

15-033-21027
Computer inventoried

4-32s-19w

ORIGINAL

Well Name: Inez-Bean #1-4
Company: R.J. Patrick
Location: 4-32s-19w
Comanche county Kansas
Date: 9-28-99

RECEIVED
STATE CORPORATION COMMISSION

SEP 29 1999

CONSERVATION DIVISION
Wichita, Kansas

TRILOBITE TESTING L.L.C.

OPERATOR : R.J.Patrick

DATE 09/21/199

WELL NAME: Inez-Bean #1-4

KB 2123.00 ft

TICKET NO: 12309 DST #1

LOCATION : 4-32s-19w Comanche co KS

GR 2115.00 ft

FORMATION: Pawnee

INTERVAL : 5114.00 To 5134.00 ft

TD 5134.00 ft

TEST TYPE: CONVENTIONAL

ORDER DATA

mins		Field	1	2	3	4	TIME DATA-----
30	Rec.	10332	10332	3246			PF Fr. 2150 to 2220 hr
30	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 2220 to 2250 hr
30	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2250 to 2320 hr
30	Depth(ft)	5131.0	5131.0	5120.0	0.0	0.0	FS Fr. 2320 to 2350 hr

	Field	1	2	3	4	
Init Hydro	2498.0	2484.0	2519.0	0.0	0.0	T STARTED 1833 hr
First Flow	41.0	50.0	29.0	0.0	0.0	T ON BOTM 2148 hr
Final Flow	41.0	50.0	27.0	0.0	0.0	T OPEN 2150 hr
In Shut-in	1307.0	1302.0	1351.0	0.0	0.0	T PULLED 2350 hr
Init Flow	51.0	58.0	28.0	0.0	0.0	T OUT 0230 hr
Final Flow	51.0	58.0	33.0	0.0	0.0	
Fl Shut-in	1115.0	1153.0	1179.0	0.0	0.0	TOOL DATA-----
Final Hydro	2508.0	2488.0	2486.0	0.0	0.0	Tool Wt. 2100.00 lbs
de/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 85000.00 lbs
						Initial Str Wt 54000.00 lbs
						Unseated Str Wt 54000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 5096.00 ft

COVERY

Fluid 40.00 ft of 0.00 ft in DC and 40.00 ft in DP
 0 ft of Mud cut water 40%mud 60%water
 00 ft of
 00 ft of
 00 ft of
 00 ft of
 00 ft of
 00 ft of
 00 ft of

LINEITY 10000.00 P.P.M. A.P.I. Gravity 0.00

OW DESCRIPTION

Initial Flow:
 Weak blow built to 4" in water
 Bucket
 Initial Shut-in:
 led off for 1 min. no blow back.
 l Flow
 Weak blow built to 1" in water
 Bucket
 l Shut-in:
 Bled off 5 mins. no blow back

LES:

TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/cf
Vis.	39.00 S/L
W.L.	8.80 in3
F.C.	0.32 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	fair
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L.Amerine
Co. Rep.	Marvin T.Harvey
Contr.	Duke
Rig #	1
Unit #	none
Pump T.	none

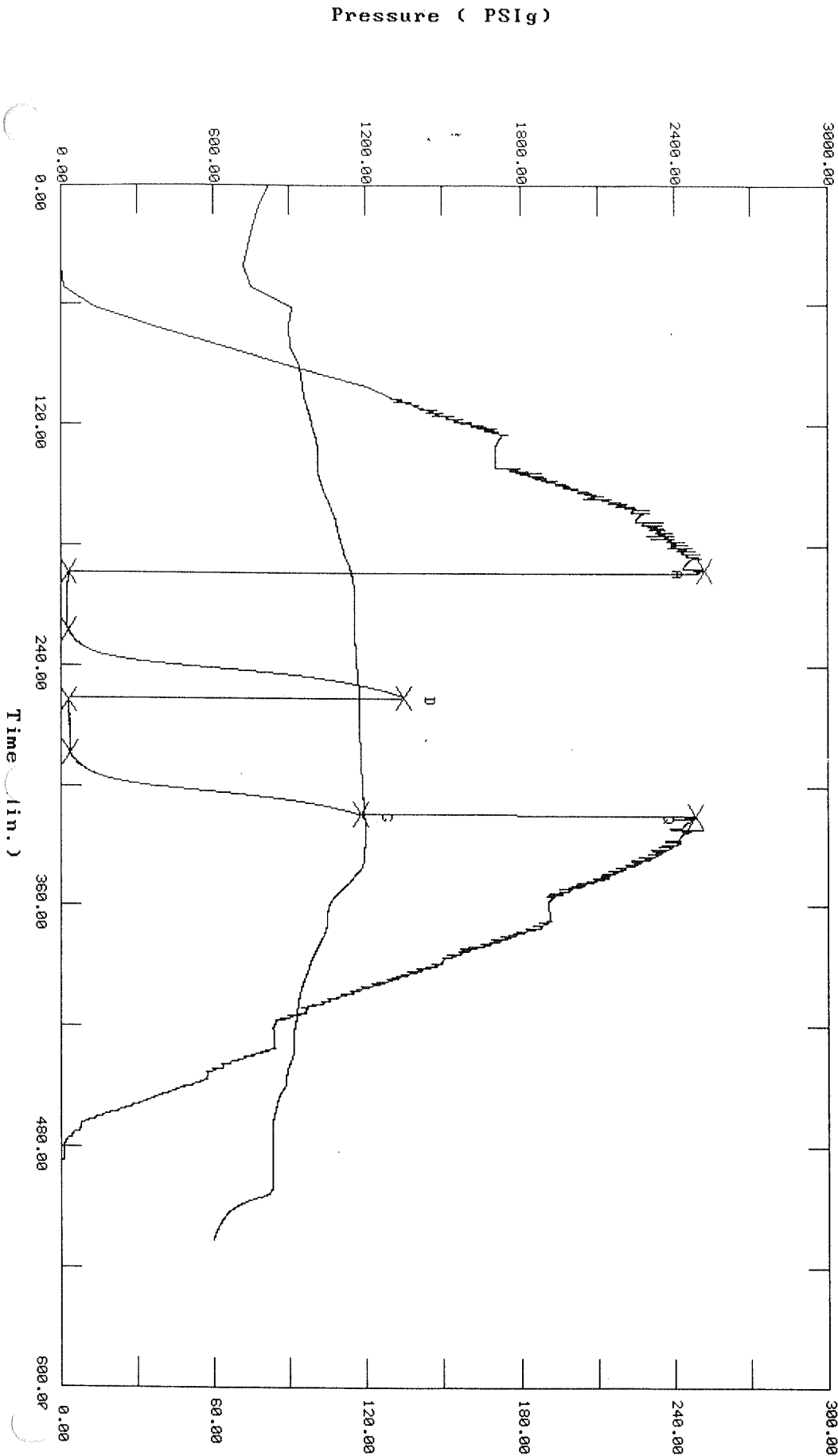
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Test Successful: Y

CONSERVATION DIVISION
 Wichita, Kansas

TEST HISTORY

Tk#12309 DST#1 Inez-Bean #1-4 R.J. Patrick oper, co.



Flag Points

	t(min.)	P(PSig)
R:	0.00	2518.67
B:	0.00	29.48
C:	28.75	27.08
D:	33.00	1351.04
E:	0.00	27.70
F:	26.50	33.07
G:	30.50	1178.93
Q:	0.00	2485.99

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OCT 29 1999

CONSERVATION DIVISION
Wichita, Kansas

Temperature (DEG F)

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N: 12309

Test Ticket

Well Name & No. Inez - Dean # 1-4 Test No. #1 Date 09/21/1999
 Company R.T. Patrick, Operating Co Zone Tested (Lawrence)
 Address P.O. box 1157 Liberal, KS 67905-1157 Elevation KB 2115' GL
 Co. Rep / Geo. Marvin T. Harvey Cont. Duke #1 Est. Ft. of Pay Por. %
 Location: Sec. 4 Twp. 32S Rge. 19W Co. Comanche State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5114' - 5134' Initial Str Wt./Lbs. 54000 Unseated Str Wt./Lbs. 54000
 Anchor Length 20' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 85000
 Top Packer Depth 5109' Tool Weight 2100
 Bottom Packer Depth 5114' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 5134' Wt. Pipe Run N/A Drill Collar Run N/A
 Mud Wt. 9.1 LCM Vis. 39 WL 8.8 Drill Pipe Size 4 1/2 x 4 Ft. Run 5096'
 Blow Description IF: Vent blow built to 4" in H2O bucket
ISI: Bled off in 1 min. No blow back
FF: Vent blow built to 1" in H2O bucket
FST: Bled off for

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>40'</u>	<u>40'</u>	<u>40'</u>	<u>40'</u>
Feet Of	%gas	%oil	%water
Rec. <u>40'</u>	<u>40%</u>	<u>60%</u>	<u>40%</u>
Feet Of	%gas	%oil	%water
Rec. <u> </u>	<u> </u>	<u> </u>	<u> </u>
Feet Of	%gas	%oil	%water
Rec. <u> </u>	<u> </u>	<u> </u>	<u> </u>
Feet Of	%gas	%oil	%water
Rec. <u> </u>	<u> </u>	<u> </u>	<u> </u>

BHT 120° °F Gravity °API D@ °F Corrected Gravity °API
 RW 1.4 @ 57 °F Chlorides 10,000 ppm Recovery Chlorides 6,500 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2898</u>	<u>2519</u>	<u>3246</u>	<u>1630</u>	
(B) First Initial Flow Pressure	<u>41</u>	<u>29</u>	<u>5120</u>	<u>1833</u>	
(C) First Final Flow Pressure	<u>41</u>	<u>27</u>	<u>10532</u>	<u>2150</u>	
(D) Initial Shut-In Pressure	<u>1307</u>	<u>1351</u>	<u>5131</u>	<u>2350</u>	
(E) Second Initial Flow Pressure	<u>51</u>	<u>28</u>	<u> </u>	<u>0230</u>	
(F) Second Final Flow Pressure	<u>51</u>	<u>33</u>	<u> </u>	<u>0330</u>	
(G) Final Shut-in Pressure	<u>1115</u>	<u>1179</u>	<u>30</u>	<u> </u>	
(Q) Final Hydrostatic Mud	<u>2508</u>	<u>2486</u>	<u>30</u>	<u> </u>	

Final Flow 30 Safety Joint ✓
 Final Shut-in 30 Straddle
 Circ. Sub
 Sampler
 Extra Packer
 Elec. Rec. ✓

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 Marvin T. Harvey

Our Representative Dave J. Amrein

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OCT 29 1999

CONSERVATION DIVISION
Wichita, Kansas

Mileage
 Other
 TOTAL PRICE \$

TRILOBITE TESTING L.L.C.

OPERATOR : R.J.Patrick Oper,co.

DATE 09/22/199

WELL NAME: Inez-Bean #1-4

KB 2130.00 ft

TICKET NO: 12310 DST #2

LOCATION : 4-32s-19w Comanche co KS

GR 2122.00 ft

FORMATION: Fort scott

NEAL : 5143.00 To 5160.00 ft

TD 5160.00 ft

TEST TYPE: CONVENTIONAL

RECORDED DATA

Mins	Field	1	2	3	4	TIME DATA-----
F 30 Rec.	10332	10332	3246			PF Fr. 1545 to 1615 hr
I 30 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1615 to 1645 hr
F 30 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 1645 to 1715 hr
S 30 Depth(ft)	5157.0	5157.0	5149.0	0.0	0.0	FS Fr. 1715 to 1745 hr

	Field	1	2	3	4	
Init Hydro	0.0	0.0	2499.0	0.0	0.0	T STARTED 1241 hr
First Flow	0.0	0.0	13.0	0.0	0.0	T ON BOTM 1542 hr
Final Flow	0.0	0.0	8.0	0.0	0.0	T OPEN 1545 hr
In Shut-in	0.0	0.0	24.0	0.0	0.0	T PULLED 1745 hr
Init Flow	0.0	0.0	6.0	0.0	0.0	T OUT 2015 hr
Final Flow	0.0	0.0	7.0	0.0	0.0	
Fl Shut-in	0.0	0.0	20.0	0.0	0.0	TOOL DATA-----
Final Hydro	0.0	0.0	2500.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	I				Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 100000.00 lbs
						Initial Str Wt 54000.00 lbs
						Unseated Str Wt 54000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 5127.00 ft

RECOVERY

c Fluid 15.00 ft of 0.00 ft in DC and 15.00 ft in DP
 .00 ft of Trace of gas in pipe
 5.00 ft of Drilling mud
 .0 ft of
 .00 ft of
 .00 ft of
 .0 ft of
 .0 ft of
 .00 ft of

ACTIVITY 0.00 P.P.M. A.P.I. Gravity 0.00

LOW DESCRIPTION

Initial Flow:
 Weak blow built to 4" in water
 bucket
 Initial Shut-in:
 Bled down for 1 min. no blow back.
 Final Flow:
 Weak surface blow built to 1/4-1/2"
 in water bucket
 Final Shut-in:
 Bled down for 5 mins. no blow back

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/cf
 Vis. 58.00 S/L
 W.L. 8.00 in3
 F.C. 0.32 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 120.00 F
 Hole Condition good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00 n
 Cushion Type none
 Reversed Out N
 Tool Chased N
 Tester Darren L.Amerine
 Co. Rep. Marvin T.Harvey
 Contr. Duke
 Rig # 1
 Unit # no
 Pump T. none

PLES:

ENT TO:

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OCT 29 1999

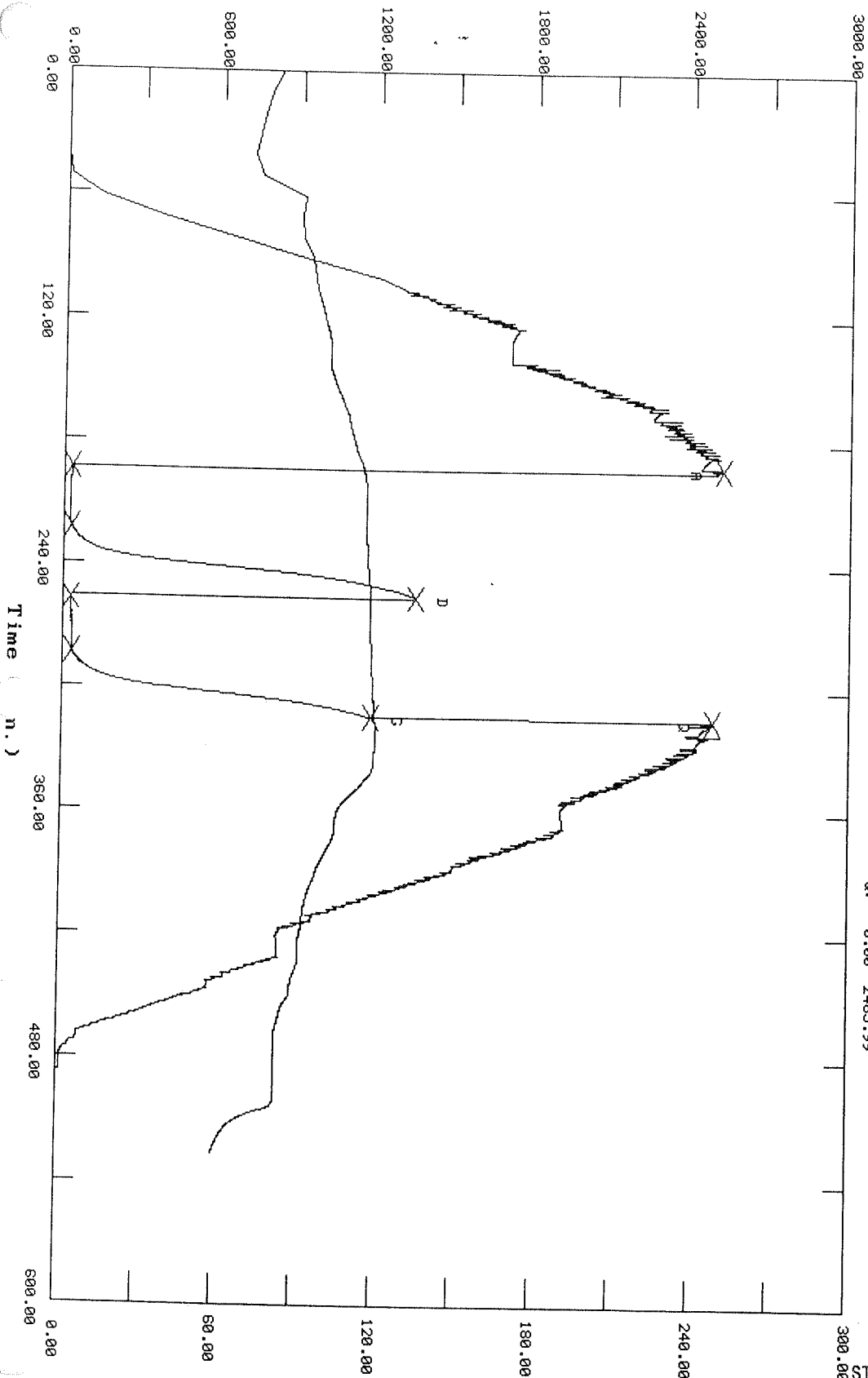
CONSERVATION DIVISION

Wichita, Kansas

Test Successful: Y

Tk#12309 DST#1 Inez-Bean #1-4 R.J. Patrick oper, co.

TEST HISTORY



Flag Points

t(min.)	P(PSig)
A: 0.00	2518.67
B: 0.00	29.48
C: 28.75	27.08
D: 33.00	1351.04
E: 0.00	27.70
F: 26.50	33.07
G: 30.50	1178.93
H: 0.00	2485.99

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CONSERVATION DIVISION
SANTA FE, NEW MEXICO

Temperature (DEG F)

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12310

Test Ticket

Well Name & No.	<u>Inez - Bear # 1-4</u>	Test No.	<u>#2</u>	Date	<u>09/22/1999</u>
Company	<u>A J Patrick Operating Co.</u>	Zone Tested	<u>(Fort Scott)</u>		
Address	<u>P.O. Box 1157 Liberal, KS 67905-1157</u>	Elevation	<u>2130</u>	KB	<u>3122</u> GL
Co. Rep / Geo.	<u>Marvin T. Harvey</u>	Cont.	<u>Duke # 1</u>	Est. Ft. of Pay	<u> </u> Por. <u> </u> %
Location: Sec.	<u>4</u>	Twp.	<u>32S</u>	Rge.	<u>19W</u> Co. <u>Comanche</u> State <u>KS</u>
No. of Copies	<u>5</u>	Distribution Sheet (Y, N)	<u> </u>	Turnkey (Y, N)	<u> </u> Evaluation (Y, N) <u> </u>

Interval Tested	<u>5143' - 5160'</u>	Initial Str Wt./Lbs.	<u>5400</u>	Unseated Str Wt./Lbs.	<u>5400</u>
Anchor Length	<u>17'</u>	Wt. Set Lbs.	<u>2000</u>	Wt. Pulled Loose/Lbs.	<u>1000</u>
Top Packer Depth	<u>5138'</u>	Tool Weight	<u>2100</u>		
Bottom Packer Depth	<u>5143'</u>	Hole Size — 7 7/8" ☒		Rubber Size — 6 3/4" ☒	
Total Depth	<u>5160'</u>	Wt. Pipe Run	<u>N/A</u>	Drill Collar Run	<u>N/A</u>
Mud Wt. <u>9.0</u> LCM <u> </u> Vis. <u>58</u> WL <u>8.0</u>		Drill Pipe Size	<u>4 1/2 XH</u>	Ft. Run	<u>5127'</u>
Blow Description	<u>TF: Weak blow built to 4" in #120 bucket.</u>				
	<u>1ST: Bled down for 1 min no blow back</u>				
	<u>FF: Weak surface blow built to 4 1/2" in #120 bucket.</u>				
	<u>1ST: Bled down for 5 mins no blow back</u>				
Recovery — Total Feet	<u>15'</u>	GIP	<u>Trace</u>	Ft. in DC	<u> </u>
	<u>15'</u>	Feet Of	<u>Drilling Mud</u>	%gas	<u> </u> %oil <u> </u> %water <u> </u> %mud
	<u>Trace</u>	Feet Of	<u>Gas in pipe</u>	%gas	<u> </u> %oil <u> </u> %water <u> </u> %mud
Rec.		Feet Of		%gas	<u> </u> %oil <u> </u> %water <u> </u> %mud
Rec.		Feet Of		%gas	<u> </u> %oil <u> </u> %water <u> </u> %mud
Rec.		Feet Of		%gas	<u> </u> %oil <u> </u> %water <u> </u> %mud
BHT	<u>117 °</u>	°F Gravity	<u> </u>	°API D@	<u> </u> °F Corrected Gravity <u> </u> °API
RW	<u> </u> @ <u> </u> °F	Chlorides	<u> </u> ppm	Recovery	<u> </u> Chlorides <u>4000</u> ppm System

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>Clock</u>	<u>2499</u>	PSI Recorder No.	<u>3246</u>
(B) First Initial Flow Pressure	<u>Stopped</u>	<u>13</u>	PSI (depth)	<u>5149'</u>
(C) First Final Flow Pressure		<u>8</u>	PSI Recorder No.	<u>10332</u>
(D) Initial Shut-In Pressure		<u>24</u>	PSI (depth)	<u>5157'</u>
(E) Second Initial Flow Pressure		<u>6</u>	PSI Recorder No.	<u> </u>
(F) Second Final Flow Pressure		<u>7</u>	PSI (depth)	<u> </u>
(G) Final Shut-in Pressure		<u>20</u>	PSI Initial Opening	<u>30</u>
(Q) Final Hydrostatic Mud		<u>2500</u>	PSI Initial Shut-in	<u>30</u>
			Final Flow	<u>30</u>
			Final Shut-in	<u>30</u>
			T-On Location	<u>1230</u>
			T-Started	<u>1241</u>
			T-Open	<u>1545</u>
			T-Pulled	<u>1745</u>
			T-Out	<u>2015</u>
			T-Off Location	<u>2100</u>
			Test	☒
			Jars	☒
			Safety Joint	☒
			Straddle	<u> </u>
			Circ. Sub	<u> </u>
			Sampler	<u> </u>
			Extra Packer	<u> </u>
			Elec. Rec.	☒
			Mileage	<u> </u>
			Other	<u> </u>
			TOTAL PRICE \$	<u> </u>

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 Marvin Harvey

Our Representative Darren Himeins

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Wichita, Kansas