

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 5506  
Name: Woolsey Petroleum Corporation  
Address: 125 North Market, Suite 1000  
City/State/Zip: Wichita, Kansas 67202-1775  
Purchaser: Bluestem Gas Marketing  
Operator Contact Person: Debra Clingan  
Phone: (316) 267-4379 ext 106  
Contractor: Name: Duke Drilling Company, Inc.  
License: 5929  
Wellsite Geologist: Mikeal K. Maune

Designate Type of Completion:  
XX New Well  Re-Entry  Workover   
 Oil  SWD  SIOW  Temp. Abd.  
XX Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
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. \_\_\_\_\_

12/27/99 01/07/00 02/02/00  
Spud Date or Recompletion Date Date Reached TD Recompletion Date

API No. 15 - 007-22612-0000  
County: Barber  
Apx SE NW SW SW Sec. 20 Twp. 34 S. R. 13  East  West  
807' FSL feet from S N (circle one) Line of Section  
540' FWL feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Meyer D Well #: 2  
Field Name: Aetna Gas Area  
Producing Formation: Toronto  
Elevation: Ground: 1715' Kelly Bushing: 1724'  
Total Depth: 4345' Plug Back Total Depth: 4268'  
Amount of Surface Pipe Set and Cemented at 310' 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 99H 12-11-00  
(Data must be collected from the Reserve Pit)  
Chloride content 7000 ppm Fluid volume 300 bbls  
Dewatering method used Haul free fluids, let dehydrate  
Location of fluid disposal if hauled offsite:  
Operator Name: Molz Oil  
Lease Name: Molz SWD License No.: 6006  
Quarter \_\_\_\_\_ Sec. 29 Twp. 32 S. R. 10  East  West  
County: Barber Docket No.: CD 11804

RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 22 2000  
CONSERVATION DIVISION  
WICHITA, KS

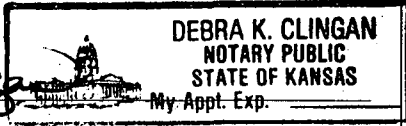
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: I. Wayne Woolsey  
Title: President Date: 06/22/00

Subscribed and sworn to before me this 22nd day of June, 2000

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

Operator Name: Woolsey Petroleum Corporation Lease Name: Meyer D Well #: 2  
 Sec. 20 Twp. 34 S. R. 13  East  West County: Barber

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final 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.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Compensated Neutron Density PE Dual Induction Micro Sonic Cement Bond	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Chase</td> <td>2153</td> <td>- 429</td> </tr> <tr> <td>Neva</td> <td>2856</td> <td>-1132</td> </tr> <tr> <td>Onaga</td> <td>3034</td> <td>-1310</td> </tr> <tr> <td>Stotler</td> <td>3264</td> <td>-1540</td> </tr> <tr> <td>Topeka</td> <td>3477</td> <td>-1753</td> </tr> <tr> <td>Kanawaka</td> <td>3830</td> <td>-2106</td> </tr> <tr> <td>Heebner</td> <td>4034</td> <td>-2310</td> </tr> <tr> <td>Snyderville</td> <td>4042</td> <td>-2318</td> </tr> <tr> <td>Toronto</td> <td>4058</td> <td>-2334</td> </tr> <tr> <td>Lansing A</td> <td>4214</td> <td>-2490</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Chase	2153	- 429	Neva	2856	-1132	Onaga	3034	-1310	Stotler	3264	-1540	Topeka	3477	-1753	Kanawaka	3830	-2106	Heebner	4034	-2310	Snyderville	4042	-2318	Toronto	4058	-2334	Lansing A	4214	-2490
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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	# Sacjs Used	Type and Percent Additives
Surface	14-3/4"	10-3/4"	32.75#/ft	310'	60/40 poz	240	2% gel, 3% cc
Production	7-7/8"	4-1/2"	10.5 #/ft	4324'	ASC	115	5#Kol-seal

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 SPF	4082-4092' Toronto	2700 gal 15% FE acid	same
		45,150 gal Ultravis gelled wtr, 21,000# 20/40 Ottawa sd, 32,000#	same
		12/20 Brady sd & numerous additives	

<b>TUBING RECORD</b>		Size <u>2-3/8"</u>	Set At <u>4238'</u>	Packer At <u>none</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>02/17/00</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>-0-</u>	Gas Mcf <u>181</u>	Water Bbls. <u>12</u>	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled 4082-92' Toronto  
*(If vented, Sumit ACO-18.)*  Other (Specify)

# ORIGINAL ALLIED CEMENTING CO., INC. 2136

Federal Tax I.D.# 48-0727860

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

**RECEIVED**  
JAN 06 2000 SERVICE POINT:  
*Medicine Lodge*

DATE <i>12-22-99</i>	SEC. <i>20</i>	TWP. <i>34S</i>	RANGE <i>13W</i>	CALLED OUT <i>9:30 pm</i>	ON LOCATION <i>11:00 pm</i>	JOB START <i>4:30 am</i>	JOB FINISH <i>4:50 am</i>
LEASE <i>Meid</i>		WELL # <i>1</i>		LOCATION <i>hrd DNER bw 3 1/2 N to wire</i>		COUNTY <i>Barber</i>	STATE <i>Ks.</i>
OLD OR NEW (Circle one)				<i>8 E 1/4 S, to loc.</i>			

CONTRACTOR *Duke #4*

TYPE OF JOB *Surface*

HOLE SIZE *14 3/4* T.D.

CASING SIZE *10 7/8 x 32* DEPTH *310'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *250* MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15 feet*

PERFS.

DISPLACEMENT *29 3/4 Bbls freshwater.*

OWNER *Woolsey Petroleum*

CEMENT AMOUNT ORDERED *240 sx 60:40:2+3*

COMMON A	<i>144</i>	@	<i>6.35</i>	<i>914.40</i>
POZMIX	<i>96</i>	@	<i>3.25</i>	<i>312.00</i>
GEL	<i>4</i>	@	<i>9.50</i>	<i>38.00</i>
CHLORIDE	<i>8</i>	@	<i>28.00</i>	<i>224.00</i>
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>240</i>	@	<i>1.05</i>	<i>252.00</i>
MILEAGE	<i>240 x 35</i>		<i>.04</i>	<i>336.00</i>

**EQUIPMENT**

PUMP TRUCK # <i>352</i>	CEMENTER <i>Carl Balding</i>
BULK TRUCK # <i>242</i>	HELPER <i>Steve Winsor</i>
BULK TRUCK #	DRIVER <i>David west</i>
BULK TRUCK #	DRIVER

TOTAL *\$2076.40*

**REMARKS:**

*Pipe on bottom. Break circulation.*

*Plumb 3 Bbls freshwater.*

*+ 240 sx 60:40:2+3.*

*Release plug.*

*Displace with 29 3/4 Bbls freshwater*

*Circulate Cement 30 sx*

**SERVICE**

DEPTH OF JOB	<i>310'</i>		
PUMP TRUCK CHARGE	<i>0-300'</i>		<i>470.00</i>
EXTRA FOOTAGE	<i>10'</i>	@	<i>.43 4.30</i>
MILEAGE	<i>35</i>	@	<i>2.85 99.75</i>
PLUG	<i>wooden 10 3/4"</i>	@	<i>35.00 55.00</i>
		@	
		@	

TOTAL *\$629.05*

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

CHARGE TO: *Woolsey Petroleum*

STREET *P.O. Box 168*

CITY *Med. Lodge* STATE *KANSAS* ZIP *67104*

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 *2705.45*

DISCOUNT *541.09* IF PAID IN 30 DAYS

NET *\$2164.36*

PRINTED NAME

SIGNATURE *Gale D. Runk*

**RECEIVED**  
KANSAS CORPORATION COMMISSION

JUN 22 2000

CONSERVATION DIVISION  
WICHITA, KS

JAN 11 2000

ORIGINAL

ALLIED CEMENTING CO., INC.

2143

Federal Tax I.D.# 48-0727860

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

RECEIVED JAN 17 2000 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, TYPE OF JOB, HOLE SIZE, CASING SIZE, TUBING SIZE, DRILL PIPE, TOOL, PRES. MAX, MEAS. LINE, CEMENT LEFT IN CSG., PERFS., DISPLACEMENT, OWNER, CEMENT, AMOUNT ORDERED, COMMON A, POZMIX, GEL, CHLORIDE.

Table with columns: EQUIPMENT, PUMP TRUCK, BULK TRUCK, MILEAGE, TOTAL.

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

CHARGE TO: Woolsey Petroleum, STREET P.O. Box 168, CITY Med. Lodge STATE KS, ZIP 67104

Table with columns: F-AFU Float Shoe, L-Latch Down plug, 4-Centralizers, 8-Scratchers.

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.

SIGNATURE: Allen F. Dick, PRINTED NAME: Allen F. Dick, TAX, TOTAL CHARGE \$4166.55, DISCOUNT \$333.31, IF PAID IN 30 DAYS \$333.24

RECEIVED KANSAS CORPORATION COMMISSION JUN 22 2000 CONSERVATION DIVISION WICHITA KS

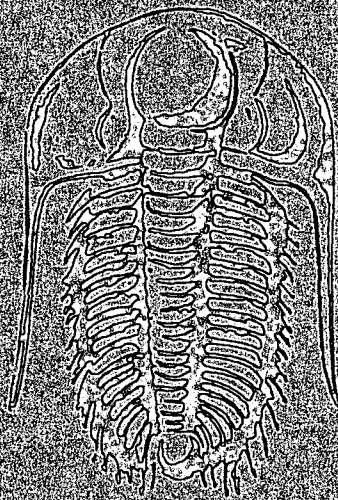
ORIGINAL

RECEIVED  
KANSAS CORPORATION COMMISSION

Well Name: Meyer D#2  
Company: Woolsey Petroleum Corp.  
Location: 20-34s-13w  
Barber co Kansas  
Date: 1-11-00

JUN 22 2000

CONSERVATION DIVISION  
WICHITA, KS



TRILOBITE  
TESTING, L.L.C.

TEST REPORT

(Includes All DST's)



TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Woolsey Petroleum Corp.  
 WELL NAME: Meyer D#2  
 LOCATION : 20-34s-13w Barber co KS  
 INTERVAL : 4046.00 To 4106.00 ft

DATE 01-06-200  
 KB 1724.00 ft TICKET NO: 12104 DST #1  
 GR 1715.00 ft FORMATION: Toronto  
 TD 4106.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 0852 to 0922 hr
SI 60	Range (Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0922 to 1022 hr
SF 60	Clock (hrs)	12 hr	12 hr	elec.			SF Fr. 1022 to 1122 hr
FS 240	Depth (ft)	4103.0	4103.0	4056.0	0.0	0.0	FS Fr. 1122 to 1522 hr

	Field	1	2	3	4	
A. Init Hydro	2007.0	2018.0	2038.0	0.0	0.0	T STARTED 0624 hr
B. First Flow	139.0	162.0	127.0	0.0	0.0	T ON BOTM 0845 hr
B1. Final Flow	139.0	128.0	139.0	0.0	0.0	T OPEN 0852 hr
C. In Shut-in	1519.0	1510.0	1524.0	0.0	0.0	T PULLED 1522 hr
D. Init Flow	46.0	44.0	35.0	0.0	0.0	T OUT 1720 hr
E. Final Flow	46.0	36.0	31.0	0.0	0.0	
F. Fl Shut-in	1519.0	1508.0	1517.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1984.0	1979.0	1919.0	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 60000.00 lbs
						Initial Str Wt 53000.00 lbs
						Unseated Str Wt 53000.00 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 4022.00 ft

RECOVERY

Tot Fluid 57.00 ft of 0.00 ft in DC and 57.00 ft in DP  
 0.00 ft of Gas in all fluid free pipe.  
 57.00 ft of Drilling mud  
 0.00 ft of 100% mud  
 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-----8  
 SALINITY 7000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	50.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	2.00 ft
Btm. H. Temp.	112.00 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 0 #/bl

BLOW DESCRIPTION

Initial Flow:  
 Strong blow. Bottom of bucket in 4 minutes.  
 Initial Shut-In:  
 No blow.  
 Final Flow:  
 Strong blow. Gas to surface in 4 minutes. (see gas volume report)  
 Final Shut-In:  
 No blow.

SAMPLES: Gas sample  
 SENT TO: Caraway/Liberal

Test Successful: Y

GAS RECOVERY

COMPANY: Woolsey Petroleum Corp.

DATE: 01-06-200

WELL NAME: Meyer D#2

KB Elev: 1724.00 ft TICKET #12104 DST #1

WELL LOCATION: 20-34s-13w Barber co KS

GR Elev: 1715.00 ft FORMATION: Toronto

INTERVAL Fr.: 4046.00 To 4106.00 T.D.: 4106.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.25	2	0	24400.0
15	0.25	1	0	22900.0
20	0.25	1	0	22900.0
25	0.25	1	0	22900.0
30	0.25	1	0	22900.0
35	0.25	1	0	22900.0
40	0.25	1	0	22900.0
45	0.25	1	0	22900.0
50	0.25	1	0	22900.0
55	0.25	1	0	22900.0
60	0.25	1	0	22900.0

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Meyer D#2

LOCATION : 20-34s-13w Barber co KS

TICKET No. 12104 D.S.T. No. 1 DATE 01-06-200

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 28

TOTAL TOOL ..... 55

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 32

TOTAL ASSEMBLY ..... 87

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands64 Single 1 Total 4022

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4109

TOTAL DEPTH ..... 4106

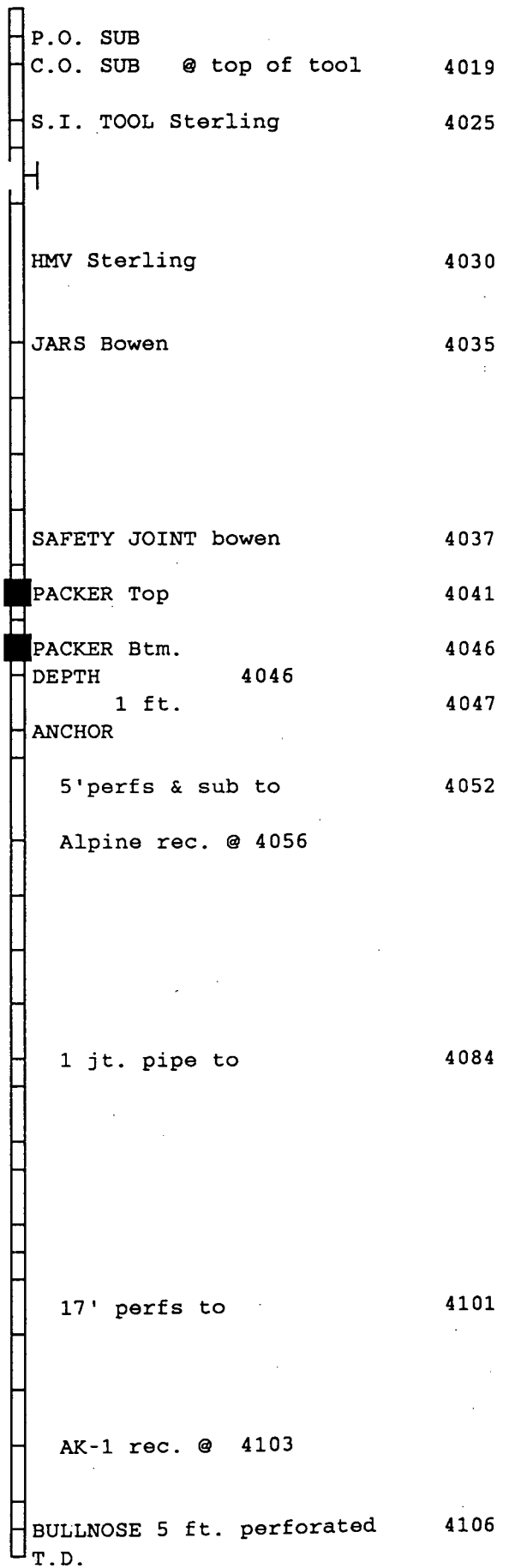
TOTAL DRILL PIPE ABOVE K.B. .... 3

REMARKS:

Comments:Fax reports to Woolsey Petl.Corp.  
Charts show some plugging during first open.

FLUID SAMPLER DATA (not run)

GAS----- cubic ft  
OIL----- ML.  
MUD----- ML.  
WATER----- ML.  
OTHER-----  
PRESSURE----- PSI  
Rw ----- ohms @ deg. F.  
CHLORIDES----- ppm.  
GRAVITY----- deg.API





# TEST HISTORY

12104 DST#1 MEYER D#2 WOOLSEY PETROLEUM CORP.

Flag Points  
t(Min.) P( PSig)

A:	0.00	2038.43
B:	0.00	126.72
C:	29.50	139.48
D:	59.50	1523.79
E:	0.00	35.33
F:	59.00	31.46
G:	245.00	1517.50
Q:	0.00	1919.08

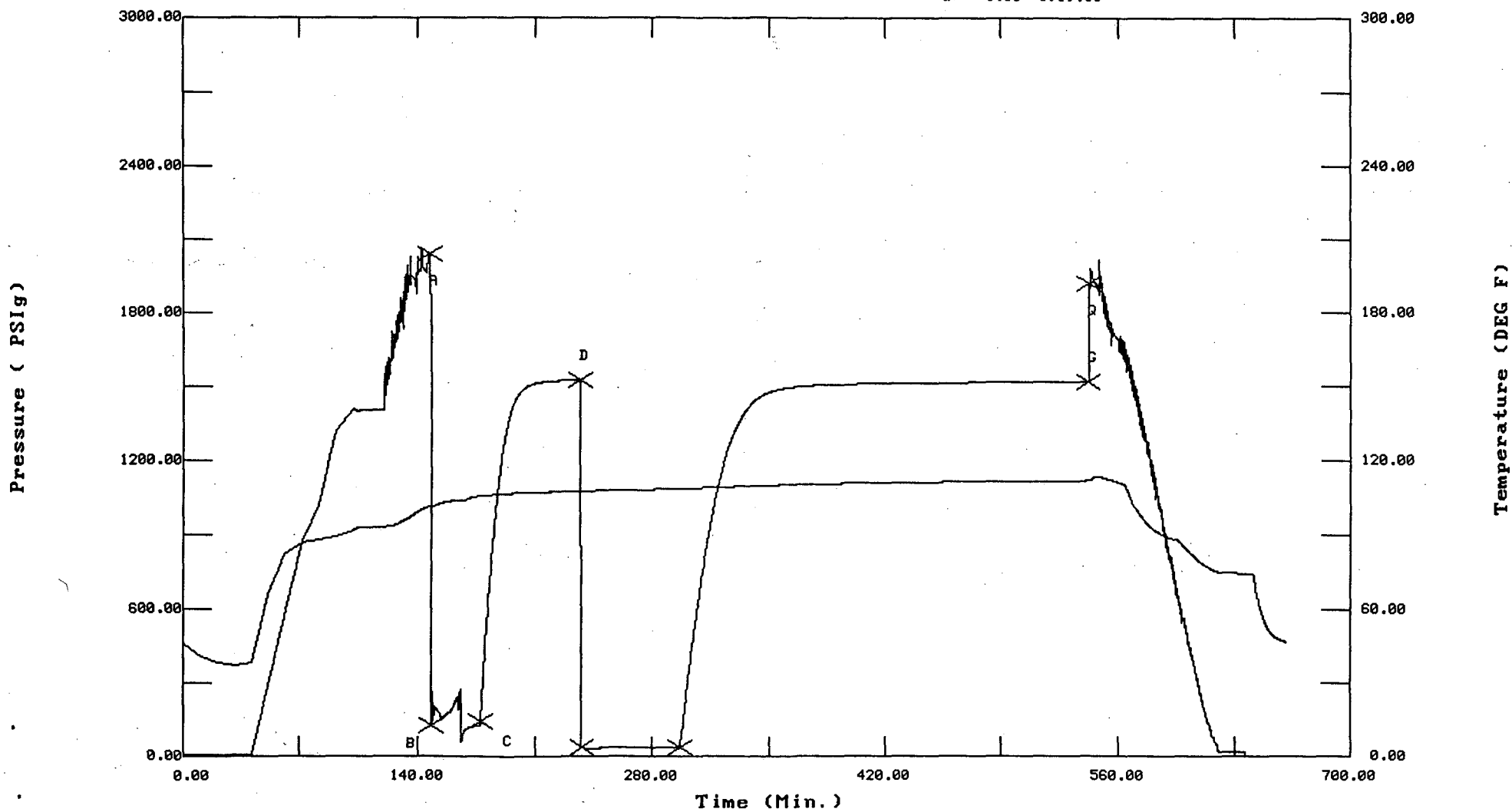
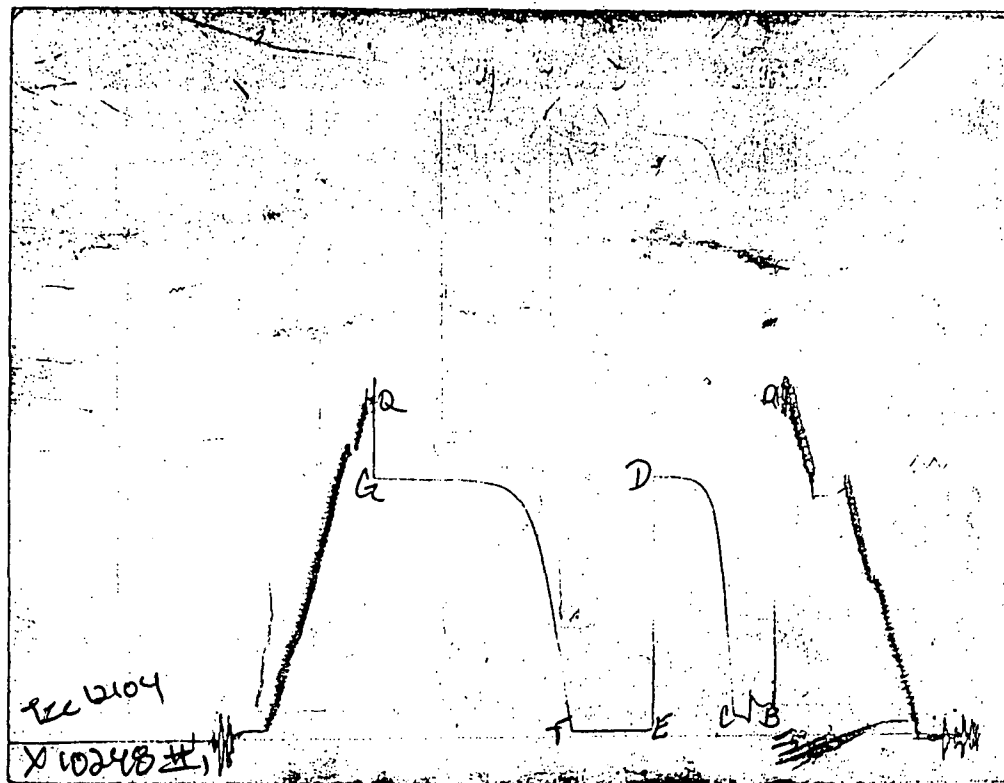
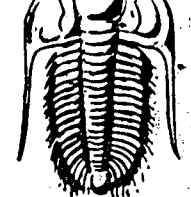


CHART PAGE



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



# MILODITE TESTING L.L.C.

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

## GAS VOLUME REPORT

Woolsey Petr. Corp  
OPERATOR

Meyer D#2  
WELL NAME AND NO.

1  
DST NO.

INITIAL OPEN

FINAL OPEN

Min.	Ins. of Water PSIG	Orifice Size	MCF/D	Min.	Ins. of Water PSIG	Orifice Size	MCF/D
			No GTS	4	~	1/2"	GTS
				10	2 PSI	1/4"	24.4
				15	1 PSI	1/4"	22.9
				20	1 PSI	1/4"	22.9
				25	1 PSI	1/4"	22.9
				30	1 PSI	1/4"	22.9
				35	1 PSI	1/4"	22.9
				40	1 PSI	1/4"	22.9
				45	1 PSI	1/4"	22.9
				50	1 PSI	1/4"	22.9
				55	1 PSI	1/4"	22.9
				60	1 PSI	1/4"	22.9

Remarks:

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 12104

## Test Ticket

Well Name & No. Mayer D#2 Test No. 1 Date 1-6-2000  
 Company Woolsey Pet. Corp. Zone Tested Toronto  
 Address 125 N. Market, Ste. 1000, Wichita Ks. 67202 Elevation 1724 KB 1715 GL  
 Co. Rep / Geo. Mike Maune Cont. Duke Drlg. #4 Est. Ft. of Pay 8' Por.     %  
 Location: Sec. 20 Twp. 34S Rge. 13W Co. Barber State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)     Evaluation (Y, N)    

Interval Tested 4046 - 4106' Initial Str Wt/Lbs. 53,000 Unseated Str Wt/Lbs. 53,000  
 Anchor Length 60' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 60,000  
 Top Packer Depth 4041' Tool Weight 2,100<sup>lb</sup>  
 Bottom Packer Depth 4046' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 4106' Wt. Pipe Run None Drill Collar Run None  
 Mud Wt. 9.2 LCM ~ Vis. 50 WL 8.8cc. Drill Pipe Size 4 1/2" x 14' Ft. Run 4022'  
 Blow Description IF: Strong below. B.B.B. in 4 mins. ISI; No blow

FF: Strong below. G.T.S. in 4 mins. (see gas volume report)  
FSI: No blow. COMMENT: Charts show some plugging during ISI.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>57</u>	<u>yes</u>	<u>~</u>	<u>57</u>
Rec. <u>57</u> Feet Of <u>Drlg. Mud.</u>	%gas	%oil	%water 100% mud
Rec. <u>   </u> Feet Of <u>   </u>	%gas	%oil	%water %mud
Rec. <u>   </u> Feet Of <u>   </u>	%gas	%oil	%water %mud
Rec. <u>   </u> Feet Of <u>   </u>	%gas	%oil	%water %mud

BHT 112 °F Gravity N/A °API D@     °F Corrected Gravity N/A °API  
 RW N.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>2007</u>	<u>2038</u>	<u>also.</u>	<u>2342</u>	<u>0535</u>
(B) First Initial Flow Pressure	<u>139</u>	<u>127</u>	PSI	(depth) <u>4056'</u>	T-Started <u>0624</u>
(C) First Final Flow Pressure	<u>139</u>	<u>139</u>	PSI	Recorder No. <u>10248</u>	T-Open <u>0852</u>
(D) Initial Shut-In Pressure	<u>1519</u>	<u>1524</u>	PSI	(depth) <u>4103'</u>	T-Pulled <u>1522</u>
(E) Second Initial Flow Pressure	<u>46</u>	<u>35</u>	PSI	Recorder No. <u>   </u>	T-Out <u>1720</u>
(F) Second Final Flow Pressure	<u>46</u>	<u>31</u>	PSI	(depth) <u>   </u>	T-Off Location <u>1758</u>
(G) Final Shut-in Pressure	<u>1519</u>	<u>1517</u>	PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700<sup>°C</sup></u>
(Q) Final Hydrostatic Mud	<u>1984</u>	<u>1919</u>	PSI	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/> <u>200<sup>°C</sup></u>
				Final Flow <u>60</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
				Final Shut-in <u>240</u>	Straddle <u>   </u>

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Approved By Michael K. Maune  
 Our Representative Woolsey

Extra Packer      
 Elec. Rec.  150<sup>°C</sup>  
 Mileage      
 Other Time  90  
 TOTAL PRICE \$  1100<sup>°C</sup>