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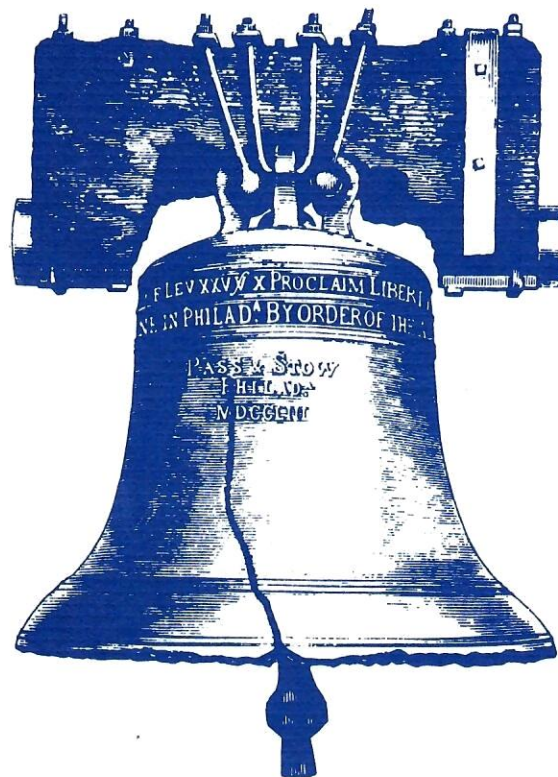
APR 15 1986

COLORADO OIL & GAS CONSERVATION COMMISSION

SCANNED

LIBERTY TESTERS INC.

DRILL STEM TEST REPORT



STERLING, COLORADO

303-522-7025

Operator
Ticket No.
Date

1780
1/18/86

ARGENTIA CORP.

Well Name & No.
Location
County, State

Lohf-State #1-20
C-N/2-NW S-20 T-2N R-57W
Morgan, Colorado

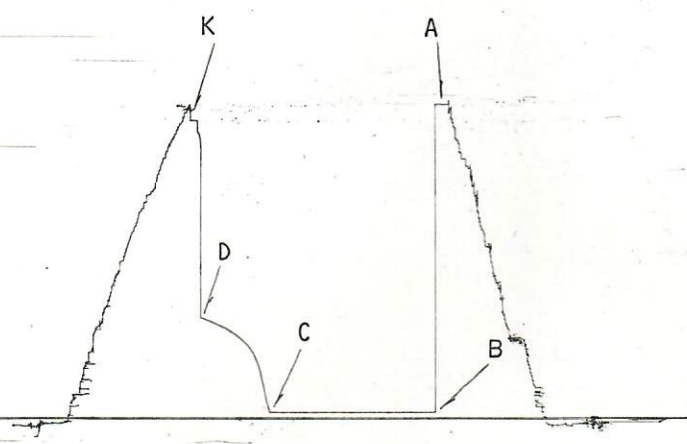
DST No.
Interval
Formation

1
5460' - 5474'
"D" Sand

Contractor <u>Gear Drilling</u>	Surface Choke <u>3/8"</u>	Mud Type <u>--</u>
Rig No. <u>2</u>	Bottom Choke <u>3/4"</u>	Weight <u>9.8</u>
Spot <u>C-N/2-NW</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>65</u>
Sec. <u>20</u>	Core Hole Size <u>--</u>	Water Loss <u>--</u>
Twp. <u>2 N</u>	DP Size & Wt. <u>4 1/2" XH 16.60</u>	Filter Cake <u>--</u>
Rng. <u>57 W</u>	Wt. Pipe <u>None</u>	Resistivity <u>1.70 @ 65 °F</u>
Field <u>Wildcat</u>	I.D. of DC <u>2 1/4"</u>	<u>3561</u> Ppm. NaCl
County <u>Morgan</u>	Length of DC <u>354'</u>	B.H.T. <u>145</u> °F
State <u>Colorado</u>	Total Depth <u>5601'</u>	Co. Rep. <u>Mr. Phleeeger</u>
Elevation <u>4407' KB</u>	Type Test <u>Straddle</u>	Tester <u>Darrell Suter</u>
Formation <u>"D" Sand</u>	Interval <u>5460' - 5474'</u>	

	REPORTED	CORRECTED	
Opened Tool @			hrs.
Flow No. 1	<u>120</u>	<u>128</u>	min.
Shut-in No. 1	<u>60</u>	<u>52</u>	min.
Flow No. 2	<u>None Taken</u>		min.
Shut-in No. 2	<u>"</u>	<u>"</u>	min.
Flow No. 3	<u>"</u>	<u>"</u>	min.
Shut-in No. 3	<u>"</u>	<u>"</u>	min.

Recorder Type <u>Kuster AK-1</u>	
No. <u>13376</u>	Cap. <u>7050</u> psi
Depth <u>5469</u>	feet
Inside	Clock
Outside <u>X</u>	Range <u>12</u> hrs.
Initial Hydrostatic	A <u>2919.0</u>
Final Hydrostatic	K <u>2776.3</u>
Initial Flow	B <u>106.7</u>
Final Initial Flow	C <u>112.6</u>
Initial Shut-in	D <u>967.9</u>
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: 140' Total fluid = 0.69 bbl., Consisting of:
 20' Slightly oil cut, water cut mud = 0.10 bbl.
 120' Water with specks of oil = 0.59 bbl.

Resistivity: 1.01 @ 63°F - .46 @ Res Temp = 6,368 ppm NaCl., 3,871 ppm Cl.

1st Flow: Tool opened with a 1/4" blow, increased to 1" in 30 minutes and remained through flow period.

Argentia Corp.
Operator

Lohf-State #1-20
Well Name and No.

1
DST No.

Recorder Type Kuster AK-1
No. 13375 Cap. 7000 psi
Depth 5455 feet
Inside X Clock
Outside Range 12 hrs.
Initial Hydrostatic A 2908.1
Final Hydrostatic K 2759.1
Initial Flow B 113.1
Final Initial Flow C 119.2
Initial Shut-in D 953.3
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. 11034 Cap. 5175 psi
Depth 5485 feet
Inside Clock
Outside X Range 12 hrs.
Initial Hydrostatic A 2930.2
Final Hydrostatic K 2820.6
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: 1515.6

SAMPLER REPORT

Company Argentia Corp. Date 1/18/86
Well Name & No. Lohf-State #1-20 Ticket No. 1780
County Morgan State Colorado
Test Interval 5460' - 5474' DST No. 1

Pressure in Sampler: None psig

Total Volume of Sampler: 2000 cc.

Total Volume of Sample: 2000 cc.

Oil: -- cc.

Water: None cc.

Mud: 2000 (oil cut) cc.

Gas: None cu. ft.

Other: None

Sample R W: 1.70 @ 65°F - .80 @ Res Temp = 3,561 ppm NaCl., 2,165 ppm Cl.

Resistivity

Make Up Water _____ @ _____ °F of Chloride Content _____ ppm.

Mud Pit Sample 2.39 @ 66 °F of Chloride Content 2,451 ppm.

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

Where was sample drained On Location

Remarks: _____

INCREMENTAL READING DATA

Argentia Corp.
Operator

Lohf-State #1-20
Well Name and No.

1
DST No.

RECORDER NO. 13376 DEPTH 5469 FT.

INITIAL FLOW

DT(MIN) PRESSURE(PSIG)

0	106.7
10	101.9
20	102.9
30	103.8
40	104.5
50	105.5
60	106.4
70	107.3
80	108.2
90	109.1
100	110.1
110	111.0
120	111.9
128	112.6

INCREMENTAL READING DATA

Argentia Corp.
Operator

Lohf-State #1-20
Well Name and No.

1
DST No.

RECORDER NO. 13376 DEPTH 5469 FT.

INITIAL SHUT-IN

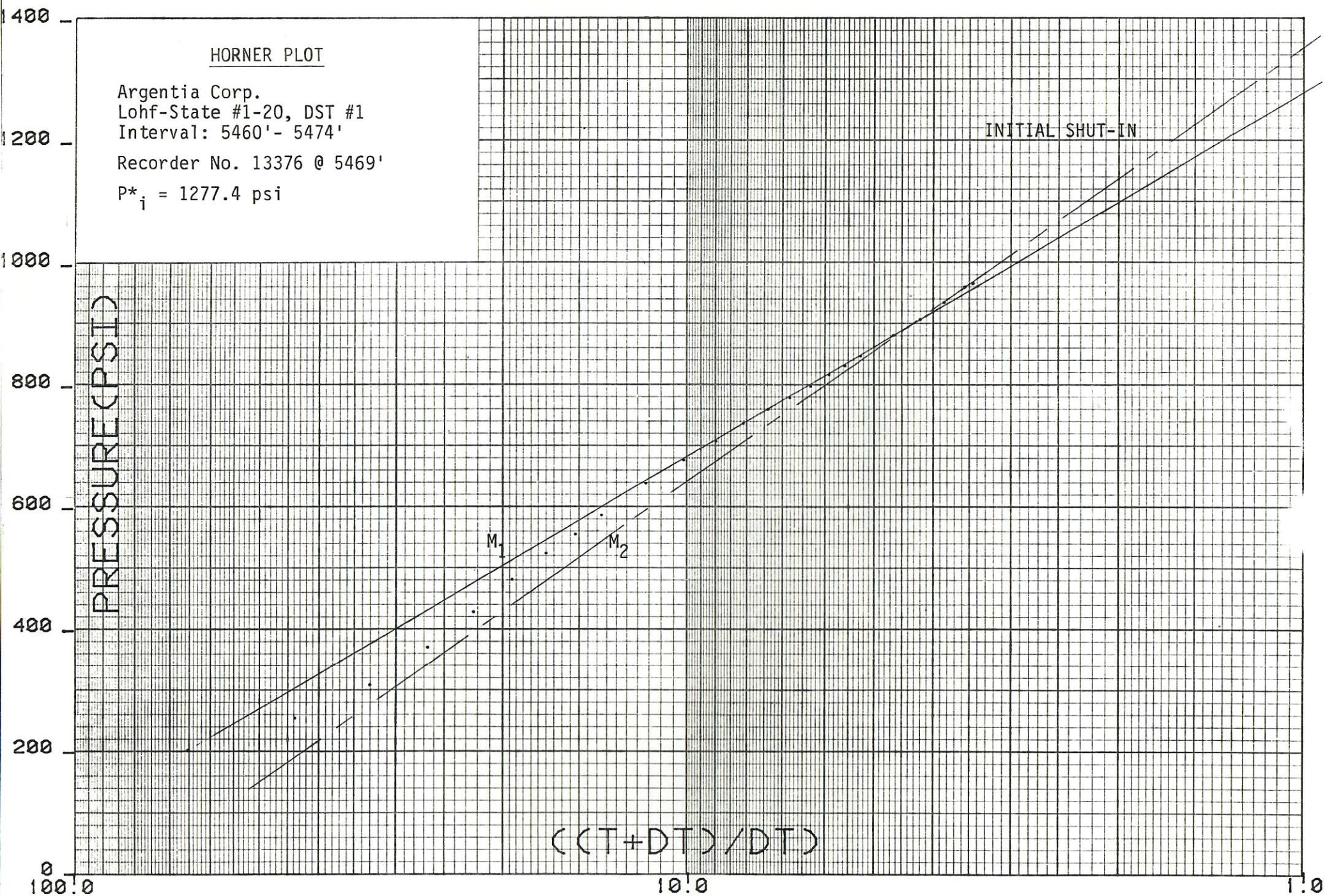
INITIAL FLOW TIME: T = 128 MIN.

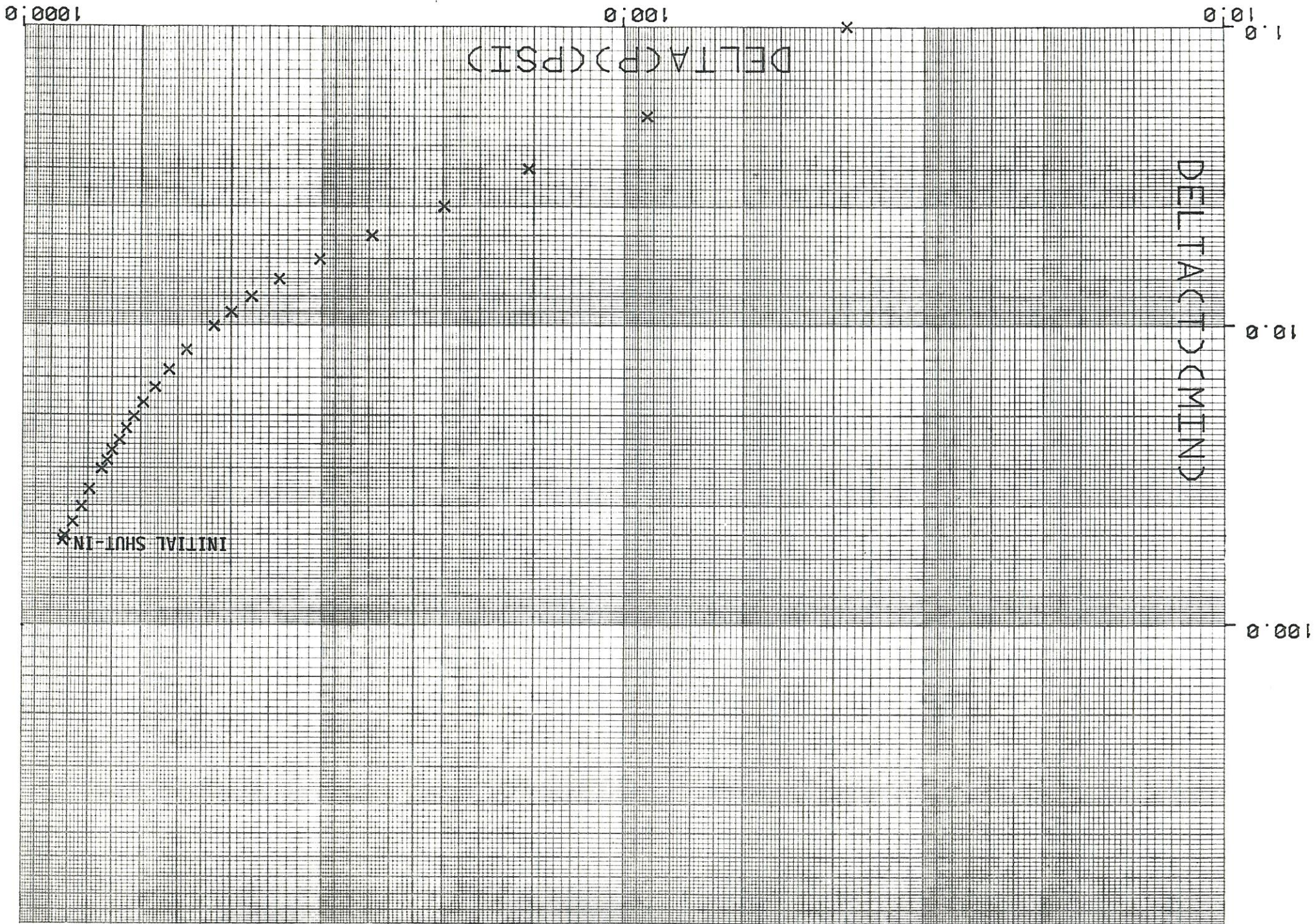
DT(MIN)	LOG((T+DT)/DT)	PRESSURE(P SIG)	DP(P SIG)
0		112.6	0.0
1	2.111	155.1	42.5
2	1.813	203.9	91.3
3	1.640	256.5	143.9
4	1.519	310.8	198.2
5	1.425	373.4	260.8
6	1.349	430.6	318.0
7	1.285	483.9	371.3
8	1.230	525.8	413.2
9	1.182	557.9	445.3
10	1.140	588.3	475.7
12	1.067	640.6	528.0
14	1.006	678.2	565.6
16	.954	709.1	596.5
18	.909	738.7	626.1
20	.869	761.5	648.9
22	.834	781.0	668.4
24	.802	799.3	686.7
26	.773	818.9	706.3
28	.746	833.1	720.5
30	.722	848.2	735.5
35	.668	882.9	770.3
40	.623	908.3	795.7
45	.585	936.2	823.6
50	.551	961.5	848.9
52	.539	967.9	855.3

EXTRAPOLATED PRESSURE: 1277.4 PSI
SLOPE: 594.7 PSI/LOG CYCLE
POINTS USED: 8

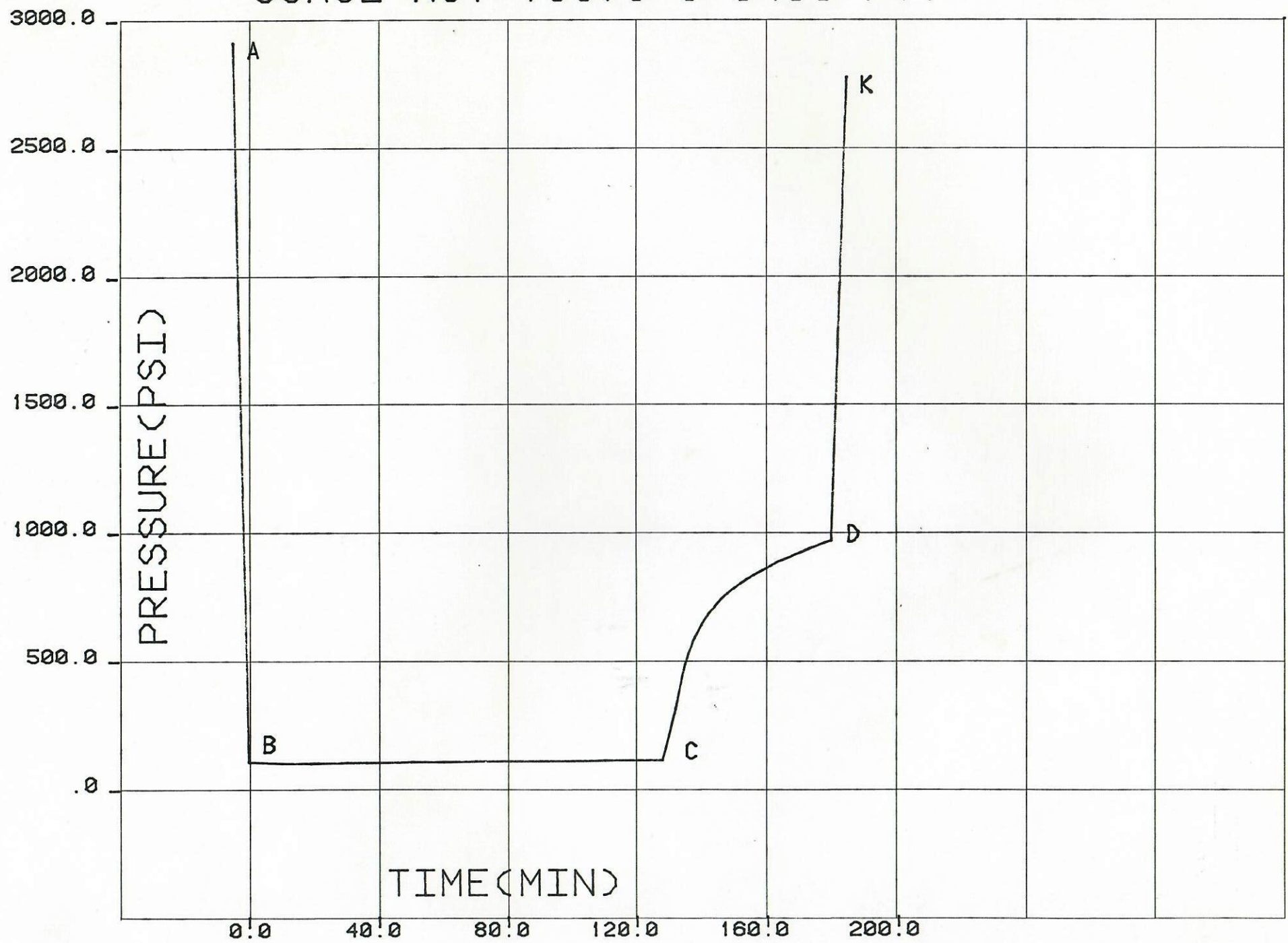
HORNER PLOT

Argentia Corp.
Lohf-State #1-20, DST #1
Interval: 5460' - 5474'
Recorder No. 13376 @ 5469'
 $P^*_i = 1277.4$ psi





GUAGE NO. 13376 @ 5469 FT.



DISTRIBUTION OF FINAL REPORTS

Argentia Corp.
Operator

Lohf-State #1-20
Well Name and No.

ARGENTIA CORP. 3
1675 LARIMER STREET SUITE 800
DENVER, CO 80202