



Kimball NE
(308) 235-2466

Test-A-Log Co.
075-09333



01075265



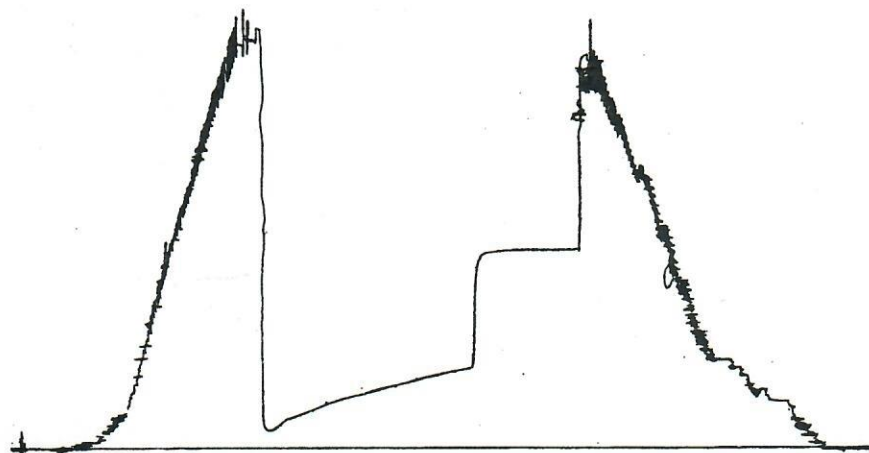
Contractor Caza Drilling Rig No. 32 Spot NW/NW/NE Sec 6 Twp 9 N Rng 52 W Field West Padroni County Logan State Colorado Elevation 4061' KB - 4051' GL Formation J Sand	Surface Choke 1" Bottom Choke 5/8" Hole Size 7 7/8" Core Hole Size DP Size & Wt 4 1/2" 16.60 Wt Pipe ID of DC 2 1/4" Length of DC 432' Total Depth 5146' (log) Type of Test Straddle Interval 4775'- 4786'	Mud Type Chemical/Gel Weight 9.6 Viscosity 66 Water Loss 5.8 Filter Cake 1/32 RW 1.6 @ 70 Deg F B.H.T. 3,536 Ppm Co. Rep. Deg F Tester Roger Seeman																																																													
Pipe recovery: 1100' Total fluid = 11.60 bbl., consisting of: 60' Highly oil cut mud = 0.85 bbl. 60' Muddy water = 0.85 bbl. 980' Water = 9.90 bbl. Top rw: 1.4 @ 70 Deg F/4,072 ppm NaCl. Middle rw: 1.0 @ 70 Deg F/5,815 ppm NaCl. Bottom rw: 1.0 @ 70 Deg F/5,815 ppm NaCl. Surface Blow Began with a 1" blow, increased to a good 8.0 oz blow in 7 minutes; began to decrease slowly after 85 minutes to 6.0 oz in 120 minutes. Gas to surface 5 minutes into the shut-in period.		Pressure in Sampler 60 psig Volume of Sampler 2000 cc Volume of Sample 2000 cc Oil: 100 cc Water: 1900 cc Mud: 0 cc Gas: Trace cu ft Other: 0 Rw: 1.0 @ 70 Deg F/5.2 @ Res Temp/ 5,815 ppm NaCl., 3,535 ppm Cl. Gas/Oil Ratio Gravity API @ 60 Deg F																																																													
		Gauge Type Mechanical No. 13406 Cap 5600 psi Depth 4779 ft. Inside X Outside																																																													
		<table border="0"> <tr><td>Initial Hydrostatic</td><td>[A]</td><td>2391</td></tr> <tr><td>Final Hydrostatic</td><td>[K]</td><td>2298</td></tr> <tr><td>Initial Flow 1</td><td>[B]</td><td>93</td></tr> <tr><td>Final Flow 1</td><td>[C]</td><td>474</td></tr> <tr><td>Initial Flow 2</td><td>[E]</td><td></td></tr> <tr><td>Final Flow 2</td><td>[F]</td><td></td></tr> <tr><td>Initial Flow 3</td><td>[H]</td><td></td></tr> <tr><td>Final Flow 3</td><td>[I]</td><td></td></tr> <tr><td>Shut-in 1</td><td>[D]</td><td>1171</td></tr> <tr><td>Shut-in 2</td><td>[G]</td><td></td></tr> <tr><td>Shut-in 3</td><td>[J]</td><td></td></tr> </table> Opened Tool @ 14:00 hrs on 11-02-02 <table border="0"> <tr><td></td><td>Reported</td><td>Corrected</td><td></td></tr> <tr><td>Flow 1</td><td>120</td><td>119</td><td>min</td></tr> <tr><td>Shut-in 1</td><td>60</td><td>61</td><td>min</td></tr> <tr><td>Flow 2</td><td></td><td></td><td>min</td></tr> <tr><td>Shut-in 2</td><td></td><td></td><td>min</td></tr> <tr><td>Flow 3</td><td></td><td></td><td>min</td></tr> <tr><td>Shut-in 3</td><td></td><td></td><td>min</td></tr> </table>	Initial Hydrostatic	[A]	2391	Final Hydrostatic	[K]	2298	Initial Flow 1	[B]	93	Final Flow 1	[C]	474	Initial Flow 2	[E]		Final Flow 2	[F]		Initial Flow 3	[H]		Final Flow 3	[I]		Shut-in 1	[D]	1171	Shut-in 2	[G]		Shut-in 3	[J]			Reported	Corrected		Flow 1	120	119	min	Shut-in 1	60	61	min	Flow 2			min	Shut-in 2			min	Flow 3			min	Shut-in 3			min
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COMPANY
ADVANTAGE RESOURCES, INC.
LEASE NAME & NO
FLUHARTY #1
INTERVAL TESTED
4775- 4786'

COUNTY
LOGAN
STATE
COLORADO
FORMATION
J SAND

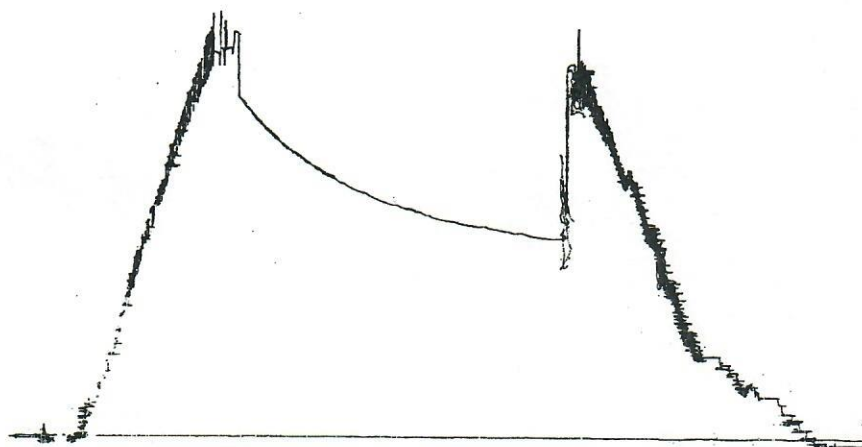
DATE
11-02-2002
TICKET #
2463
TEST #
2





Gauge Type Mechanical
No. 11036 Cap. 7000 psi
Depth 4781 ft.
Inside Outside x

Initial Hydrostatic A 2391
Final Hydrostatic K 2297
Initial Flow 1 B 108
Final Flow 1 C 474
Initial Flow 2 E
Final Flow 2 F
Initial Flow 3 H
Final Flow 3 I
Shut-in 1 D 1169
Shut-in 2 G
Shut-in 3 J



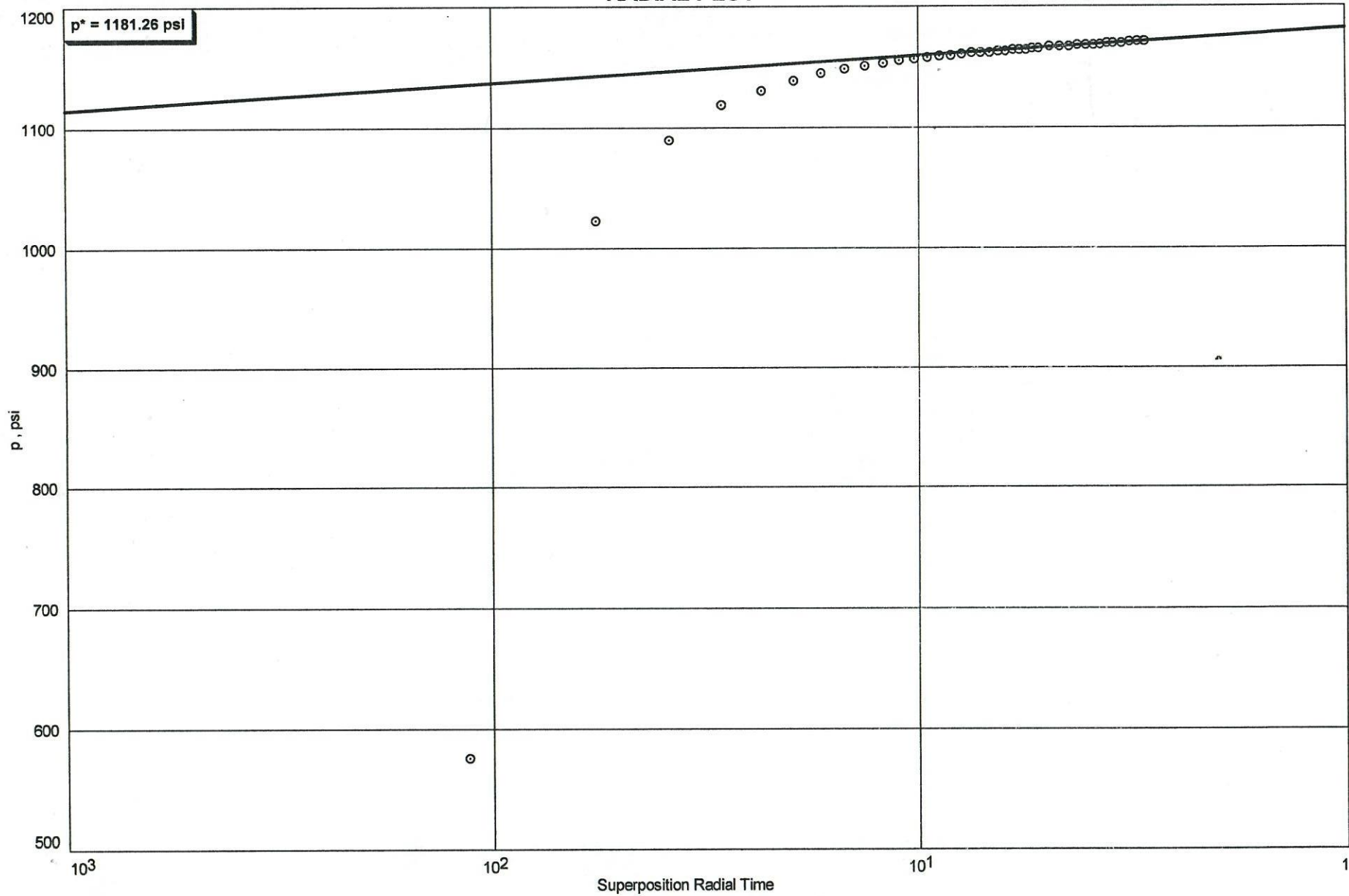
Gauge Type Mechanical
No. 13202 Cap. 6900 psi
Depth 4803 ft.
Inside Outside x

Initial Hydrostatic A
Final Hydrostatic K
Initial Flow 1 B
Final Flow 1 C
Initial Flow 2 E
Final Flow 2 F
Initial Flow 3 H
Final Flow 3 I
Shut-in 1 D 1250
Shut-in 2 G
Shut-in 3 J
Indicates the bottom packer seat held

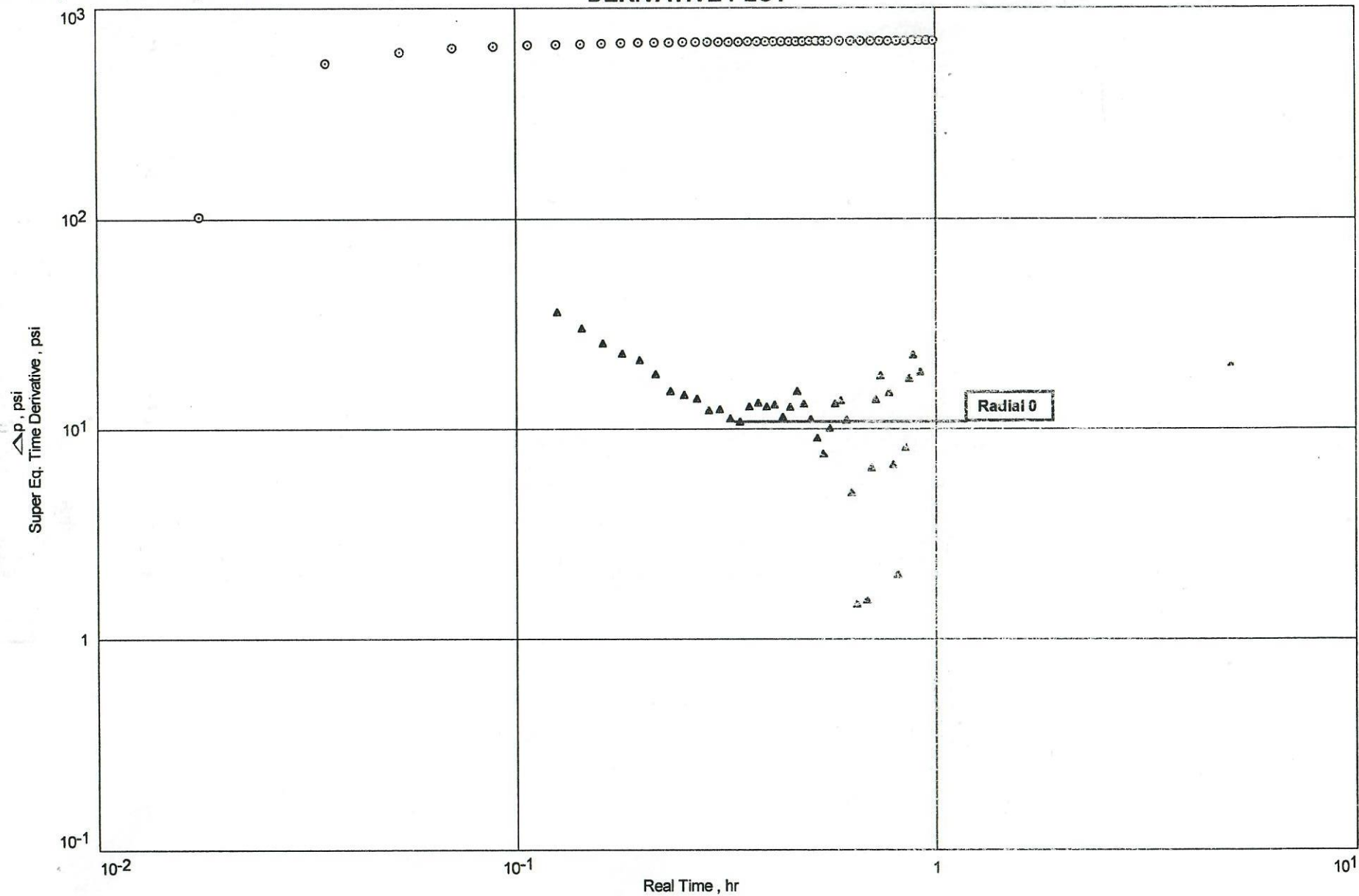
Gauge Type
No. Cap. psi
Depth ft.
Inside Outside

Initial Hydrostatic A
Final Hydrostatic K
Initial Flow 1 B
Final Flow 1 C
Initial Flow 2 E
Final Flow 2 F
Initial Flow 3 H
Final Flow 3 I
Shut-in 1 D
Shut-in 2 G
Shut-in 3 J

RADIAL PLOT



DERIVATIVE PLOT



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