

REPORT NO.

1139326

PAGE NO. 1

TEST DATE:

5-Jun-99

S T A R

Schlumberger

Schlumberger Transient Analysis Report

Based on Model Verified Interpretation
Of Schlumberger Well Test Data

COMPANY: DEVON ENERGY		WELL: ARCO 20 FED. COM. #2	
TEST IDENTIFICATION		WELL LOCATION	
Test Type	DRILLSTEM TEST	Field	AVALON
Test No.	ONE	County	EDDY
Formation	UPPER STRAWN	State	NEW MEXICO
Test Interval (ft)	9889-9920	Location	20/21S/26E
COMPLETION CONFIGURATION		TEST STRING CONFIGURATION	
Casing / Liner Size (in)	OPENHOLE	Tubing Length (ft) / O.D. (in)	9889/4.5
Plug Back T.D. (ft)	9920	Packer Depth (ft)	9,889
Producing Interval (ft)	9889-9920	Gauge Depth (ft) / Type	9,867
Net Pay (ft)	4	Downhole Valve (Y/N) / Type	N/A
INTERPRETATION RESULTS		TEST CONDITIONS	
Model of Behavior	RADIAL COMP.	Tbg / Wellhead Pressure (psi)	
Fluid Type Used for Analysis	GAS	ROCK / FLUID / WELLBORE PROPERTIES	
Estimated Reservoir Pressure (psi) ...	3759 @ GAUGE	Gas Gravity	0.648
Mobility (md/cp)	38	Viscosity (cp)	0.023294
Effective Permeability (md)	0.88	Total Compressibility (1/psi)	1.01E-04
Skin	0.76	Porosity (%)	9
Pressure Drop (skin, psi)	225	Reservoir Temperature (F)	162
Radius of Investigation (ft)	180	Condensate Yield (bbl/MM)	20
Distance to boundary (ft)	22		
Distance to boundary (ft)	NONE		

PRODUCTION RATE DURING TEST: 463 MSCF/D**SUMMARY:**

This report contains the analysis of the data acquired during a drillstem test of the Upper Strawn zone conducted on the Devon Arco 20 Fed. Com. #2 well in Eddy County, New Mexico. This test was performed by Schlumberger's Hobbs New Mexico Testing District (505 393 4107).

The data was modeled using a radial composite reservoir model with wellbore storage and skin. The initial radial flow regime was reached after approximately .3 hours of build up time and continued until .6 hours into the build up. After the radial flow regime the data deviates above the infinite acting model. This behavior typically is indicative of a decrease in transmissibility (kh/uB) away from the wellbore or no flow boundaries. The late time behavior was modeled using a radial composite model, this model assumes changing reservoir properties radially away from the wellbore. The permeability was calculated to be .88 md, using a thickness of 4 feet. The skin was calculated to be positive .76. The reservoir pressure was extrapolated from the reservoir model to be 3759 psi at gauge depth.

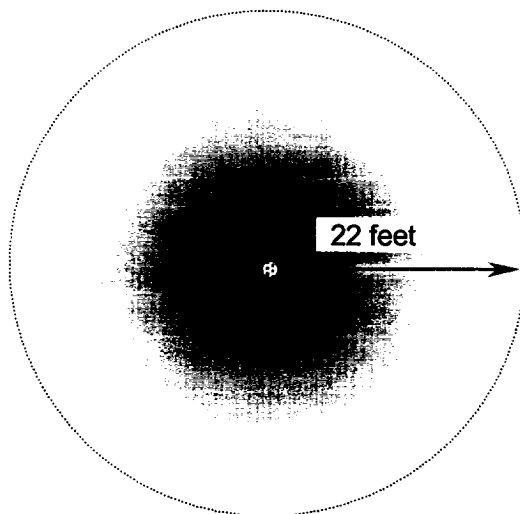
For further discussion of this analysis, please refer to the interpretation discussion on page two of this report. If you have any questions, please call Marc Percy at 405 840 2781.

ANALYSIS DISCUSSION**Schlumberger****Arco 20 Fed. Com. #2 Interpretation Discussion:**

This report contains the analysis of the data acquired during a drillstem test of the Upper Strawn zone conducted on the Devon Arco 20 Fed. Com. #2 well in Eddy County, New Mexico. This test was performed by Schlumberger's Hobbs New Mexico Testing District (505 393 4107).

The data was taken during a drillstem test using electronic pressure gauges. The gauges were run in the wellbore along with a packer and downhole valve. The packer was set and the interval between 9889 to 9920 was tested.

The data was modeled using a radial composite reservoir model with wellbore storage and skin. The initial radial flow regime was reached after approximately .3 hours of build up time and continued until .6 hours into the build up. This flow regime is indicated by the constant pressure derivative on the plot of log-log pressure and pressure derivative versus shut in time (using the pseudopressure function). After the radial flow regime the data deviates above the infinite acting model. This behavior typically is indicative of a decrease in transmissibility (kh/uB) away from the wellbore or no flow boundaries. The deviation observed during this test is too steep to be matched using no flow boundaries. The late time behavior was modeled using a radial composite model, this model assumes changing reservoir properties radially away from the wellbore. Due to the complexity of this data behavior, this may not be a unique solution, however other possible models were investigated and no other suitable matches were found. A graphical presentation of the model used in this analysis is presented below.



Both log log type curve matching techniques and semi log analysis techniques were used to interpret this data. Agreement between the two methods was excellent. The permeability was calculated to be .88 md, using a thickness of 4 feet. The skin was calculated to be positive .76. The reservoir pressure was extrapolated from the reservoir model to be 796 psi at gauge depth. This pressure agrees well with the pressure measured from the initial build up, no depletion is seen on this drillstem test. In order to validate the results of this analysis, a simulation of the test sequence was made using the model constructed from this interpretation. The measured data was then plotted on the same scale as the simulated data. Agreement between the measured data and simulated data is excellent. This plot is presented in the body of this report.

If you have any questions, please call Marc Percy at 405 840 2781.

	1139326 : Main Results		
	Company	DEVON ENERGY CORP.	
	Field	AVALON	
	Well	ARCO 20 FED. COM. #2	
	Test	UPPER STRAWN/1	

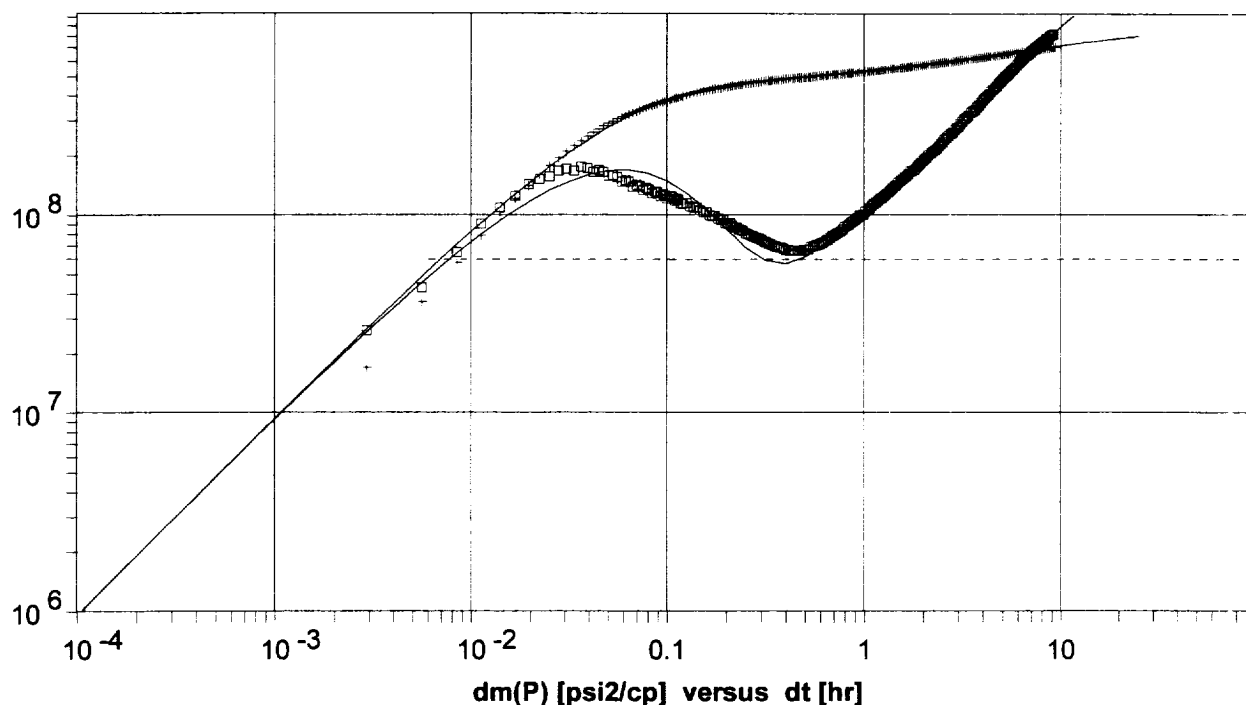
Date 7 JUNE 1999
 Gauge SLSR/777
 Depth 9867
 Formation interval 9889-9920
 Perforated interval OPENHOLE

TEST TYPE	Standard	FLUID TYPE	Gas
Porosity Phi (%)	9	Gas Gravity	0.648
Well Radius rw	0.365 ft	Pseudo-Critical P	670.4 psia
Pay Zone h	4 ft	Pseudo-Critical T	364.603 °R
		Reservoir T	162 °F
		Reservoir P	4500 psia
		Properties	@ Reservoir T&P
		Total Compr. ct	0.000100748 psi-1
		Viscosity	0.0232939 cp
Flow Period #	13	RESERVOIR	Radial composite
Rate	0 MSCF/day	BOUNDARY	Infinite
Rate Change	463 MSCF/day	WELL	Storage & Skin
P at dt=0	476.595 psia	Storage C	0.00053 STB/psi
Pi	3759.29 psia	Skin factor	0.76
		Delta P Skin	224.996 psia
Time Match	84.1 (hr)-1	kh	3.52 md.ft
Pressure Match	8.6E-9 (psi ² /cp)-1	k	0.88 md
		Mobility k/mu	37.8
		Investig. R	180 ft
		Tested Volume	6562.17 Barrels
		Ri	22.3 ft
		Mobility ratio	89
		Diffusivity ratio	89

Schlumberger**1139326 : Log-Log**

Company DEVON ENERGY CORP.
Field AVALON
Well ARCO 20 FED. COM. #2
Test UPPER STRAWN/1

Continent



Flow Period # 13
Rate 0 MSCF/day
Rate Change 463 MSCF/day
P at $dt=0$ 476.595 psia
Smoothing 0
Pi 3759.29 psia

Time Match 84.1 (hr)⁻¹
Pressure Match $8.6E-9$ (psi²/cp)⁻¹

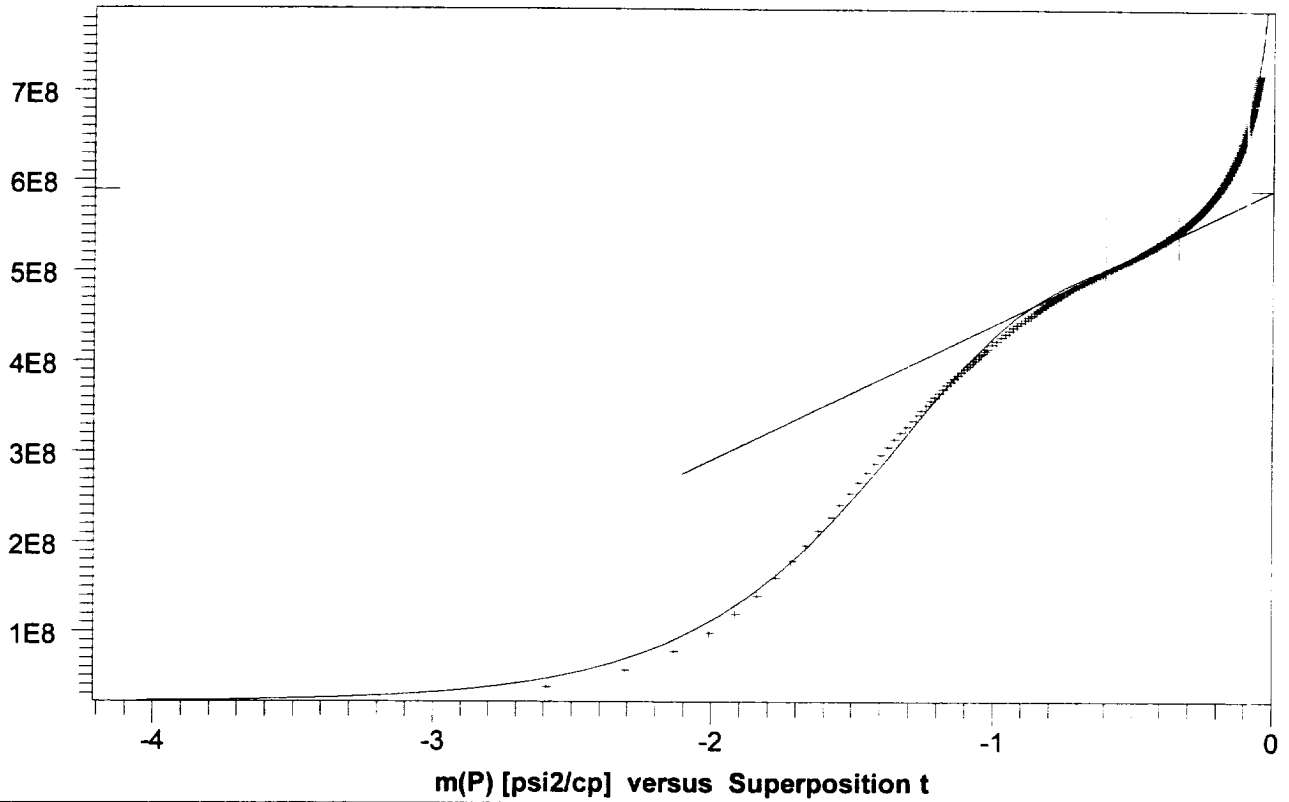
RESERVOIR	Radial composite
BOUNDARY	Infinite
WELL	Storage & Skin
Storage C	0.00053 STB/psi
Skin factor	0.76
Delta P Skin	224.996 psia
kh	3.52 md.ft
k	0.88 md
Mobility k/μ	37.8
Investig. R	180 ft
Tested Volume	6562.17 Barrels
Ri	22.3 ft
Mobility ratio	89
Diffusivity ratio	89

Schlumberger

1139326 : Semi-Log

Company DEVON ENERGY CORP.
Field AVALON
Well ARCO 20 FED. COM. #2
Test UPPER STRAWN/1

Continent



Flow Period # 13
Rate 0 MSCF/day
Rate Change 463 MSCF/day
P at dt=0 476.595 psia
Pi 3759.29 psia

RESERVOIR Radial composite
BOUNDARY Infinite
WELL Storage & Skin
Storage C 0.00053 STB/psi
Skin factor 0.76
Delta P Skin 224.996 psia

STRAIGHT LINE

From 0.3889 hr
To 0.54724 hr
Slope 1.49E8 psi2/cp
Intercept 5.87478E8 psi2/cp
value at dt=1hr 5.36995E8 psi2/cp

kh 3.52 md.ft
k 0.88 md
Mobility k/mu 37.8
Investig. R 180 ft
Tested Volume 6562.17 Barrels
Ri 22.3 ft
Mobility ratio 89
Diffusivity ratio 89

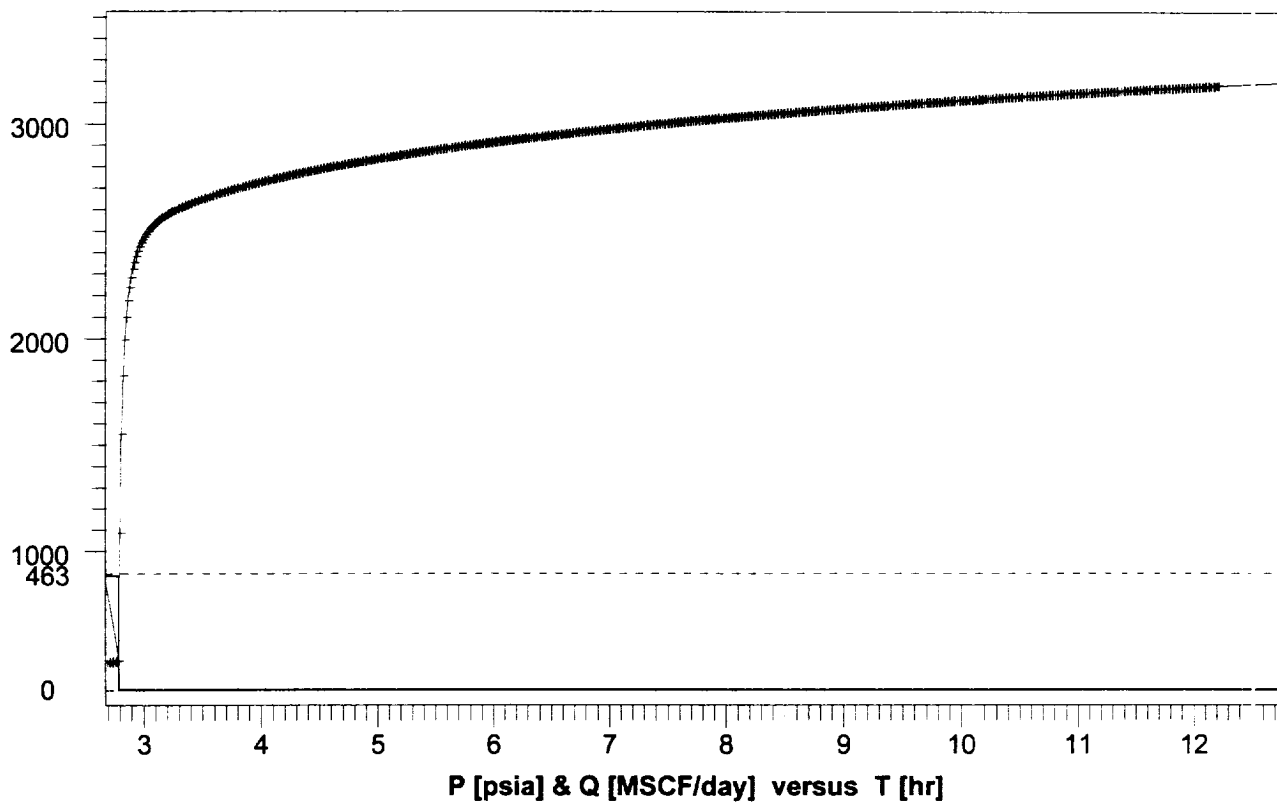
-> m* 5.87478E8 psi2/cp
-> p* 2815.53 psia
-> PMatch 7.71E-9 (psi2/cp)-1
-> k.h 3.16 md.ft
-> k 0.79 md
-> Skin -1.19
Delta P Skin -982

Time Match 84.1 (hr)-1

Pressure Match 8.6E-9 (psi2/cp)-1

Schlumberger**1139326 : Simulation.**

Company DEVON ENERGY CORP.
Field AVALON
Well ARCO 20 FED. COM. #2
Test UPPER STRAWN/1



Flow Period # 13
Rate 0 MSCF/day
Rate Change 463 MSCF/day
P at dt=0 476.595 psia
Pi 3759.29 psia

Time Match 84.1 (hr)⁻¹
Pressure Match 8.6E-9 (psi²/cp)⁻¹

RESERVOIR	Radial composite
BOUNDARY	Infinite
WELL	Storage & Skin
Storage C	0.00053 STB/psi
Skin factor	0.76
Delta P Skin	224.996 psia
kh	3.52 md.ft
k	0.88 md
Mobility k/mu	37.8
Investig. R	180 ft
Tested Volume	6562.17 Barrels
Ri	22.3 ft
Mobility ratio	89
Diffusivity ratio	89

Schlumberger**1139326 : History Listing**

Company DEVON ENERGY CORP.
Field AVALON
Well ARCO 20 FED. COM. #2
Test UPPER STRAWN/1

Continent

Date	Time	FP #	Rate MSCF/day	Duration hr
05/06/1999	13:50:00	1	100.000	0.10833
	13:56:29	2	0.00	1.15000
	15:05:29	3	100.000	0.0305
	15:07:19	4	161.000	0.10000
	15:13:19	5	209.000	0.08333
	15:18:19	6	292.000	0.25000
	15:33:19	7	362.000	0.30000
	15:51:19	8	397.000	0.11667
	15:58:19	9	411.000	0.08333
	16:03:19	10	439.000	0.16667
	16:13:19	11	458.000	0.16667
	16:23:19	12	463.000	0.23059
	16:37:09	13	0.00	9.99704

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 1139326

COMPANY : DEVON ENERGY CORP.

INSTRUMENT NO. SLSR777

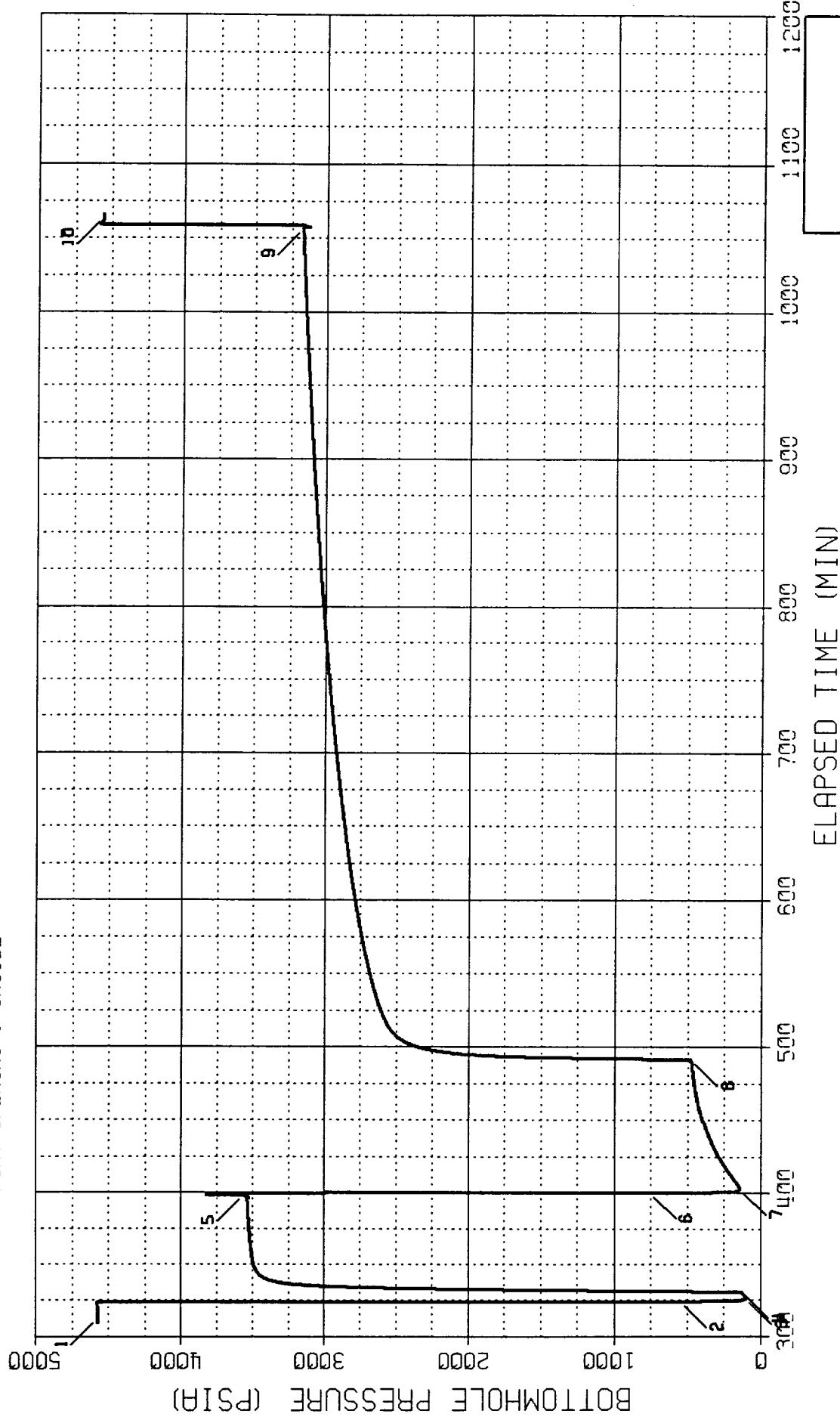
WELL : ARCO 20 FED. COM. #2

DEPTH : 9867 FT

CAPACITY : 10000 PSI

PORT OPENING : INSIDE

Electronic Pressure Data



BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 1139326

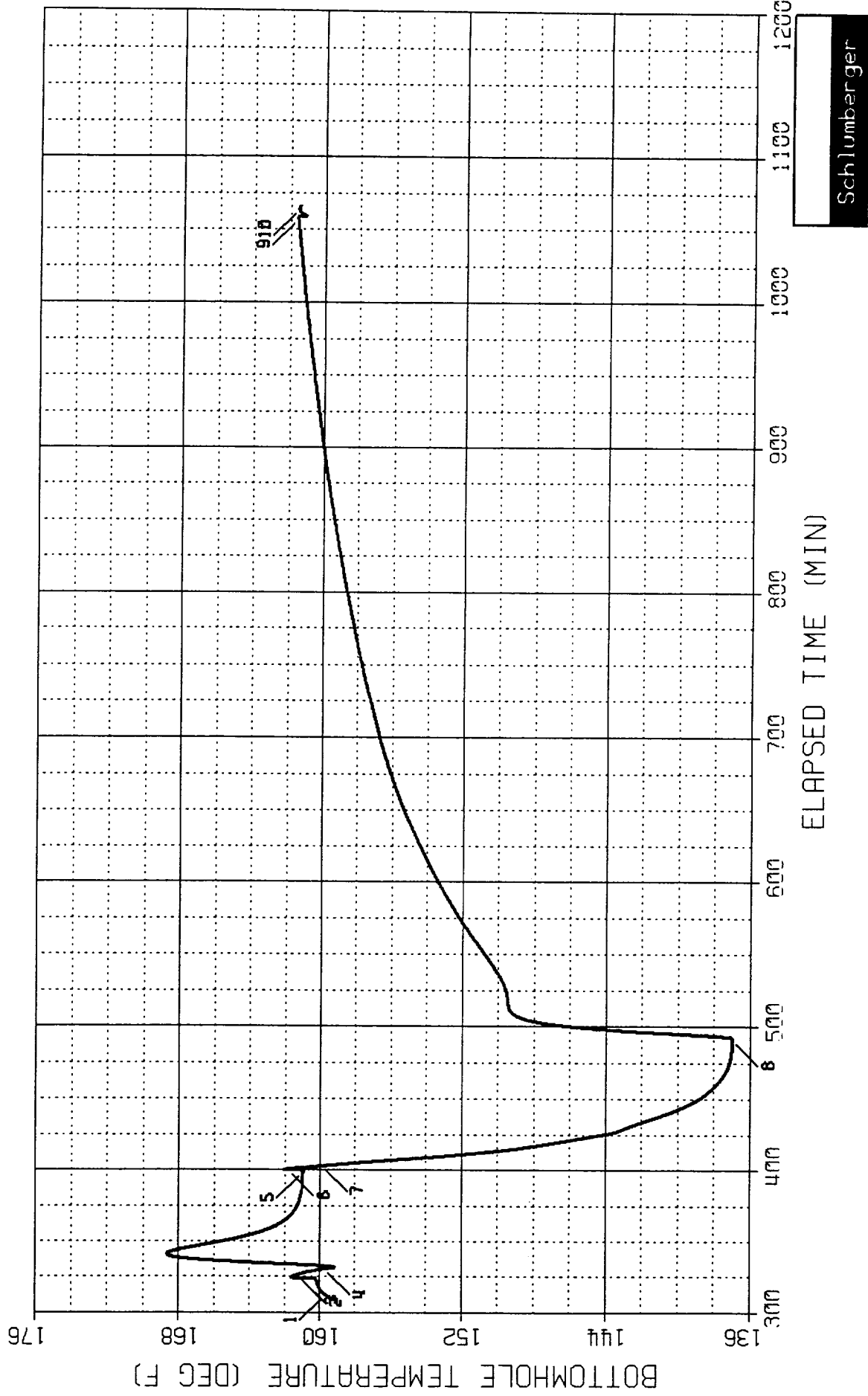
COMPANY : DEVON ENERGY CORP.

INSTRUMENT NO. SLSR777

WELL : ARCO 20 FED. COM. #2

DEPTH : 9867 FT

Electronic Temperature Data



 ** WELL TEST DATA PRINTOUT **

COMPANY: DEVON ENERGY CORP.
 WELL: ARCO 20 FED. COM. #2

FIELD REPORT NO. 1139326
 INSTRUMENT NO. SLSR777

RECORDER CAPACITY: 10000 PSI PORT OPENING: INSIDE DEPTH: 9867 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	13:36:52	5-JUN	HYDROSTATIC MUD	312.62	4576.25	159.66
2	13:48:32	5-JUN	FLOW POINT	324.28	548.76	161.08
3	13:50:52	5-JUN	START FLOW	326.62	104.08	161.31
4	13:55:02	5-JUN	END FLOW & START SHUT-IN	330.78	128.15	159.75
5	15:02:12	5-JUN	END SHUT-IN	397.95	3560.75	160.99
6	15:04:22	5-JUN	FLOW POINT	400.12	760.75	161.80
7	15:07:02	5-JUN	START FLOW	402.78	144.72	159.91
8	16:35:32	5-JUN	END FLOW & START SHUT-IN	491.28	476.36	136.98
9	2:01:12	6-JUN	END SHUT-IN	1056.95	3169.55	161.58
10	2:07:52	6-JUN	HYDROSTATIC MUD	1063.62	4561.40	161.53

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	326.62	330.78	4.16	104.08	128.15	104.08
2	402.78	491.28	88.50	144.72	476.36	144.72

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	330.78	397.95	67.17	128.15	3560.75	128.15	4.16
2	491.28	1056.95	565.67	476.36	3169.55	476.36	92.66

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
13:50:52	5-JUN	326.62	0.00	161.31	104.08
13:55:02	5-JUN	330.78	4.16	159.75	128.15

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 128.15 PSIA
PRODUCING TIME = 4.16 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
13:55:02	5-JUN	330.78	0.00	159.75	128.15	0.00	
13:56:02	5-JUN	331.78	1.00	159.13	1181.69	1053.54	0.7127
13:57:02	5-JUN	332.78	2.00	159.67	2002.97	1874.82	0.4886
13:58:02	5-JUN	333.78	3.00	161.29	2583.28	2455.13	0.3778
13:59:02	5-JUN	334.78	4.00	163.22	2950.52	2822.37	0.3096
14:00:02	5-JUN	335.78	5.00	165.02	3155.01	3026.86	0.2629
14:01:02	5-JUN	336.78	6.00	166.44	3265.31	3137.16	0.2287
14:02:02	5-JUN	337.78	7.00	167.49	3330.75	3202.60	0.2026
14:03:02	5-JUN	338.78	8.00	168.17	3373.16	3245.01	0.1818
14:04:02	5-JUN	339.78	9.00	168.55	3402.50	3274.35	0.1650
14:05:02	5-JUN	340.78	10.00	168.67	3423.89	3295.74	0.1511
14:07:02	5-JUN	342.78	12.00	168.42	3452.05	3323.90	0.1293
14:09:02	5-JUN	344.78	14.00	167.76	3469.34	3341.19	0.1130
14:11:02	5-JUN	346.78	16.00	166.93	3480.72	3352.57	0.1004
14:13:02	5-JUN	348.78	18.00	166.06	3488.74	3360.59	0.0903
14:15:02	5-JUN	350.78	20.00	165.25	3494.77	3366.62	0.0821
14:17:02	5-JUN	352.78	22.00	164.52	3499.39	3371.24	0.0752
14:19:02	5-JUN	354.78	24.00	163.89	3503.18	3375.03	0.0694
14:21:02	5-JUN	356.78	26.00	163.35	3506.45	3378.30	0.0645
14:23:02	5-JUN	358.78	28.00	162.91	3509.29	3381.14	0.0602
14:25:02	5-JUN	360.78	30.00	162.54	3511.83	3383.68	0.0564
14:30:02	5-JUN	365.78	35.00	161.89	3517.22	3389.07	0.0488
14:35:02	5-JUN	370.78	40.00	161.49	3521.78	3393.63	0.0430
14:40:02	5-JUN	375.78	45.00	161.26	3525.71	3397.56	0.0384
14:45:02	5-JUN	380.78	50.00	161.13	3529.18	3401.03	0.0347
14:50:02	5-JUN	385.78	55.00	161.06	3532.35	3404.20	0.0317
14:55:02	5-JUN	390.78	60.00	161.01	3535.20	3407.05	0.0291
15:00:02	5-JUN	395.78	65.00	160.99	3537.78	3409.63	0.0269
15:02:12	5-JUN	397.95	67.17	160.99	3560.75	3432.60	0.0261

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
15:07:02	5-JUN	402.78	0.00	159.91	144.72
15:22:02	5-JUN	417.78	15.00	147.52	242.01
15:37:02	5-JUN	432.78	30.00	142.27	327.34
15:52:02	5-JUN	447.78	45.00	139.19	386.19
16:07:02	5-JUN	462.78	60.00	137.70	434.26

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
16:22:02	5-JUN	477.78	75.00	137.08	460.42
16:35:32	5-JUN	491.28	88.50	136.98	476.36

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 476.36 PSIA
PRODUCING TIME = 92.66 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
16:35:32	5-JUN	491.28	0.00	136.98	476.36	0.00	
16:36:32	5-JUN	492.28	1.00	137.01	1189.76	713.40	1.9716
16:37:32	5-JUN	493.28	2.00	137.68	1669.85	1193.49	1.6751
16:38:32	5-JUN	494.28	3.00	139.05	1925.53	1449.17	1.5036
16:39:32	5-JUN	495.28	4.00	140.61	2072.27	1595.91	1.3832
16:40:32	5-JUN	496.28	5.00	142.11	2167.65	1691.29	1.2907
16:41:32	5-JUN	497.28	6.00	143.42	2236.93	1760.57	1.2160
16:42:32	5-JUN	498.28	7.00	144.55	2290.29	1813.93	1.1534
16:43:32	5-JUN	499.28	8.00	145.51	2332.57	1856.21	1.0998
16:44:32	5-JUN	500.28	9.00	146.32	2366.98	1890.62	1.0529
16:45:32	5-JUN	501.28	10.00	146.98	2395.53	1919.17	1.0114
16:47:32	5-JUN	503.28	12.00	147.97	2440.32	1963.96	0.9406
16:49:32	5-JUN	505.28	14.00	148.60	2473.68	1997.32	0.8819
16:51:32	5-JUN	507.28	16.00	149.00	2499.59	2023.23	0.8319
16:53:32	5-JUN	509.28	18.00	149.23	2520.44	2044.08	0.7887
16:55:32	5-JUN	511.28	20.00	149.36	2537.65	2061.29	0.7507
16:57:32	5-JUN	513.28	22.00	149.43	2552.13	2075.77	0.7170
16:59:32	5-JUN	515.28	24.00	149.47	2564.61	2088.25	0.6867
17:01:32	5-JUN	517.28	26.00	149.49	2575.57	2099.21	0.6593
17:03:32	5-JUN	519.28	28.00	149.50	2585.46	2109.10	0.6344
17:05:32	5-JUN	521.28	30.00	149.52	2594.49	2118.13	0.6116
17:10:32	5-JUN	526.28	35.00	149.61	2614.55	2138.19	0.5620
17:15:32	5-JUN	531.28	40.00	149.77	2632.15	2155.79	0.5207
17:20:32	5-JUN	536.28	45.00	150.01	2648.19	2171.83	0.4856
17:25:32	5-JUN	541.28	50.00	150.28	2663.07	2186.71	0.4553
17:30:32	5-JUN	546.28	55.00	150.55	2676.95	2200.59	0.4289
17:35:32	5-JUN	551.28	60.00	150.84	2690.02	2213.66	0.4056
17:40:32	5-JUN	556.28	65.00	151.12	2702.42	2226.06	0.3848
17:45:32	5-JUN	561.28	70.00	151.41	2714.18	2237.82	0.3662
17:50:32	5-JUN	566.28	75.00	151.70	2725.47	2249.11	0.3494
17:55:32	5-JUN	571.28	80.00	151.99	2736.22	2259.86	0.3341
18:00:32	5-JUN	576.28	85.00	152.24	2746.55	2270.19	0.3202
18:05:32	5-JUN	581.28	90.00	152.49	2756.46	2280.10	0.3074
18:10:32	5-JUN	586.28	95.00	152.74	2766.06	2289.70	0.2956
18:15:32	5-JUN	591.28	100.00	153.00	2775.26	2298.90	0.2848
18:20:32	5-JUN	596.28	105.00	153.23	2784.19	2307.83	0.2747
18:25:32	5-JUN	601.28	110.00	153.46	2792.75	2316.39	0.2654
18:30:32	5-JUN	606.28	115.00	153.68	2801.14	2324.78	0.2567
18:35:32	5-JUN	611.28	120.00	153.88	2809.13	2332.77	0.2485
18:40:32	5-JUN	616.28	125.00	154.08	2817.02	2340.66	0.2409
18:45:32	5-JUN	621.28	130.00	154.27	2824.59	2348.23	0.2337

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 476.36 PSIA
PRODUCING TIME = 92.66 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 HORN TIME
18:50:32	5-JUN	626.28	135.00	154.47	2832.06	2355.70	0.2270
18:55:32	5-JUN	631.28	140.00	154.67	2839.23	2362.87	0.2206
19:00:32	5-JUN	636.28	145.00	154.85	2846.24	2369.88	0.2146
19:05:32	5-JUN	641.28	150.00	155.03	2853.05	2376.69	0.2089
19:10:32	5-JUN	646.28	155.00	155.23	2859.75	2383.39	0.2035
19:15:32	5-JUN	651.28	160.00	155.39	2866.29	2389.93	0.1984
19:20:32	5-JUN	656.28	165.00	155.55	2872.74	2396.38	0.1936
19:25:32	5-JUN	661.28	170.00	155.71	2878.94	2402.58	0.1889
19:30:32	5-JUN	666.28	175.00	155.86	2885.07	2408.71	0.1845
19:35:32	5-JUN	671.28	180.00	156.00	2891.10	2414.74	0.1803
19:50:32	5-JUN	686.28	195.00	156.42	2908.53	2432.17	0.1688
20:05:32	5-JUN	701.28	210.00	156.76	2924.95	2448.59	0.1587
20:20:32	5-JUN	716.28	225.00	157.08	2940.62	2464.26	0.1498
20:35:32	5-JUN	731.28	240.00	157.41	2955.52	2479.16	0.1418
20:50:32	5-JUN	746.28	255.00	157.71	2969.85	2493.49	0.1346
21:05:32	5-JUN	761.28	270.00	157.98	2983.53	2507.17	0.1281
21:20:32	5-JUN	776.28	285.00	158.23	2996.69	2520.33	0.1223
21:35:32	5-JUN	791.28	300.00	158.49	3009.38	2533.02	0.1169
21:50:32	5-JUN	806.28	315.00	158.74	3021.49	2545.13	0.1120
22:05:32	5-JUN	821.28	330.00	158.97	3033.23	2556.87	0.1075
22:20:32	5-JUN	836.28	345.00	159.19	3044.53	2568.17	0.1033
22:35:32	5-JUN	851.28	360.00	159.40	3055.42	2579.06	0.0995
22:50:32	5-JUN	866.28	375.00	159.60	3065.94	2589.58	0.0959
23:05:32	5-JUN	881.28	390.00	159.80	3076.07	2599.71	0.0926
23:20:32	5-JUN	896.28	405.00	159.98	3085.79	2609.43	0.0895
23:35:32	5-JUN	911.28	420.00	160.16	3095.28	2618.92	0.0866
23:50:32	5-JUN	926.28	435.00	160.32	3104.37	2628.01	0.0839
0:05:32	6-JUN	941.28	450.00	160.50	3113.14	2636.78	0.0813
0:20:32	6-JUN	956.28	465.00	160.65	3121.56	2645.20	0.0789
0:35:32	6-JUN	971.28	480.00	160.81	3129.82	2653.46	0.0767
0:50:32	6-JUN	986.28	495.00	160.95	3137.68	2661.32	0.0745
1:05:32	6-JUN	1001.28	510.00	161.10	3145.31	2668.95	0.0725
1:20:32	6-JUN	1016.28	525.00	161.24	3152.72	2676.36	0.0706
1:35:32	6-JUN	1031.28	540.00	161.35	3159.79	2683.43	0.0688
1:50:32	6-JUN	1046.28	555.00	161.49	3166.61	2690.25	0.0671
2:01:12	6-JUN	1056.95	565.67	161.58	3169.55	2693.19	0.0659