

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

1-30-09

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33168  
Name: WOOLSEY OPERATING COMPANY, LLC  
Address: 125 N. Market, Suite 1000  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: Bluestem Gas Marketing / Plains Marketing  
Operator Contact Person: Dean Pattisson, Operations Manager  
Phone: ( 316 ) 267-4379 ext 107  
Contractor: Name: Val Energy, Inc.  
License: 5822  
Wellsite Geologist: Curtis Covey

KCC

JAN 30 2007

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

<u>10/04/2006</u>	<u>10/16/2006</u>	<u>01/02/2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-23048 0000  
County: Barber  
90' E of NW NW Sec. 31 Twp. 33 S. R. 10  East  West  
660' FNL feet from S / (N) (circle one) Line of Section  
750' 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: JAHAY Well #: 1  
Field Name: Traffas South

Producing Formation: Mississippian  
Elevation: Ground: 1466 Kelly Bushing: 1476  
Total Depth: 5135 Plug Back Total Depth: 5021  
Amount of Surface Pipe Set and Cemented at 261 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cm.

Drilling Fluid Management Plan ATTN# 9-17-08  
(Data must be collected from the Reserve Pit)  
Chloride content 32,000 ppm Fluid volume 1000 bbls  
Dewatering method used Haul off free fluids and allow to dehydrate  
Location of fluid disposal if hauled offsite:  
Operator Name: n/a  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: D-

**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.

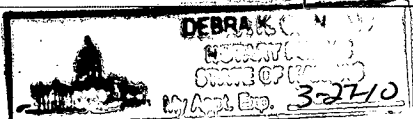
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: \_\_\_\_\_  
Title: Dean Pattisson, Operations Manager Date: 01/30/2007  
Subscribed and sworn to before me this 30<sup>th</sup> day of January,  
20 07.  
Notary Public: Debra K. Clingan  
Date Commission Expires: March 27, 2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**FEB 01 2007**



KCC WICHITA

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: JAHAY Well #: 1  
 Sec. 31 Twp. 33 S. R. 10  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 Array Induction Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Chase</td> <td>1799</td> <td>-323</td> </tr> <tr> <td>Indian Cave</td> <td>2660</td> <td>-1184</td> </tr> <tr> <td>Douglas</td> <td>3687</td> <td>-2211</td> </tr> <tr> <td>Base Kansas City</td> <td>4382</td> <td>-2906</td> </tr> <tr> <td>Mississippian</td> <td>4594</td> <td>-3118</td> </tr> <tr> <td>Mississippian Osage</td> <td>4758</td> <td>-3282</td> </tr> <tr> <td>Viola</td> <td>4932</td> <td>-3456</td> </tr> <tr> <td>Simpson</td> <td>5037</td> <td>-3561</td> </tr> </table>	Name	Top	Datum	Chase	1799	-323	Indian Cave	2660	-1184	Douglas	3687	-2211	Base Kansas City	4382	-2906	Mississippian	4594	-3118	Mississippian Osage	4758	-3282	Viola	4932	-3456	Simpson	5037	-3561
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Viola	4932	-3456																										
Simpson	5037	-3561																										

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	# Sacks Used	Type and Percent Additives
Surface	14 3/4"	10 3/4"	30# / ft	261'	Class A	220	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	5072	Class H	220	10% Gypseal, 10% Salt, 10% Calseal, 1/4# Floseal & .8% Friction Reducer

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	4594'-4610', 4624'-40', 4650'-70' & 4706'-26'	Acid: 3750 gal 10% MIRA	same
	Mississippian (4594-4726' OA)	Frac: 360,650 gals 2% KCL wtr, 135,100# 30/70, 24,000# 20/40 & 11,500# 16/30 resin-coated sand	same

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	4762	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <b>01/13/2007</b>			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	70	120 (load wtr)	3500:1	30

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval

# ALLIED CEMENTING CO., INC.

24035

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

SERVICE POINT:  
med. lodge, ks

DATE <u>10-5-06</u>	SEC. <u>31</u>	TWP. <u>33</u>	RANGE <u>10</u>	CALLED OUT <u>1:00A.m.</u>	ON LOCATION <u>3:00A.m.</u>	JOB START <u>5:00A.m.</u>	JOB FINISH <u>6:00A.m.</u>
LEASE <u>Tanay</u>		WELL # <u>1</u>	LOCATION <u>Hazleton RD + Gerland 2w-1n-1w</u>		COUNTY <u>Barber</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>VAI #3</u>	OWNER <u>Woolsey Petroleum</u>
TYPE OF JOB <u>Surface Csg.</u>	CEMENT
HOLE SIZE <u>14 3/4</u>	T.D. <u>265</u>
CASING SIZE <u>10 3/4</u>	DEPTH <u>248</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>200</u>	MINIMUM <u>100</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15' By Request</u>	
PERFS.	
DISPLACEMENT <u>Bbls. Fresh water</u>	

COMMON	<u>220 A</u>	@	<u>10.65</u>	<u>2343.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>8</u>	@	<u>46.60</u>	<u>372.80</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>232</u>	@	<u>1.90</u>	<u>440.80</u>
MILEAGE	<u>20 x 232 x .09</u>			<u>417.60</u>
				TOTAL <u>3640.80</u>

**KCC**  
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EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling  
# 414-302 HELPER Dennis C.

BULK TRUCK  
# 363 DRIVER Rick m.

BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
Pipe on Bottom - Break Circ.  
mix + Pump 220sx CLASS A  
3%cc + 2% Gel. Displace 2374 Bbls  
Fresh water. Shott In.  
Cement Circ to Surface

CHARGE TO: Woolsey Petroleum

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

SERVICE

DEPTH OF JOB	<u>248'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@	<u>6.00</u> <u>120.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>935.00</u>			

**RECEIVED**  
FEB 01 2007  
PLUG & FLOAT EQUIPMENT

**KCC WICHITA**

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE 3640.80

DISCOUNT 3640.80 IF PAID IN 30 DAYS

SIGNATURE x Leo Roberts

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 24880

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
MEDICINE LODGE

DATE <u>10-17-06</u>	SEC. <u>31</u>	TWP. <u>33s</u>	RANGE <u>10W</u>	CALLED OUT <u>12:00 pm</u>	ON LOCATION <u>1:30 pm</u>	JOB START <u>5:20 pm</u>	JOB FINISH <u>7:25 pm</u>
LEASE <u>JAHAY</u>	WELL# <u>1</u>	LOCATION <u>HAZELTON RD &amp; GERRARD RD,</u>			COUNTY <u>BARBER</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>2W, 1N, 1W</u>				

CONTRACTOR VAL #3  
 TYPE OF JOB PRODUCTION CASING  
 HOLE SIZE 7 7/8" T.D. 5,135'  
 CASING SIZE 4 1/2" DEPTH 5,074'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2" DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1,600 MINIMUM 100  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 43.03'  
 CEMENT LEFT IN CSG. 43.03'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 81 bbl 2% KCL WATER

OWNER WOOLSEY OPERATING  
 CEMENT  
 AMOUNT ORDERED 245 SK CLASS H+10% GYP-SEAL+10% SALT+6" KOL-SEAL/SACK+18% FL-160+1/4" FLO-SEAL/SACK, 500 GAL. ASF, 8 BK. CLAYO  
 COMMON 245 H @ 12.75 3123.75  
 POZMIX @ \_\_\_\_\_  
 GEL @ \_\_\_\_\_  
 CHLORIDE @ \_\_\_\_\_  
 ASC @ \_\_\_\_\_  
Gyp seal 23 @ 23.35 537.05  
Salt 26 @ 9.60 249.60  
Kol Seal 1470 @ .70 1029.00  
FL-160 184 @ 10.65 1959.60  
FLO Seal 61 @ 2.00 122.00  
ASF 500 gal @ 1.00 500.00  
Clay 8 gal @ 25.00 200.00  
 HANDLING 330 @ 1.90 627.00  
 MILEAGE 20 x 330 x .09 594.00  
 TOTAL 8942.00

**EQUIPMENT**

PUMP TRUCK CEMENTER BILL M.  
 # 360 HELPER DWAYNE W.  
 BULK TRUCK  
 # 353 DRIVER CLINT W.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

PIPE ON BOTTOM, BREAK CIRCULATION, PUMP PRE-FLUSH, PUMP 245 SK CLASS H+10% GYP-SEAL+10% SALT+6" KOL-SEAL+18% FL-160+1/4" FLO-SEAL/SACK, AFTER PULLING LATCH AND HOLES WITH 25 SK, STOP PUMPS, WASH PUMP & LINES, RELEASE PVLG, START DISPLACEMENT, SEE LIFT, SLOW RATE, PUMP PVLG, FLOAT HOLD, DISPLACE WITH 81 BBL 2% KCL WATER.

**SERVICE**

DEPTH OF JOB 5,074'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1840.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 20 @ 6.00 120.00  
 MANIFOLD HEAD RENT @ 100.00 100.00  
 RECEIVED \_\_\_\_\_  
 @ \_\_\_\_\_

CHARGE TO: WOOLSEY OPERATING  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FEB 01 2007**  
 TOTAL 2060.00

KCC WICHITA

**PLUG & FLOAT EQUIPMENT**

4 1/2" AFU FLOAT SINE 1 @ 200.00 200.00  
4 1/2" LATCH DOWN PLUG 1 @ 325.00 325.00  
4 1/2" TANGOLIZER 18 @ 55.00 990.00  
4 1/2" REC. SCRATCHBOX 31 @ 35.00 1085.00  
 @ \_\_\_\_\_

ANY APPLICABLE TAX  
**WILL BE CHARGED UPON INVOICING** TOTAL 2600.00

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 Robert Moorhead

BOB MOORHEAD  
 PRINTED NAME

KCC  
 JAN 30 2007  
 CONFIDENTIAL

1-30-07



**WOOLSEY OPERATING COMPANY, LLC**

125 NORTH MARKET, SUITE 1000, WICHITA, KANSAS 67202-1775 (316) 267-4379

FAX (316) 267-4383

January 30, 2007

KCC  
JAN 30 2007  
CONFIDENTIAL

Kansas Corporation Commission  
130 S Market  
Rm 2078  
Wichita KS 67202

**Tight Hole Status Requested**

RE: Jahay 1  
Section 31-T33S-R10W  
Barber County, Kansas  
API# 15-007-23048 0000

Enclosed please find our ACO-1 Well History form completed, in triplicate, for the above referenced well. Copies of the cement tickets, drill stem test reports, geologist's report and logs are attached to the original. Logs include: Neutron Density, Dual Induction, Sonic and Cement Bond log.

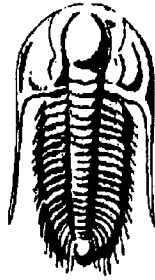
This letter is to request this information be kept confidential for two years. Should you require any additional information, please let us know.

Yours very truly,

Debra K. Clingan  
Production Assistant

/dkc  
Enclosures

RECEIVED  
FEB 01 2007  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Woolsey Operating Co LLC**

125 N Market Ste1000  
Wichita KS67202

ATTN: Curtis Covey

**31 33 10W Barber KS**

**Jahay#1**

Start Date: 2006.10.14 @ 00:19:34

End Date: 2006.10.14 @ 09:37:04

Job Ticket #: 25478                      DST #: 1

**CONFIDENTIAL**

1-30-09

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KANSAS CORPORATION COMMISSION

**SEP 10 2008**

CONSERVATION DIVISION  
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Woolsey Operating Co LLC

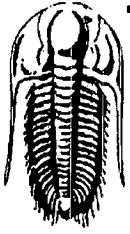
Jahay#1

31 33 10W Barber KS

DST # 1

Miss.

2006.10.14



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Woolsey Operating Co LLC

**Jahay#1**

125 N Market Ste1000  
Wichita KS67202

**31 33 10W Barber KS**

Job Ticket: 25478

**DST#: 1**

ATTN: Curtis Covey

Test Start: 2006.10.14 @ 00:19:34

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 03:05:19

Time Test Ended: 09:37:04

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: **4530.00 ft (KB) To 4614.00 ft (KB) (TVD)**

Total Depth: **4614.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1476.00 ft (KB)**

**1466.00 ft (CF)**

KB to GR/CF: **10.00 ft**

**Serial #: 6771**

**Inside**

Press@RunDepth: **27.87 psig @ 4531.00 ft (KB)**

Start Date: **2006.10.14**

Start Time: **00:19:39**

End Date: **2006.10.14**

End Time: **09:37:04**

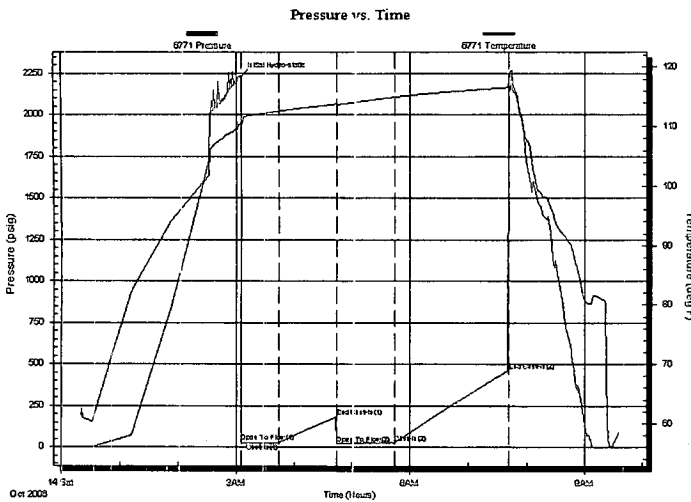
Capacity: **7000.00 psig**

Last Calib.: **2006.10.14**

Time On Btm: **2006.10.14 @ 03:04:19**

Time Off Btm:

TEST COMMENT: IF Strong blow BOB in 13 1/2 mins.  
ISI No blow  
FF Fair to strong blow BOB in 19 mins.  
FSI No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2231.25	110.42	Initial Hydro-static
1	29.76	110.18	Open To Flow (1)
40	26.82	112.57	Shut-In(1)
100	182.66	113.76	End Shut-In(1)
101	18.68	113.71	Open To Flow (2)
160	27.87	114.95	Shut-In(2)
277	463.43	116.57	End Shut-In(2)

## Recovery

Length (ft)	Description	Volume (bbl)
35.00	SGCM 3%G 97%M	0.17
0.00	630 ft. of GP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Woolsey Operating Co LLC

**Jahay#1**

125 N Market Ste1000  
Wichita KS67202

**31 33 10W Barber KS**

Job Ticket: 25478

**DST#: 1**

ATTN: Curtis Covey

Test Start: 2006.10.14 @ 00:19:34

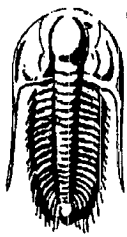
**Tool Information**

Drill Pipe:	Length: 4391.00 ft	Diameter: 3.80 inches	Volume: 61.59 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 72000.00 lb
		<u>Total Volume:</u>	<u>62.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4530.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	111.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4504.00	
Shut In Tool	5.00			4509.00	
Hydraulic tool	5.00			4514.00	
Jars	5.00			4519.00	
Safety Joint	2.00			4521.00	
Packer	4.00			4525.00	27.00 Bottom Of Top Packer
Packer	5.00			4530.00	
Stubb	1.00			4531.00	
Recorder	0.00	6771	Inside	4531.00	
Perforations	5.00			4536.00	
Change Over Sub	1.00			4537.00	
Blank Spacing	63.00			4600.00	
Change Over Sub	1.00			4601.00	
Perforations	8.00			4609.00	
Recorder	0.00	13789	Outside	4609.00	
Bullnose	5.00			4614.00	84.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>111.00</b>				





**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Woolsey Operating Co LLC

**Jahay#1**

125 N Market Ste1000  
Wichita KS67202

**31 33 10W Barber KS**

Job Ticket: 25478

**DST#: 1**

ATTN: Curtis Covey

Test Start: 2006.10.14 @ 00:19:34

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	9000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	SGCM 3%G 97%M	0.172
0.00	630 ft. of GIP	0.000

Total Length: 35.00 ft      Total Volume: 0.172 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: LCM 4#/bbl

