

ORIGINAL

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 5506
Name: WOOLSEY PETROLEUM CORPORATION
Address: 125 N. Market, Suite 1000
City/State/Zip: Wichita, Kansas 67202
Purchaser: BLUESTEM GAS MARKETING - EQUIVA
Operator Contact Person: Debra Clingan
Phone: (316) 267-4379 ext 106
Contractor: Name: DUKE DRILLING CO., INC.
License: 5929

RELEASED

APR 25 2002

FROM CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

FEB 09 2000

Wellsite Geologist: MIKEAL K. MAUNE
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Catfolds, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: n/a
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
11/12/99 11/26/99 12/23/99
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 007-22601-0000
County: BARBER
SE NW SE Sec. 29 Twp. 33 S. R. 13 East West
1650' FSL feet from (S) / N (circle one) Line of Section
1650' FEL feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: BELL A Well #: 2

Field Name: AETNA (SNYDERVILLE)
Producing Formation: SNYDERVILLE

Elevation: Ground: 1714' Kelly Bushing: 1723'
Total Depth: 4800' Plug Back Total Depth: 4742'
Amount of Surface Pipe Set and Cemented at 294' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 6-30-00
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used KCC
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Mark P. Stevenson
Mark P. Stevenson
Title: V.P. - Operations Date: 2/7/00

Subscribed and sworn to before me this 7th day of February, 2000

19 _____
Notary Public: Debra K. Clingan
Date Commission Expires: March 4, 2002



KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

KCC

11110190

Operator Name: WOOLSEY PETROLEUM CORPORATION Lease Name: BELL A Well #: 2

Sec. 29 Twp. 33 S. R. 13 East West County: BARBER

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report in copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

CONFIDENTIAL

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:
SPECTRAL DENSITY DUAL SPACED NEUTRON II
HIGH RESOLUTION INDUCTION
MICROLOG
SONIC CEMENT BOND

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
CHASE	2095	- 372
ONAGA	2932	-1209
HEEBNER	3927	-2204
SNYDERVILLE	3937	-2214
DOUGLAS	4006	-2283
LANSING	4113	-2390
SWOPE	4500	-2777
HERTHA	4536	2813
MARMATON	4599	-2876
MISSISSIPPIAN	4649	-2926

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
SURFACE	14-3/4"	10-3/4"	32.75#	294'	60/40 poz	225	2%gel, 3%cc
PRODUCTION	7-7/8"	4-1/2"	10.5#	4798'	ASC	270	5# Kol-Seal & 6% FL-10

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
6 JSPF	3942'-3952' SNYDERVILLE	ACID: 700 GAL 7.5% FE FRAC: 310,000 SCF NITROGEN & 12,000# 20/40 & 12,000# 12/20 SAND	same

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4686'	NONE	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 01/01/00 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	1	400	5		

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 3942'-3952' Other (Specify)

CONFIDENTIAL

15-007-22601-0000

ORIGINAL

ALLIED CEMENTING CO., INC.

2182

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

DATE 1-19-99 SERVICE POINT:

Medicine Lodge

DATE 11-12-99	SEC. 29	TWP. 33s	RANGE 13w	CALLED OUT 11:45 Am	ON LOCATION 12:15 pm	JOB START 4:05 pm	JOB FINISH 4:30 pm
LEASE Bell	WELL # A-2	LOCATION Union Chapel			COUNTY Barber	STATE Kansas	
OLD OR NEW (Circle one)			3 3/4 w, 1/4 s, to C.G. 1/2 N/S				

CONTRACTOR Duke #4 OWNER

TYPE OF JOB Surface

HOLE SIZE 14 3/4 T.D. 294 CEMENT

CASING SIZE 10 3/4 x 32" DEPTH 294 AMOUNT ORDERED 225 sx 60:40:2+3/cc

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM - COMMON A 135 @ 6.35 857.25

MEAS. LINE SHOE JOINT POZMIX 90 @ 3.25 292.50

CEMENT LEFT IN CSG. 15' feet GEL 4 @ 9.50 38.00

PERFS. CHLORIDE 7 @ 28.00 196.00

DISPLACEMENT 28 1/4 bbls freshwater @

EQUIPMENT @

@

@

@

@

HANDLING 225 @ 1.05 236.25

261-265 HELPER Shane Winsor RELEASED 225x15 .04 135.00

301 DRIVER Mark Brungardt

BULK TRUCK DRIVER APR 25 2002 TOTAL \$1755.00

REMARKS:

FROM CONFIDENTIAL SERVICE

Pipe on bottom breaks circulation.
Pump 3 bbls freshwater.
Mix + pump 225 sx 60:40:2+3/cc
Release plug.
Displace with 28 1/4 bbls freshwater.
Circulate 20 sx cement shut IN

DEPTH OF JOB 294'		
PUMP TRUCK CHARGE 0-300'		470.00
EXTRA FOOTAGE	@	
MILEAGE 15	@ 2.25	42.75
PLUG wooden 10 3/4"	@ 55.00	55.00
	@	
	@	

KCC

TOTAL \$567.75

RECEIVED

CHARGE TO: Woolsey Petroleum Corp.

P.O. Box 168

CITY MED. LOOSE STATE KANSAS ZIP 67104

FEB 09 2000

2-9-00

CONSERVATION DIVISION WICHITA, KS

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Rich Wheeler

FEB 7 2000

FLOAT EQUIPMENT

CONFIDENTIAL

	@	
	@	
	@	
	@	
	@	

TOTAL

TAX

TOTAL CHARGE 2322.75

DISCOUNT 464.55 IF PAID IN 30 DAYS

Net # 1858.20

Rich Wheeler

PRINTED NAME

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

ORIGINAL

2192

Federal Tax I.D.# 48-0772800

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

RECEIVED DEC 01 1999

SERVICE POINT: Medicine Lodge

Table with columns: DATE, SEC., TWP., RANGE, CALLED OUT, ON LOCATION, JOB START, JOB FINISH, LEASE, WELL #, LOCATION, COUNTY, STATE, OLD OR NEW.

Table with columns: CONTRACTOR, OWNER, TYPE OF JOB, HOLE SIZE, T.D., CASING SIZE, DEPTH, TUBING SIZE, DEPTH, DRILL PIPE, DEPTH, TOOL, DEPTH, PRES. MAX, MINIMUM, MEAS. LINE, SHOE JOINT, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT, EQUIPMENT, PUMP TRUCK, CEMENTER, HELPER, BULK TRUCK, DRIVER, MILEAGE.

REMARKS FROM CONFIDENTIAL SERVICE

Pipe on bottom, break circulation. pump 500 gal mud-clean, plug Rat + mouse hole with 15 sx 60:40:6 ports 270 sx ASC + 5# Kol-seal + 6% Ft-10. Cement in stop pumps, switch valves + wash pump + lines, switch valves + Release plug. Displace with 76 3/4 bbls 2% KCl water. Land plug. Release pressure float held.

Table with columns: DEPTH OF JOB, PUMP TRUCK CHARGE, EXTRA FOOTAGE, MILEAGE, PLUG.

TOTAL 1122.75

CHARGE TO: Woolsey Petroleum STREET P.O. Box 76B CITY MED. LODGE STATE KANSAS ZIP 67104

FLOAT EQUIPMENT

Table with columns: 1- Float shoe, 1- Latch Down plug, 1- Basket, 20- Centralizers, 31- Scratchers, 1- thread lock kit.

TOTAL 1596.00 1823.00

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX TOTAL CHARGE # 1459.35 DISCOUNT 1507.37 NET # 6127.48 IF PAID IN 30 DAYS

SIGNATURE Allen J. Dick

Alben F. Dick PRINTED NAME

RECEIVED KANSAS CORPORATION COMMISSION

FEB 09 2000

CONSERVATION DIVISION WICHITA, KS

KCC

ORIGINAL

FEB 17 2000

CONFIDENTIAL
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Well Name: Bell A-2
Company: Woolsey Petroleum Corp
Location: 29-33s-13w
Barber county Kansas
Date: 11-30-99

RECEIVED
KANSAS CORPORATION COMMISSION

RELEASED

APR 25 2002

FEB 09 2000

FROM CONFIDENTIAL
CONSERVATION DIVISION
WICHITA, KS

DEC -1 1999

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Woolsey Petroleum Corp.
WELL NAME: Bell A-2
LOCATION : 29-33s-13w Barber co KS
INTERVAL : 3926.00 To 3970.00 ft

DATE 11-19-99

KB 1723.00 ft TICKET NO: 12407 DST #1
GR 1714.00 ft FORMATION: Snyderville
TD 3970.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13308	13308	3227		PF Fr. 0056 to 0126 hr
SI 60	Range(Psi)	4700.0	4700.0	4995.0	0.0	0.0 IS Fr. 0126 to 0226 hr
SF 60	Clock(hrs)	12	12	elect		SF Fr. 0226 to 0326 hr
FS 240	Depth(ft)	3967.0	3967.0	3932.0	0.0	0.0 FS Fr. 0326 to 0726 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	1936.0	0.0	0.0	T STARTED 2300 hr
B. First Flow	0.0	0.0	41.0	0.0	0.0	T ON BOTM 0054 hr
B1. Final Flow	0.0	0.0	29.0	0.0	0.0	T OPEN 0056 hr
C. In Shut-in	0.0	0.0	680.0	0.0	0.0	T PULLED 0726 hr
D. Init Flow	0.0	0.0	36.0	0.0	0.0	T OUT 0905 hr
E. Final Flow	0.0	0.0	30.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1381.0	0.0	0.0	
G. Final Hydro	0.0	0.0	1849.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	2400.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	52000.00 lbs
Initial Str Wt	52000.00 lbs
Unseated Str Wt	52000.00 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	3918.00 ft

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP
20.00 ft of Slightly gassy mud
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of
0.00 ft of 6' of pay
0.00 ft of
0.00 ft of Rw 1.3 @ 49

SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Weak building to bottom of bucket
in 8 minutes

Initial Shut-in:
Blow built to 7"

Final Flow:
Strong blow immediatly- Gas to
surface 45 minutes into final flow
gauged 7.5 mcfd at end of flow

Final Shut-in:
Blow built to 8"

SAMPLES: 1 taken final flow
SENT TO: Caraway Labs

Test Successful: Y

KCC

FEB 17 2003

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RELEASED

APR 25 2002

FROM CONFIDENTIAL

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/
Vis.	50.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	Good
% Porosity	16.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Mike Maune
Contr.	Duke
Rig #	4
Unit #	
Pump T.	

11/23/99

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:	996151	Analyzed:	11/23/99
Sample From:	Bell A-2 DST 1	Pressure:	
Producer:	Woolsey Petroleum	Temperature:	
Date:		Location:	29-33-13
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Snyderville

	Mole %	GPM
Helium	He: 0.079	0.000
Hydrogen	H2: 0.004	0.000
Oxygen	O2: 14.401	0.000
Nitrogen	N2: 55.164	0.000
Carbon Dioxide	CO2: 0.099	0.000
Methane	C1: 27.075	0.000
Ethane	C2: 1.393	0.373
Propane	C3: 0.905	0.249
Iso Butane	iC4: 0.133	0.044
Normal Butane	nC4: 0.325	0.102
Iso Pentane	iC5: 0.091	0.033
Normal Pentane	nC5: 0.113	0.041
Hexanes Plus	C6+: 0.218	0.095

TOTAL: 100.000 0.937
Z Fact: 0.9991
SP.GR.: 0.8949
BTU (SAT): 350.1 @ 14.73 psia
BTU (DRY): 356.3 @ 14.73 psia
OCTANE RATING: 38.1

COMMENTS:

14.401

11/23/99

GAS RECOVERY

COMPANY: Woolsey Petroleum Corp.

DATE: 11-19-99

WELL NAME: Bell A-2

KB Elev: 1723.00 ft TICKET #12407 DST #1

WELL LOCATION: 29-33s-13w Barber co KS

GR Elev: 1714.00 ft FORMATION: Snyderville

INTERVAL Fr.: 3926.00 To 3970.00 T.D.: 3970.00 ft TEST TYPE: CONV

GAS RECOVERY MEASURED WITH Adjustable Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
45	0.12	5	0	6800.0
55	0.12	6	0	7200.0
60	0.12	7	0	7500.0

*** TOOL DIAGRAM *** CONV

WELL NAME: Bell A-2

LOCATION : 29-33s-13w Barber co KS

TICKET No. 12407 D.S.T. No. 1 DATE 11-19-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 13

TOTAL TOOL 40

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY 71

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 63 Single Total 3918

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3989

TOTAL DEPTH 3970

TOTAL DRILL PIPE ABOVE K.B. 19

REMARKS:

P.O. SUB Top of tool @	3899
C.O. SUB	
S.I. TOOL Sterling	3905
HMV Sterling	3910
JARS Sterling	3915
SAFETY JOINT Bowen	3917
PACKER top	3921
PACKER bottom	3926
DEPTH 3926	
STUBB 1'	3927
ANCHOR 5' Perfs	3932
Alpine @ 3932	
1 joint of pipe & subs to	3964
T.C. DEPTH	
3' Perfs	3967
AK-1 @ 3967	
BULLNOSE	
T.D. 3' to	3970

TEST HISTORY

12407 Woolsey Petroleum Corp. Bell A-2 DST #1

Flag Points

	t (Min.)	P (PSig)
A:	0.00	1936.28
B:	0.00	41.22
C:	31.25	29.42
D:	58.75	680.29
E:	0.00	36.03
F:	59.50	30.12
G:	240.75	1381.06
Q:	0.00	1846.56

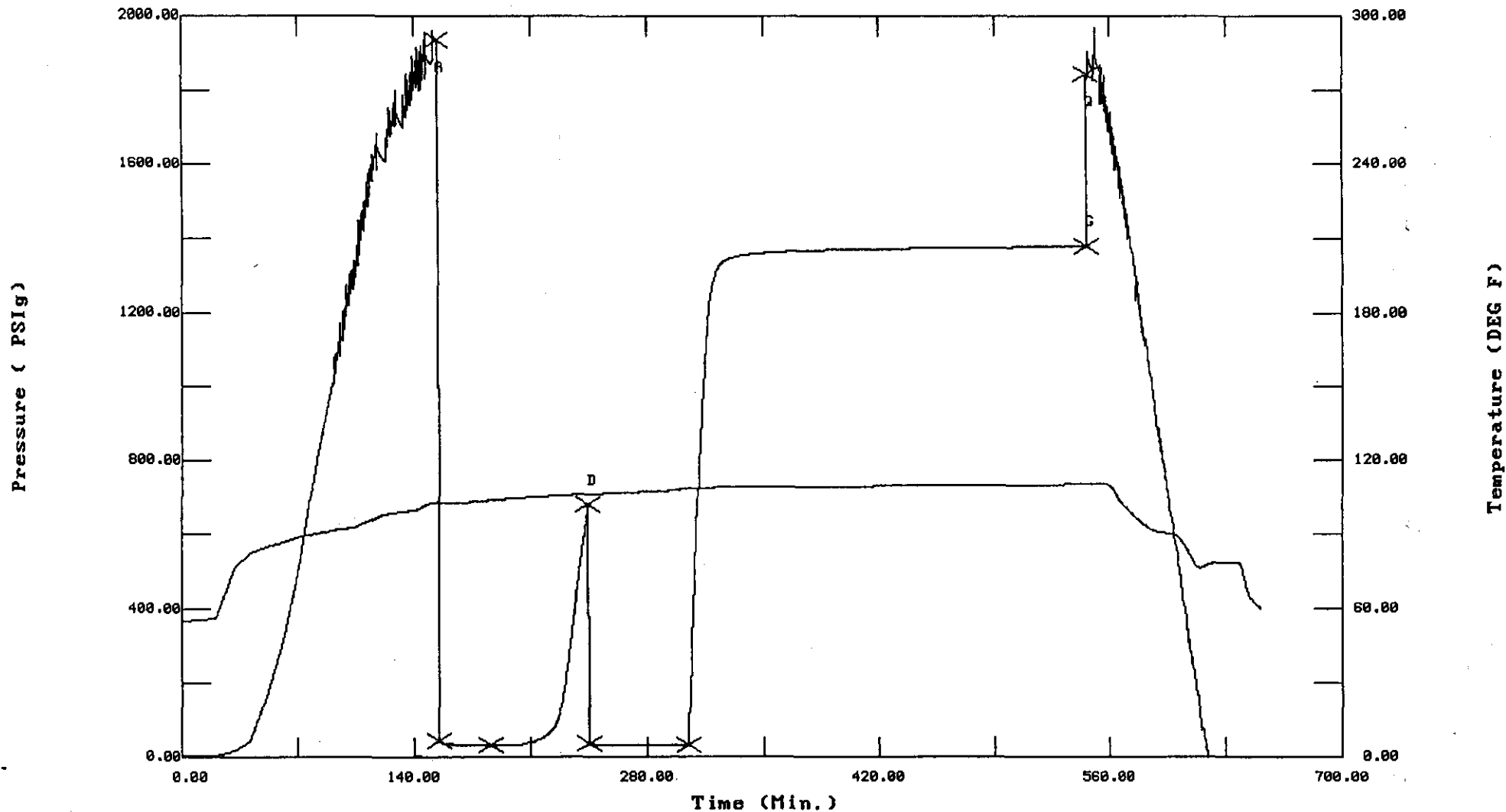


CHART PAGE



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

No 12407

Well Name & No. <u>Bell #2</u>		Test No. <u>1</u>	Date <u>11-19-99</u>
Company <u>Woodsey Petroleum Corp</u>		Zone Tested <u>Snyderville</u>	
Address <u>125 N Market #1000 Wichita, KS 67202</u>		Elevation <u>1723</u> KB <u>1714</u> GL	
Co. Rep / Geo. <u>Mike Maune</u>	Cont. <u>Duke #4</u>	Est. Ft. of Pay <u>6</u> , Por. <u>16</u> %	
Location: Sec. <u>29</u>	Twp. <u>33c</u>	Rge. <u>Bw</u>	Co. <u>Barber</u> State <u>Ks</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>3926-3970</u>	Initial Str Wt./Lbs. <u>54,000</u>	Unseated Str Wt./Lbs. <u>54,000</u>
Anchor Length <u>44</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>54,000</u>
Top Packer Depth <u>3921</u>	Tool Weight <u>2400</u>	
Bottom Packer Depth <u>3926</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>3970</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.1</u> LCM _____ Vis. <u>50</u> WL _____	Drill Pipe Size <u>4 1/2 x 1 1/2</u>	Ft. Run <u>3918</u>
Blow Description <u>1" blow building to bottom of bucket in 8 minutes</u>		
<u>ISE - blow built to 7"</u>		
<u>FF - strong - bottom of bucket immediately - GTS 45 minutes into</u>		
<u>final flow 3.2 mcf/d</u>		

Recovery — Total Feet <u>20</u>	GIP <u>GTS</u>	Ft. in DC _____	Ft. in DP <u>20</u>
Rec. <u>20</u> Feet Of <u>Sassy mud</u>	%gas _____	%oil _____	%water _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____

BHT _____ °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW 1.3 @ 49 °F Chlorides 2000 ppm Recovery Chlorides _____ ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>C</u>	<u>1936</u>	<u>3227</u>	<u>1900</u>
(B) First Initial Flow Pressure	<u>1</u>	<u>41</u>	(depth) <u>3932</u>	T-Started <u>2300</u>
(C) First Final Flow Pressure	<u>0</u>	<u>29</u>	PSI Recorder No. <u>13308</u>	T-Open <u>0056</u>
(D) Initial Shut-In Pressure	<u>c</u>	<u>680</u>	(depth) <u>3967</u>	T-Pulled <u>0726</u>
(E) Second Initial Flow Pressure	<u>k</u>	<u>36</u>	PSI Recorder No. _____	T-Out <u>0905</u>
(F) Second Final Flow Pressure	<u>0</u>	<u>30</u>	(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure	<u>9</u>	<u>1381</u>	PSI Initial Opening _____	Test <u>600</u>
(Q) Final Hydrostatic Mud		<u>1849</u>	PSI Initial Shut-in _____	Jars <u>X</u> <u>200</u>
			Final Flow _____	Safety Joint <u>X</u> <u>50</u>
			Final Shut-in <u>63 stands</u>	Straddle _____
				Circ. Sub _____
				Sampler _____
				Extra Packer _____
				Elec. Rec. <u>X</u> <u>150</u>
				Mileage _____
				Other <u>slby</u> <u>3@30</u> <u>90</u>
				TOTAL PRICE \$ <u>1090</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 Michael K. Maune
 Our Representative Paul Simpson

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petroleum Corp.

DATE 11-20-99

WELL NAME: Bell A-2

KB 1723.00 ft TICKET NO: 12408 DST #2

LOCATION : 29-33s-13w Barber co KS

GR 1714.00 ft FORMATION: Lansing A

INTERVAL : 4119.00 To 4140.00 ft

TD 4140.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084	3227			PF Fr. 1029 to 1059 hr
SI 60 Range (Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 1059 to 1159 hr
SF 60 Clock (hrs)	12	12	elect			SF Fr. 1159 to 1259 hr
FS 240 Depth (ft)	4137.0	4137.0	4125.0	0.0	0.0	FS Fr. 1259 to 0459 hr

	Field	1	2	3	4	
A. Init Hydro	2037.0	2030.0	2004.0	0.0	0.0	T STARTED 0911 hr
B. First Flow	33.0	44.0	13.0	0.0	0.0	T ON BOTM 1027 hr
B1. Final Flow	33.0	44.0	18.0	0.0	0.0	T OPEN 1029 hr
C. In Shut-in	1358.0	1357.0	1360.0	0.0	0.0	T PULLED 1659 hr
D. Init Flow	0.0	0.0	17.0	0.0	0.0	T OUT 1856 hr
E. Final Flow	0.0	0.0	28.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	1449.0	0.0	0.0	
G. Final Hydro	2015.0	1997.0	1946.0	0.0	0.0	
Inside/Outside	0	0	I			

RECOVERY

Tot Fluid 30.00 ft of 0.00 ft in DC and 30.00 ft in DP
 30.00 ft of gassy mud
 0.00 ft of
 600.00 ft of gas in pipe
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of 10' of pay
 0.00 ft of Rw 1.1 @ 60

SALINITY 7500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Weak building to bottom of bucket
 in 8 minutes
 Initial Shut-in:
 Weak 1/8" blow
 Final Flow:
 5" blow building to bottom of bucket
 in 20 mins.
 Final Shut-in:
 Weak surface blow

SAMPLES:

SENT TO:

TOOL DATA-----

Tool Wt.	2200.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	58000.00 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	4104.00 ft

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	58.00 S/L
W.L.	8.00 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	116.00 F
Hole Condition	Good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Paul Simpson
Co. Rep.	Mike Maune
Contr.	Duke
Rig #	4
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

WELL NAME: Bell A-2

LOCATION : 29-33s-13w Barber co KS

TICKET No. 12408 D.S.T. No. 2 DATE 11-20-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 21

TOTAL TOOL 48

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 Single Total

D.P. ABOVE TOOLS.Stands Single Total 4104

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4152

TOTAL DEPTH 4140

TOTAL DRILL PIPE ABOVE K.B. 11

REMARKS:

P.O. SUB Top of tool @	3899
C.O. SUB	
S.I. TOOL Sterling	3905
HMV Sterling	4103
JARS Sterling	4108
SAFETY JOINT Bowen	4110
PACKER top	4114
PACKER bottom	4119
DEPTH 4119	
STUBB 1'	4120
ANCHOR 5' Perfs	4125
Alpine @	4125
5' perf	4130
3' perf	4133
T.C.	
DEPTH	
4' perf	4137
AK-1 @	4137
BULLNOSE	
T.D. 3' to	4140

TEST HISTORY

12488 Woolsey Petroleum Corp. Bell A-2 DST #2

Flag Points

t (Min.) P (PSig)

A:	0.00	2884.43
B:	0.00	13.34
C:	30.00	18.09
D:	58.75	1360.27
E:	0.00	16.69
F:	61.25	28.22
G:	238.25	1449.38
Q:	0.00	1946.35

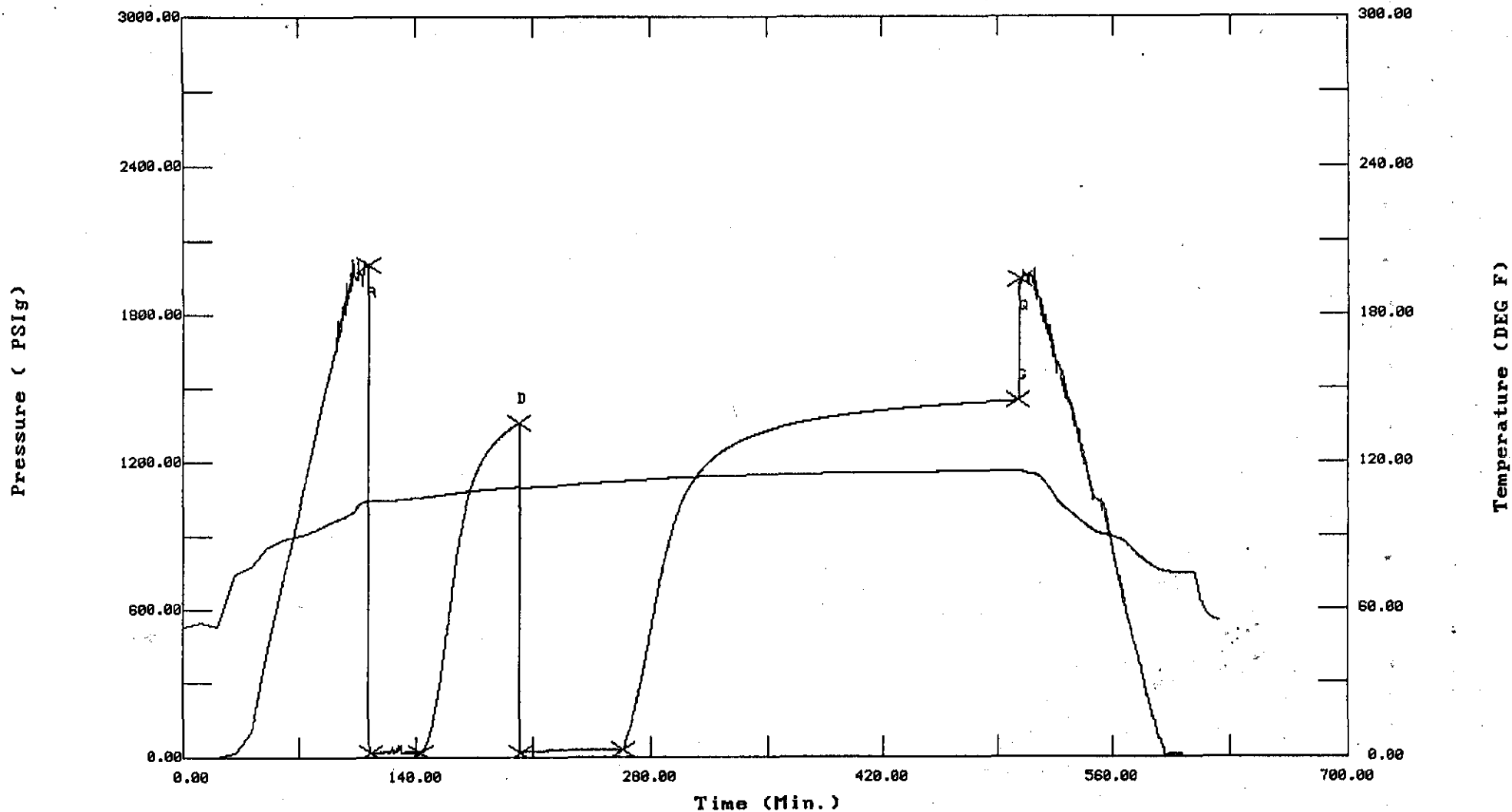
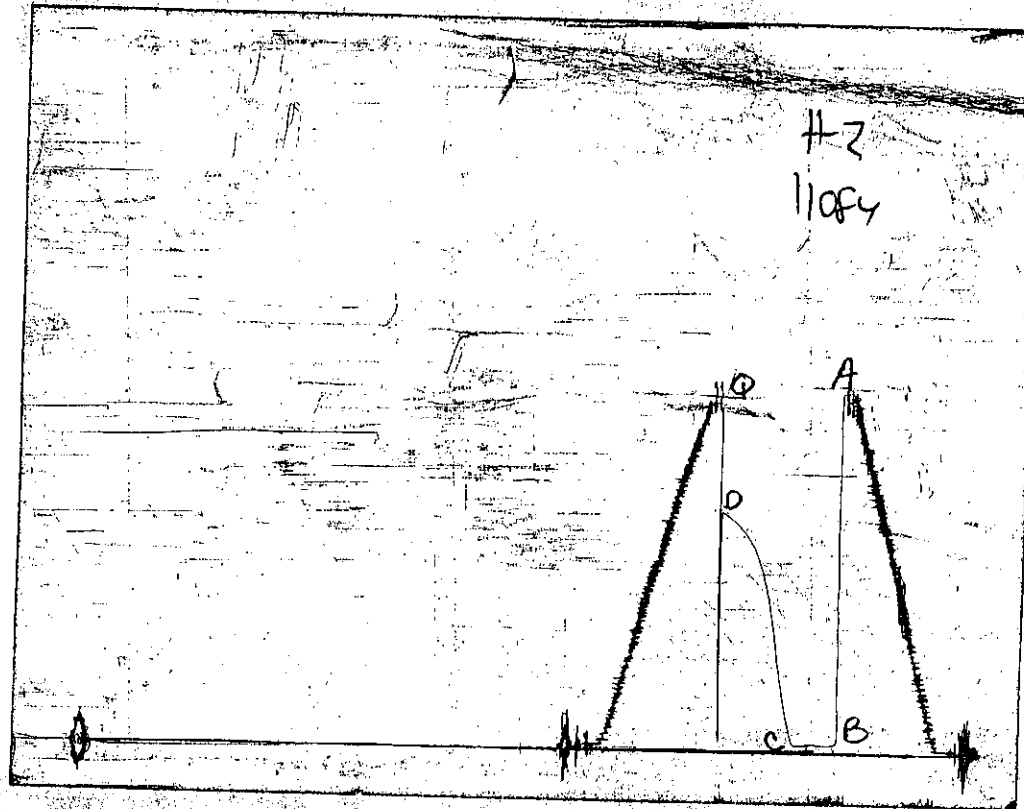


CHART PAGE



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

No 12408

Well Name & No. Bell A-2 Test No. 2 Date 11-20-99
 Company Woodsey Petroleum Corp Zone Tested Lansing A
 Address _____ Elevation 1723 KB 1714 GL
 Co. Rep / Geo. Mike Maure Cont. Duke #4 Est. Ft. of Pay 10 Por. 10 %
 Location: Sec. 29 Twp. 33s Rge. 13w Co. Borber State Ks
 No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4119-4140 Initial Str Wt./Lbs. 54,000 Unseated Str Wt./Lbs. 54,000
 Anchor Length 21 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 58,000
 Top Packer Depth 4114 Tool Weight 2200
 Bottom Packer Depth 4119 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4140 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM 58 Vis. 58 WL 8.0 Drill Pipe Size 4 1/2 IH Ft. Run 4104
 Blow Description 1" blow building to bottom of bucket in 8 minutes
FST weak 1/8" blow
FS- 5" blow building to bottom of bucket in 20
minutes FST- surface blow

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>30</u>	<u>600</u>		<u>30</u>
Rec. <u>30</u> Feet Of <u>Mud</u>		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil
Rec. _____ Feet Of _____		%gas	%oil

BHT 116 °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 6200 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2037</u>	<u>2004</u>		<u>11084</u>	<u>0730</u>
(B) First Initial Flow Pressure	<u>33</u>	<u>13</u>		(depth) <u>4137</u>	T-Started <u>0911</u>
(C) First Final Flow Pressure	<u>33</u>	<u>18</u>		Recorder No. <u>3227</u>	T-Open <u>1029</u>
(D) Initial Shut-In Pressure	<u>1358</u>	<u>1360</u>		(depth) <u>4125</u>	T-Pulled <u>1659</u>
(E) Second Initial Flow Pressure		<u>17</u>		Recorder No. _____	T-Out <u>1856</u>
(F) Second Final Flow Pressure		<u>28</u>		(depth) _____	T-Off Location _____
(G) Final Shut-in Pressure		<u>1449</u>		Initial Opening <u>30</u>	Test <u>700</u>
(Q) Final Hydrostatic Mud	<u>2615</u>	<u>9946</u>		Initial Shut-in <u>60</u>	Jars <u>X</u> <u>200</u>

Final Flow 60 Safety Joint X 50
 Final Shut-in 240 Straddle _____
66 stands Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elec. Rec. X 150
 Mileage _____
 Other Stibby 2 @ 30 = 60
 TOTAL PRICE \$ 1160

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 Mike R. Maure
 Our Representative Paul Simpson

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Pet, corp.

DATE 11/21/199

WELL NAME: Bell A #2

KB 1723.00 ft

TICKET NO: 12333

DST #3

LOCATION : 29-33s-13w Barber co KS

GR 1714.00 ft

FORMATION: Lansing (E)

INTERVAL : 4316.00 To 4335.00 ft

TD 4335.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10991	10991	3246			PF Fr. 2252 to 2322 hr
SI 60	Range(Psi)	4200.0	4200.0	4995.0	0.0	0.0	IS Fr. 2322 to 0022 hr
SF 60	Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 0022 to 0122 hr
FS 240	Depth(ft)	4332.0	4332.0	4322.0	0.0	0.0	FS Fr. 0122 to 0522 hr

	Field	1	2	3	4	
A. Init Hydro	2177.0	2183.0	2136.0	0.0	0.0	T STARTED 2018 hr
B. First Flow	21.0	27.0	32.0	0.0	0.0	T ON BOTM 2249 hr
B1. Final Flow	21.0	24.0	32.0	0.0	0.0	T OPEN 2252 hr
C. In Shut-in	1523.0	1528.0	1547.0	0.0	0.0	T PULLED 0522 hr
D. Init Flow	32.0	42.0	34.0	0.0	0.0	T OUT 0700 hr
E. Final Flow	32.0	42.0	51.0	0.0	0.0	
F. Fl Shut-in	1544.0	1569.0	1577.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2166.0	2124.0	2112.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 70.00 ft of 0.00 ft in DC and 70.00 ft in DP
 4248.00 ft of Gas in pipe
 70.00 ft of Slight gas cut watery mud
 0.00 ft of 10% gas 30% water 60% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 40000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	chemical
Weight	9.30 lb
Vis.	56.00 S/I
W.L.	11.60 in
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.	Mikeal K. Maune
Contr.	Duke
Rig #	4
Unit #	no
Pump T.	none

BLOW DESCRIPTION

Initial Flow:

Strong blow bottom of bucket in 30 secs.

Initial Shut-in:

Bled down for 2 mins. no blow back.

Final Flow:

Strong blow bottom of bucket in 15 secs. gas to surface in 8 mins. gauge gas

Final Shut-in:

Bled down for 2 mins. no blow back no blow back

SAMPLES: caraway analytical 728 N. Roosevelt
 SENT TO: Liberal Ks. 67601

Test Successful: Y

GAS RECOVERY

COMPANY: Woolsey Pet, corp.

DATE: 11/21/199

WELL NAME: Bell A #2

KB Elev: 1723.00 ft TICKET #12333 DST #3

WELL LOCATION: 29-33s-13w Barber co KS

GR Elev: 1714.00 ft FORMATION: Lansing (E)

INTERVAL Fr.: 4316.00 To 4335.00 T.D.: 4335.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adj.Choke

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
13	0.06	0	4	5116.0
18	0.06	0	6	5141.0
23	0.06	0	7	5154.0
28	0.06	0	8	5166.0
33	0.06	0	8	5166.0
38	0.06	0	9	5179.0
43	0.06	0	10	5191.0
48	0.06	0	10	5191.0
53	0.06	0	11	5204.0
58	0.06	0	11	5204.0

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:	996152	Analyzed:	11/23/99
Sample From:	Bell A-2 DST 3	Pressure:	
Producer:	Woolsey Petroleum	Temperature:	
Date:		Location:	29-33-13
Time:		County:	Barber
Sampler:		State:	Kansas
Source:		Formation:	Lansing E

		Mole %	GPM
Helium	He:	0.222	0.000
Hydrogen	H2:	0.000	0.000
Oxygen	O2:	0.025	0.000
Nitrogen	N2:	12.876	0.000
Carbon Dioxide	CO2:	0.072	0.000
Methane	C1:	75.547	0.000
Ethane	C2:	5.839	1.562
Propane	C3:	2.976	0.820
Iso Butane	iC4:	0.368	0.120
Normal Butane	nC4:	0.945	0.298
Iso Pentane	iC5:	0.250	0.091
Normal Pentane	nC5:	0.309	0.112
Hexanes Plus	C6+:	0.571	0.249

TOTAL: 100.000 3.253
 Z Fact: 0.9975
 SP.GR.: 0.7113
 BTU (SAT): 1022.5 @ 14.73 psia
 BTU (DRY): 1040.6 @ 14.73 psia
 OCTANE RATING: 108.8

COMMENTS:

0.025

*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Bell A #2

LOCATION : 29-33s-13w Barber co KS

TICKET No. 12333 D.S.T. No. 3 DATE 11/21/199

TOTAL TOOL TO BOTTOM OF TOP PACKERS 28

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 19

TOTAL TOOL 47

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 Single Total

D.P. ABOVE TOOLS.Stands69 Single 1 Total 4318

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4365

TOTAL DEPTH 4335

TOTAL DRILL PIPE ABOVE K.B. 30

REMARKS:

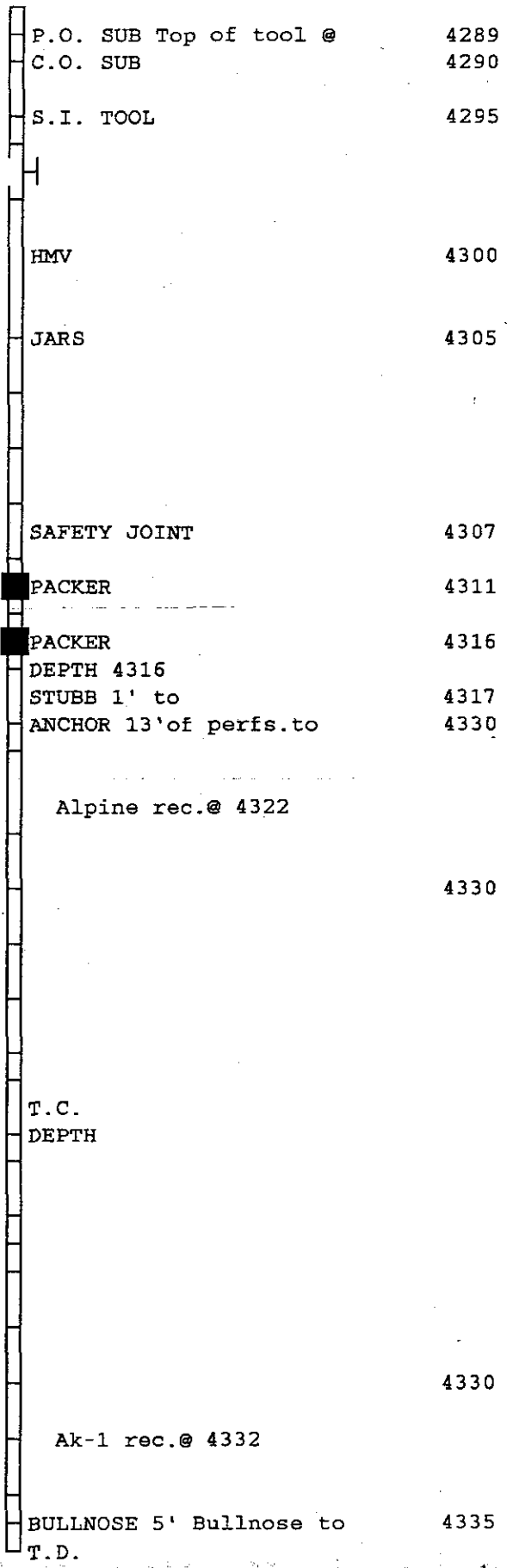
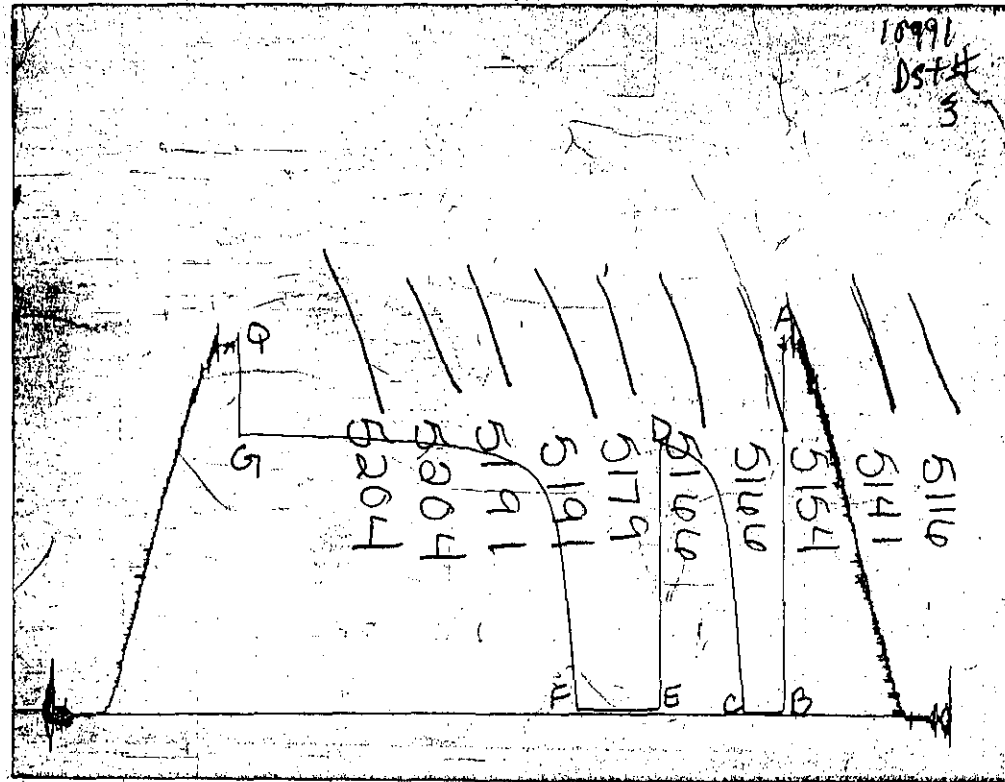


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12333

Test Ticket

Well Name & No. <u>Bell A #2</u>		Test No. <u>#3</u>	Date <u>11/21/1999</u>
Company <u>Woolsey Petroleum Corp.</u>		Zone Tested <u>Lans 'E</u>	
Address <u>125 N. Market, Suite 100 Wichita, KS</u>		Elevation <u>1723</u> KB <u>1714</u> GL	
Co. Rep / Geo. <u>Mike Monty</u>	Cont. <u>Dutse #4</u>	Est. Ft. of Pay _____	Por. _____ %
Location: Sec. <u>29</u>	Twp. <u>33S</u>	Rge. <u>13 W</u>	Co. <u>Barber</u> State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>4316' - 4335'</u>	Initial Str Wt/Lbs. <u>56000</u>	Unseated Str Wt/Lbs. <u>56000</u>
Anchor Length <u>19'</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>6500</u>
Top Packer Depth <u>4311'</u>	Tool Weight <u>9100</u>	
Bottom Packer Depth <u>4316'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input type="checkbox"/>
Total Depth <u>4335'</u>	Wt. Pipe Run <u>N/A</u>	Drill Collar Run <u>N/A</u>
Mud Wt. <u>9.3</u> LCM <u>Vis. 56</u> WL <u>11.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4318'</u>

Blow Description IF: Strong blow 5.0 b in 30 sec.
TSI: Bled down for 2 mins. No blow back
FF: Strong blow 6.0 b in 15 sec. 6TS in 8 min. Gauge
EST: Bled down for 2 mins.

Recovery — Total Feet <u>70'</u>	GIP <u>4248</u>	Ft. in DC <u>N/A</u>	Ft. in DP <u>70'</u>
Rec. <u>70</u> Feet Of <u>560 W/M</u>	<u>10</u> %gas	<u>0</u> %oil	<u>30</u> %water <u>60</u> %m
Rec. <u>4248'</u> Feet Of <u>635 IN pipe</u>	%gas	%oil	%water %m
Rec. _____ Feet Of _____	%gas	%oil	%water %m
Rec. _____ Feet Of _____	%gas	%oil	%water %m
Rec. _____ Feet Of _____	%gas	%oil	%water %m

BHT 120° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °A
 RW 2 @ 60 °F Chlorides 40,000 ppm Recovery Chlorides 5800 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2177</u>	<u>2136</u>		<u>3246</u>	<u>1915</u>
(B) First Initial Flow Pressure	<u>21</u>	<u>32</u>	PSI (depth)	<u>4322'</u>	T-Started <u>2018</u>
(C) First Final Flow Pressure	<u>21</u>	<u>32</u>	PSI (depth)	<u>10991</u>	T-Open <u>2252</u>
(D) Initial Shut-In Pressure	<u>1523</u>	<u>1547</u>	PSI (depth)	<u>4332'</u>	T-Pulled <u>0522</u>
(E) Second Initial Flow Pressure	<u>32</u>	<u>34</u>	PSI (depth)		T-Out <u>0700</u>
(F) Second Final Flow Pressure	<u>32</u>	<u>37</u>	PSI (depth)		T-Off Location <u>0800</u>
(G) Final Shut-in Pressure	<u>1544</u>	<u>1577</u>	PSI Initial Opening	<u>30</u>	Test <u>700 L</u>
(Q) Final Hydrostatic Mud	<u>2166</u>	<u>2112</u>	PSI Initial Shut-in	<u>60</u>	Jars <u>200</u> <input checked="" type="checkbox"/>
			Final Flow	<u>60</u>	Safety Joint <u>60</u> <input checked="" type="checkbox"/>
			Final Shut-in	<u>240</u>	Straddle _____

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 Michael K. Maune
 Our Representative Darren J. Lamerino

Extra Packer _____
 Elec. Rec. 150
 Mileage _____
 Other Hy 3 @ 30 =
 TOTAL PRICE \$ 1190

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petl.Corp.

DATE 11-23-99

WELL NAME: Bell A-2

KB 1723.00 ft

TICKET NO: 12394 DST #4

LOCATION : 29-33s-13w Barber co KS

GR 1714.00 ft

FORMATION: Lans G

INTERVAL : 4374.00 To 4397.00 ft

TD 4397.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 0500 to 0530 hr
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0530 to 0630 hr
SF 60	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0630 to 0730 hr
FS 240	Depth(ft)	4394.0	4394.0	4380.0	0.0	0.0	FS Fr. 0730 to 1130 hr

	Field	1	2	3	4	
A. Init Hydro	2129.0	2130.0	2141.0	0.0	0.0	T STARTED 0232 hr
B. First Flow	73.0	85.0	87.0	0.0	0.0	T ON BOTM 0515 hr
B1. Final Flow	137.0	139.0	140.0	0.0	0.0	T OPEN 0530 hr
C. In Shut-in	1681.0	1674.0	1676.0	0.0	0.0	T PULLED 1134 hr
D. Init Flow	144.0	139.0	141.0	0.0	0.0	T OUT 1405 hr
E. Final Flow	232.0	231.0	233.0	0.0	0.0	
F. Fl Shut-in	1670.0	1674.0	1681.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2107.0	2102.0	2055.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 82000.00 lbs
						Initial Str Wt 56000.00 lbs
						Unseated Str Wt 58000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4380.00 ft

RECOVERY

Tot Fluid 440.00 ft of 0.00 ft in DC and 440.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 90.00 ft of Watery mud 20% water 80% mud
 350.00 ft of Salt water.
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw .068 ohms @ 58 degrees F.
 0.00 ft of EST.FT. of PAY-----6
 SALINITY 150000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in 20
 secs. gas to surface in 22 mins.
 Initial Shut-in:
 Very weak blow.
 Final Flow:
 Strong blow
 Final Shut-in:
 Weak blow 1 - 2 1/2"

SAMPLES: Gas sample
 SENT TO: Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/
Vis.	52.00 S/L
W.L.	8.00 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	122.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 2 #/bl

Test Successful: Y

GAS RECOVERY

COMPANY: Woolsey Petl. Corp.

DATE: 11-23-99

WELL NAME: Bell A-2

KB Elev: 1723.00 ft TICKET #12394 DST #4

WELL LOCATION: 29-33s-13w Barber co KS

GR Elev: 1714.00 ft FORMATION: Lans G

INTERVAL Fr.: 4374.00 To 4397.00 T.D.: 4397.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
30	0.25	0	86	26020.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.25	13	0	40600.0
10	0.25	16	0	45100.0
15	0.25	17	0	46500.0
20	0.25	18	0	48000.0
25	0.25	18	0	48000.0
30	0.25	18	0	48000.0
35	0.25	18	0	48000.0
40	0.25	17	0	46500.0
45	0.25	17	0	46500.0
50	0.25	17	0	46500.0
55	0.25	16	0	45100.0
60	0.25	16	0	45100.0

TEST HISTORY

12394 DST#4 BELL A-2 WOOLSEY PETL.CORP.

Flag Points

	t (Min.)	P (PSI)
A:	0.00	2141.25
B:	0.00	87.45
C:	30.75	139.82
D:	63.00	1675.79
E:	0.00	141.33
F:	59.25	233.40
G:	241.50	1681.19
Q:	0.00	2055.48

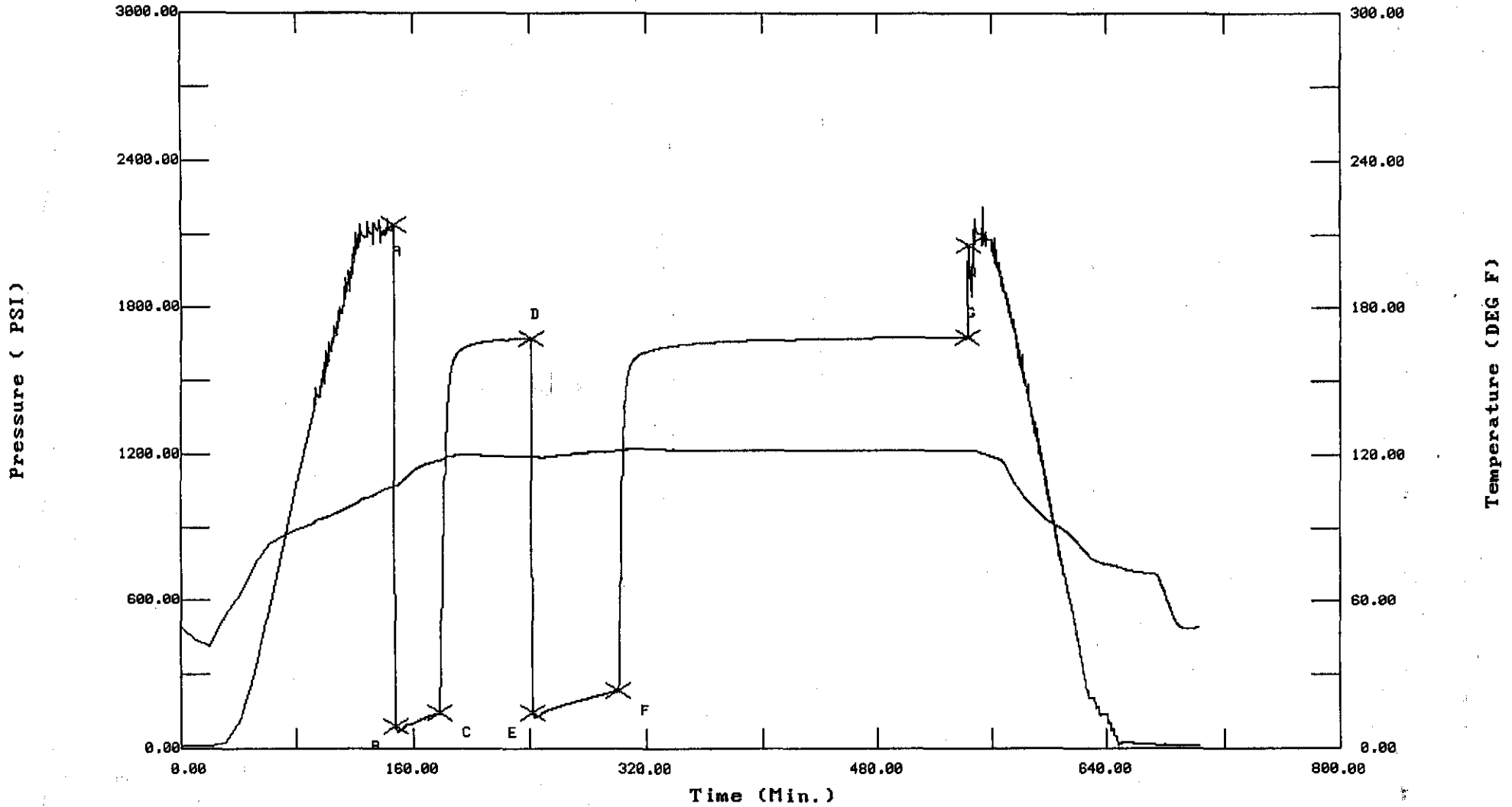
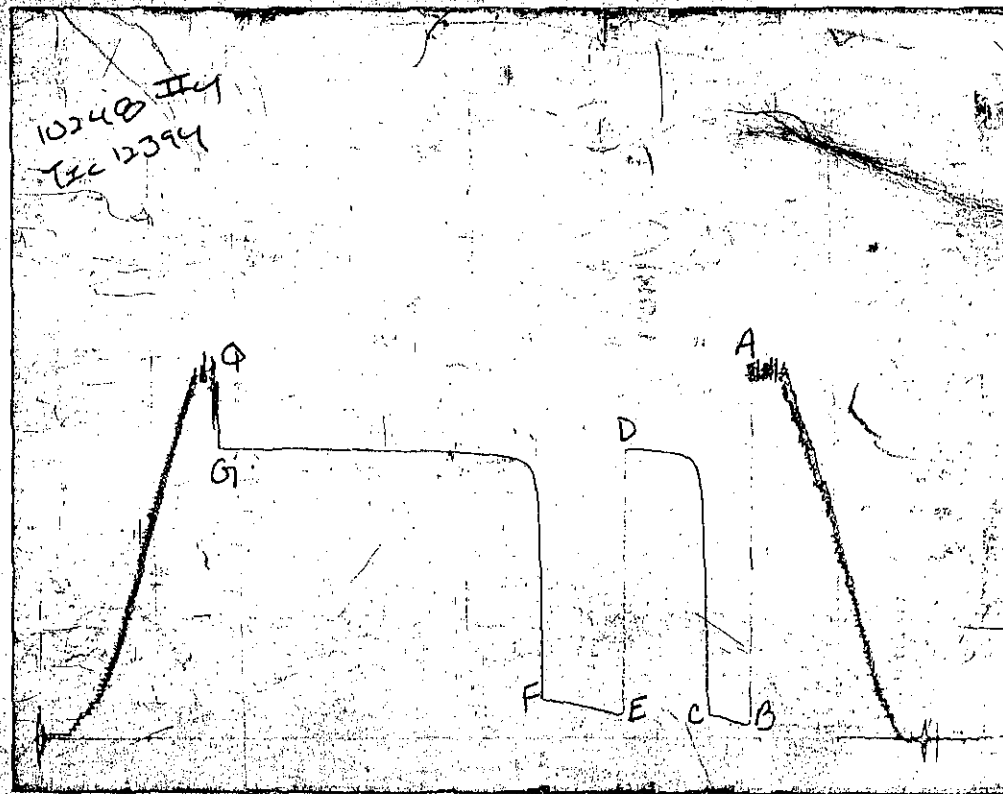
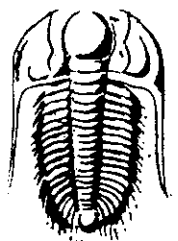


CHART PAGE



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



RILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601 • (913) 625-4778

GAS VOLUME REPORT

Walsley Path Corp.
OPERATOR

Bell A-2
WELL NAME AND NO.

4
DST NO.

INITIAL OPEN				FINAL OPEN			
Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
22	~	3/8"	67.5	5	13 PSI	1/4"	40000 35.9
30	86" in H ₂ O	1/4"	26020 15.5	10	16 PSI	1/4"	45100 40.9
				15	17 PSI	1/4"	46500 42.4
				20	18 PSI	1/4"	48000 43.9
				25	18 PSI	1/4"	48000 43.9
				30	18 PSI	1/4"	48000 43.9
				35	18 PSI	1/4"	48000 43.9
				40	17 PSI	1/4"	46500 42.4
				45	17 PSI	1/4"	46500 42.4
				50	17 PSI	1/4"	46500 42.4
				55	16 PSI	1/4"	45100 40.9
				60	16 PSI	1/4"	45100 40.9

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12394

Test Ticket

Well Name & No. <u>Bull A-2</u>	Test No. <u>4</u>	Date <u>11-23-99</u>
Company <u>Woolsey Petrol Corp.</u>	Zone Tested <u>Lans "G"</u>	
Address <u>125 N. MARKET ST. 1000 W. SHELTA, KS. 67202</u>		Elevation <u>1723</u> KB <u>1714</u> GL
Co. Rep / Geo. <u>MIKE MAUNE</u>	Cont. <u>Duke Deig #4</u>	Est. Ft. of Pay <u>6</u> Por. <u> </u> %
Location: Sec. <u>29</u>	Twp. <u>33S</u>	Rge. <u>13W</u> Co. <u>Barber</u> State <u>Ks.</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u> Evaluation (Y, N) <u> </u>

Interval Tested <u>4324' - 4397'</u>	Initial Str Wt/Lbs. <u>56,000</u>	Unseated Str Wt/Lbs. <u>58,000</u>
Anchor Length <u>23'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>82,000</u>
Top Packer Depth <u>4309'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>4374'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>4397'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.0</u> LCM <u>2#</u> Vis. <u>5.2</u> WL <u>B.O.C.</u>	Drill Pipe Size <u>4 1/2" x 4.4"</u>	Ft. Run <u>4380</u>
Blow Description <u>IF. Strong blow. B.O.B. in 20 secs. GTS in 22 mins. (see gas volume report) ISI: Very weak blow. FF: Strong blow. (see gas volume report) FSI: Weak blow. (1-2 1/2")</u>		

Recovery — Total Feet <u>440</u>	GIP <u>yes</u>	Ft. in DC <u> </u>	Ft. in DP <u> </u>
Rec. <u>90</u> Feet Of <u>W.M.</u>	%gas <u> </u>	%oil <u>20</u>	%water <u>80</u> %mud <u> </u>
Rec. <u>350</u> Feet Of <u>Salt Water</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u> %mud <u> </u>
BHT <u>122</u> °F Gravity <u>N/A</u>	°API <u> </u>	°F Corrected Gravity <u>N/A</u>	°API <u> </u>
RW <u>.068</u> °F <u>58</u>	Chlorides <u>150,000</u> ppm	Recovery Chlorides <u>7,000</u> ppm	System <u> </u>

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2129</u>	<u>2141</u>	<u>2342</u>	<u>2342</u>	<u>0140</u>
(B) First Initial Flow Pressure	<u>73</u>	<u>87</u>	<u>4380</u>	<u>4380</u>	<u>0232</u>
(C) First Final Flow Pressure	<u>137</u>	<u>140</u>	<u>10248</u>	<u>10248</u>	<u>0500</u>
(D) Initial Shut-In Pressure	<u>1481</u>	<u>1476</u>	<u>4394</u>	<u>4394</u>	<u>1134</u>
(E) Second Initial Flow Pressure	<u>144</u>	<u>141</u>	<u> </u>	<u> </u>	<u>1405</u>
(F) Second Final Flow Pressure	<u>232</u>	<u>233</u>	<u> </u>	<u> </u>	<u>1450</u>
(G) Final Shut-in Pressure	<u>1470</u>	<u>1481</u>	<u>30</u>	<u>30</u>	<u>700</u>
(Q) Final Hydrostatic Mud	<u>2107</u>	<u>2055</u>	<u>60</u>	<u>60</u>	<u>200</u>
			<u>60</u>	<u>60</u>	<u>50</u>
			<u>240</u>	<u>240</u>	<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 Michael K. Maune

Our Representative Gary Pustearp

Jars	<input checked="" type="checkbox"/>	<u>200</u>
Safety Joint	<input checked="" type="checkbox"/>	<u>50</u>
Straddle	<u> </u>	<u> </u>
Circ. Sub	<u> </u>	<u> </u>
Sampler	<u> </u>	<u> </u>
Extra Packer	<u> </u>	<u> </u>
Elec. Rec.	<input checked="" type="checkbox"/>	<u>150</u>
Mileage	<u> </u>	<u> </u>
Other Time	<input checked="" type="checkbox"/>	<u>4 @ 30 = 12</u>
TOTAL PRICE \$	<input checked="" type="checkbox"/>	<u>1220</u>

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petl.Corp.

DATE 11-24-99

WELL NAME: Bell A-2

KB 1723.00 ft

TICKET NO: 12395

DST #5

LOCATION : 29-33s-13w Barber co KS

GR 1714.00 ft

FORMATION: Lans I

INTERVAL : 4476.00 To 4490.00 ft

TD 4490.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 0918 to 0948 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0948 to 1048 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 1048 to 1148 hr
FS 240 Depth(ft)	4487.0	4487.0	4482.0	0.0	0.0	FS Fr. 1148 to 1154 hr

	Field	1	2	3	4	
A. Init Hydro	2182.0	2177.0	2216.0	0.0	0.0	T STARTED 0701 hr
B. First Flow	37.0	44.0	40.0	0.0	0.0	T ON BOTM 0910 hr
B1. Final Flow	34.0	44.0	60.0	0.0	0.0	T OPEN 0918 hr
C. In Shut-in	1734.0	1730.0	1765.0	0.0	0.0	T PULLED 1550 hr
D. Init Flow	34.0	44.0	68.0	0.0	0.0	T OUT 1800 hr
E. Final Flow	28.0	20.0	44.0	0.0	0.0	
F. Fl Shut-in	1736.0	1730.0	1767.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2151.0	2148.0	2131.0	0.0	0.0	Tool Wt. 2100.00 lb
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lb
						Wt Pulled Loose 65000.00 lb
						Initial Str Wt 56000.00 lb
						Unseated Str Wt 58000.00 lb
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D. Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4474.00 ft

RECOVERY

Tot Fluid 45.00 ft of 0.00 ft in DC and 45.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 45.00 ft of Water mud 26% water 74% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----6
 SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in
 5-10 secs. gas to surface in 8.5 mins
 Initial Shut-in:
 No blow.
 Final Flow:
 Strong blow
 Final Shut-in:
 No blow

SAMPLES: Gas sample
 SENT TO: Caraway/Liberal

Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb
Vis.	52.00 S/
W.L.	10.00 in
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	113.00 F
Hole Condition	good
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 2 #/bl

GAS RECOVERY

COMPANY: Woolsey Petl. Corp.

DATE: 11-24-99

WELL NAME: Bell A-2

KB Elev: 1723.00 ft TICKET #12395 DST #5

WELL LOCATION: 29-33s-13w Barber co KS

GR Elev: 1714.00 ft FORMATION: Lans I

INTERVAL Fr.: 4476.00 To 4490.00 T.D.: 4490.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

***** GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
20	0.50	0	48	92370.0
25	0.50	0	48	92370.0
30	0.50	0	48	92370.0

***** GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
5	0.50	8	0	127751.0
10	0.50	6	0	113625.0
15	0.50	0	82	99240.0
20	0.50	0	62	89634.0
25	0.50	0	56	94141.0
30	0.50	0	54	93599.0
35	0.50	0	54	93599.0
40	0.50	0	54	93599.0
45	0.50	0	54	93599.0
50	0.50	0	54	93599.0
55	0.50	0	54	93599.0
60	0.50	0	54	93599.0

TEST HISTORY

12395 DST#5 BELL A-2 WOOLSEY PETL. CORP.

Flag Points

t(Min.) P(PSI)

A:	0.00	2215.86
B:	0.00	39.78
C:	30.25	68.26
D:	59.00	1764.92
E:	0.00	68.40
F:	60.00	44.15
G:	243.75	1766.85
Q:	0.00	2131.26

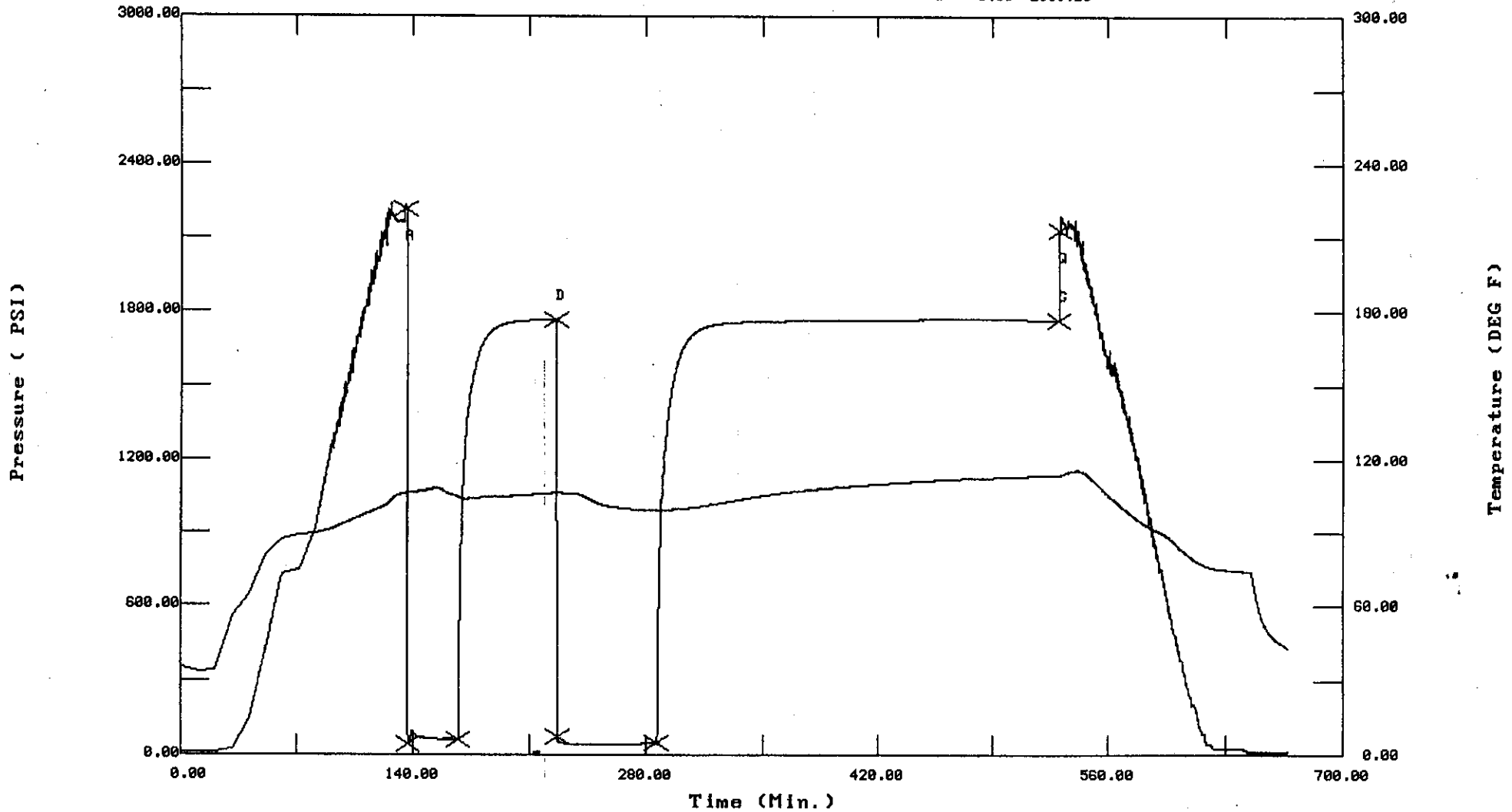
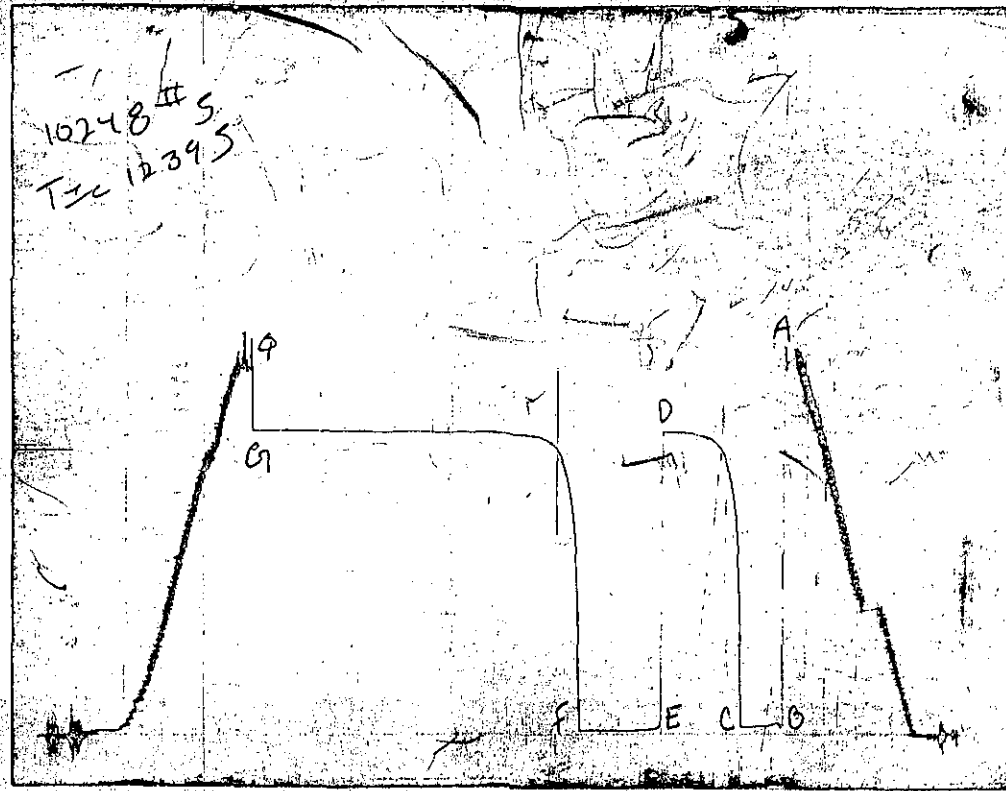
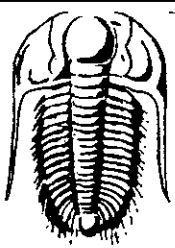


CHART PAGE



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



RILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67801 • (913) 625-4778

GAS VOLUME REPORT

Wausley Peth Corp.
OPERATOR

Bell A-2
WELL NAME AND NO.

5
DST NO.

INITIAL OPEN

FINAL OPEN

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
8.5	~	1/2"	GTS	5	8 PSI	1/2"	181.51
20	48" in H ₂ O	1/2"	43.4 90370	10	5.5 PSI	1/2"	1130.25
25	48" in H ₂ O	1/2"	43.4	15	82" in H ₂ O	1/2"	992.40
30	48" in H ₂ O	1/2"	43.4	20	62" in H ₂ O	1/2"	1200.55 89034
				25	52" in H ₂ O	1/2"	941.41
				30	54" in H ₂ O	1/2"	935.99
				35	54" in H ₂ O	1/2"	935.99
				40	54" in H ₂ O	1/2"	935.99
				45	54" in H ₂ O	1/2"	935.99
				50	54" in H ₂ O	1/2"	935.99
				55	54" in H ₂ O	1/2"	935.99
				60	54" in H ₂ O	1/2"	935.99

Remarks:

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12395

Test Ticket

Well Name & No. Bell A-2 Test No. S Date 11-24-99
 Company Woolsey Pith Corp. Zone Tested Layer I
 Address 125 N. Market Ste. 1000, Wichita, Ks. 67202 Elevation 1723 KB 1714 GL
 Co. Rep / Geo. Mike Maune Cont. Duke Dalg. #4 Est. Ft. of Pay 6 Por. %
 Location: Sec. 29 Twp. 33S Rge. 13W Co. Barber State Ks.
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4476 - 4490' Initial Str Wt./Lbs. 56,000 Unseated Str Wt./Lbs. 58,000
 Anchor Length 14' Wt. Set Lbs. 20,000[#] Wt. Pulled Loose/Lbs. 65,000
 Top Packer Depth 4471' Tool Weight 2,100[#]
 Bottom Packer Depth 4476' Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4490' Wt. Pipe Run None Drill Collar Run None
 Mud Wt. 9.1 LCM 2[#] Vis. 52 WL 10.0cc Drill Pipe Size 4 1/2" X 4 Ft. Run 4474'
 Blow Description IF: Strong blow, B.O.B. in 5-10 sec. GTS in 8.5 mins. (see gas volume report) FSI: No blow.
FF: Strong blow. (see gas volume report) FSI: No blow.

Recovery — Total Feet 45 GIP Yes Ft. in DC Ft. in DP 45
 Rec. 45 Feet Of W.M. 26% 74% M %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 113 °F Gravity N/A °API D@ °F Corrected Gravity N/A °API
 RW P.C @ °F Chlorides 7,000 ppm Recovery Chlorides 7,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2182</u>	<u>2216</u>	<u>2342</u>	<u>0615</u>
(B) First Initial Flow Pressure	<u>37</u>	<u>40</u>	(depth) <u>4482'</u>	T-Started <u>0701</u>
(C) First Final Flow Pressure	<u>34</u>	<u>60</u>	PSI Recorder No. <u>10248</u>	T-Open <u>0918</u>
(D) Initial Shut-in Pressure	<u>1739</u>	<u>1765</u>	(depth) <u>4487'</u>	T-Pulled <u>15.50</u>
(E) Second Initial Flow Pressure	<u>34</u>	<u>68</u>	PSI Recorder No. <u> </u>	T-Out <u>1800</u>
(F) Second Final Flow Pressure	<u>28</u>	<u>44</u>	(depth) <u> </u>	T-Off Location <u>1840</u>
(G) Final Shut-in Pressure	<u>1736</u>	<u>1767</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>
(Q) Final Hydrostatic Mud	<u>251</u>	<u>231</u>	PSI Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
			Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
			Final Shut-in <u>240</u>	Straddle <u> </u>
			<u>4</u>	Circ. Sub <u> </u>
				Sampler <u> </u>
				Extra Packer <u> </u>
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
				Mileage <u> </u>
				Other Time <input checked="" type="checkbox"/> <u>40 30 120</u>
				TOTAL PRICE <input checked="" type="checkbox"/> <u>1220</u>

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Approved By Michael K. Maune
 Our Representative Cary P. [Signature]

TRILOBITE TESTING L.L.C.

OPERATOR : Woolsey Petl. Corp.

DATE 11-25-99

WELL NAME: Bell A-2

KB 1723.00 ft

TICKET NO: 12396

DST #6

LOCATION : 29-33s-13w Barber co KS

GR 1714.00 ft

FORMATION: Miss.

INTERVAL : 4642.00 To 4680.00 ft

TD 4680.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342		PF Fr. 0005 to 0035 hr
SI 60	Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0 IS Fr. 0035 to 0135 hr
SF 60	Clock(hrs)	12 hr	12 hr	batt.		SF Fr. 0135 to 0235 hr
FS 240	Depth(ft)	4677.0	4677.0	4654.0	0.0	0.0 FS Fr. 0235 to 0635 hr

	Field	1	2	3	4	
A. Init Hydro	2305.0	2318.0	2301.0	0.0	0.0	T STARTED 2121 hr
B. First Flow	16.0	19.0	42.0	0.0	0.0	T ON BOTM 0000 hr
B1. Final Flow	14.0	10.0	26.0	0.0	0.0	T OPEN 0005 hr
C. In Shut-in	1001.0	981.0	1013.0	0.0	0.0	T PULLED 0639 hr
D. Init Flow	14.0	18.0	25.0	0.0	0.0	T OUT 0855 hr
E. Final Flow	14.0	18.0	29.0	0.0	0.0	
F. Fl Shut-in	1425.0	1438.0	1443.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2250.0	2249.0	2187.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 70000.00 lbs
						Initial Str Wt 58000.00 lbs
						Unseated Str Wt 58000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4631.00 ft

RECOVERY

Tot Fluid 32.00 ft of 0.00 ft in DC and 32.00 ft in DP
 3900.00 ft of Gas in pipe.
 32.00 ft of Drilling mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw n.c. ohms @ degrees F.
 0.00 ft of EST.FT. of PAY-----12

SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow bottom of bucket in
 1 1/2 mins.
 Initial Shut-in:
 No blow.
 Final Flow:
 Strong blow bottom of bucket in
 5 - 10 secs.
 Final Shut-in:
 No blow

SAMPLES: none

SENT TO: Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	52.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 F
Hole Condition	good
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Mike Maune
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 2 #/bl

Test Successful: Y

TEST HISTORY

12396 DST#6 BELL A-2 WOOLSEY PETL. CORP.

Flag Points

	t(Min.)	P(PSI)
A:	0.00	2301.30
B:	0.00	41.96
C:	29.25	26.44
D:	60.00	1013.26
E:	0.00	24.51
F:	58.75	29.21
G:	244.75	1442.64
Q:	0.00	2188.99

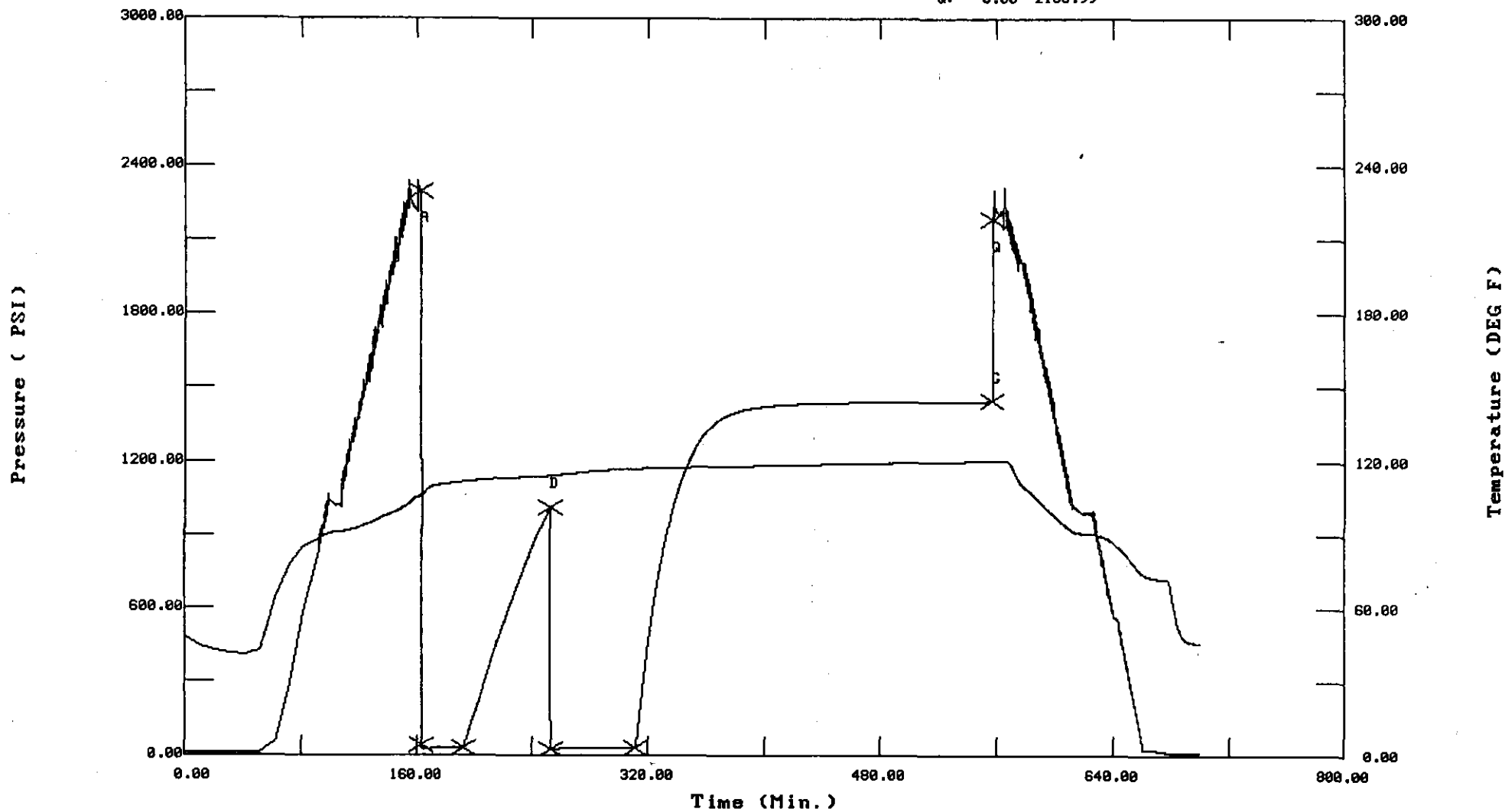
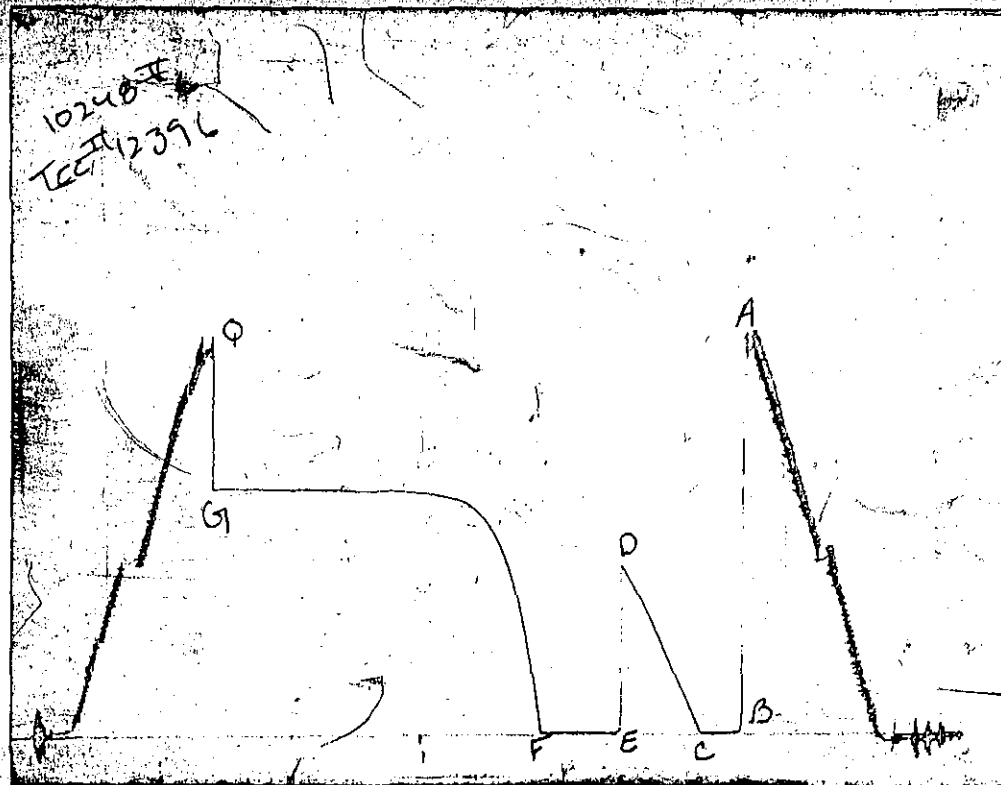


CHART PAGE



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No. 12396

Test Ticket

Well Name & No. <u>Bell A-2</u>	Test No. <u>6</u>	Date <u>11-25-99</u>
Company <u>Woolsey Peth. Corp.</u>	Zone Tested <u>Miss.</u>	
Address <u>Wichita Ks. 67202</u>	Elevation <u>1723</u> KB <u>1714</u> GL	
Co. Rep / Geo. <u>Mike Maune</u> Cont. <u>Duke Daly</u> ^{III}	Est. Ft. of Pay <u>12</u> Por. <u> </u> %	
Location: Sec. <u>29</u> Twp. <u>33S</u> Rge. <u>13W</u>	Co. <u>Barber</u> State <u>Ks.</u>	
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u> </u>	Evaluation (Y, N) <u> </u>

Interval Tested <u>4642 - 4680'</u>	Initial Str Wt/Lbs. <u>58,000</u>	Unseated Str Wt/Lbs. <u>58,000</u>
Anchor Length <u>38'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>74,000</u>
Top Packer Depth <u>4637'</u>	Tool Weight <u>2,100</u>	
Bottom Packer Depth <u>4642'</u>	Hole Size — <u>7 7/8"</u> <input checked="" type="checkbox"/>	Rubber Size — <u>6 3/4"</u> <input checked="" type="checkbox"/>
Total Depth <u>4680'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>None</u>
Mud Wt. <u>9.2</u> LCM <u>2#</u> Vis. <u>52</u> WL <u>8.800</u>	Drill Pipe Size <u>4 1/2" x 4</u>	Ft. Run <u>4631'</u>
Blow Description <u>IF: Strong blow. B.O.B. in 1 1/2 mins.</u>		
<u>ISI: No blow.</u>		
<u>FF: Strong blow. B.O.B. in 5-10 secs. FSI: No blow.</u>		

Recovery — Total Feet <u>32</u>	Fluid GIP <u>3100 approx</u>	Ft. in DC <u> </u>	Ft. in DP <u>32'</u>
Rec. <u>32</u> Feet Of <u>Dry. Mud</u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
Rec. <u> </u> Feet Of <u> </u>	%gas <u> </u>	%oil <u> </u>	%water <u> </u>
BHT <u>120</u> °F Gravity <u>N/A</u>	°API D @ <u> </u>	°F Corrected Gravity <u>N/A</u>	°API <u> </u>
RW <u>N.C.</u> @ <u> </u>	°F Chlorides <u>7,000</u> ppm	Recovery Chlorides <u>7,000</u> ppm	System <u> </u>

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2305</u>	<u>2301</u>	<u> </u>	<u>2342</u>	<u>2045</u>
(B) First Initial Flow Pressure	<u>16</u>	<u>42</u>	<u> </u>	<u>4654'</u>	<u>2121</u>
(C) First Final Flow Pressure	<u>14</u>	<u>26</u>	<u> </u>	<u>10248</u>	<u>0005</u>
(D) Initial Shut-in Pressure	<u>1001</u>	<u>1013</u>	<u> </u>	<u>4677'</u>	<u>0639</u>
(E) Second Initial Flow Pressure	<u>14</u>	<u>25</u>	<u> </u>	<u> </u>	<u>0855</u>
(F) Second Final Flow Pressure	<u>14</u>	<u>29</u>	<u> </u>	<u> </u>	<u>1110</u>
(G) Final Shut-in Pressure	<u>1425</u>	<u>1443</u>	<u> </u>	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>
(Q) Final Hydrostatic Mud	<u>2250</u>	<u>2187</u>	<u> </u>	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>240</u>	Straddle <u> </u>
					Circ. Sub <u> </u>
					Sampler <u> </u>
					Extra Packer <u> </u>
					Elec. Rec. <input checked="" type="checkbox"/> <u>130</u>
					Mileage <u> </u>
					Other TIME <input checked="" type="checkbox"/> <u>4 @ 30 = 120</u>
					TOTAL PRICE \$ <input checked="" type="checkbox"/> <u>1220</u>

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Approved By Michael K. Maune

Our Representative