

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 9860  
Name: Castle Resources Inc.  
Address 1: PO Box 87  
Address 2: \_\_\_\_\_  
City: Schoenchen State: KS Zip: 67667 + \_\_\_\_\_  
Contact Person: Jerry Green  
Phone: (785) 625-5155  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Company  
Wellsite Geologist: Jerry Green / Doug Jones

Purchaser: \_\_\_\_\_  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Alter. \_\_\_\_\_  
\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD \_\_\_\_\_  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
7/11/08      7/17/08      10/2008  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 051-25792-00-00  
Spot Description: \_\_\_\_\_  
SE 5/5 4755 ok 1500 NE 1500 NW ok 1500 NE Sec. 13 Twp. 11 S. R. 17  East  West  
Feet from  North /  South Line of Section  
Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Ellis  
Lease Name: Pearl Cross Well #: A #2  
Field Name: Bemis  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1797 Kelly Bushing: 1802  
Total Depth: 3393 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 992 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/ \_\_\_\_\_

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 20,000 ppm Fluid volume: 500 bbls  
Dewatering method used: allowed to dry & backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Clamar  
Lease Name: Dechant SWD License No.: 6509  
Quarter SW Sec. 17 Twp. 14 S. R. 18  East  West  
County: Ellis Docket No.: D24904

**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: President Date: 7-26-10  
Subscribed and sworn to before me this 26<sup>th</sup> day of January  
20 10  
Notary Public: Katherine Bray  
Date Commission Expires: 7-3-12

NOTARY PUBLIC  
STATE OF KANSAS  
Katherine Bray  
Notary Public  
State of Kansas  
My App. Exp. 7-3-12

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_ UIC Distribution

Operator Name: Castle Resources Inc. Lease Name: Pearl Cress Well #: A #2  
 Sec. 13 Twp. 11 S. R. 17  East  West County: Ellis

**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: <b>Radiation Guard    Sonic Cement</b> <b>Microresistivity</b>	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>2706</td> <td>-904</td> </tr> <tr> <td>Heebner</td> <td>2940</td> <td>-1138</td> </tr> <tr> <td>LKC</td> <td>2995</td> <td>-1193</td> </tr> <tr> <td>BKC</td> <td>3227</td> <td>-1425</td> </tr> <tr> <td>Arbuckle</td> <td>3315</td> <td>-1513</td> </tr> <tr> <td>RTD</td> <td>3401</td> <td>-1599</td> </tr> </table>	Name	Top	Datum	Topeka	2706	-904	Heebner	2940	-1138	LKC	2995	-1193	BKC	3227	-1425	Arbuckle	3315	-1513	RTD	3401	-1599
Name	Top	Datum																				
Topeka	2706	-904																				
Heebner	2940	-1138																				
LKC	2995	-1193																				
BKC	3227	-1425																				
Arbuckle	3315	-1513																				
RTD	3401	-1599																				

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	12 1/4"	8 5/8"	23#	992	common	400	3% CC 2% Gel
production		5 1/2	15.5#	3393	common	175	10% salt

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	3321.5 - 3322.5	400 15% HCL	

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 JAN 29 2010  
 WICHITA, KS  
 CONSERVATION DIVISION

TUBING RECORD:    Size: <u>2 7/8"</u> Set At: <u>3300</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil    Bbls. <u>20</u>	Gas    Mcf	Water    Bbls. <u>40</u> Gas-Oil Ratio    Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 042778

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

SERVICE POINT:  
Russell KS

DATE <u>7-13-08</u>	SEC. <u>13</u>	TWP. <u>11</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30pm</u>	JOB FINISH <u>12:15am</u>
PEARL CROSS LEASE	WELL # <u>A-2</u>		LOCATION <u>Codell River Rd Jct. 2 East</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)			<u>1/4 South West into</u>				

CONTRACTOR Murfin Drilling Rig #24  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 993'  
 CASING SIZE 8 5/8 23 1/2 DEPTH 992'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT ~~47.15~~ 47.15  
 CEMENT LEFT IN CSG. ~~42.65~~ 47.15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT ~~60.17 Bb1~~ 60.17 Bb1

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 400com 3%cc 2% Gel

EQUIPMENT  
 PUMP TRUCK # 409 CEMENTER John Roberts HELPER Shane  
 BULK TRUCK # 473 DRIVER Neal  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>400</u>	@	<u>13.50</u>	<u>5400.00</u>
POZMIX		@		
GEL	<u>8</u>	@	<u>20.25</u>	<u>162.00</u>
CHLORIDE	<u>14</u>	@	<u>5.50</u>	<u>77.00</u>
ASC		@		
HANDLING	<u>422</u>	@	<u>2.25</u>	<u>949.50</u>
MILEAGE	<u>SK/mi/610</u>			<u>1266.00</u>
TOTAL				<u>8498.50</u>

REGISTERED  
 RUSSELL CORPORATION  
 0022010  
 VAN 8 8  
 CONSERVATION  
 MICHIGAN  
 10/28/08

REMARKS:

Est. Circulation Mixed 400sk cement  
Displaced plug w/ 60.17 Bb1 H2O  
Cement Did Circulate!  
Thanks!

CHARGE TO: Castle Resources Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>99.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>30</u>	@	<u>7.50</u> <u>225.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>126.00</u>			

PLUG & FLOAT EQUIPMENT

<u>1 Box Thread Lock</u>	@	<u>33.00</u>
<u>1 Baffle</u>	@	<u>148.00</u>
<u>1 Rubber Plug 8 5/8</u>	@	<u>110.00</u>
	@	
	@	
TOTAL <u>291.00</u>		

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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Anthony Martin  
 SIGNATURE Anthony Martin  
Great Job Guys

# ALLIED CEMENTING CO., LLC. 34797

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

SERVICE POINT:

Russell

DATE <u>7-17-08</u>	SEC. <u>13</u>	TWP. <u>11</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00PM</u>	JOB FINISH <u>2:00PM</u>
LEASE <u>PEARL CROSS</u>	WELL # <u>A-2</u>	LOCATION <u>Hays N. To RVR. RD.</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>8 1/2 E 1/2 S 1/4 W + N 1/2 TO</u>					

CONTRACTOR MURFIN DRUG. Rig #24

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 T.D. 3400'

CASING SIZE 5 1/2 DEPTH 3393'

TUBING SIZE New 5 1/2 DEPTH

DRILL PIPE DEPTH

TOOL AFU INSERT DEPTH @ 3355'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 39.28

CEMENT LEFT IN CSG. 39.78

PERFS.

DISPLACEMENT 79.88 @ 1.10 / BBL

EQUIPMENT

OWNER

CEMENT

AMOUNT ORDERED 175 Com. 10% SALT  
2% GEL

500 GAL WFR-2 MUD FLUSH

COMMON <u>175</u>	@	<u>13.50</u>	<u>2362.50</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>WFR-2 500 Gal</u>	@	<u>1.10</u>	<u>550.00</u>
<u>Salt 16</u>	@	<u>21.25</u>	<u>340.00</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>191</u>	@	<u>2.25</u>	<u>429.75</u>
MILEAGE <u>110/sk/mile</u>			<u>573.00</u>
TOTAL			<u>4255.25</u>

PUMP TRUCK CEMENTER Glenn

# 398 HELPER GARY

BULK TRUCK

# 378 DRIVER BOB

BULK TRUCK

# DRIVER

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KANSAS CORPORATION COMMISSION  
JAN 29 2010  
CONSERVATION DIVISION  
MICHITA, KS

REMARKS: LAND Plug @ 1,000 #  
RELEASED Pressure &  
FLOAT HELD,  
15 SK @ Pathole THANKS

CHARGE TO: CASTLE Resources Inc.

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1952.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>30</u>	@	<u>7.50</u>	<u>225.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL			<u>2182.00</u>

**PLUG & FLOAT EQUIPMENT**

<u>GRUPE SHOR</u>			<u>186.00</u>
<u>AFU INSERT</u>	@		<u>255.00</u>
<u>5-CENTRALIZERS</u>	@	<u>55.00</u>	<u>275.00</u>
<u>1-TRP.</u>	@		<u>71.00</u>
	@		
	@		
TOTAL			<u>817.00</u>

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 Anthony Martin

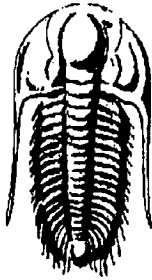
SIGNATURE Anthony Martin

Wonderful Job Guys

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Castle Resources**

PO Box 87  
Schoenchen KS 67667

ATTN: Jerry Green

**13 11S 17W Ellis KS**

**Pearl Cress # 2A**

Start Date: 2008.07.16 @ 17:41:40

End Date: 2008.07.17 @ 01:32:40

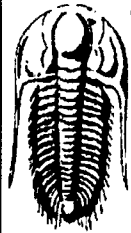
Job Ticket #: 31902                      DST #: 1

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 29 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

Castle Resources  
PO Box 87  
Schoenchen KS 67667  
ATTN: Jerry Green

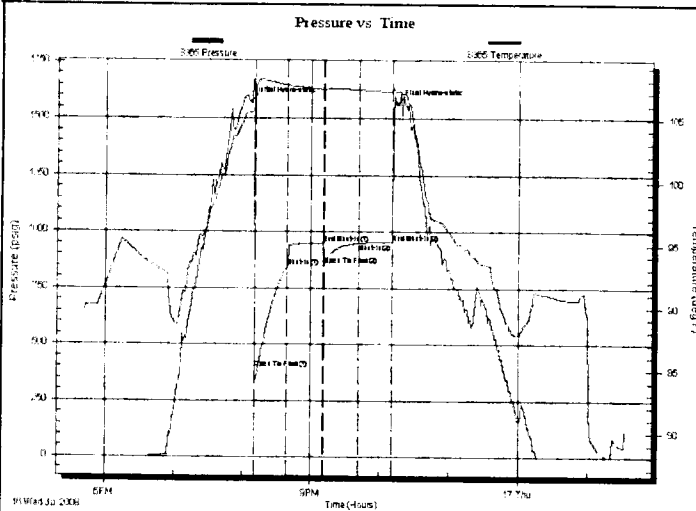
**Pearl Cress # 2A**  
**13 11S 17W Ellis KS**  
Job Ticket: 31902      **DST#: 1**  
Test Start: 2008.07.16 @ 17:41:40

## GENERAL INFORMATION:

Formation: **Arb.**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 20:10:10  
Time Test Ended: 01:32:40  
Interval: **3300.00 ft (KB) To 3327.00 ft (KB) (TVD)**  
Total Depth: **3401.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition:  
Test Type: **Conventional Straddle**  
Tester: **Ray Scwager & Brett**  
Unit No: **#42**  
Reference Elevations: **1797.00 ft (KB)**  
**1792.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 8365**      **Inside**  
Press@RunDepth: **950.47 psig @ 3306.00 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2008.07.16**      End Date: **2008.07.17**      Last Calib.: **2008.07.17**  
Start Time: **17:41:45**      End Time: **01:32:39**      Time On Btm: **2008.07.16 @ 20:06:40**  
Time Off Btm: **2008.07.16 @ 22:15:10**

TEST COMMENT: IFP Strg blow thru-out  
ISI 1 1/4' blow back  
FFP Strg blow in 1 min  
FSIP Surface blow back



## PRESSURE SUMMARY

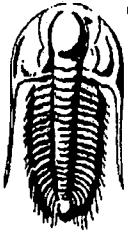
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1573.70	105.53	Initial Hydro-static
4	390.62	104.86	Open To Flow (1)
33	844.90	107.67	Shut-In(1)
64	949.86	107.33	End Shut-In(1)
65	855.10	107.30	Open To Flow (2)
95	950.47	107.31	Shut-In(2)
125	951.59	107.16	End Shut-In(2)
129	1566.79	107.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
720.00	Ww/show O	9.01
300.00	OGCMW 15%G 20%O 5%M 60%W	4.21
900.00	GWCO 15%G 30%W 55%O	12.62
225.00	OO	3.16
0.00	125' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Castle Resources  
PO Box 87  
Schoenchen KS 67667  
ATTN: Jerry Green

**Pearl Cress # 2A**  
**13 11S 17W Ellis KS**  
Job Ticket: 31902      **DST#: 1**  
Test Start: 2008.07.16 @ 17:41:40

**Tool Information**

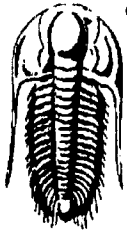
Drill Pipe:	Length: 3186.00 ft	Diameter: 3.80 inches	Volume: 44.69 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 45.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3300.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	3327.00 ft			
Interval between Packers:	27.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

**Length (ft)    Serial No.    Position    Depth (ft)    Accum. Lengths**

Change Over Sub	1.00			3280.00	
Shut In Tool	5.00			3285.00	
Hydraulic tool	5.00			3290.00	
Packer	5.00			3295.00	21.00      Bottom Of Top Packer
Packer	5.00			3300.00	
Stubb	1.00			3301.00	
Perforations	5.00			3306.00	
Recorder	0.00	8365	Inside	3306.00	
Perforations	17.00			3323.00	
Blank Off Sub	1.00			3324.00	
Blank Off Sub	3.00			3327.00	27.00      Tool Interval
Packer	5.00			3332.00	
Stubb	1.00			3333.00	
Perforations	5.00			3338.00	
Recorder	0.00	6625	Below	3338.00	
Blank Spacing	64.00			3402.00	
Bullnose	3.00			3405.00	78.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>126.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Castle Resources  
PO Box 87  
Schoenchen KS 67667  
ATTN: Jerry Green

**Pearl Cress # 2A**  
**13 11S 17W Ellis KS**  
Job Ticket: 31902      **DST#: 1**  
Test Start: 2008.07.16 @ 17:41:40

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 24000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.10 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
720.00	Ww/show O	9.007
300.00	OGCMW 15%G 20%O 5%M 60%W	4.208
900.00	GWCO 15%G 30%W 55%O	12.625
225.00	CO	3.156
0.00	125' GIP	0.000

Total Length: 2145.00 ft      Total Volume: 28.996 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: .23@83F



