

15-129-21599

Well Name: Hall 1-155
Company: Pioneer Oil Co
Location: 5-32s-40w
Morton co KS
Date: 1-28-00

TRILOBITE TESTING L.L.C.

OPERATOR : Pioneer Oil Co.

DATE 1-22-00

WELL NAME: Hall "1-155"

KB 3335.00 ft

TICKET NO: 12505 DST #1

LOCATION : 5-32S-40W

GR 3325.00 ft

FORMATION: Marmaton

INTERVAL : 4464.00 To 4501.00 ft

TD 4501.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 15	Rec.	10242	10242	Alpine			PF Fr. 1020 to 1035 hr
SI 45	Range(Psi)	4100.0	4100.0	5000.0	0.0	0.0	IS Fr. 1035 to 1120 hr
SF 45	Clock(hrs)	12 HR	12 HR	Elect			SF Fr. 1120 to 1205 hr
FS 90	Depth(ft)	4498.0	4498.0	4466.0	0.0	0.0	FS Fr. 1205 to 1335 hr

	Field	1	2	3	4	
A. Init Hydro	2122.0	2155.0	2090.0	0.0	0.0	T STARTED 0815 hr
B. First Flow	67.0	87.0	25.0	0.0	0.0	T ON BOTM 1017 hr
Bl. Final Flow	67.0	78.0	34.0	0.0	0.0	T OPEN 1020 hr
C. In Shut-in	1103.0	115.0	1126.0	0.0	0.0	T PULLED 1335 hr
D. Init Flow	70.0	86.0	40.0	0.0	0.0	T OUT 1615 hr
E. Final Flow	70.0	74.0	35.0	0.0	0.0	
F. Fl Shut-in	1103.0	1106.0	1116.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2101.0	2137.0	2052.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 18000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 82000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 750.00 ft
						D.P. Length 3701.00 ft

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
 4431.00 ft of GIP
 20.00 ft of Mud 100%M
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 1400.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type Chem.
 Weight 9.10 lb/cf
 Vis. 51.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop Y 10.0 ft

BLOW DESCRIPTION

Initial Flow:
 Strong bottom of bucket in 1 minute
 Gauged 72,400 CFPD

Initial Shutin:

No blow back

Final Flow:

Gauged 121,000 CFPD

Final Shutin:

No blow back

Remarks: Est. 5 ft. of pay. Gas burned

SAMPLES: One

SENT TO: Caraway

Amt. of fill 0.00 ft
 Btm. H. Temp. 110.00 F
 Hole Condition Good
 % Porosity 12.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Lanny Saloga
 Co. Rep. Jon Christensen
 Contr. Big A
 Rig # 2
 Unit #
 Pump T.

Test Successful: Y

GAS RECOVERY

COMPANY: Pioneer Oil Co. DATE: 1-22-00
 WELL NAME: Hall "1-155" KB Elev: 3335.00 ft TICKET #12505 DST #1
 WELL LOCATION: 5-32S-40W GR Elev: 3325.00 ft FORMATION: Marmaton
 INTERVAL Fr.: 4464.00 To 4501.00 T.D.: 4501.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Merla Orifice

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
12	0.75	0	22	66600.0
15	0.75	0	26	72400.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	1.00	0	26	132000.0
10	1.00	0	20	115000.0
20	1.00	0	20	115000.0
30	1.00	0	20	115000.0
40	1.00	0	22	121000.0
45	1.00	0	22	121000.0

Operator.....: Pioneer Oil Co.
Well Name.....: Hall "1-155"
DST Number.....: 1

Location.: 5-32s-40w Recorder No...: 3017
Test Type: CONVENTIONAL Recorder Depth: 4466
Formation: Marmaton Test Interval.: 4464-4501

RESERVOIR CALCULATIONS: Gas calculations based on shut-in #2

RESERVOIR PARAMETERS USED:

Net Pay.....: 5.00 ft
Porosity.....: 12.00 %
Bottom Hole Temp.....: 110.00 F
Specific Gravity.....: 0.735
Z factor.....: .9977
Compressibility.....: 0.028691 /psi
Viscosity.....: 0.0134 cp
Total Flowing Time.....: 60.00 min.
Flow Rate.....: 121.00 mcf/d
Final Flowing Pressure.....: 35.00 psi
Horner Slope.....: 0.1678 *10⁶ psi²/cycle
Extrapolated Pressure.....: 1132.38 psi
Assumed Drainage Radius....: 1500.00 ft
Well Bore Radius.....: 3.94 in

RESULTS:

Effective Permeability.....: 1.797823 md
Flow Capacity.....: 8.9891 md.ft
Transmissibility.....: 670.8293 md.ft/cp
Skin Factor.....: 8.5891
Pressure Drop Across Skin.....: 1084.6771 psi
Radius of Investigation.....: 5.7247 ft
Damage Ratio.....: 3.9145
Absolute Open Flow.....: 121.0898 mcf/d
Absolute Open Flow W/O Damage.: 474.0049 mcf/d
Estimated Stabilized AOF.....: 88.2842 mcf/d

NATURAL GAS ANALYSIS REPORT

Sampled by:
Trilobite Testing, L. L. C.
Hays, Kansas
Scott City, Kansas
Phone: 800-728-5369
Fax: 913-625-5620

Analyzed by:
Caraway Analytical, Inc
P. O. Box 2137
Liberal, Kansas 67905
Phone: 316-624-5389
Fax: 316-626-7108

Lab Number:	20000371	Analyzed:	01/24/00
Sample From:	Hall 1-155 DST 1	Pressure:	
Producer:	Pioneer Oil	Temperature:	
Date:	01/22/00	Location:	5-32-40
Time:		County:	Morton
Sampler:	Lanny Saloga	State:	Kansas
Source:		Formation:	Marmaton

		Mole %	GPM
Helium	He:	0.299	0.000
Hydrogen	H2:	0.015	0.000
Oxygen	O2:	0.000	0.000
Nitrogen	N2:	18.298	0.000
Carbon Dioxide	CO2:	0.068	0.000
Methane	C1:	69.538	0.000
Ethane	C2:	5.763	1.541
Propane	C3:	3.891	1.072
Iso Butane	iC4:	0.361	0.118
Normal Butane	nC4:	0.902	0.284
Iso Pentane	iC5:	0.213	0.078
Normal Pentane	nC5:	0.221	0.080
Hexanes Plus	C6+:	0.431	0.188

TOTAL: 100.000 3.362
Z Fact: 0.9977
SP.GR.: 0.7347
BTU (SAT): 970.3 @ 14.73 psia
BTU (DRY): 987.5 @ 14.73 psia
OCTANE RATING: 101.7

COMMENTS:

0.000

[illegible]

12505 DST#1 Hall "1-155" Pioneer Oil Co.

TEST HISTORY

Flag Points
t(Min.) P (PSig)

A:	0.00	2090.27
B:	0.00	25.20
C:	15.25	34.63
D:	45.25	1126.90
E:	0.00	40.98
F:	43.25	35.37
G:	92.50	1116.48
A:	0.00	2052.08

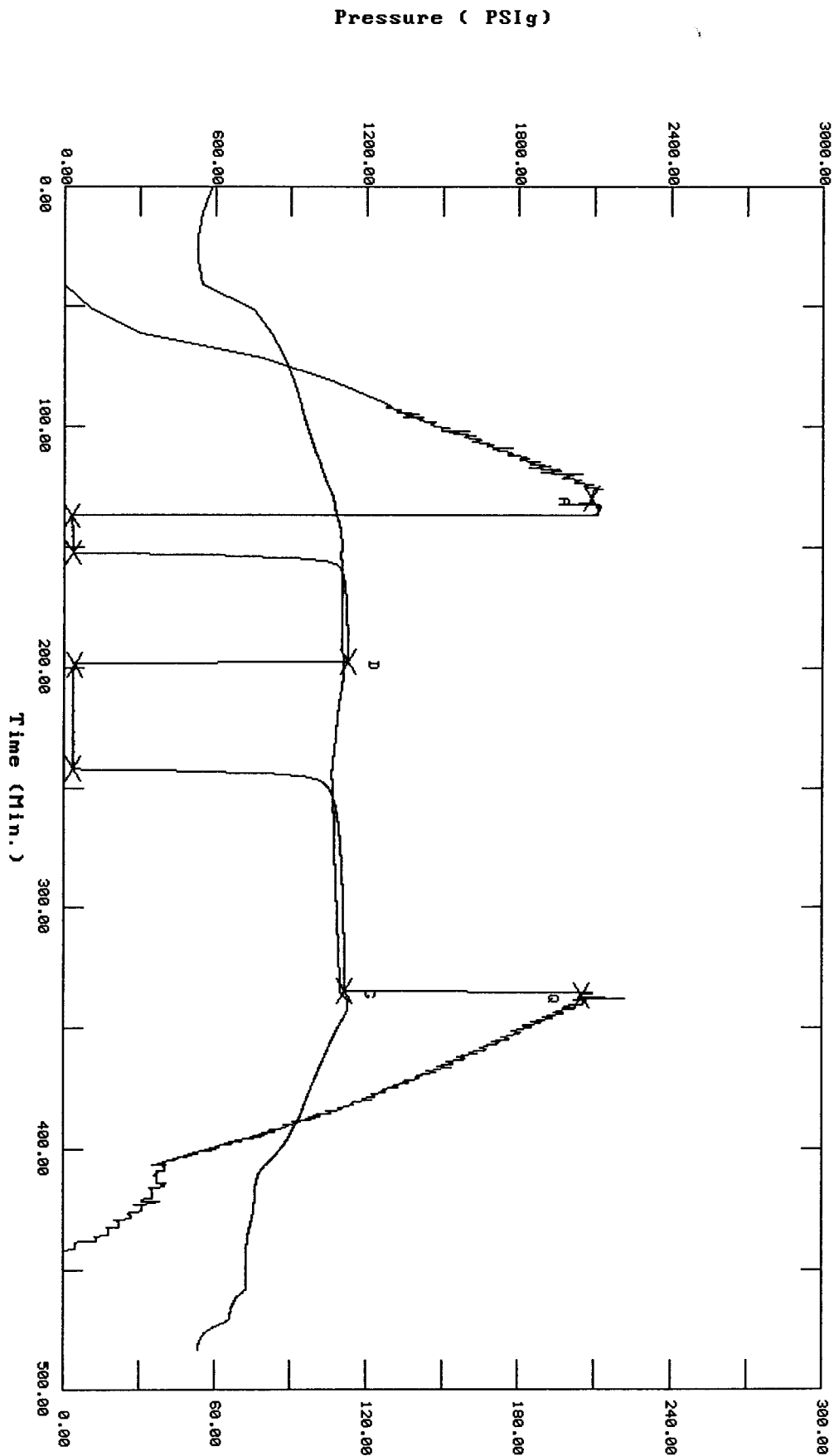
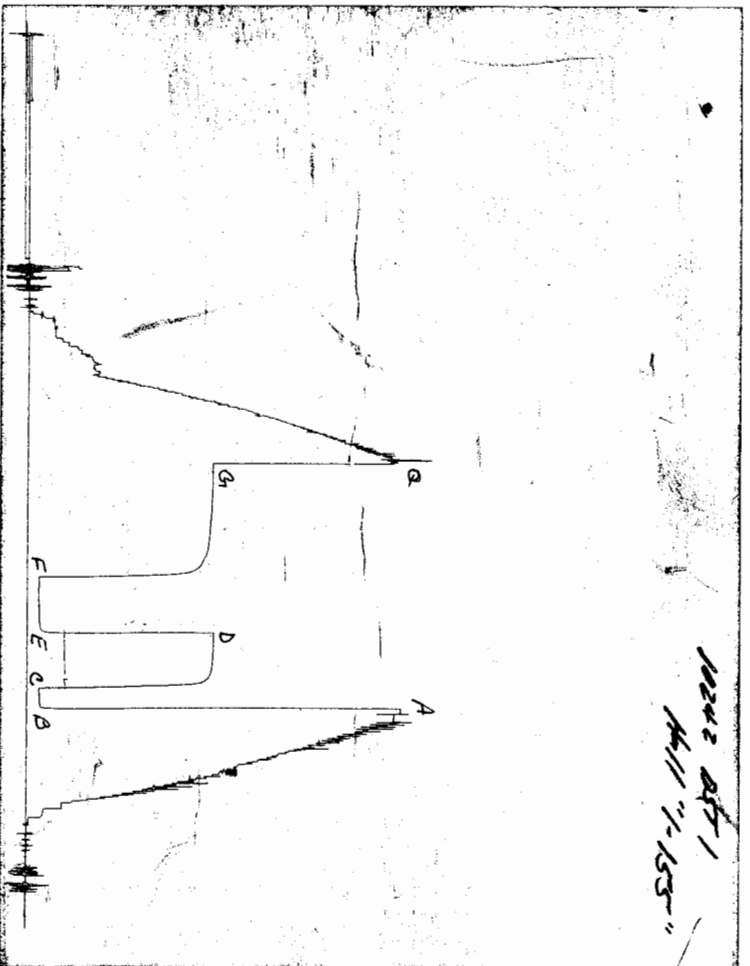


CHART PAGE



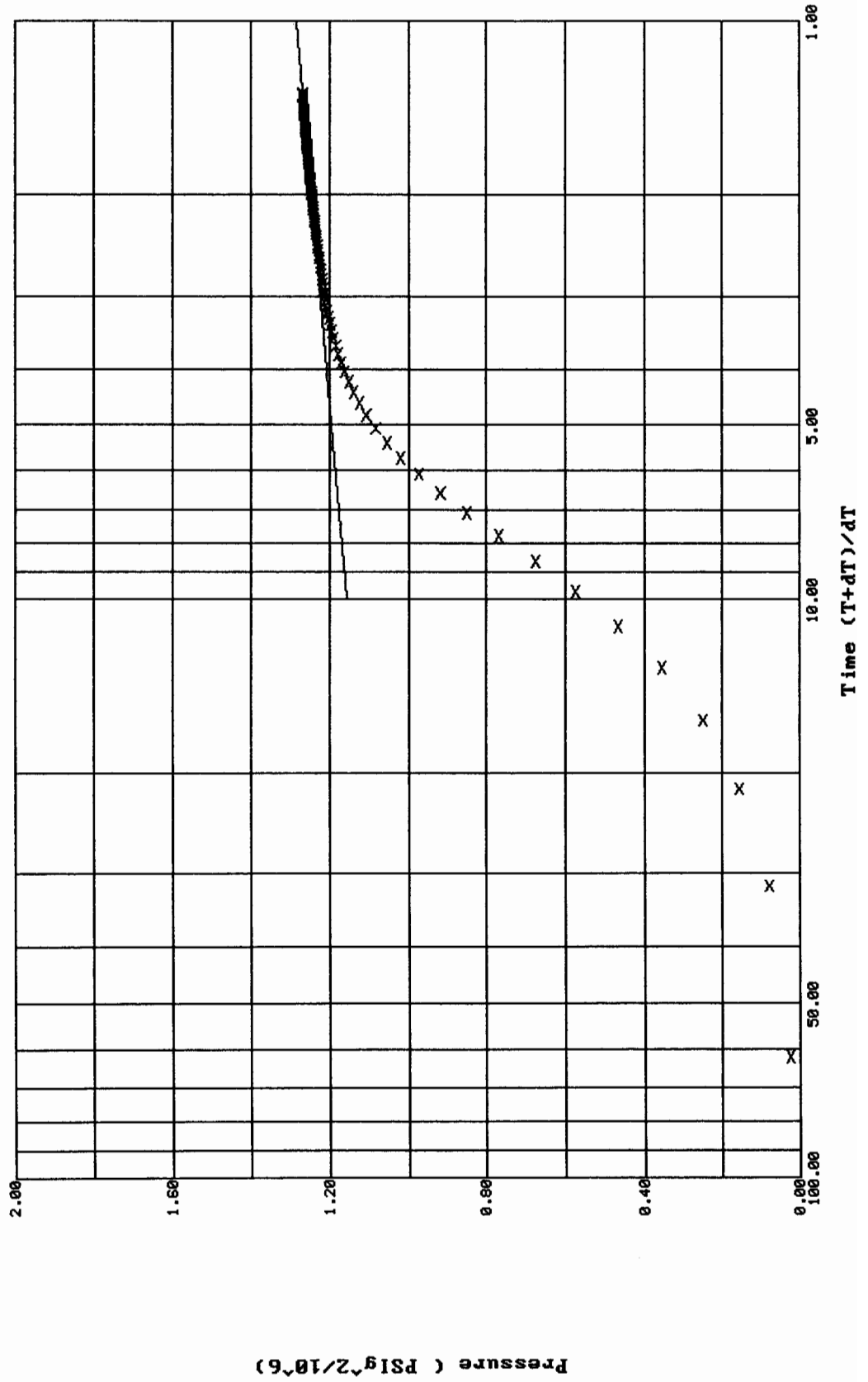
This is a photocopy of the actual AK-1 recorder chart

P² Horner Plot: shut-in #1

12505 DST#1 Hall "1-155" Pioneer Oil Co.

Slope: 0.1269 PSig²/10⁶/cycle

Ext. Pressure: 1134.0590 PSig

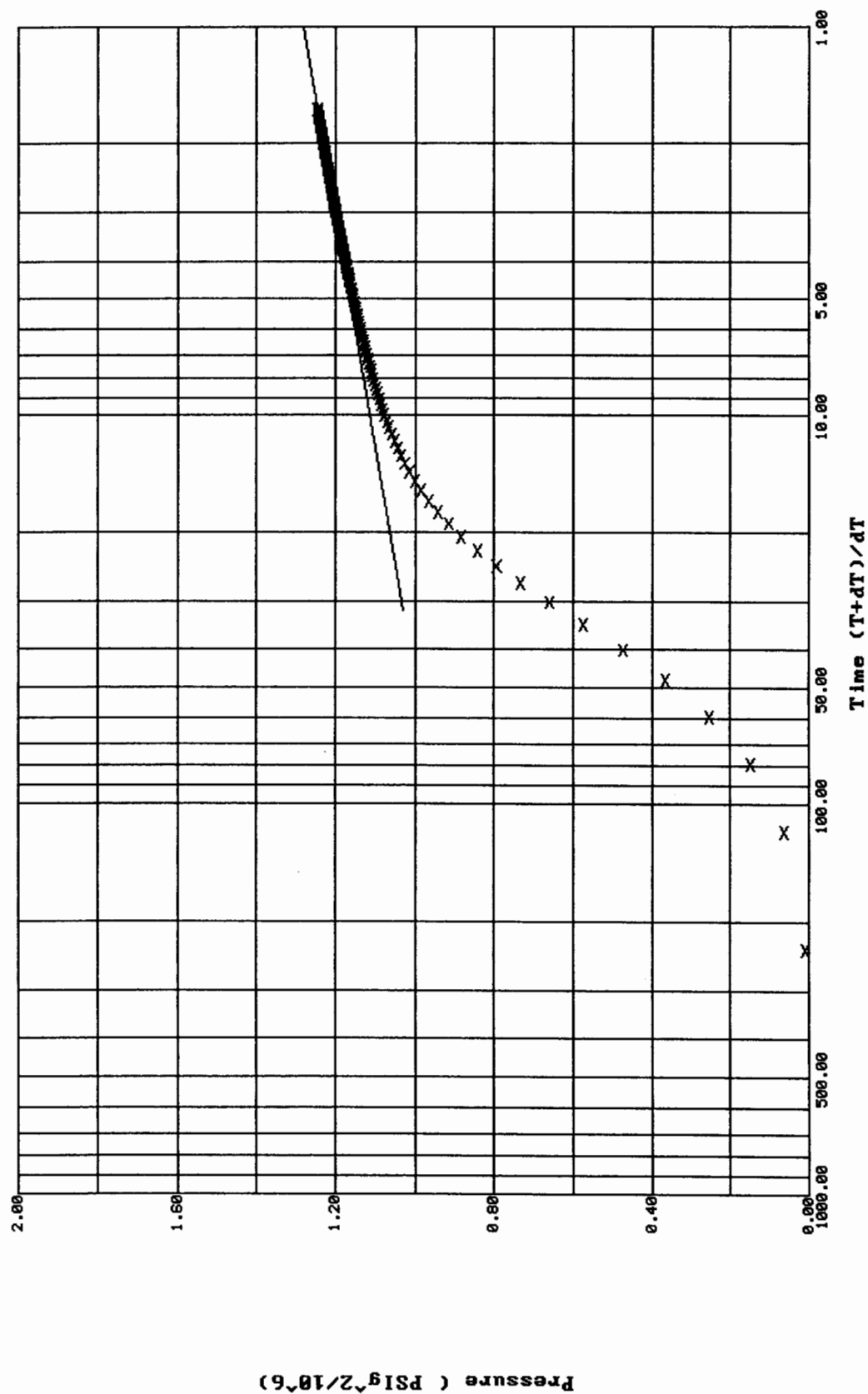


P² Horner Plot: shut-in #2

12505 DST#1 Hall "1-155" Pioneer Oil Co.

Slope: 0.1678 $\text{PSig}^2/10^6/\text{cycle}$

Ext. Pressure: 1132.3848 PSig





GAS VOLUME REPORT

DST NO.

I.F.P

F.F.P.

1 sample caught to Conway

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 12505

Well Name & No. <u>Hall "1-155"</u>	Test No. <u>1</u>	Date <u>1-22-99</u>
Company <u>Pioneer Oil Co.</u>	Zone Tested <u>Marathon</u>	
Address <u>RR 4 Box 1428 Lawrenceville IL 62419</u>		Elevation <u>3335</u> KB <u>3335</u> GL
Co. Rep / Geo. <u>Jon Christensen</u>	Cont. <u>Big A Rig 2</u>	Est. Ft. of Pay <u>5</u> Por. <u>12</u> %
Location: Sec. <u>5</u>	Twp. <u>32S</u>	Rge. <u>40W</u> Co. <u>Marathon</u> State <u>KS</u>
No. of Copies <u>See</u> Distribution Sheet (Y, N) <u>Y</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u></u>

Interval Tested 4464-4501 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 82,000
 Anchor Length 37' Tool = 22 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 18,000
 Top Packer Depth 4459 Tool Weight 4,800
 Bottom Packer Depth 4464 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4501 Wt. Pipe Run 3912 Drill Collar Run 750
 Mud Wt. 9.1 LCM 4# Vis. 51 WL 8.8 Drill Pipe Size 4 1/2 x 14 Ft. Run 3701 9 up
 Blow Description Strong ORB in 1 min. GTS in 10 min. See Flow Chart. F.F.P.
No blow-back. F.S. F.P.
See Flow Chart. F.F.P.
No blow-back. F.S. F.P.

Recovery — Total Feet 20 GIP 4,431 Ft. in DC 20 Ft. in DP 0
 Rec. 20 Feet Of Mud %gas %oil %water 100 %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 Rec. Feet Of %gas %oil %water %mud
 BHT 110 °F Gravity — °API D@ — °F Corrected Gravity — °API
 RW 4.6 @ 61 °F Chlorides 1,400 ppm Recovery Chlorides 4,100 ppm System

	AK-1	Alpine			
(A) Initial Hydrostatic Mud	<u>2122</u>	<u>2090</u>	PSI	Recorder No. <u>3017 "8403"</u>	T-On Location <u>3:15 A.M.</u>
(B) First Initial Flow Pressure	<u>67</u>	<u>25</u>	PSI	(depth) <u>4466</u>	T-Started <u>8:15 A.M.</u>
(C) First Final Flow Pressure	<u>67</u>	<u>34</u>	PSI	Recorder No. <u>10242</u>	T-Open <u>10:20 A.M.</u>
(D) Initial Shut-In Pressure	<u>1103</u>	<u>1126</u>	PSI	(depth) <u>4498</u>	T-Pulled <u>1:35 P.M.</u>
(E) Second Initial Flow Pressure	<u>70</u>	<u>40</u>	PSI	Recorder No. <u>—</u>	T-Out <u>4:15 P.M.</u>
(F) Second Final Flow Pressure	<u>70</u>	<u>35</u>	PSI	(depth) <u>—</u>	T-Off Location <u>—</u>
(G) Final Shut-in Pressure	<u>1103</u>	<u>1116</u>	PSI	Initial Opening <u>15</u>	Test <u>1</u> <u>750</u> ✓
(Q) Final Hydrostatic Mud	<u>2101</u>	<u>2052</u>	PSI	Initial Shut-in <u>45</u>	Jars <u>No Jars</u>

12200803.017
 TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Our Representative [Signature]

Final Flow 45 Safety Joint 50 ✓
 Final Shut-in 90 Straddle —
 Circ. Sub —
 Sampler —
 Extra Packer —
 Elec. Rec. 150 ✓
 Mileage —
 Other standby 1.3 hrs ✓
 TOTAL PRICE \$ 990.00

TRILOBITE TESTING L.L.C.

OPERATOR : Pioneer Oil Co.

DATE 1-25-00

WELL NAME: Hall "1-155"

KB 3335.00 ft

TICKET NO: 12506 DST #2

LOCATION : 5-32S-40W Morton co KS

GR 3325.00 ft

FORMATION: Middle Morrow

INTERVAL : 5264.00 To 5288.00 ft

TD 5288.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	10242	10242	Alpine			PF Fr. 0420 to 0435 hr
SI 45 Range(Psi)	4175.0	4175.0	5000.0	0.0	0.0	IS Fr. 0435 to 0520 hr
SF 45 Clock(hrs)	12 HR	12 HR	Elect			SF Fr. 0520 to 0605 hr
FS 90 Depth(ft)	5285.0	5285.0	5266.0	0.0	0.0	FS Fr. 0605 to 0735 hr

	Field	1	2	3	4	
A. Init Hydro	2537.0	2547.0	2471.0	0.0	0.0	T STARTED 0140 hr
B. First Flow	63.0	66.0	15.0	0.0	0.0	T ON BOTM 0417 hr
Bl. Final Flow	63.0	66.0	18.0	0.0	0.0	T OPEN 0420 hr
C. In Shut-in	881.0	874.0	907.0	0.0	0.0	T PULLED 0735 hr
D. Init Flow	63.0	48.0	10.0	0.0	0.0	T OUT 1030 hr
E. Final Flow	63.0	48.0	19.0	0.0	0.0	
F. Fl Shut-in	1105.0	1081.0	1104.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2520.0	2509.0	2457.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	I	I	I			Wt Set On Packer 26000.00 lbs
						Wt Pulled Loose 22000.00 lbs
						Initial Str Wt 86000.00 lbs
						Unseated Str Wt 88000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 750.00 ft
						D.P. Length 4509.00 ft

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP
 1010.00 ft of Gas in pipe
 20.00 ft of Mud
 0.00 ft of 100% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 SALINITY 950.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	52.00 S/L
W.L.	7.20 in3
F.C.	0.00 in
Mud Drop Y	10.0 ft
Amt. of fill	0.00 ft
Btm. H. Temp.	131.00 F
Hole Condition	Good
% Porosity	8.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Lanny Saloga
Co. Rep.	Jon Christensen
Contr.	Big A
Rig #	2
Unit #	
Pump T.	

BLOW DESCRIPTION

Initial Flow:
 Surface blow built to 2" in 15 minutes.
 Initial Shut-In:
 No blow back.
 Final Flow:
 Strong bottom of bucket immediately.
 Decreased slightly in 45 minutes.
 Final Shut-In:
 No blow back.

Remarks:

Established 6 feet of pay.

SAMPLES: None

SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Hall "1-155"

LOCATION : 5-32S-40W Morton co KS

TICKET No. 12506 D.S.T. No. 2 DATE 1-25-00

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 24

TOTAL TOOL 51

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands 8 Single Total 750

D.P. ABOVE TOOLS.Stands 48 Single 1 Total 4509

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5310

TOTAL DEPTH 5288

TOTAL DRILL PIPE ABOVE K.B. 22

REMARKS:

P.O. SUB Cir. sub	5147
C.O. SUB Top of tool	5237
Double pin	5238
S.I. TOOL H&T	5243
HMV Sterling	5248
JARS Bowen	5253
SAFETY JOINT Bowen	5255
PACKER Shale	5260
PACKER Sparton	5264
DEPTH	
1 ft.	5265
ANCHOR Rec. sub	5266
Alpine	5266
Pu. sub	5271
AK-1	5285
15 ft. perfs	5286
BULLNOSE 2 ft. perf	
T.D.	5288

TEST HISTORY

Flag Points

	t(Min.)	P(PSig)
A:	0.00	2471.23
B:	0.00	15.35
C:	16.25	18.69
D:	46.25	907.54
E:	0.00	10.70
F:	45.00	19.27
G:	90.50	1104.03
H:	0.00	2457.61

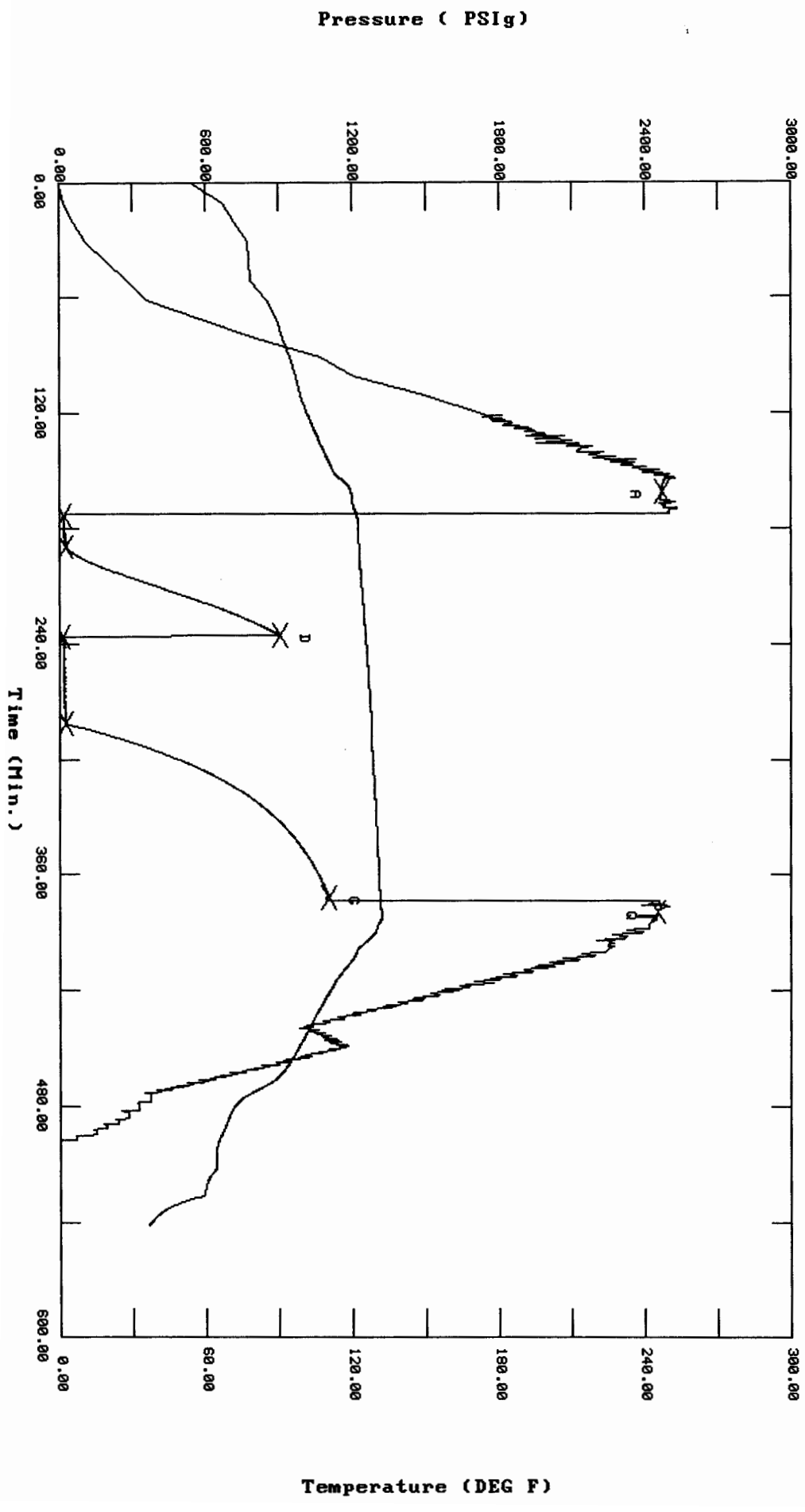
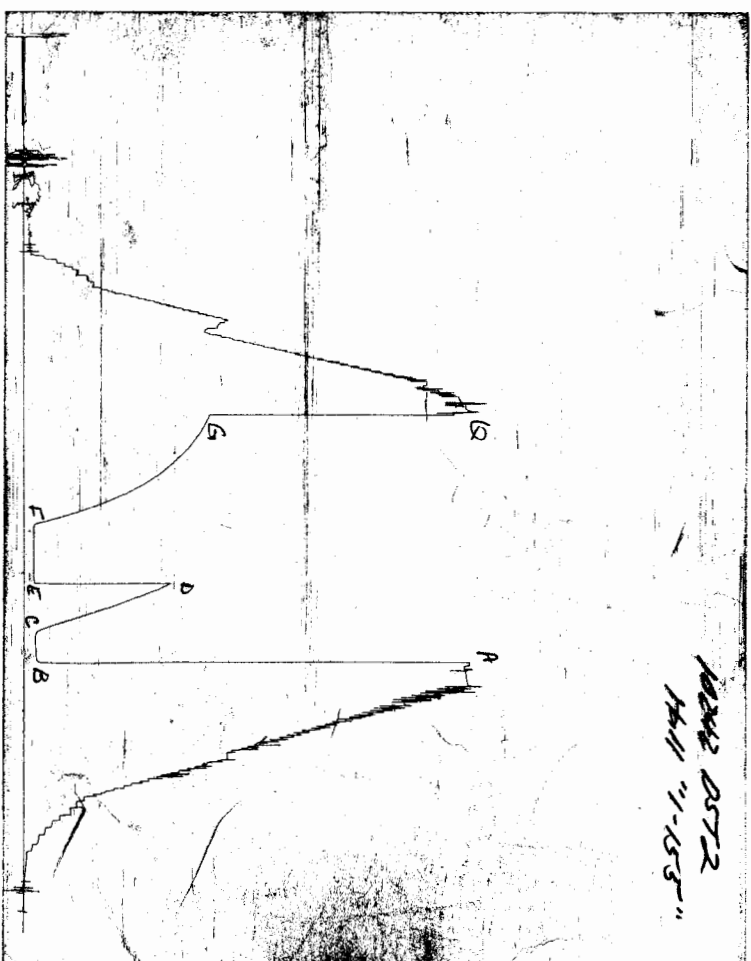


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

N^o 12506

Well Name & No.	<u>Hall "1-155"</u>	Test No.	<u>2</u>	Date	<u>1-25-00</u>
Company	<u>Pioneer Oil Co.</u>	Zone Tested	<u>Middle Morrow</u>		
Address	<u>Linnemannville Ill.</u>	Elevation	<u>3325</u>	KB	<u>3325</u> GL
Co. Rep / Geo.	<u>Jon Christensen</u>	Cont.	<u>Big A Rig 2</u>	Est. Ft. of Pay	<u>6</u> Por. <u>8</u> %
Location: Sec.	<u>5</u>	Twp.	<u>32S</u>	Rge.	<u>40W</u> Co. <u>Madison</u> State <u>IL</u>
No. of Copies	<u>See</u> Distribution Sheet (Y, N) <u>Y</u>	Turnkey (Y, N)	<u>N</u>	Evaluation (Y, N)	<u> </u>

Interval Tested	<u>5264-5288</u>	Initial Str Wt./Lbs.	<u>86,000</u>	Unseated Str Wt./Lbs.	<u>88,000</u>
Anchor Length	<u>24'</u> Tool = <u>27'</u>	Wt. Set Lbs.	<u>26,000</u>	Wt. Pulled Loose/Lbs.	<u>23,000</u>
WALE Top Packer Depth	<u>5259</u>	Tool Weight	<u>1,800</u>		
Bottom Packer Depth	<u>5264</u>	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	<u>5288</u>	Wt. Pipe Run	<u> </u>	Drill Collar Run	<u>750</u>
Mud Wt.	<u>9.1</u> LCM <u>4#</u> Vis. <u>52</u> WL <u>7.2</u>	Drill Pipe Size	<u>4 1/2 x 11</u>	Ft. Run	<u>4509 22' up</u>

Blow Description Surface blow, built to 2" in 15 min. T.F.P.
No blow-back. T.S.T.P.
Strong OBB immediate. Decreased slightly in 45 min. F.F.P.
No blow-back. F.S.T.P.

Recovery — Total Feet	<u>20</u>	GIP	<u>1010</u>	Ft. in DC	<u>20</u>	Ft. in DP	<u>0</u>
Rec.	<u>20</u>	Feet Of	<u>Mud</u>	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud

BHT 131 °F Gravity °API D₄₀ °F Corrected Gravity °API
RW 6.6 @ 61 °F Chlorides 750 ppm Recovery Chlorides 850 ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>2537</u>	<u>2471</u>	PSI Recorder No.	<u>3017 "01:24"</u> T-On Location <u>1:24:00</u>
(B) First Initial Flow Pressure	<u>63</u>	<u>15</u>	PSI (depth)	<u>5266</u> T-Started <u>1:40 AM</u>
(C) First Final Flow Pressure	<u>63</u>	<u>18</u>	PSI Recorder No.	<u>10242</u> T-Open <u>4:20 AM</u>
(D) Initial Shut-In Pressure	<u>881</u>	<u>907</u>	PSI (depth)	<u>5285</u> T-Pulled <u>7:35 AM</u>
(E) Second Initial Flow Pressure	<u>63</u>	<u>10</u>	PSI Recorder No.	T-Out <u>10:30 AM</u>
(F) Second Final Flow Pressure	<u>63</u>	<u>19</u>	PSI (depth)	T-Off Location <u> </u>
(G) Final Shut-in Pressure	<u>1105</u>	<u>1104</u>	PSI Initial Opening	<u>15</u> Test <u>800</u> ✓
(Q) Final Hydrostatic Mud	<u>2520</u>	<u>2457</u>	PSI Initial Shut-in	<u>45</u> Jars <u>200</u> ✓

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Approved By [Signature]

Our Representative [Signature]

Final Flow	<u>45</u>	Safety Joint	<u>50</u> ✓
Final Shut-in	<u>90</u>	Straddle	
		Circ. Sub	
		Sampler	
		Shale	
		Extra Packer	<u>150</u> ✓
		Elec. Rec.	<u>150</u> ✓
		Mileage	
		Other	
TOTAL PRICE \$		<u>4,350.00</u>	



Well Name Hall 1-155
DST Number 1
Recorder Number 10242

A:	<u>2.039</u>	<u>2155</u>
B:	<u>.075</u>	<u>87</u>
C:	<u>.067</u>	<u>78</u>
D:	<u>1.021</u>	<u>1115</u>
E:	<u>.074</u>	<u>86</u>
F:	<u>.064</u>	<u>74</u>
G:	<u>1.013</u>	<u>1106</u>
Q:	<u>2.020</u>	<u>2137</u>

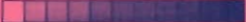
Well Name Hall 1-155
DST Number 2
Recorder Number 10242

A:	<u>2.422</u>	<u>2547</u>
B:	<u>.057</u>	<u>66</u>
C:	<u>.057</u>	<u>66</u>
D:	<u>.790</u>	<u>874</u>
E:	<u>.041</u>	<u>48</u>
F:	<u>.041</u>	<u>48</u>
G:	<u>.990</u>	<u>1081</u>
Q:	<u>2.386</u>	<u>2509</u>

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