

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

7/1/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168

Name: WOOLSEY OPERATING COMPANY, LLC

Address 1: 125 N. Market

Address 2: Suite 1000

City: Wichita State: KS Zip: 67202 +

Contact Person: Dean Pattison RECEIVED

Phone: (316) 267-4379 (ext. 107) KANSAS CORPORATION COMMISSION

CONTRACTOR: License # 33793 JUL 01 2010

Name: H2 DRILLING

Wellsite Geologist: CURTIS COVEY CONSERVATION DIVISION
WICHITA, KS

Purchaser: PLAINS MARKETING / BLUESTEM GAS MARKETING

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- Dry Other _____
(Corr, 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. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

03/03/10 03/12/10 04/14/10

Spud Date or Re-completion Date Date Reached TD Completion Date or Re-completion Date

API No. 15 - 007-23515-0000

Spot Description: _____

NW SE SW NE Sec. 24 Twp. 34 S. R. 12 East West

2000 Feet from North / South Line of Section

1820 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: BARBER

Lease Name: WENZEL Well #: 3

Field Name: STRANATHAN

Producing Formation: MISSISSIPPIAN

Elevation: Ground: 1446 Kelly Bushing: 1457

Total Depth: 5352 Plug Back Total Depth: 5118

Amount of Surface Pipe Set and Cemented at: 215 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 cnt.

Drilling Fluid Management Plan AH IN 7-12-10
(Data must be collected from the Reserve Pit)

Chloride content: 27,000 ppm Fluid volume: 1800 bbls

Dewatering method used: Haul free fluids and allow to dry

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.: _____

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 Pattison Date: June 30, 2010
Exploration and Production Manager

Subscribed and sworn to before me this 30th day of June

20 10

Notary Public: Debra K. Clingan

Date Commission Expires: March 27, 2014

KCC Office Use ONLY

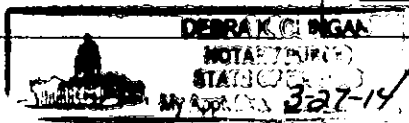
Letter of Confidentiality Received 7/1/10 - 7/1/12

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution



Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: WENZEL Well #: 3
 Sec. 24 Twp. 34 S. R. 12 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 checked="" type="checkbox"/> Yes <input 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: Neutron Density Dual Induction 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>1895</td> <td>- 438</td> </tr> <tr> <td>Douglas</td> <td>3811</td> <td>- 2354</td> </tr> <tr> <td>Hertha</td> <td>4501</td> <td>- 3044</td> </tr> <tr> <td>Mississippian</td> <td>4691</td> <td>- 3234</td> </tr> <tr> <td>Viola</td> <td>5058</td> <td>- 3601</td> </tr> <tr> <td>Simpson</td> <td>4179</td> <td>- 3722</td> </tr> <tr> <td>Arbuckle</td> <td>DNP</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Chase	1895	- 438	Douglas	3811	- 2354	Hertha	4501	- 3044	Mississippian	4691	- 3234	Viola	5058	- 3601	Simpson	4179	- 3722	Arbuckle	DNP	
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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	# Sacks Used	Type and Percent Additives
Surface	14 3/4"	10 3/4"	32# / ft	215	Class A	225	2% gel, 3% cc
Production	7 7/8"	4 1/2"	10.5# / ft	5155	60/40 poz	50	4% gel, 1/4# Floseal
					Class H	175	10% salt, 10% Gypseal, 6# Kalseal, 1/4# Celoflake & .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 (Amount and Kind of Material Used)	Depth
4	Perf Miss zone 4702'-4720' & 4691'-4698'	ACID: 3350 GAL MIRA	4702' -
2	Perf Miss zone 4726'-4764'	FRAC: 459,800 gal treated 2% KCl wtr, 168,600# 30/70 sd, 30,000# 16/30 sd & 18,000# 16/30 resin coated sd	4764' OA

TUBING RECORD: Size: 2 3/8" Set At: 4844' Packer At: n/a Liner Run: Yes No

Date of First, Resumed Production, SWD or Enhr. 04/22/2010
 Producing Method: Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours: Oil 3 Bbls. Gas 125 Mcf Water 100 Bbls. Gas-Oil Ratio 41,667 : 1 Gravity 24

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4702' - 4764' OA</u>
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ALLIED CEMENTING CO., LLC. 042028

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

SERVICE POINT: Medicine Lodge Ks.

KCC
JUL 07 2010
CONFIDENTIAL

DATE <u>3-3-2010</u>	SEC.	TWP.	RANGE	CALLED OUT <u>9:30 AM</u>	ON LOCATION <u>10:00 AM</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:00 PM</u>
LEASE <u>WUZZEL</u>	WELL # <u>3</u>		LOCATION <u>1/4 14 south gn</u>	COUNTY <u>Barber</u>		STATE <u>KS.</u>	
OLD OR NEW (Circle one)			<u>281</u>	<u>1/2 West Ninto</u>			

CONTRACTOR H 2

TYPE OF JOB Surface

HOLE SIZE 14 3/4" T.D.

CASING SIZE 10 3/4" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 250 MINIMUM —

MEAS. LINE SHOE JOINT 2

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 19 1/2 Bbls Freshwater

EQUIPMENT

OWNER Woolsey Operating

CEMENT

AMOUNT ORDERED

225 5x Class A + 3 1/2" + 2 1/2" gel

PUMP TRUCK CEMENTER Carl Balding

B60-265 HELPER Tom Becker

BULK TRUCK

#364 DRIVER Tom Becker

BULK TRUCK

DRIVER

COMMON	<u>225 A</u>	@	<u>15.45</u>	<u>3476.25</u>
POZMIX		@		
GEL	<u>4 5x</u>	@	<u>20.20</u>	<u>83.20</u>
CHLORIDE	<u>8 5x</u>	@	<u>58.20</u>	<u>465.60</u>
ASC		@		

WELL FILE

- Regulatory Correspondence
- Daily Comp Workovers
- Tests / Meters Operations

HANDLING	<u>225</u>	@	<u>2.40</u>	<u>340.00</u>
MILEAGE	<u>225/15/.10</u>			<u>337.50</u>
			TOTAL	<u>4902.25</u>

REMARKS:

Run 198' 10 3/4 casing +
17 2 1/8 landing joint
break circulation w/ Rig
Mix + pump 225 5x Class A + 3 1/2"
+ 2 1/2" gel Displace with 19 1/2 Bbls
freshwater, leave 20 cement in
line + shut in. Cement did circulate

SERVICE

DEPTH OF JOB	<u>215</u>			
PUMP TRUCK CHARGE			<u>1018.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
		@		
			TOTAL	<u>1123.00</u>

CHARGE TO: Woolsey Operating

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 01 2010

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

CONSERVATION DIVISION **Allied Cementing Co., LLC.**
WICHITA, KS

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME MIKE THARP

SIGNATURE [Signature]

ALLIED CEMENTING CO., LLC. 041431

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

SERVICE POINT:
Medicine Lodge, KS

KCC
ALL. 07 3000
CONFIDENTIAL

DATE <u>3-13-2010</u>	SEC. <u>24</u>	TWP. <u>34S</u>	RANGE <u>12W</u>	CALLED OUT <u>2:00 pm</u>	ON LOCATION <u>4:00pm</u>	JOB START <u>7:30pm</u>	JOB FINISH <u>8:30pm</u>
LEASE <u>Wenzel</u>		WELL # <u>3</u>	LOCATION <u>Medicine Lodge, KS 145000</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>1/2 West, none into</u>				

CONTRACTOR H2
 TYPE OF JOB Production
 HOLE SIZE 7 7/8 T.D. 5353'
 CASING SIZE 4 1/2 DEPTH 5167'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 26
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 84 bbls of freshwater

OWNER Woolsey Operating
 CEMENT
 AMOUNT ORDERED 853x 60' 40' 4 9/16"
1/4 # F105001, 175x Class H + 10% F1160
+ 10% Gyp 25001 + 6 # Kalsesi + 8% F1160
1/4 # F105001
 COMMON 515x @ 15.45 787.95
 POZMIX 345x @ 8.00 272.00
 GEL 35x @ 20.80 62.40
 CHLORIDE @ _____
 ASC @ _____
 Flossal 44# @ 2.50 110.00
 Class "H" 1753x @ 16.75 2,931.25
 Gyp Seal 175x @ 29.20 496.40
 Salt 193x @ 12.00 228.00
 Kalsesi 1050# @ 1.89 934.50
 Filter 132# @ 13.30 1,755.60
 Capro 100gal @ 31.25 312.50
 Regulatory Correspondence @ _____
 3rd / Comp _____
 Tests / Meters _____
 HANDLING 2605x @ 2.40 624.00
 MILEAGE 2605x 15x .10 = 390.00

EQUIPMENT
 PUMP TRUCK CEMENTER Devin F
#360-265 HELPER Scott P
 BULK TRUCK
#353-250 DRIVER Brian **WELL FIELD**
 BULK TRUCK
_____ DRIVER _____

REMARKS:

Pipe on bottom & break circulation
mix 85% for rest & more holes, mix 50%
of scraper cement mix 175x of test
Cement 50% for wash pump & line, Release
plug, 50% displacement, Life Pressure 92
53 bbls, slow rate to 3 bpm at 77
bbls, high plus of 84 bbls 800-1800PSI,
Flossal 44# hold!

TOTAL 8,904.160
 SERVICE
 DEPTH OF JOB 5167'
 PUMP TRUCK CHARGE _____ 2185.00
 EXTRA FOOTAGE @ _____
 MILEAGE 15 @ 7.00 105.00
 MANIFOLD @ _____
Hose & rentals @ _____
 TOTAL 2,290.00

CHARGE TO: Woolsey Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
4 1/2
 1-AFU Floss & Shoe @ 205.00
 1-Latch down pins @ 145.00
 11-Turbolizers @ 37.80 415.80
 24-Scratchers @ 55.65 1,335.60
 TOTAL 1,701.40

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KANSAS CORPORATION COMMISSION

JUL 01 2010

CONSERVATION DIVISION
WICHITA, KS

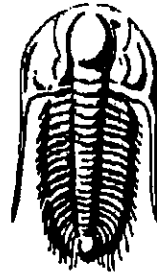
To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS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

PRINTED NAME X MIKE THOMP

SIGNATURE X Mike Thompson

Thank You!!!

SALES TAX (If Any) _____
 TOTAL CHARGES 1,701.40
 DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

KCC
JUL 07 2010
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC**

125 N Market Ste. 1000 Wichita KS 67202-1729

ATTN: Curtis Covey

24-34s-12w Barber KS

Wenzel #3

Start Date: 2010.03.09 @ 04:45:00

End Date: 2010.03.09 @ 15:38:00

Job Ticket #: 37598 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 01 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Woolsey Operating Co.LLC

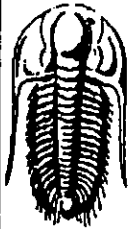
Wenzel #3

24-34s-12w Barber KS

DST # 1

Miss.

2010.03.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

ATTN: Curtis Covey

Job Ticket: 37598

DST#: 1

Test Start: 2010.03.09 @ 04:45:00

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:40:10

Time Test Ended: 15:38:00

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Interval: 4664.00 ft (KB) To 4720.00 ft (KB) (TVD)

Total Depth: 4720.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1458.00 ft (KB)

1446.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6773

Inside

Press@RunDepth: 22.85 psig @ 4666.00 ft (KB)

Start Date: 2010.03.09

End Date:

2010.03.09

Start Time: 04:45:05

End Time:

15:38:00

Capacity: 8000.00 psig

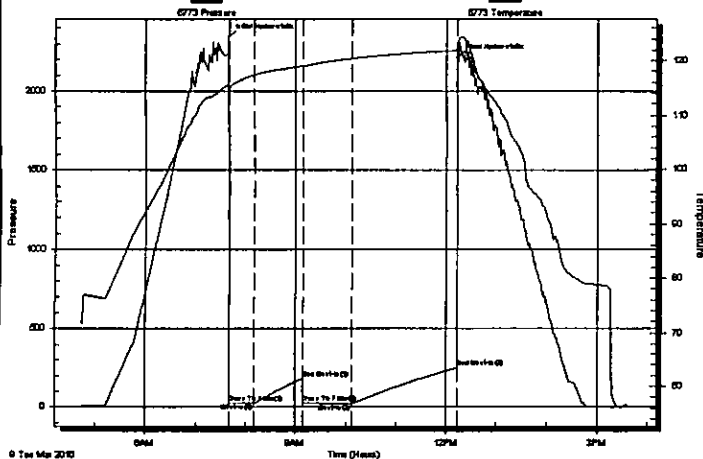
Last Calib.: 2010.03.09

Time On Btm: 2010.03.09 @ 07:39:10

Time Off Btm: 2010.03.09 @ 12:14:30

TEST COMMENT: IF- Weak building blow 5" into bucket.
IS- No blow back.
FF- Weak building blow 7" into bucket.
FS- No blow back.

Pressure vs. Time



PRESSURE SUMMARY

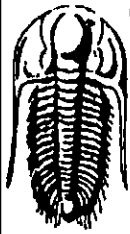
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.10	115.56	Initial Hydro-static
1	26.41	114.98	Open To Flow (1)
31	25.46	117.30	Shut-In(1)
90	182.05	119.01	End Shut-In(1)
90	27.49	118.94	Open To Flow (2)
148	22.85	120.38	Shut-In(2)
276	250.26	121.96	End Shut-In(2)
276	2213.39	122.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% mud	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

Job Ticket: 37598

DST#: 1

ATTN: Curtis Covey

Test Start: 2010.03.09 @ 04:45:00

Tool Information

Drill Pipe:	Length: 4362.00 ft	Diameter: 3.80 inches	Volume: 61.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 306.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: lb
			<u>Total Volume: 62.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4664.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

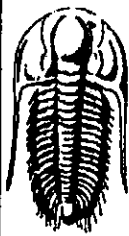
Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4637.00	
Shut In Tool	5.00			4642.00	
Hydraulic tool	5.00			4647.00	
Jars	5.00			4652.00	
Safety Joint	3.00			4655.00	
Packer	5.00			4660.00	28.00 Bottom Of Top Packer
Packer	4.00			4664.00	
Stubb	1.00			4665.00	
Perforations	1.00			4666.00	
Recorder	0.00	8355	Inside	4666.00	
Recorder	0.00	6773	Inside	4666.00	
Change Over Sub	1.00			4667.00	
Drill Pipe	31.00			4698.00	
Change Over Sub	1.00			4699.00	
Perforations	18.00			4717.00	
Bullnose	3.00			4720.00	56.00 Bottom Packers & Anchor
Total Tool Length:	84.00				

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 01 2010

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

Job Ticket: 37598

DST#: 1

ATTN: Curtis Covey

Test Start: 2010.03.09 @ 04:45:00

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:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100% mud	0.098

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

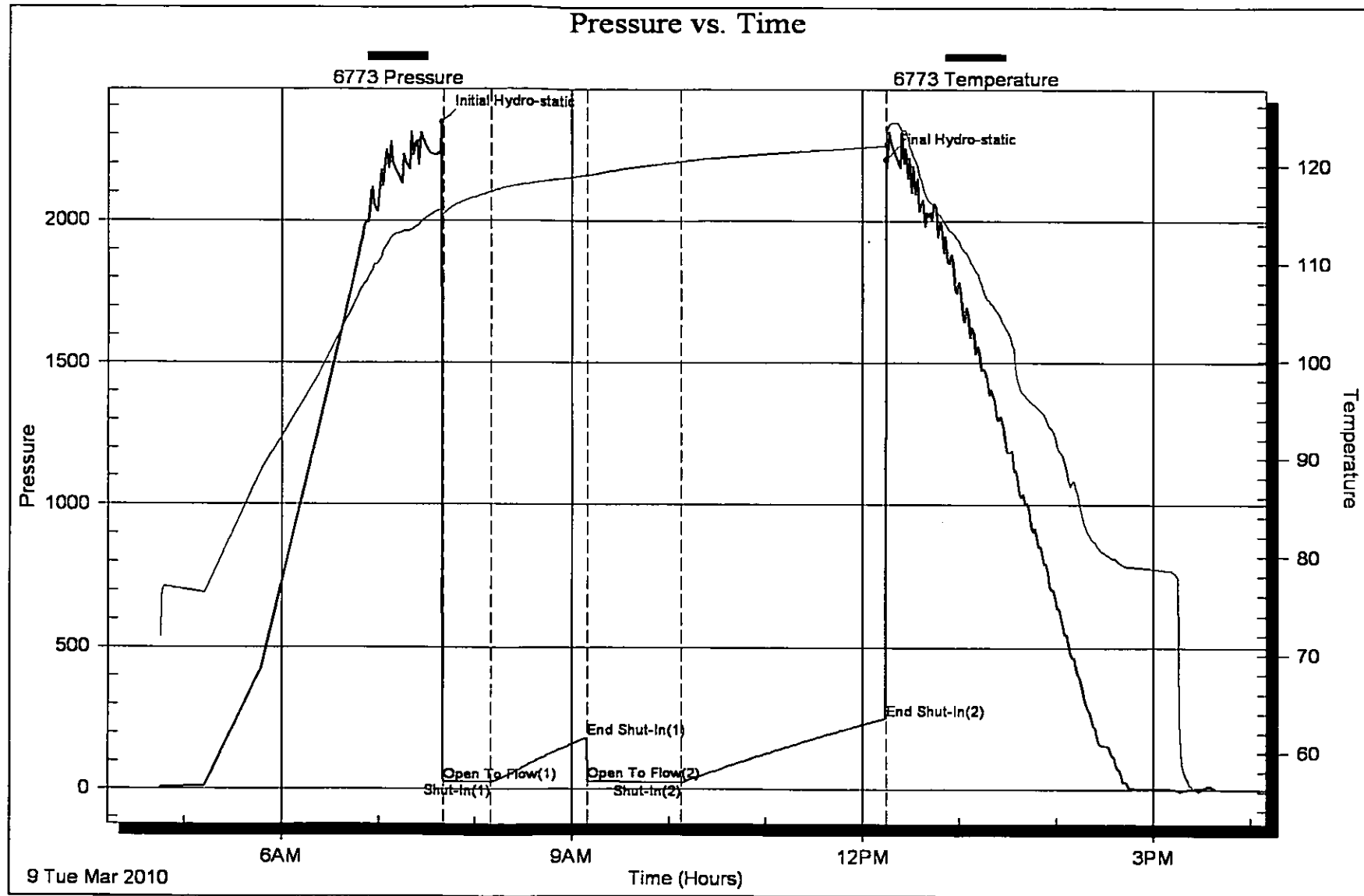
Num Gas Bombs: 0

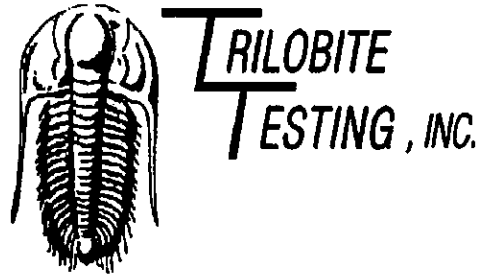
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating Co.LLC**

125 N Market Ste. 1000 Wichita KS 67202-1729

ATTN: Curtis Covey

24-34s-12w Barber KS

Wenzel #3

Start Date: 2010.03.12 @ 10:07:08

End Date: 2010.03.12 @ 22:36:53

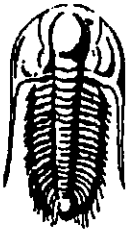
Job Ticket #: 36156 DST #: 2

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 01 2010

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

Job Ticket: 36156

DST#: 2

ATTN: Curtis Covey

Test Start: 2010.03.12 @ 10:07:08

GENERAL INFORMATION:

Formation: **Simpson**

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

Time Tool Opened: 14:08:38

Time Test Ended: 22:36:53

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **5330.00 ft (KB) To 5352.00 ft (KB) (TVD)**

Reference Elevations: **1458.00 ft (KB)**

Total Depth: **5352.00 ft (KB) (TVD)**

1446.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **12.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **34.91 psig @ 5331.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.03.12**

End Date:

2010.03.12

Last Calib.:

2010.03.12

Start Time: **10:07:13**

End Time:

22:36:53

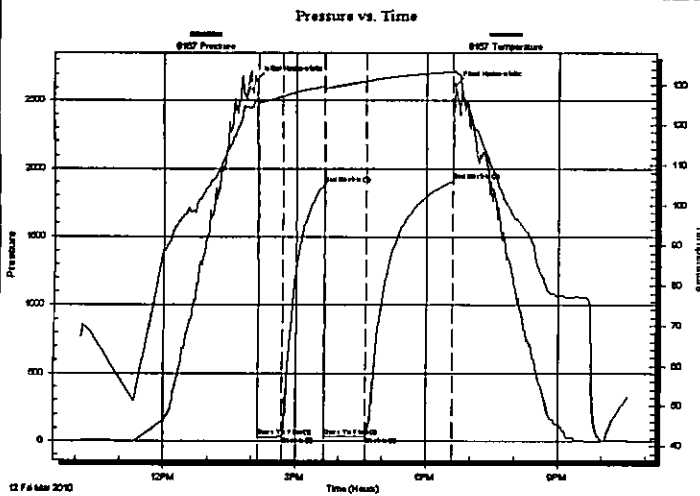
Time On Btm:

2010.03.12 @ 14:06:38

Time Off Btm:

2010.03.12 @ 18:39:38

TEST COMMENT: IF:Weak blow . 1/4" decreasing.
 IS:No blow .
 FF:No blow .
 FSI:No blow .



PRESSURE SUMMARY

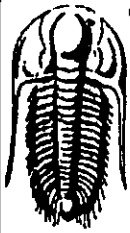
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2653.62	126.05	Initial Hydro-static
2	31.37	125.08	Open To Flow (1)
36	33.29	126.98	Shut-In(1)
93	1887.65	129.70	End Shut-In(1)
93	34.19	129.23	Open To Flow (2)
150	34.91	130.89	Shut-In(2)
270	1910.27	133.26	End Shut-In(2)
273	2621.00	133.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

Job Ticket: 36156

DST#: 2

ATTN: Curtis Covey

Test Start: 2010.03.12 @ 10:07:08

Tool Information

Drill Pipe:	Length: 5013.00 ft	Diameter: 3.80 inches	Volume: 70.32 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 305.00 ft	Diameter: 2.25 inches	Volume: 1.50 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 71.82 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 81000.00 lb
Depth to Top Packer:	5330.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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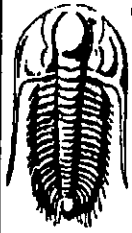
C.O. Sub	1.00			5303.00	
Shut in tool	5.00			5308.00	
HMV	5.00			5313.00	
Jars	5.00			5318.00	
Safety Joint	3.00			5321.00	
Packer	4.00			5325.00	28.00 Bottom Of Top Packer
Packer	5.00			5330.00	
Stubb	1.00			5331.00	
Recorder	0.00	8167	Inside	5331.00	
Recorder	0.00	8370	Outside	5331.00	
Perforations	16.00			5347.00	
Bullnose	5.00			5352.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00

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KANSAS CORPORATION COMMISSION
KANSAS CORP

JUL 01 2010

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co.LLC

Wenzel #3

125 N Market Ste. 1000 Wichita KS 67202-1729

24-34s-12w Barber KS

Job Ticket: 36156

DST#: 2

ATTN: Curtis Covey

Test Start: 2010.03.12 @ 10:07:08

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:

3000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
15.00	Drig.mud	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

