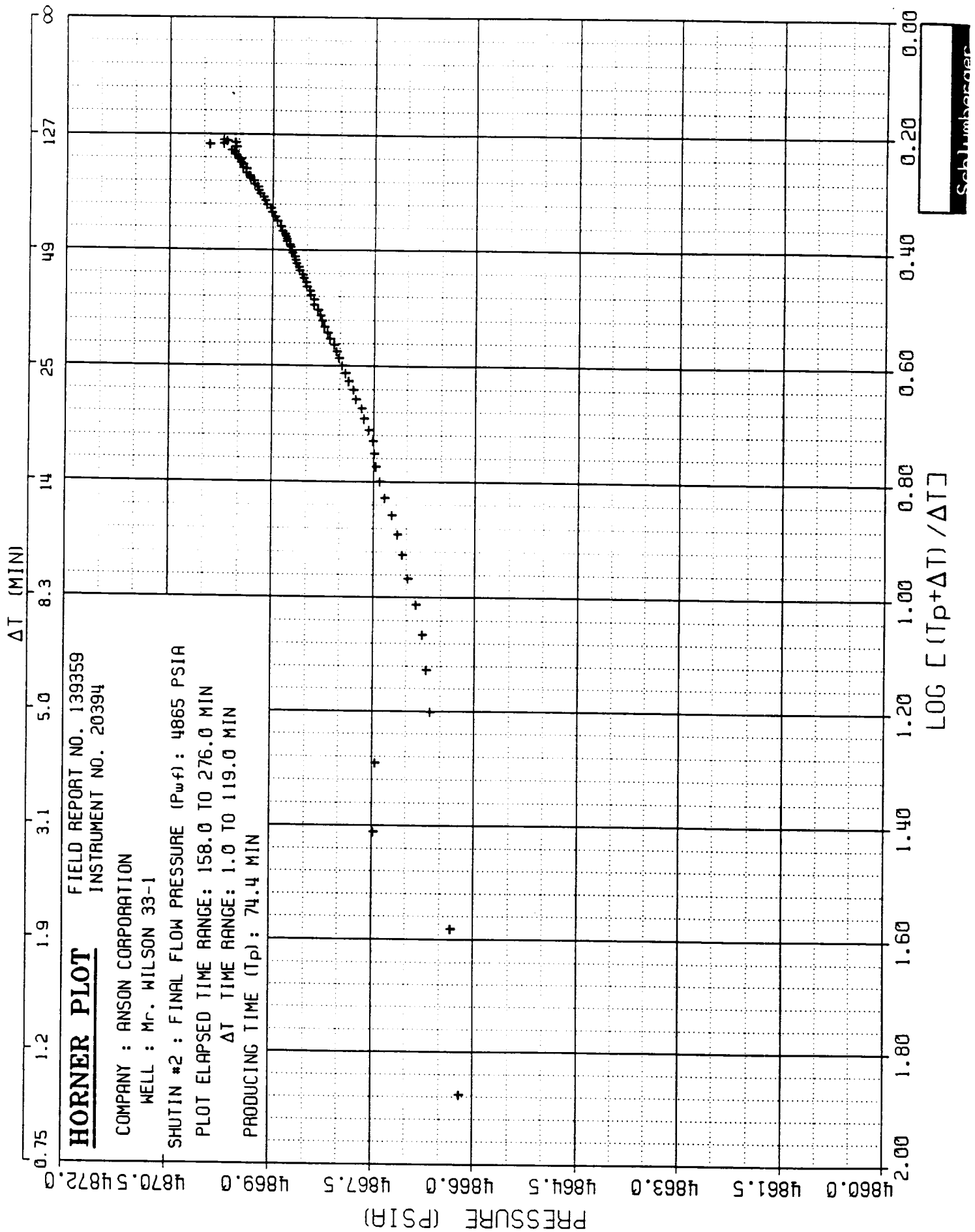
LOG LOG PLOT

COMPANY : ANSON CORPORATION
WELL : Mr. WILSON 33-1
FIELD REPORT NO. 139359
INSTRUMENT NO. 20394

SHUTIN #2 : PRODUCING TIME (Tp) : 74.4 MIN
FINAL FLOW PRESSURE (Pwf) : 4865 PSIA
PLOT ELAPSED TIME RANGE: 158.0 TO 276.0 MIN
 ΔT TIME RANGE: 1.0 TO 119.0 MIN







BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 139359

COMPANY : ANSON CORPORATION

INSTRUMENT NO. 20394

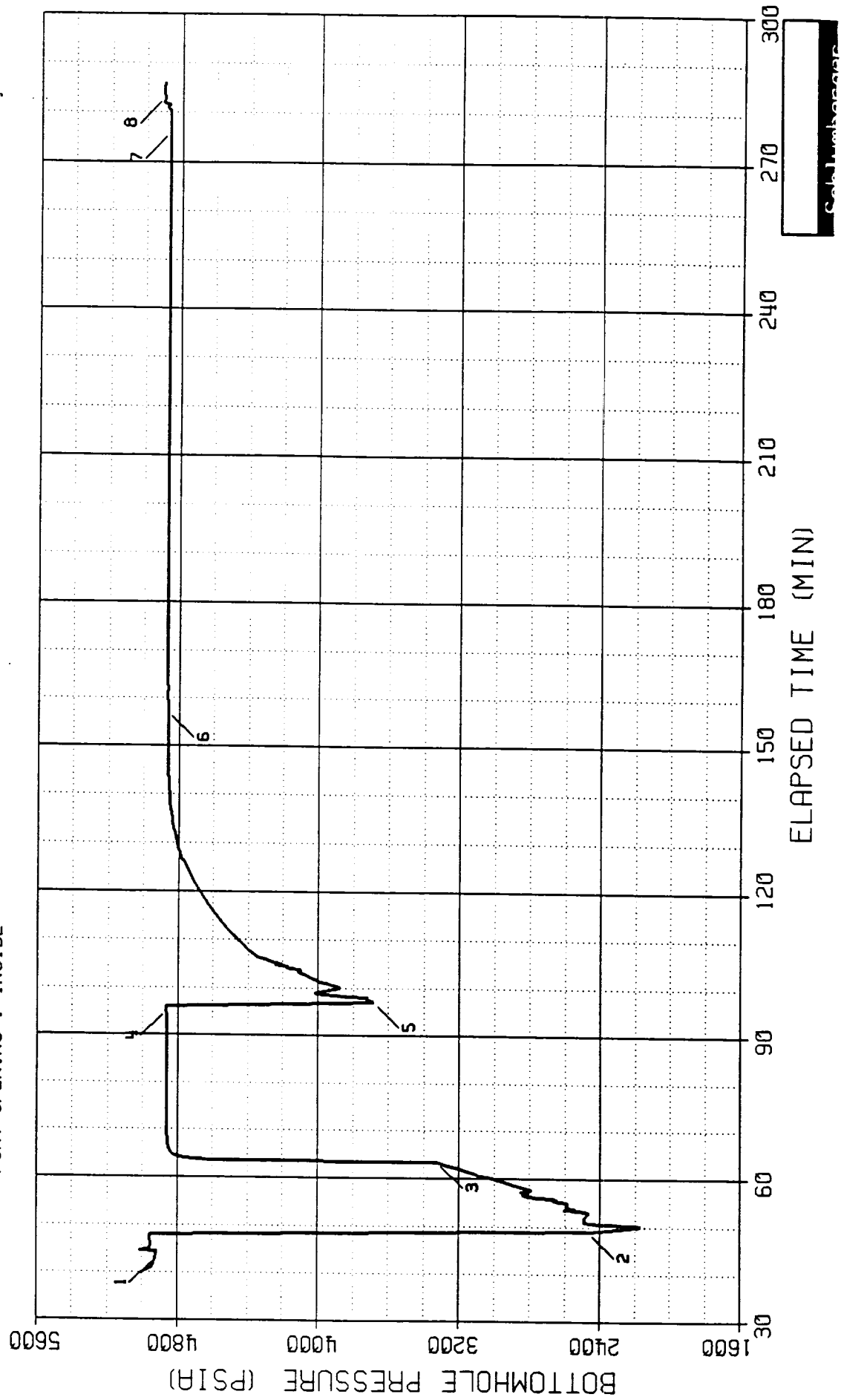
WELL : Mr. WILSON 33-1

DEPTH : 10773 FT

CAPACITY : 11014 PSI

Electronic Pressure Data

PORT OPENING : INSIDE



BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 139359

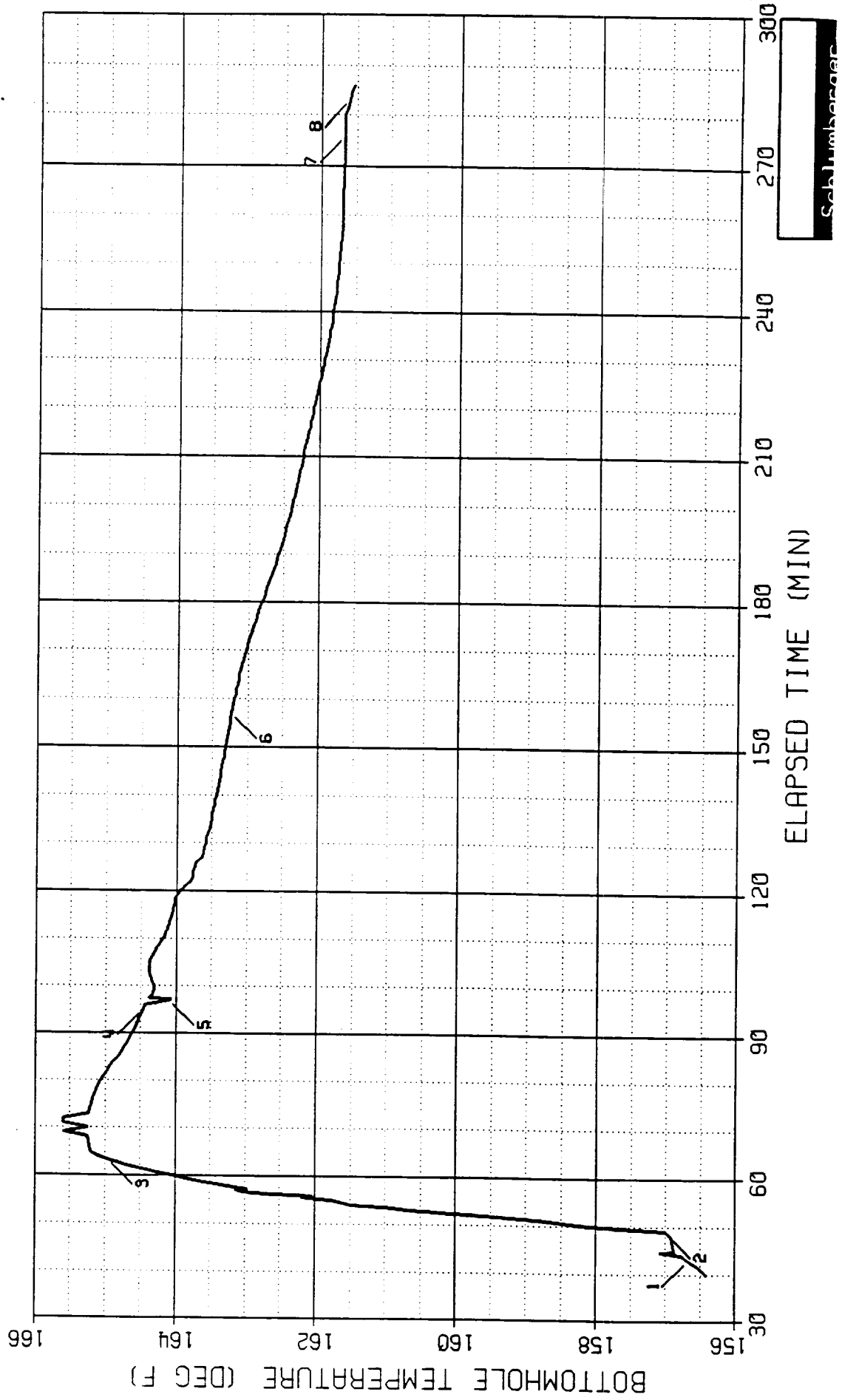
COMPANY : ANSON CORPORATION

INSTRUMENT NO. 20394

WELL : Mr. WILSON 33-1

DEPTH : 10773 FT

Electronic Temperature Data



 ** WELL TEST DATA PRINTOUT **

COMPANY: ANSON CORPORATION
 WELL: Mr. WILSON 33-1

FIELD REPORT NO. 139359
 INSTRUMENT NO. 20394

RECORDER CAPACITY: 11014 PSI PORT OPENING: INSIDE DEPTH: 10773 FT

LABEL POINT INFORMATION

#	TIME OF DAY HH:MM:SS	DATE DD-MMM	EXPLANATION	ELAPSED TIME, MIN	BOT HOLE PRESSURE PSIA	BOT HOLE TEMP. DEG F
1	13:43:00	26-OCT	HYDROSTATIC MUD	43.00	4927.88	156.68
2	13:49:00	26-OCT	START FLOW	49.00	2465.51	157.00
3	14:03:24	26-OCT	END FLOW & START SHUT-IN	63.40	3323.26	164.97
4	14:35:00	26-OCT	END SHUT-IN	95.00	4869.03	164.47
5	14:37:00	26-OCT	START FLOW	97.00	3685.23	164.11
6	15:37:00	26-OCT	END FLOW & START SHUT-IN	157.00	4865.04	163.24
7	17:36:00	26-OCT	END SHUT-IN	276.00	4869.71	161.67
8	17:43:00	26-OCT	HYDROSTATIC MUD	283.00	4903.66	161.60

SUMMARY OF FLOW PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	INITIAL PRESSURE PSIA
1	49.00	63.40	14.40	2465.51	3323.26	2465.51
2	97.00	157.00	60.00	3685.23	4865.04	3685.23

SUMMARY OF SHUTIN PERIODS

PERIOD	START ELAPSED TIME, MIN	END ELAPSED TIME, MIN	DURATION MIN	START PRESSURE PSIA	END PRESSURE PSIA	FINAL FLOW PRESSURE PSIA	PRODUCING TIME, MIN
1	63.40	95.00	31.60	3323.26	4869.03	3323.26	14.40
2	157.00	276.00	119.00	4865.04	4869.71	4865.04	74.40

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
13:49:00	26-OCT	49.00	0.00	157.00	2465.51
14:03:24	26-OCT	63.40	14.40	164.97	3323.26

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 3323.26 PSIA
PRODUCING TIME = 14.40 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MMM						
14:03:24	26-OCT	63.40	0.00	164.97	3323.26	0.00	
14:04:24	26-OCT	64.40	1.00	165.15	4808.42	1485.16	1.1875
14:06:00	26-OCT	66.00	2.60	165.23	4854.90	1531.64	0.8155
14:07:00	26-OCT	67.00	3.60	165.24	4859.34	1536.08	0.6990
14:08:00	26-OCT	68.00	4.60	165.25	4860.92	1537.66	0.6160
14:09:00	26-OCT	69.00	5.60	165.60	4862.70	1539.44	0.5528
14:10:00	26-OCT	70.00	6.60	165.25	4863.34	1540.08	0.5027
14:11:00	26-OCT	71.00	7.60	165.60	4863.11	1539.85	0.4616
14:12:00	26-OCT	72.00	8.60	165.60	4863.69	1540.43	0.4272
14:13:00	26-OCT	73.00	9.60	165.24	4864.51	1541.25	0.3979
14:14:00	26-OCT	74.00	10.60	165.22	4864.53	1541.27	0.3726
14:16:00	26-OCT	76.00	12.60	165.19	4865.01	1541.75	0.3310
14:18:00	26-OCT	78.00	14.60	165.13	4865.13	1541.87	0.2980
14:20:00	26-OCT	80.00	16.60	165.07	4864.94	1541.68	0.2713
14:22:00	26-OCT	82.00	18.60	164.98	4865.33	1542.07	0.2490
14:24:00	26-OCT	84.00	20.60	164.89	4865.74	1542.48	0.2302
14:26:00	26-OCT	86.00	22.60	164.78	4865.98	1542.72	0.2141
14:28:00	26-OCT	88.00	24.60	164.70	4865.96	1542.70	0.2001
14:30:00	26-OCT	90.00	26.60	164.63	4866.10	1542.84	0.1879
14:32:00	26-OCT	92.00	28.60	164.56	4866.38	1543.12	0.1771
14:34:00	26-OCT	94.00	30.60	164.50	4866.64	1543.38	0.1675
14:35:00	26-OCT	95.00	31.60	164.47	4869.03	1545.77	0.1631

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
HH:MM:SS	DD-MMM				
14:37:00	26-OCT	97.00	0.00	164.11	3685.23
14:52:00	26-OCT	112.00	15.00	164.14	4518.03
15:07:00	26-OCT	127.00	30.00	163.64	4786.87
15:22:00	26-OCT	142.00	45.00	163.41	4859.95
15:37:00	26-OCT	157.00	60.00	163.24	4865.04

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 4865.04 PSIA
PRODUCING TIME = 74.40 MIN

TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
HH:MM:SS	DD-MMM						
15:37:00	26-OCT	157.00	0.00	163.24	4865.04	0.00	
15:38:00	26-OCT	158.00	1.00	163.23	4866.19	1.15	1.8774
15:39:00	26-OCT	159.00	2.00	163.21	4866.33	1.29	1.5821
15:40:00	26-OCT	160.00	3.00	163.20	4867.47	2.43	1.4116

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 4865.04 PSIA
PRODUCING TIME = 74.40 MIN

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNER TIME
15:41:00	26-OCT	161.00	4.00	163.18	4867.44	2.40	1.2923
15:42:00	26-OCT	162.00	5.00	163.17	4866.64	1.60	1.2009
15:43:00	26-OCT	163.00	6.00	163.15	4866.70	1.66	1.1271
15:44:00	26-OCT	164.00	7.00	163.14	4866.76	1.72	1.0655
15:45:00	26-OCT	165.00	8.00	163.13	4866.85	1.81	1.0128
15:46:00	26-OCT	166.00	9.00	163.11	4866.97	1.93	0.9669
15:47:00	26-OCT	167.00	10.00	163.09	4867.06	2.02	0.9263
15:49:00	26-OCT	169.00	12.00	163.05	4867.22	2.18	0.8573
15:51:00	26-OCT	171.00	14.00	163.01	4867.40	2.36	0.8003
15:53:00	26-OCT	173.00	16.00	162.98	4867.48	2.44	0.7520
15:55:00	26-OCT	175.00	18.00	162.93	4867.57	2.53	0.7104
15:57:00	26-OCT	177.00	20.00	162.88	4867.68	2.64	0.6739
15:59:00	26-OCT	179.00	22.00	162.84	4867.80	2.76	0.6417
16:01:00	26-OCT	181.00	24.00	162.78	4867.92	2.88	0.6128
16:03:00	26-OCT	183.00	26.00	162.74	4868.01	2.97	0.5868
16:05:00	26-OCT	185.00	28.00	162.69	4868.09	3.05	0.5631
16:07:00	26-OCT	187.00	30.00	162.64	4868.18	3.14	0.5416
16:12:00	26-OCT	192.00	35.00	162.53	4868.38	3.34	0.4949
16:17:00	26-OCT	197.00	40.00	162.44	4868.50	3.46	0.4564
16:22:00	26-OCT	202.00	45.00	162.35	4868.65	3.61	0.4238
16:27:00	26-OCT	207.00	50.00	162.28	4868.73	3.69	0.3959
16:32:00	26-OCT	212.00	55.00	162.21	4868.82	3.78	0.3716
16:37:00	26-OCT	217.00	60.00	162.13	4868.93	3.89	0.3502
16:42:00	26-OCT	222.00	65.00	162.05	4869.02	3.98	0.3313
16:47:00	26-OCT	227.00	70.00	161.97	4869.11	4.07	0.3145
16:52:00	26-OCT	232.00	75.00	161.91	4869.19	4.15	0.2993
16:57:00	26-OCT	237.00	80.00	161.84	4869.27	4.23	0.2856
17:02:00	26-OCT	242.00	85.00	161.80	4869.33	4.29	0.2731
17:07:00	26-OCT	247.00	90.00	161.76	4869.39	4.35	0.2617
17:12:00	26-OCT	252.00	95.00	161.73	4869.43	4.39	0.2512
17:17:00	26-OCT	257.00	100.00	161.70	4869.51	4.47	0.2415
17:22:00	26-OCT	262.00	105.00	161.69	4869.55	4.51	0.2326
17:27:00	26-OCT	267.00	110.00	161.68	4869.61	4.57	0.2244
17:32:00	26-OCT	272.00	115.00	161.67	4869.71	4.67	0.2167
17:36:00	26-OCT	276.00	119.00	161.67	4869.71	4.67	0.2109

WELL TEST INTERPRETATION REPORT #:139359		PAGE: 12.
CLIENT : ANSON CORPORATION		29-OCT-95
REGION :CSD	DISTRIBUTION OF REPORTS	FIELD:N.W. LOVINGTON
DISTRICT:HOBBS		ZONE :LOWER WOLFCAMP
BASE :MIDLAND		WELL :WILSON 33-1
ENGINEER:KIRK BEASLEY		LOCATION:31-1SS-37E

SCHLUMBERGER has sent copies of this report to the following:

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ANSON CORPORATION
 3814 NORTH SANTA FE
 OKLAHOMA CITY, OK 73118
 (2 copies)

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