

REPORT NO.
147272

PAGE NO. 1

TEST DATE:
03-NOV-1995

S T A R

Schlumberger Testing Data Report
Pressure Data Report

Schlumberger

COMPANY: ANSON

WELL: MR.WILSON 33-1

TEST IDENTIFICATION

Test Type OH-DST\NG
Test No. TWO
Formation STRAWN
Test Interval (ft) 11698 to 11786
Depth Reference KB

WELL LOCATION

Field W\NC
County LEA
State NEW MEXICO
Sec/Twn/Rng SEC31 BLKE
Elevation (ft)

HOLE CONDITIONS

Total Depth (MD/TVD) (ft) 11786
Hole Size (in) 7.875
Casing/Liner I.D. (in)
Perf'd Interval/Net Pay (ft) .. / 15
Shot Density/Diameter (in) ...

MUD PROPERTIES

Mud Type PAC\PLUS
Mud Weight (lb/gal) 9.0
Mud Resistivity (ohm.m) 2.702 @ 60F
Filtrate Resistivity (ohm.m)..
Filtrate Chlorides (ppm) 2400

INITIAL TEST CONDITIONS

Initial Hydrostatic (psi) 5504.19
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

TEST STRING CONFIGURATION

Pipe Length (ft)/I.D. (in) ... 0 / 3.34
Collar Length (ft)/I.D. (in) .. 813 / 2.25
Packer Depths (ft) 11692, 11698,
Bottomhole Choke Size (in)94
Gauge Depth (ft)/Type 11677/NG-00013

NET PIPE RECOVERY

Volume	Fluid Type	Properties
372 ft	DRILL MUD	Rw0.703@60F 10000ppm
279 ft	MUD\WATER	Rw0.162@60F 50000ppm
661 ft	FORM\WATER	Rw0.138@60F 60000ppm

NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Properties
1600 cc	Water	Rw0.138@60F 60000pp
300 cc	Mud	Rw0.272@60F 28000pp
Pressure:500		GOR:0 GLR:0

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 (%) 10
Reservoir Temperature (F) 174
Form.Vol.Factor (bbl/STB)

PRODUCTION RATE DURING TEST: Data Report

COMMENTS:

THIS DST OF THE STRAWN 11698-11786 WAS MECHANICALLY SUCCESSFUL. WE PULLED TO FLUID A TOTAL OF 1312 FT OF RECOVERY. SAMPLE CHAMBER CONTAINED 1600 CCs OF WATER 300 CCs OF DRILLING MUD & 500 PSI. A VERY SLIGHT ODOR OF GAS TO SMALL TO MEASURE. FOR QUESTIONS CONCERNING THIS TEST PLEASE CONTACT SCHLUMBERGER TESTING @ (915) 563-1434. THANK YOU

WELL TEST INTERPRETATION REPORT #:147272		PAGE: 2.
CLIENT : ANSON		5-NOV-95
REGION : CSD	SEQUENCE OF EVENTS	FIELD: WVC
DISTRICT: MIDLAND		ZONE : STRAWN
BASE : MIDLAND		WELL : MR. WILSON 33-1
ENGINEER: DARREN STONE		LOCATION: SEC31 BLKE

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
03-NOV	13:16	START FLOW	0	86	
	13:19		3		.8
	13:20		4		1.0
	13:21		5		1.1
	13:22		6		1.2
	13:27		11		1.3
	13:31	END FLOW & START SHUT-IN	15	286	1.5
	14:02	END SHUT-IN	46	1456	
	14:03	START FLOW	47	308	
	14:07	4.5 oz	51		
	14:08	5.2 oz	52		
	14:09	6.0 oz	53		
	14:19	11.5 oz	63		
	14:24		68		1.1
	14:29		73		1.3
	14:34		78		1.6
	14:39		83		1.8
	14:44		88		2.0
	14:49		93		2.2
	14:54		98		2.4
	14:59		103		2.6
	15:03	END FLOW & START SHUT-IN	107	609	2.8
	17:07	END SHUT-IN	231	1487	

ANSON
MR.WILSON 33-1
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	Drill Pipe to Surface	4.0	3.34		0
	Drill Collars	6.0	2.25	574	574
	Pumpout Disk Reversing Valve	6.25	3.0	.98	574.98
	Drill Collars	6.0	2.25	90.0	664.98
	Breakoff Pin Reversing Valve	6.25	3.0	1.02	666
	Drill Collars	6.0	2.25	90.0	756
	Cross Over Sub	6.0	2.0	.63	756.63
	Inside Recorder	4.875	1.18	6.30	762.93
	Multi-Flow Evaluator Valve	5.0	0.94	9.87	772.8
	MFE Open Hole Bypass	5.0	1.18	3.0	775.8
	Inside Recorder	4.875	1.18	5.93	781.73
	TR Hydraulic Jar	4.75	1.88	6.89	788.62
	Safety Joint	4.75	2.5	2.55	791.17
	Bob Tail Packer	7.0	1.5	6.22	797.39
	Bob Tail Packer	7.0	1.5	6.22	803.61
	Perforated Anchor	4.75	2.25	14.0	817.61
	Cross Over Sub	6.25	2.25	.93	818.54
	Drill Collars	6.0	2.25	58.97	877.51
	Cross Over Sub	6.25	2.25	1.16	878.67
	PERFORATED ANCHOR	4.75	2.25	5.00	883.67
	Recorder Mechanical BULL NOSE	4.75	1.18	6.98	890.65

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Note: All Depths to Bottom of Tool

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 147272

COMPANY : ANSON

INSTRUMENT NO. 00013

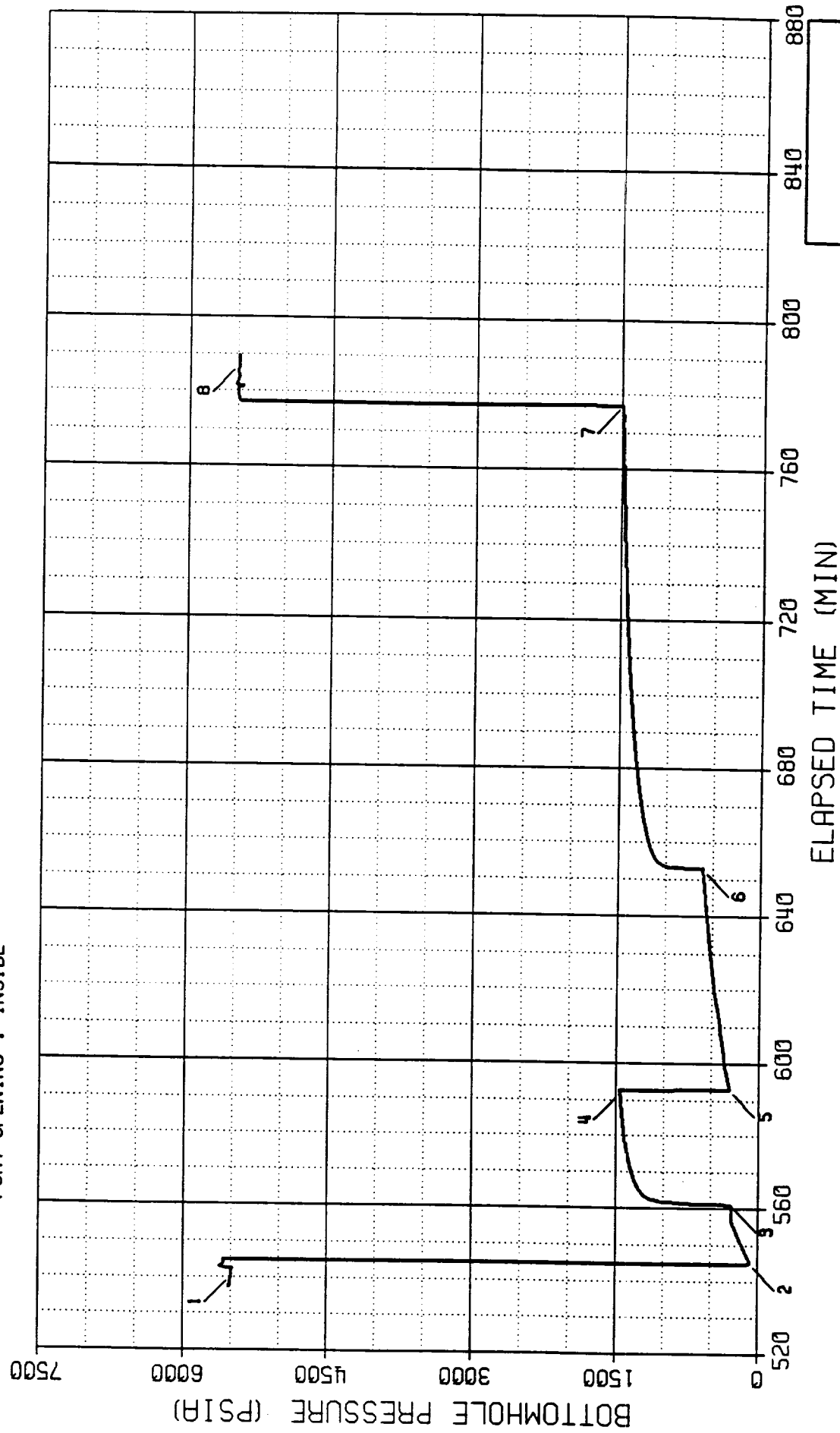
WELL : MR. WILSON 33-1

DEPTH : 1167 FT

CAPACITY : 10000 PSI

PORT OPENING : INSIDE

Electronic Pressure Data above Test Valve



Schlumberger

BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 147272

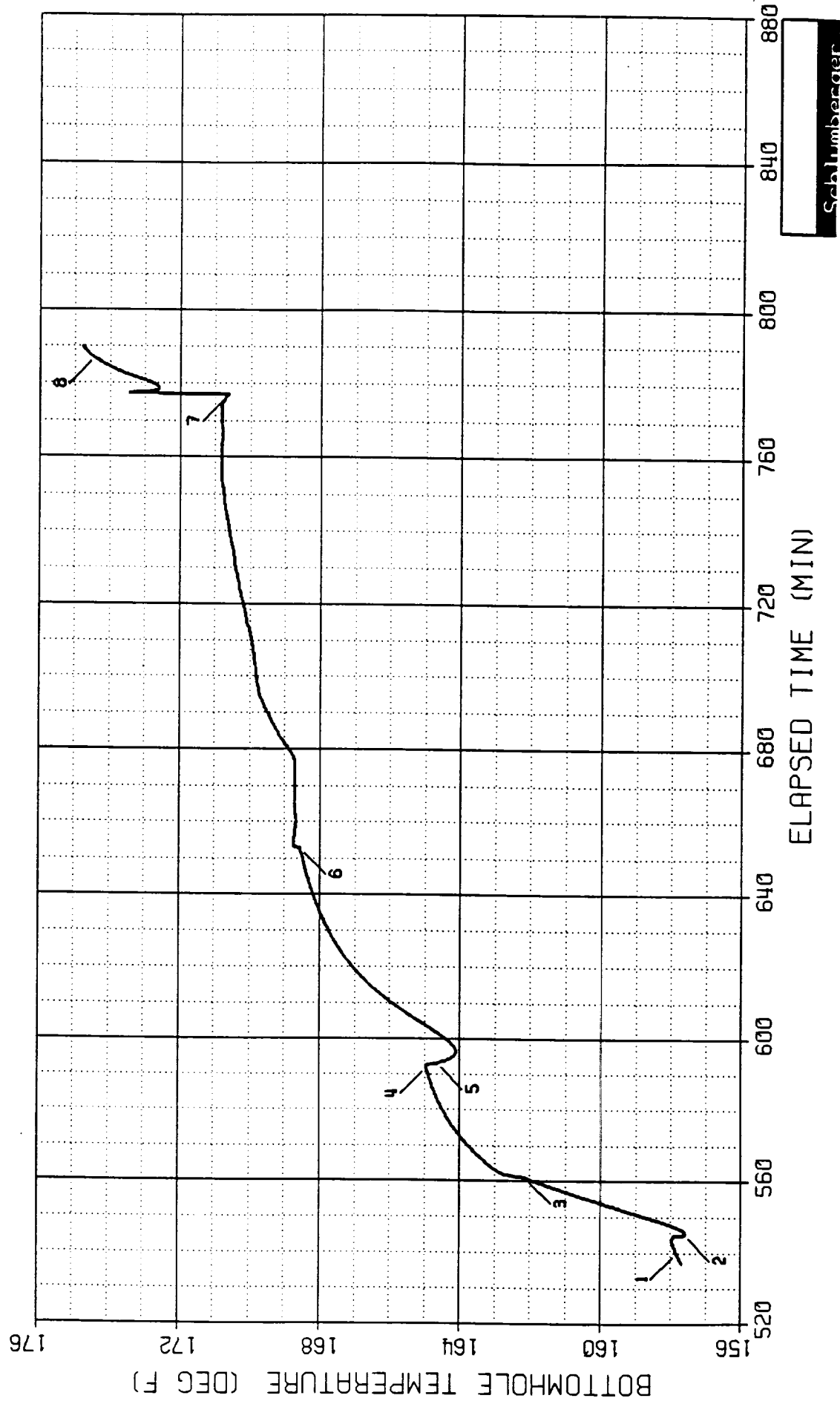
COMPANY : ANSON

INSTRUMENT NO. 00013

WELL : MR. WILSON 33-1

DEPTH : 1167 FT

Electronic Temperature Data



 ** WELL TEST DATA PRINTOUT **

COMPANY: ANSON
 WELL: MR.WILSON 33-1

FIELD REPORT NO. 147272
 INSTRUMENT NO. 00013

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 1167 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	13:11:00	3-NOV	HYDROSTATIC MUD	540.00	5504.19	157.84
2	13:16:10	3-NOV	START FLOW	545.17	85.63	157.59
3	13:31:40	3-NOV	END FLOW & START SHUT-IN	560.67	285.96	162.14
4	14:02:30	3-NOV	END SHUT-IN	591.50	1455.90	164.95
5	14:03:50	3-NOV	START FLOW	592.83	307.67	164.64
6	15:03:30	3-NOV	END FLOW & START SHUT-IN	652.50	609.19	168.55
7	17:07:50	3-NOV	END SHUT-IN	776.83	1486.74	170.64
8	17:17:40	3-NOV	HYDROSTATIC MUD	786.67	5491.77	174.45

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	545.17	560.67	15.50	85.63	285.96	85.63
2	592.83	652.50	59.67	307.67	609.19	307.67

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	560.67	591.50	30.83	285.96	1455.90	285.96	15.50
2	652.50	776.83	124.33	609.19	1486.74	609.19	75.17

TEST PHASE: FLOW PERIOD # 1

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
13:16:10	3-NOV	545.17	0.00	157.59	85.63
13:31:10	3-NOV	560.17	15.00	162.00	282.71
13:31:40	3-NOV	560.67	15.50	162.14	285.96

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 285.96 PSIA
PRODUCING TIME = 15.50 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
13:31:40	3-NOV	560.67	0.00	162.14	285.96	0.00	
13:32:40	3-NOV	561.67	1.00	162.72	1021.91	735.95	1.2175
13:33:40	3-NOV	562.67	2.00	162.93	1169.09	883.13	0.9420
13:34:40	3-NOV	563.67	3.00	163.09	1220.55	934.59	0.7901
13:35:40	3-NOV	564.67	4.00	163.22	1252.55	966.59	0.6880
13:36:40	3-NOV	565.67	5.00	163.31	1275.65	989.69	0.6128
13:37:40	3-NOV	566.67	6.00	163.44	1294.48	1008.52	0.5543
13:38:40	3-NOV	567.67	7.00	163.54	1310.46	1024.50	0.5071
13:39:40	3-NOV	568.67	8.00	163.63	1324.87	1038.91	0.4680
13:40:40	3-NOV	569.67	9.00	163.74	1336.77	1050.81	0.4349
13:41:40	3-NOV	570.67	10.00	163.83	1348.12	1062.16	0.4065
13:43:40	3-NOV	572.67	12.00	164.01	1367.88	1081.92	0.3602
13:45:40	3-NOV	574.67	14.00	164.16	1382.35	1096.39	0.3237
13:47:40	3-NOV	576.67	16.00	164.30	1396.07	1110.11	0.2942
13:49:40	3-NOV	578.67	18.00	164.41	1408.01	1122.05	0.2698
13:51:40	3-NOV	580.67	20.00	164.53	1417.34	1131.38	0.2492
13:53:40	3-NOV	582.67	22.00	164.64	1426.84	1140.88	0.2316
13:55:40	3-NOV	584.67	24.00	164.73	1433.39	1147.43	0.2164
13:57:40	3-NOV	586.67	26.00	164.80	1441.27	1155.31	0.2031
13:59:40	3-NOV	588.67	28.00	164.88	1446.66	1160.70	0.1913
14:01:40	3-NOV	590.67	30.00	164.93	1452.40	1166.44	0.1809
14:02:30	3-NOV	591.50	30.83	164.95	1455.90	1169.94	0.1769

TEST PHASE: FLOW PERIOD # 2

TIME OF DAY HH:MM:SS	DATE DD-MMM	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE TEMP. DEG F	BOT HOLE PRESSURE PSIA
14:03:50	3-NOV	592.83	0.00	164.64	307.67
14:18:50	3-NOV	607.83	15.00	165.63	405.42
14:33:50	3-NOV	622.83	30.00	167.31	490.29
14:48:50	3-NOV	637.83	45.00	168.12	553.03
15:03:30	3-NOV	652.50	59.67	168.55	609.19

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 609.19 PSIA
PRODUCING TIME = 75.17 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
15:03:30	3-NOV	652.50	0.00	168.55	609.19	0.00	
15:04:30	3-NOV	653.50	1.00	168.76	1020.82	411.63	1.8818
15:05:30	3-NOV	654.50	2.00	168.76	1088.02	478.83	1.5864

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE - 609.19 PSIA

PRODUCING TIME - 75.17 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
15:06:30	3-NOV	655.50	3.00	168.75	1117.76	508.57	1.4159
15:07:30	3-NOV	656.50	4.00	168.73	1138.54	529.35	1.2965
15:08:30	3-NOV	657.50	5.00	168.71	1154.60	545.41	1.2050
15:09:30	3-NOV	658.50	6.00	168.69	1168.97	559.78	1.1312
15:10:30	3-NOV	659.50	7.00	168.69	1181.13	571.94	1.0696
15:11:30	3-NOV	660.50	8.00	168.67	1191.64	582.45	1.0169
15:12:30	3-NOV	661.50	9.00	168.69	1202.36	593.17	0.9709
15:13:30	3-NOV	662.50	10.00	168.71	1211.38	602.19	0.9303
15:15:30	3-NOV	664.50	12.00	168.73	1228.83	619.64	0.8612
15:17:30	3-NOV	666.50	14.00	168.73	1244.15	634.96	0.8041
15:19:30	3-NOV	668.50	16.00	168.73	1257.87	648.68	0.7557
15:21:30	3-NOV	670.50	18.00	168.71	1269.51	660.32	0.7140
15:23:30	3-NOV	672.50	20.00	168.71	1280.65	671.46	0.6775
15:25:30	3-NOV	674.50	22.00	168.71	1290.82	681.63	0.6451
15:27:30	3-NOV	676.50	24.00	168.73	1300.61	691.42	0.6162
15:29:30	3-NOV	678.50	26.00	168.80	1310.06	700.87	0.5901
15:31:30	3-NOV	680.50	28.00	168.93	1318.60	709.41	0.5664
15:33:30	3-NOV	682.50	30.00	169.09	1327.20	718.01	0.5448
15:38:30	3-NOV	687.50	35.00	169.39	1344.98	735.79	0.4980
15:43:30	3-NOV	692.50	40.00	169.63	1360.55	751.36	0.4593
15:48:30	3-NOV	697.50	45.00	169.79	1374.83	765.64	0.4266
15:53:30	3-NOV	702.50	50.00	169.86	1387.21	778.02	0.3985
15:58:30	3-NOV	707.50	55.00	169.92	1399.47	790.28	0.3741
16:03:30	3-NOV	712.50	60.00	170.02	1409.51	800.32	0.3527
16:08:30	3-NOV	717.50	65.00	170.13	1418.93	809.74	0.3337
16:13:30	3-NOV	722.50	70.00	170.26	1428.21	819.02	0.3168
16:18:30	3-NOV	727.50	75.00	170.37	1435.03	825.84	0.3015
16:23:30	3-NOV	732.50	80.00	170.46	1443.01	833.82	0.2877
16:28:30	3-NOV	737.50	85.00	170.56	1450.08	840.89	0.2752
16:33:30	3-NOV	742.50	90.00	170.65	1456.81	847.62	0.2637
16:38:30	3-NOV	747.50	95.00	170.74	1461.19	852.00	0.2532
16:43:30	3-NOV	752.50	100.00	170.80	1466.81	857.62	0.2435
16:48:30	3-NOV	757.50	105.00	170.82	1471.04	861.85	0.2345
16:53:30	3-NOV	762.50	110.00	170.82	1476.03	866.84	0.2262
16:58:30	3-NOV	767.50	115.00	170.80	1480.63	871.44	0.2184
17:03:30	3-NOV	772.50	120.00	170.82	1486.34	877.15	0.2112
17:07:50	3-NOV	776.83	124.33	170.64	1486.74	877.55	0.2054

WELL TEST INTERPRETATION REPORT #:147272		PAGE: 12. 5-NOV-95
CLIENT : ANSON		
REGION :CSD DISTRICT:MIDLAND BASE :MIDLAND ENGINEER:DARREN STONE	DISTRIBUTION OF REPORTS	FIELD:WVC ZONE :STAWN WELL :MR.WILSON 33-1 LOCATION:SEC31 BLKE

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