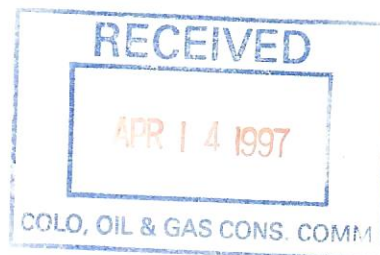
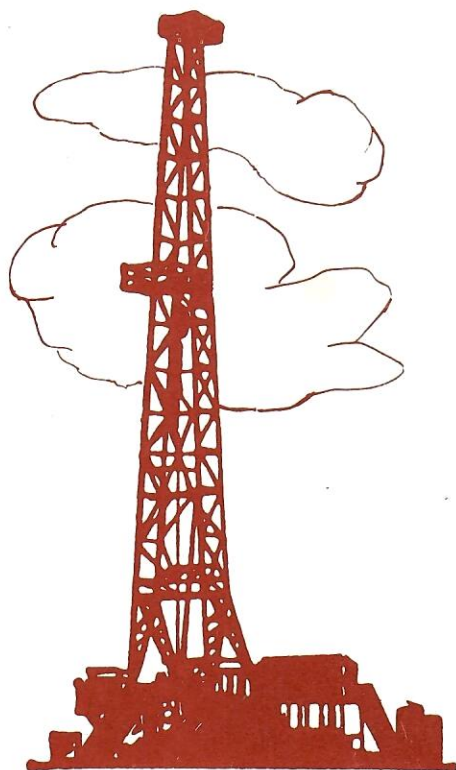




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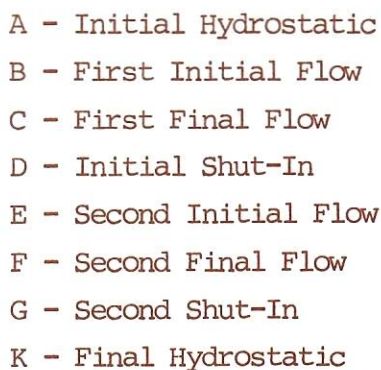
PICK TESTERS

Drill Stem Test Report

Box 341
Sterling, CO 80751

Phone
(303) 522-8387

Kuster AK-1 Chart



Original pressure charts on file at the above location.



PICK TESTERS

 Box 341
 Sterling, CO 80751

 Contractor **Gear Drilling Co.**
 Rig No. **2**
 Spot **E/2 NW/NW**
 Sec. **35**
 Twp. **2 N**
 Rng. **56 W**
 Field **Wildcat**
 County **Morgan**
 State **Colorado**
 Elevation **4362' KB**
 Formation **"D" Sand**

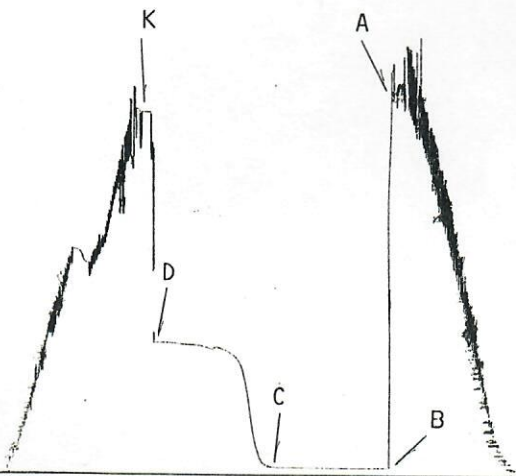
 Surface Choke **1"**
 Bottom Choke **3/4"**
 Hole Size **7 7/8"**
 Core Hole Size **None**
 DP Size & Wt. **4 1/2" 16.60**
 Wt. Pipe **None**
 I.D. of DC **2 1/4"**
 Length of DC **364'**
 Total Depth **5131'**
 Type Test **Straddle**
 Interval **5071' - 5081'**

 Mud Type **Chemical/Gel**
 Weight **8.9**
 Viscosity **60+**
 Water Loss **--**
 Filter Cake **--**
 Resistivity **4.0 @ 65 °F**
1,447 Ppm. NaCl
 B.H.T. **146 °F**
 Co. Rep. **David Winslow**
 Tester **David Pickering**

	REPORTED	CORRECTED
Opened Tool @	03:08	
Flow No. 1	90	90
Shut-in No. 1	90	90
Flow No. 2	None Taken	
Shut-in No. 2	"	"
Flow No. 3	"	"
Shut-in No. 3	"	"

 Recorder Type **Kuster AK-1**
 No. **6249** Cap. **4950** psi
 Depth **5091** feet
 Inside **x** Outside

Initial Hydrostatic	A	2481.5
Final Hydrostatic	K	2347.7
Initial Flow	B	54.2
Final Initial Flow	C	50.2
Initial Shut-in	D	857.4
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	


 Pipe Recovery: **443' Gas above fluid**
77' Total fluid = 0.37 bbl., consisting of:
15' Oil = 0.07 bbl.
15' Oil cut mud = 0.07 bbl.
47' Water w/slight oil stain = 0.23 bbl.

 Resistivity:
 Middle: **2.2 @ 62 Deg F/.99 @ Res Temp/2,838 ppm NaCl., 1,725 ppm Cl.**
 Bottom: **0.9 @ 62 Deg F/.41 @ Res Temp/7,310 ppm NaCl., 4,444 ppm Cl.**

 1st Flow: **Tool opened with a slight blow, slowly increase to a fair blow off bottom of bucket in 70 minutes and remained thru flow period.**

 Remarks: **The pressure charts indicate an anomaly occurred approximately 40 minutes into the shut-in period. The cause of this anomaly may be due to a very slight leak occurring. The reliability of the build-up curve following the anomaly may be subject to question.**

 Operator **WINSLow RESOURCES, INC.**
 Ticket No. **1412**
 Date **11/15/91**
 Well Name & No. **COOK #1**
 Location **E/2 NW/NW S-35 T-2N R-56W**
 County, State **MORGAN COUNTY, CO**
 DST No. **1**
 Interval **5071' - 5081'**
 Formation **"D" SAND**



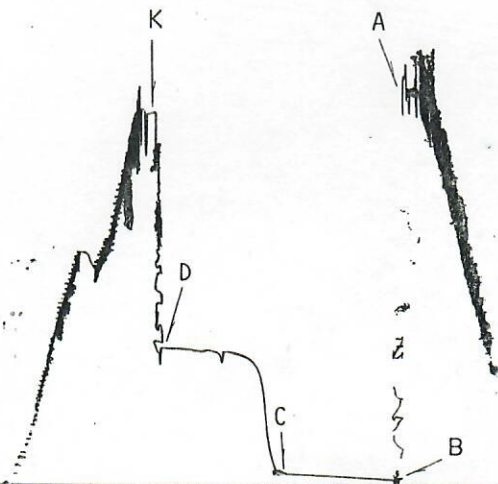
PICK TESTERS

Winslow Resources, Inc.
Operator

Cook #1
Well Name and No.

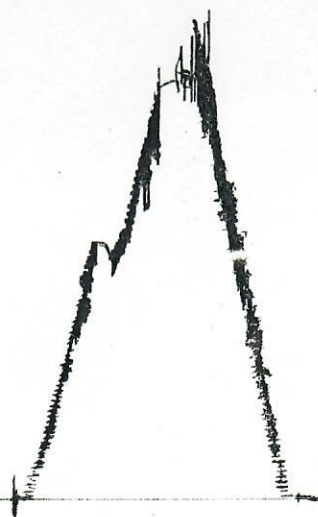
1
DST No.

SCANNED



Recorder Type Kuster AK-1
No. 13338 Cap. 4550 psi
Depth 5064 feet
Inside x Clock
Outside Range 12 hrs.

Initial Hydrostatic A 2489.5
Final Hydrostatic K 2374.8
Initial Flow B 16.5
Final Initial Flow C 62.7
Initial Shut-In D 870.2
Second Initial Flow E _____
Second Final Flow F _____
Second Shut-In G _____
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-In J _____



Recorder Type Kuster AK-1
No. 13617 Cap. 4950 psi
Depth 5097 feet
Inside Clock
Outside x Range 12 hrs.

Initial Hydrostatic A _____
Final Hydrostatic K _____
Initial Flow B _____
Final Initial Flow C _____
Initial Shut-In D _____
Second Initial Flow E _____
Second Final Flow F _____
Second Shut-In G _____
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-In J _____

Bled to: 2447.0



00051007

PICK TESTERS**SAMPLER REPORT****SCANNED**

Company Winslow Resources, Inc. Date 11/15/91
Cook #1 1412
Well Name & No. Morgan Ticket No. Colorado
County 5071'- 5081' State 1
Test Interval DST No.

Pressure in Sampler: 50 _____ psig
Total Volume of Sampler: 2150 _____ cc.
Total Volume of Sample: 2000 _____ cc.
Oil: Trace _____ cc.
Water: 2000 _____ cc.
Mud: None _____ cc.
Gas: 0.34 _____ cu. ft.
Other: None

Sample RW: .85 @ 62 Deg F/.38 @ Res Temp/7,769 ppm NaCl., 4,723 ppm Cl.

Resistivity

Make Up Water _____ @ _____ °F of Chloride Content _____ ppm.
Mud Pit Sample 4.0 @ 65 °F of Chloride Content 1,447 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

On Location.

Where was sample drained _____

Remarks: _____



PICK TESTERS

Winslow Resources, Inc.
Operator

Cook #1
Well Name and No.

1
DST No.

RECORDER NO. 6249 DEPTH 5091 FT.

SCANNED

INITIAL FLOW

DT(MIN) PRESSURE(PSIG)

0	54.2
5	53.5
10	52.8
15	52.8
20	52.5
25	51.8
30	51.4
35	51.4
40	51.3
45	51.3
50	51.1
55	50.7
60	50.6
65	50.5
70	50.4
75	50.4
80	50.3
85	50.2
90	50.2



PICK TESTERS

SCANNED

Winslow Resources, Inc.
Operator

Cook #1
Well Name and No.

1
DST No.

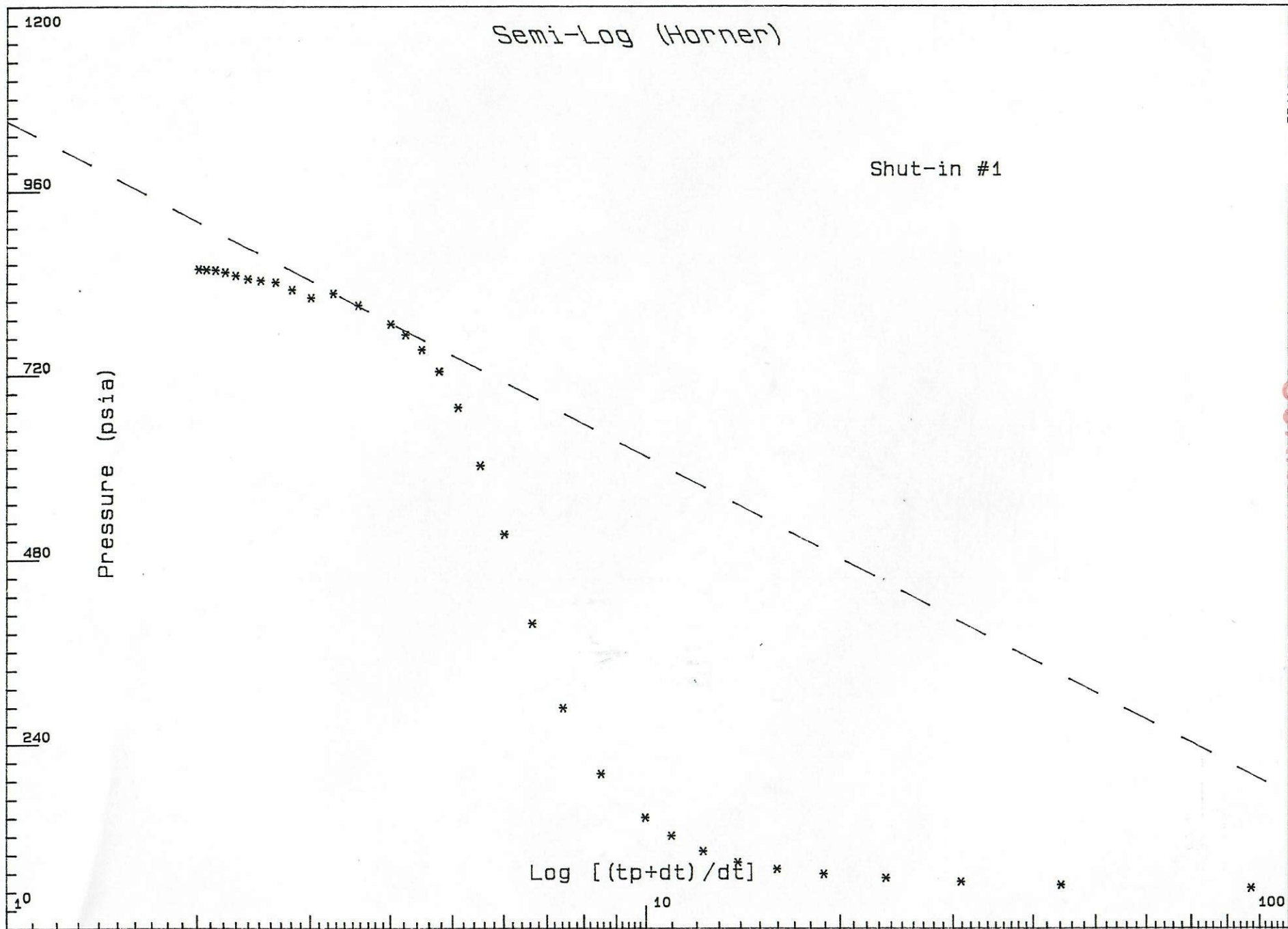
RECORDER NO. 6249 DEPTH 5091 FT.

INITIAL SHUT-IN

INITIAL FLOW TIME: T = 90 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(PSIG)	DP(P SIG)
0		50.2	0.0
1	1.959	53.0	2.9
2	1.663	57.1	7.0
3	1.491	61.3	11.1
4	1.371	66.2	16.1
5	1.279	71.4	21.2
6	1.204	77.7	27.5
7	1.142	86.5	36.3
8	1.088	101.1	50.9
9	1.041	120.9	70.8
10	1.000	144.7	94.5
12	0.929	201.4	151.2
14	0.871	287.2	237.0
16	0.821	396.9	346.7
18	0.778	513.0	462.8
20	0.740	602.2	552.0
22	0.707	677.7	627.6
24	0.677	724.8	674.6
26	0.649	753.2	703.0
28	0.625	772.9	722.7
30	0.602	786.6	736.5
35	0.553	810.8	760.6
40	0.512	826.2	776.0
45	0.477	820.6	770.4
50	0.447	831.0	780.9
55	0.421	840.8	790.6
60	0.398	842.9	792.7
65	0.377	845.1	794.9
70	0.359	849.6	799.4
75	0.342	853.8	803.6
80	0.327	856.5	806.4
85	0.314	857.2	807.0
90	0.301	857.4	807.2

EXTRAPOLATED PRESSURE: 1052.5 PSI
SLOPE: 440.3 PSI/LOG CYCLE
POINTS USED: 3



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SCANNED

Cartesian (P vs Time)

Company: Winslow Resources, Inc.

Well: Cook #1, DST #1

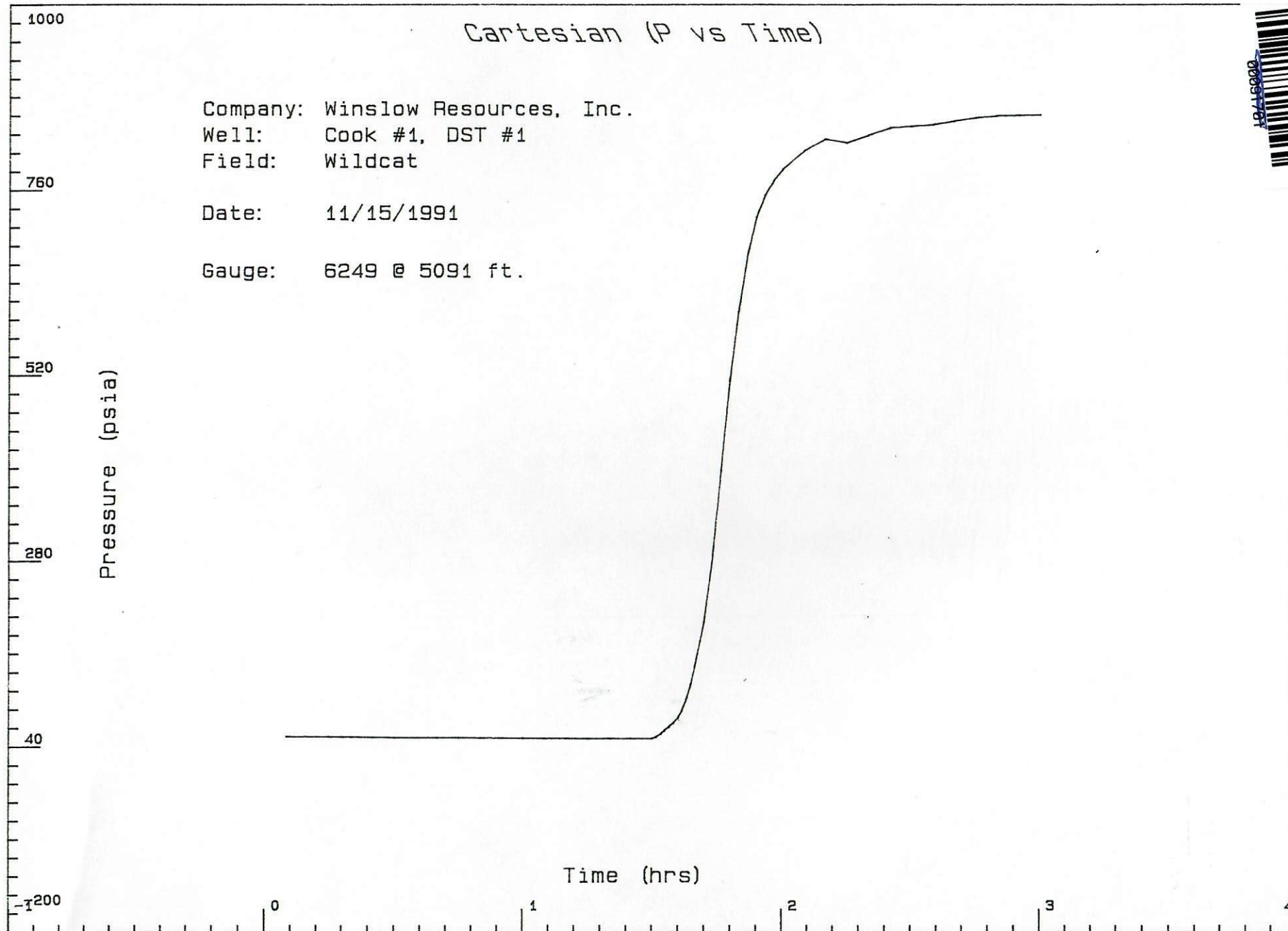
Field: Wildcat

Date: 11/15/1991

Gauge: 6249 @ 5091 ft.

Pressure (psia)

Time (hrs)



SCANNED



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PICK TESTERS

SCANNED

DISTRIBUTION OF FINAL REPORTS

Winslow Resources, Inc.

Operator

Cook #1

Well Name and No.

Winslow Resources, Inc. 5
2840 Berry Lane
Golden CO 80401