

Schlumberger

TESTING SERVICES REPORT

Report Number

10913657

Test Date

JAN/ 9/ 05

Report Date

JAN/10/05

POGO

O.H. DST

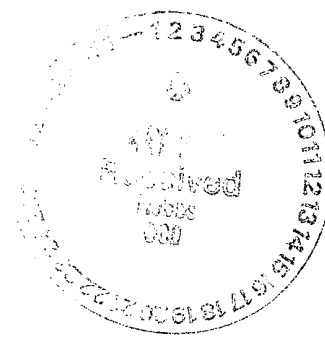
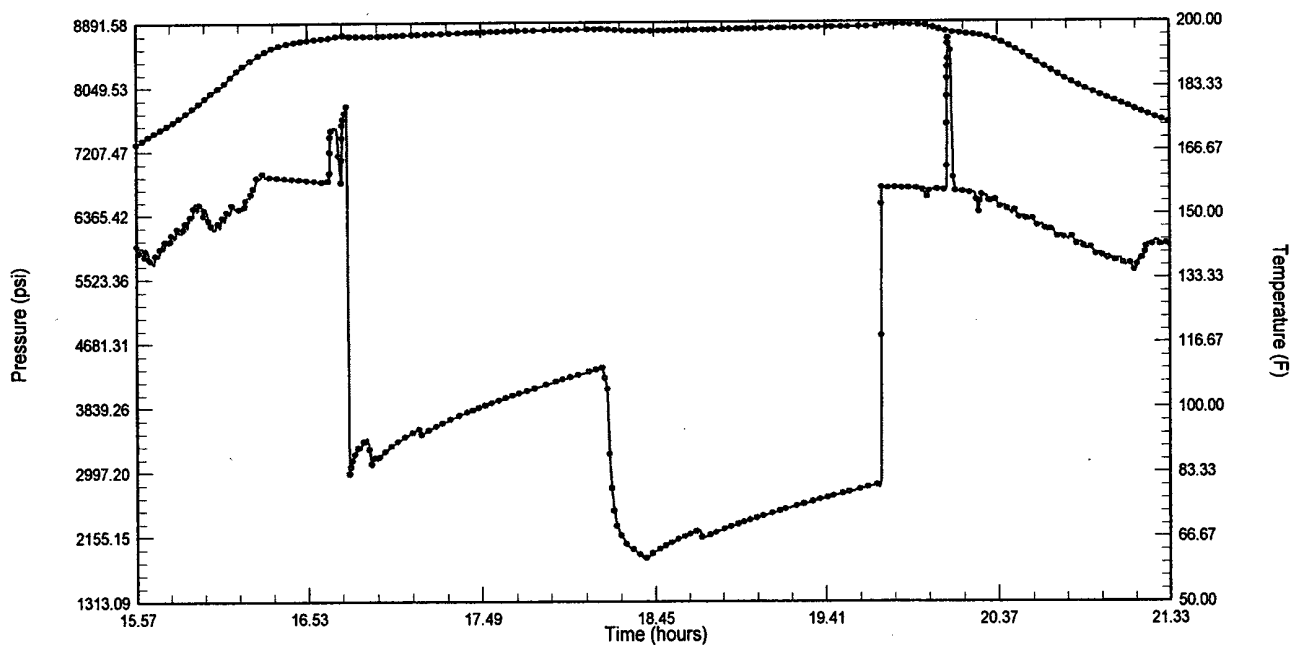
#1

FOXGLOVE - 29 FED. #1

WILDCAT

Rig : PATTERSON #631

LEA - NM.



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

O.H. DST

Test Date : JAN/ 9/ 05

Productivity Index ()

Schlumberger**Sample Chamber Data****POGO
O.H. DST**FOXGLOVE 29 FED. #1
WILDCAT10913657
JAN/ 9/ 05

Sample Chamber Capacity (cc) 2000

Measured Fluid Recovery

	<u>Temp (F)</u>	<u>Press (psia)</u>
Oil (cc)	API Gravity	75.0
Water (cc)	Res. (ohms) ...	
Mud (cc) 2000	Res. (ohms) ...	
Total Liquid Recovery (cc)		
Gas (ft3)		

Corrected Sample Chamber Gas Recovery

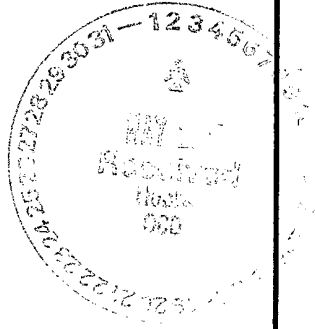
Bottomhole Temperature (F) 199	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia) 2229	Est Z Value @ Pwf and Tres	0.889
Corrected Gas Recovery (scf) 0.000		

Sample Chamber Fluid Ratios

Sample Chamber Water Cut
GOR Using Corrected Gas Recovery
GLR Using Corrected Gas Recovery

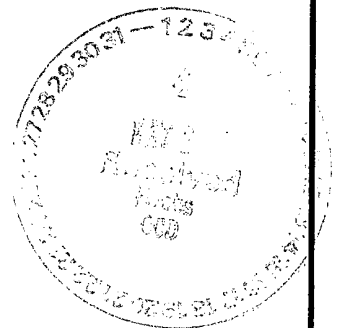
Pipe Recovery

<u>Description</u>	<u>Recovery</u> <u>feet</u>	<u>Pipe ID</u> <u>(in)</u>	<u>Recovery</u> <u>bbl</u>	<u>Oil Density</u> <u>API</u>	<u>RES</u> <u>ohm</u>	<u>CHL</u> <u>ppm</u>
WATER CUSTION	3000	2.7	21.24		0.543	8000



10913657
JAN/ 9/ 05

THIS DST ON THE ATOKA FORMATION LOOKS MECH SUCCESSFUL , POSSIBLE SLIGHT TOOL PLUGGING ON FIRST FLOW ATTEMPT



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Sequence of Events

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FOXGLOVE 29 FED. #1

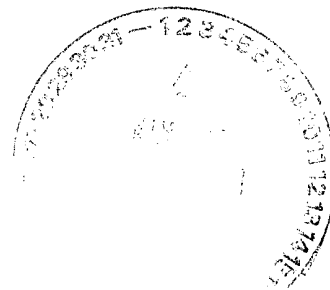
10913657

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JAN/ 9/ 05

Date (dd-mm-yy)	Time (hh:mm:ss)	Comments
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10-Jan-05	11:10	HOLD JSA MEETING
	11:20	SET PACKERS
	11:26	OPEN TOOL 0 FLOW
	11:30	CYCLE TOOL
	11:34	CYCLE TOOL
	11:35	OPEN TOOL 1/8" HOSE 0 FLOW
	11:50	END FLOW START SHUT-IN
	12:50	END SHUT-IN
	12:52	OPEN TOOL 1/8" HOSE 0 FLOW
	13:23	END FLOW START SHUT-IN
	14:23	END SHUT-IN
	14:25	PULLED LOOSE



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Data Plots
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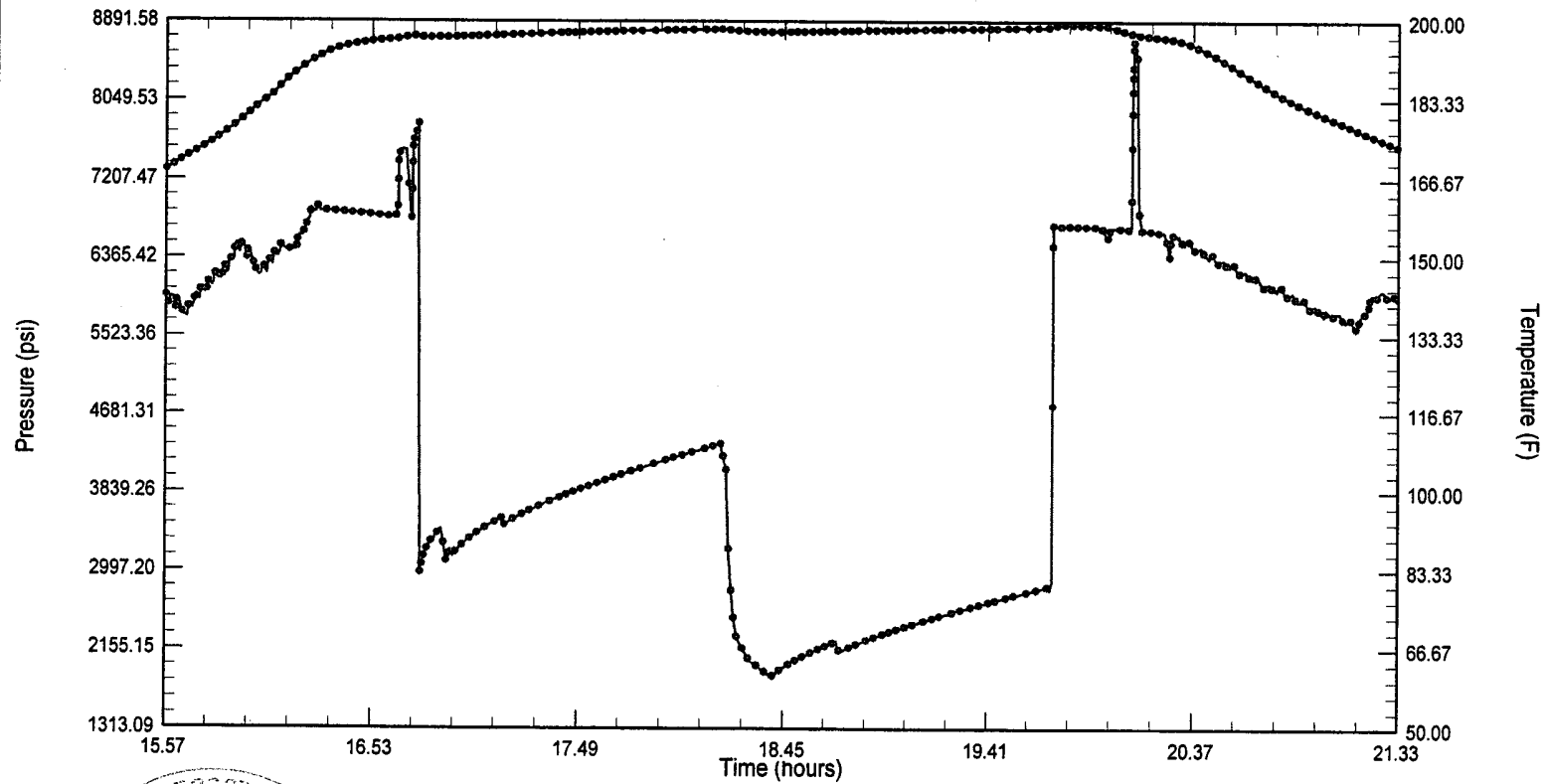
FOXGLOVE 29 FED. #1

10913657

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JAN/ 9/ 05

Bottomhole Pressure and Temperature Log



Gauge Depth: 14408 ft-TVD - 14408 ft MD

Gauge ID 1202

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Quicklook Plots

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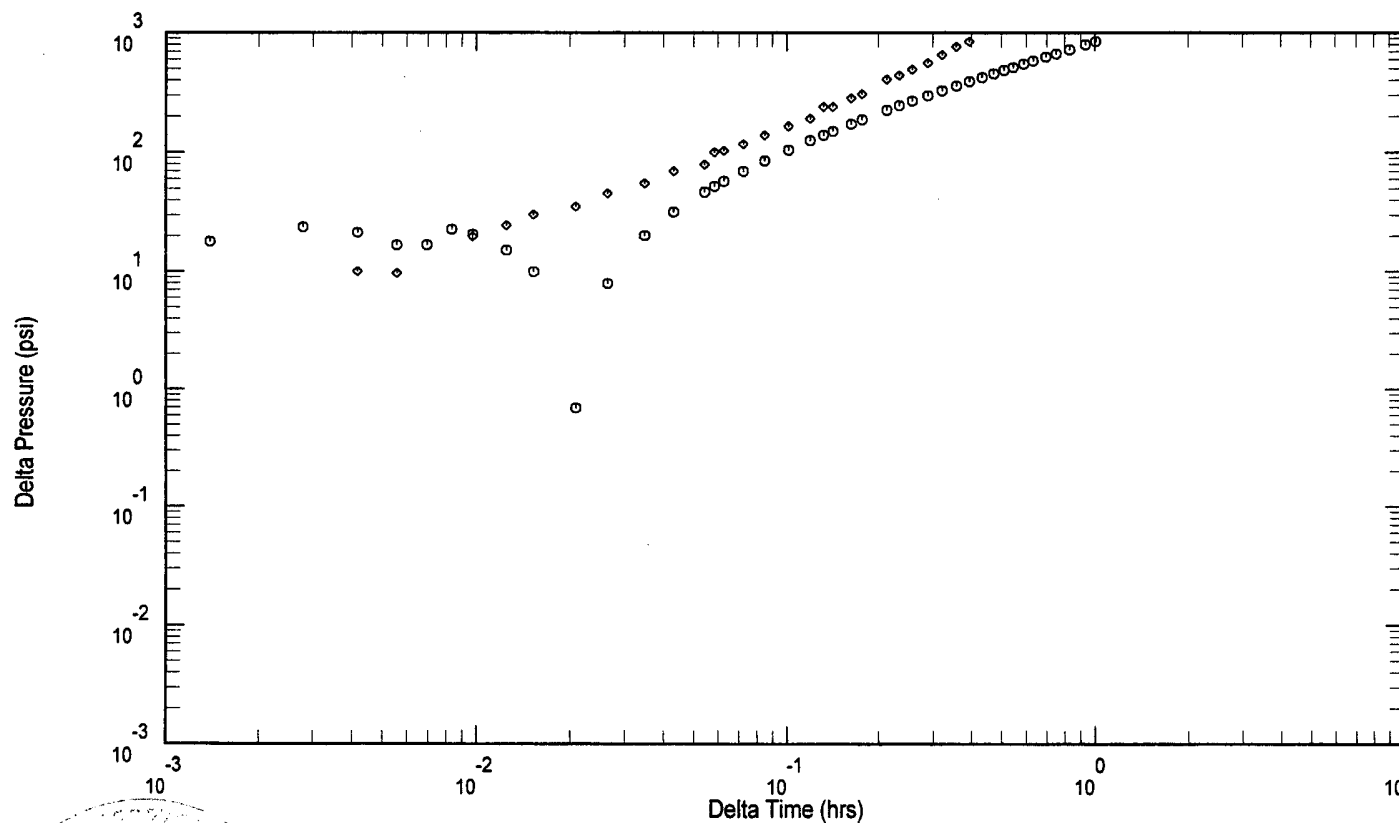
FOXGLOVE 29 FED. #1

10913657

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JAN/ 9/ 05

Log-log Plot - Initial Shutin Period



Gauge Depth : 14408 ft TVD - 14408 ft MD

Gauge ID : 1202

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Quicklook Plots

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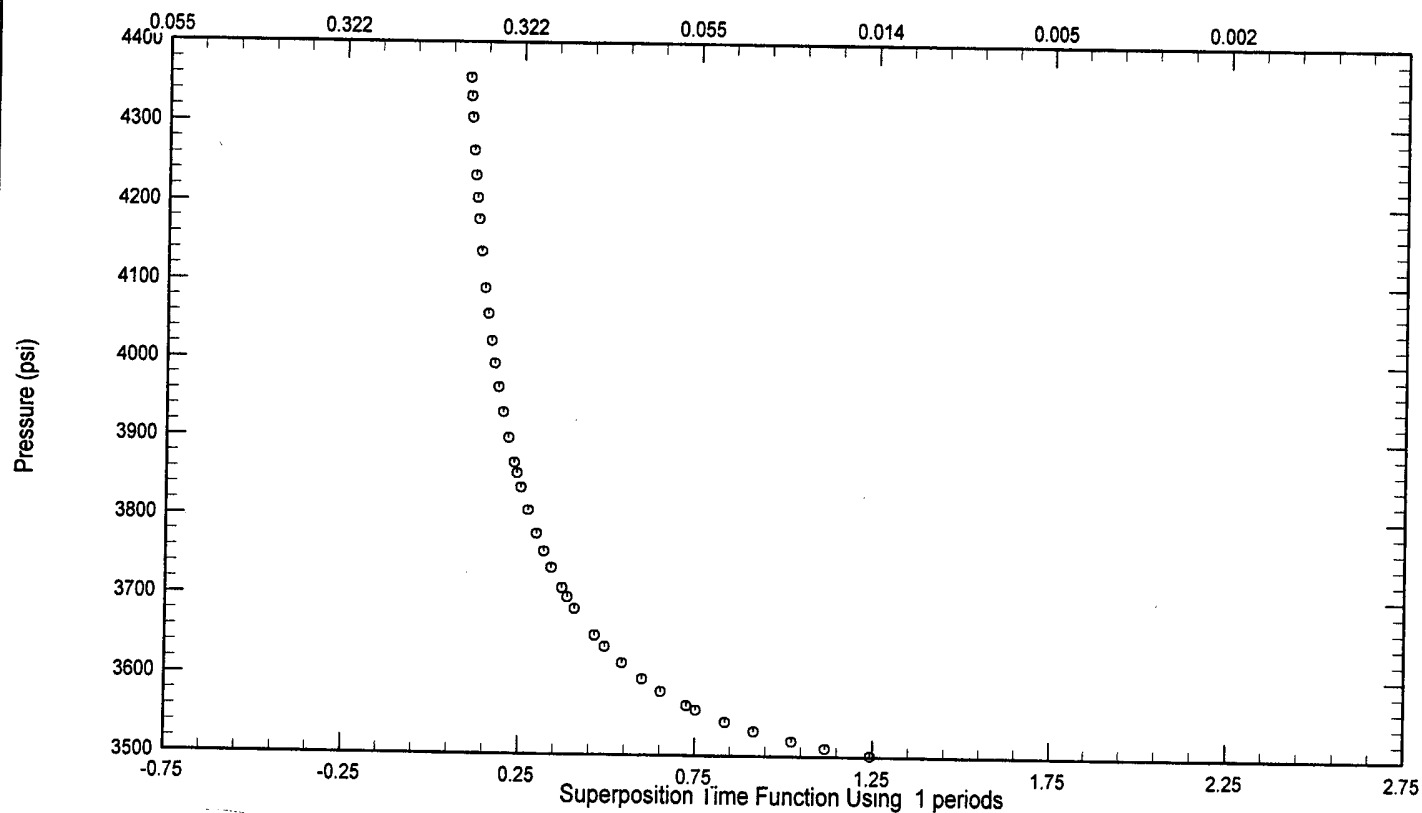
FOXGLOVE 29 FED. #1

10913657

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JAN/ 9/ 05

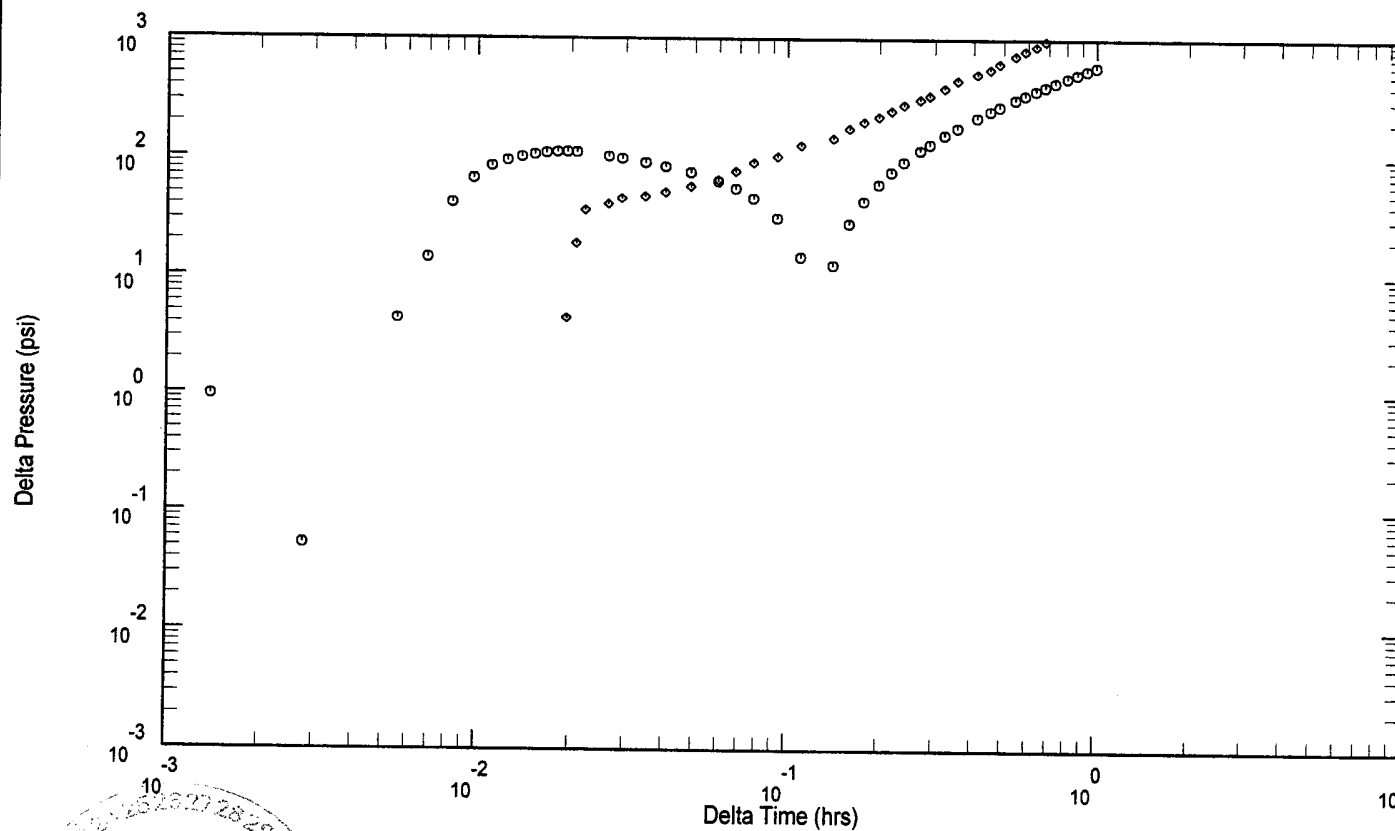
Semi-log Plot - Initial Shutin Period



Gauge Depth : 14408 ft TVD - 14408 ft MD

Gauge ID : 1202

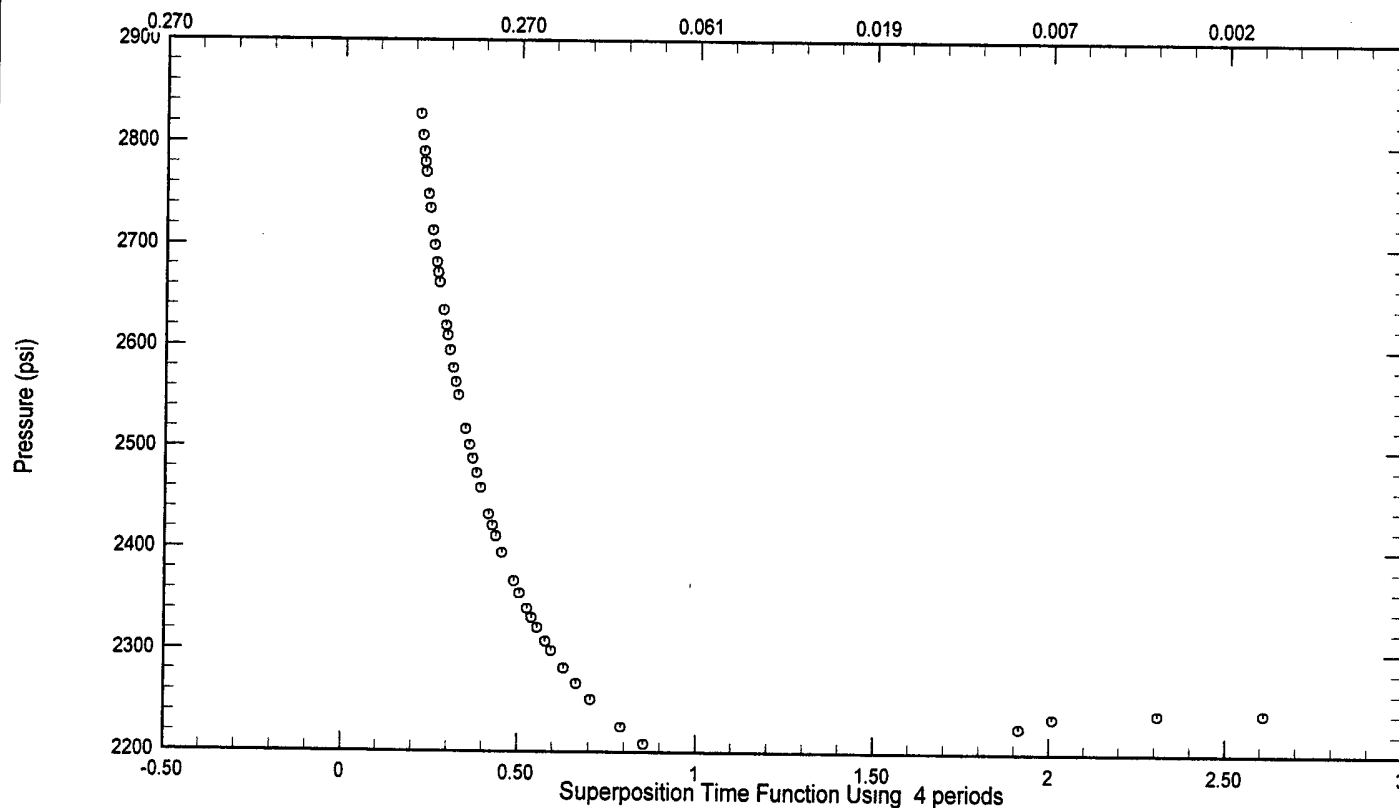
Log-log Plot - Second Shutin Period



Gauge Depth : 14408 ft TVD - 14408 ft MD

Gauge ID : 1202

Semi-log Plot - Second Shutin Period



Gauge Depth: 14408 ft TVD - 14408 ft MD

Gauge ID: 1202

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Label Point Data

POGO

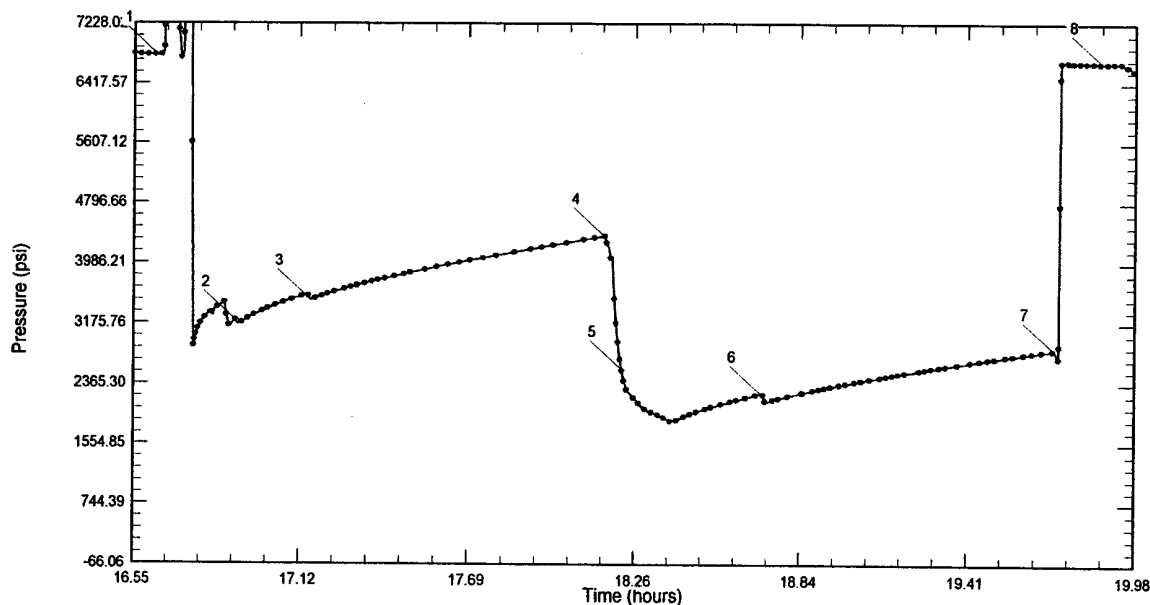
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FOXGLOVE 29 FED. #1

10913657

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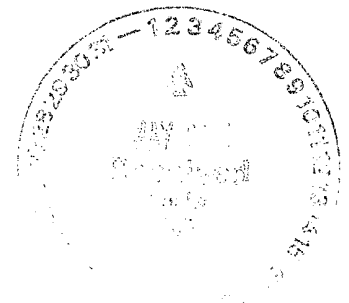
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Label Point / Comments	Date (dd-mm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
Label Point Summary					
1) Hydrostatic Pressure	10-Jan-05	11:18:47	16.630	6800.90	0
2) Start Flow	10-Jan-05	11:35:07	16.902	3219.04	1
3) End Flow & Start Shut-in	10-Jan-05	11:50:12	17.153	3511.48	0
4) End Shut-in	10-Jan-05	12:50:32	18.159	4355.33	0
5) Start Flow	10-Jan-05	12:54:07	18.219	2568.44	1
6) End Flow & Start Shut-in	10-Jan-05	13:23:07	18.702	2239.30	0
7) End Shut-in	10-Jan-05	14:23:17	19.705	2830.31	0
8) Hydrostatic Pressure	10-Jan-05	14:33:02	19.867	6704.86	0

Schlumberger**Gauge Data****POGO****O.H. DST****FOXGLOVE 29 FED. #1****Gauge Serial # 1202****10913657****WILDCAT****JAN/ 9/ 05**

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
Initial Flow					
10-Jan-05	11:35:07	16.90194	3219.039	196.57	
10-Jan-05	11:38:22	16.95611	3262.909	196.65	
10-Jan-05	11:41:47	17.01306	3371.953	196.74	
10-Jan-05	11:44:57	17.06583	3455.254	196.84	
10-Jan-05	11:48:42	17.12833	3539.004	196.97	
Initial Shut-in					
10-Jan-05	11:50:12	17.15333	3511.480	197.01	
10-Jan-05	11:50:17	17.15472	3493.698	197.01	
10-Jan-05	11:56:17	17.25472	3615.946	197.19	
10-Jan-05	12:02:57	17.36583	3734.845	197.38	
10-Jan-05	12:08:07	17.45194	3816.376	197.53	
10-Jan-05	12:14:27	17.55750	3908.746	197.67	
10-Jan-05	12:20:42	17.66167	3994.376	197.82	
10-Jan-05	12:28:07	17.78528	4090.647	197.94	
10-Jan-05	12:35:12	17.90333	4177.845	198.07	
10-Jan-05	12:39:52	17.98111	4233.253	198.14	
10-Jan-05	12:46:07	18.08528	4305.593	198.25	
Second Flow					
10-Jan-05	12:54:07	18.21861	2568.435	198.07	
10-Jan-05	12:57:02	18.26722	2152.133	197.91	
10-Jan-05	12:59:57	18.31583	2002.780	197.82	
10-Jan-05	13:02:52	18.36444	1923.313	197.76	
10-Jan-05	13:05:47	18.41306	1889.136	197.74	
10-Jan-05	13:08:52	18.46444	1975.709	197.74	
10-Jan-05	13:12:47	18.52972	2059.377	197.80	
10-Jan-05	13:15:52	18.58111	2117.700	197.83	
10-Jan-05	13:19:57	18.64917	2188.361	197.91	
10-Jan-05	13:23:07	18.70194	2239.297	197.96	
Second Shut-in					
10-Jan-05	13:23:07	18.70194	2239.297	197.96	
10-Jan-05	13:23:12	18.70333	2240.246	197.96	
10-Jan-05	13:28:42	18.79500	2208.325	198.03	
10-Jan-05	13:33:47	18.87972	2282.387	198.12	
10-Jan-05	13:38:07	18.95194	2340.939	198.19	
10-Jan-05	13:43:47	19.04639	2412.146	198.28	
10-Jan-05	13:47:57	19.11583	2462.655	198.34	
10-Jan-05	13:52:57	19.19917	2519.957	198.41	



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Gauge Data

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FOXGLOVE 29 FED. #1

Gauge Serial # 1202

10913657

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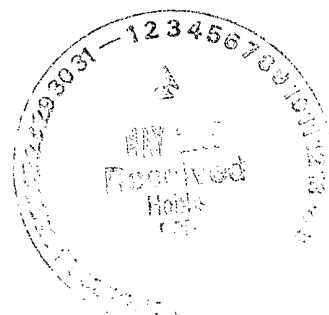
JAN/ 9/ 05

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
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10-Jan-05	13:58:12	19.28667	2578.226	198.48	
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10-Jan-05	14:03:32	19.37556	2635.109	198.54	
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10-Jan-05	14:08:07	19.45194	2681.982	198.59	
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Gauge Comparison

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JAN/ 9/ 05

