



KANSAS CORPORATION COMMISSION 1085949  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8247  
Name: Hembree, Robert F  
Address 1: PO BOX 542  
Address 2: \_\_\_\_\_  
City: NESS CITY State: KS Zip: 67560 + 0542  
Contact Person: Fred J. Hembree  
Phone: ( 620 ) 802-7960  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Wellsite Geologist: Scott Alburg  
Purchaser: N.C.R.A.

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., 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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>4/11/2012</u>	<u>4/20/2012</u>	<u>4/27/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25369-00-00  
Spot Description: \_\_\_\_\_  
NW SE SW NE Sec. 25 Twp. 18 S. R. 24  East  West  
3004 Feet from  North /  South Line of Section  
1963 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Parker Well #: 7  
Field Name: Miner  
Producing Formation: Mississippi  
Elevation: Ground: 2248 Kelly Bushing: 2255  
Total Depth: 4273 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 214 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1469 Feet  
If Alternate II completion, cement circulated from: 1469  
feet depth to: 0 w/ 150 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 28000 ppm Fluid volume: 840 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: Robert F. Hembree  
Lease Name: Parker License #: 8247  
Quarter NW Sec. 25 Twp. 18 S. R. 24  East  West  
County: Ness Permit #: D30634

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garbar Date: 06/28/2012



1085949

Operator Name: Hembree, Robert F Lease Name: Parker Well #: 7  
 Sec. 25 Twp. 18 S. R. 24  East  West County: Ness

**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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Attached Top Attached Datum Attached
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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	12.25	8.625	23	214	Class A	165	2%gel,3%CC
Longstring	7.8750	5.50	15.50	4269	EA-2	145	15.4 PPG

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	0-1469	SMD	150	
<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

<b>TUBING RECORD:</b>	Size: <u>2.3750</u>	Set At: <u>4265</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>5/01/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>125</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>38</u>
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> <u>4269-4273</u>
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# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 130779  
Invoice Date: Apr 13, 2012  
Page: 1

Voice: (817) 546-7282  
Fax: (817) 246-3361



**Bill To:**  
Robert F. Hembree  
P O Box 542  
Ness City, KS 67560

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Hem	Parker #7	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Apr 12, 2012	5/13/12

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.25	2,681.25
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
178.20	SER	Handling	2.10	374.22
3.00	SER	Ton Miles	19.13	57.38
1.00	SER	Surface	1,125.00	1,125.00
3.00	SER	Heavy Vehicle Mileage	7.00	21.00
3.00	SER	Light Vehicle Mileage	4.00	12.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	OPER ASSIST	Jonathon Ploutz		
1.00	OPER ASSIST	Kevin Weighous		

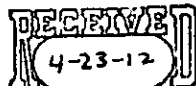
Subtotal	4,683.80
Sales Tax	194.93
Total Invoice Amount	4,878.73
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,878.73</b>

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

**\$ 936.76**

ONLY IF PAID ON OR BEFORE  
May 8, 2012

— 936.76  
**\$ 3,941.97**



# ALLIED OIL & GAS SERVICES, LLC 053511

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

SERVICE POINT: West Bend, KS

DATE <u>4-12-12</u>	SEC. <u>25</u>	TWP. <u>18</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30 AM</u>	JOB FINISH <u>4:00 PM</u>
LEASE <u>PARKER</u>	WELL # <u>7</u>	LOCATION <u>Ness City, KS WORTH</u>		COUNTY <u>Ness</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		<u>14 West South 14th</u>					

CONTRACTOR Pickrell #10 OWNER Robert Heimbree

TYPE OF JOB Surf Face

HOLE SIZE 17 1/4 I.D. 218

CASING SIZE 8 5/8 O.D. DEPTH 218

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15 ft.

PERFS.

DISPLACEMENT 12.93 BBL.

CEMENT AMOUNT ORDERED 165 lbs Class A  
3% cc 2% gel

COMMON	<u>165</u>	@	<u>16.25</u>	<u>2,681.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
HANDLING	<u>178.2</u>	@	<u>2.10</u>	<u>374.22</u>
MILEAGE	<u>8.14 x 3 x</u>	@	<u>2.35</u>	<u>57.38</u>
TOTAL				<u>3,525.80</u>

**REMARKS:**

Pipe on bottom, break circulation  
10/80 mud. Hook up cement pump  
Mix 765 lbs, Class A 3% cc, 2% gel  
Displace with 12.93 BBL fresh  
water. Shut in  
Cement did circulate  
rig down  
plug down & circulation

CHARGE TO: Robert Heimbree

STREET \_\_\_\_\_

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

**SERVICE**

DEPTH OF JOB	<u>218</u>			
PUMP TRUCK CHARGE			<u>1125.00</u>	
EXTRA FOOTAGE	@			
MILEAGE Hum	<u>3</u>	@	<u>7.00</u> <u>21.00</u>	
MANIFOLD	@			
	<u>Hum 3</u>	@	<u>7.00</u> <u>12.00</u>	
TOTAL				<u>1158.00</u>

**PLUG & FLOAT EQUIPMENT**

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

To: Allied Oil & Gas Services, 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 Kern

SIGNATURE x Mike Kern  
Thank You!

SALES TAX (if Any) \_\_\_\_\_

TOTAL CHARGES 4,683.80

DISCOUNT 936.76 IF PAID IN 30 DAYS

3,747.04



CHARGE TO <b>ROBERT F. HEMBREE</b>
ADDRESS
CITY, STATE, ZIP CODE

TICKET  
No 21685

PAGE 1 OF 2

SERVICE LOCATIONS 1. <b>NESS CITY, KS</b>	WELL/PROJECT NO <b>#7</b>	LEASE <b>PARKER</b>	COUNTY/PARISH <b>NESS</b>	STATE <b>Ks</b>	CITY	DATE <b>4-19-12</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>PICKRELL DRIG #10</b>	RIG NAME/NO.	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO.	
3.	WELL TYPE <b>Oil</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>5 1/2" LONGSTRING</b>	WELL PERMIT NO.	WELL LOCATION <b>NESS CITY SWIFT YARD - 1/2 W, S</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #114	10		ME		6.00	60.00
578		1			PUMP CHARGE	1		JOB	4265 FT	1500.00	1500.00
221		1			LIQUID KCL	2		Gal		25.00	50.00
281		1			MUD FLUSH	500		Gal		1.25	625.00
402		1			CENTRALIZERS	10		EA		70.00	700.00
403		1			CEMENT BASKETS	2		EA		250.00	500.00
404		1			PORT COUPLER TOP JT # 66	1		EA	1475 FT	2400.00	2400.00
405		1			FORMATION PACKERSHOE	1		EA		1400.00	1400.00
406		1			CATCH DOWN PLUG - RAFFLE	1		EA		250.00	250.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY

X  
DATE SIGNED **4-19-12** TIME SIGNED **1900**  P.M.

**4-21-12**

REMIT PAYMENT TO:

SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	7485.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	3992.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	11,477.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	587.00
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			7855 6.3%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	12,064.50

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR **Wayne Wasen**

APPROVAL **Robert F. Hembree**

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 21685

CUSTOMER: ROBERT F. HEMBREE  
WELL: PARKER #7  
DATE: 4-19-12  
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	CF								
325		1				STANDARD CEMENT EA-2	175	SKS			13.50	2362.50
276		1				FLOCELE	50	LBS			2.00	100.00
283		1				SALT	900	LBS			.20	180.00
284		1				CALSEAL	8	SKS	800	LBS	35.00	280.00
285		1				CFR-1	100	LBS			4.00	400.00
290		1				D-ADR	2	GAL			35.00	70.00
581		1				SERVICE CHARGE			CUBIC FEET	175	2.00	350.00
582		1				MILEAGE CHARGE	TOTAL WEIGHT 18300	LOADED MILES 10	TON MILES	91.5	250.00	250.00

CONTINUATION TOTAL 3992.50

JOB LOG

SWIFT Services, Inc.

DATE 4-19-12 PAGE NO.

CUSTOMER ROBERT F. HEMBREE WELL NO. # 7 LEASE PARKER JOB TYPE 5 1/2" LONGSTRING TICKET NO. 21685

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (Est)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION
	2330							START 5 1/2" CASING IN WELL
								TD-4270 SET = 4265'
								TP-4270 5 1/2" 15.5
								ST-42' MARKER JT #8 (10.66)
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 13, 15, 17, 65
								CMT BSKTS - 9, 66
								PORT COLLAR = 1475 TOP JT # 66
	0130				✓		1000	DROP BALL - CALCULATE - SET PACKERSHOE
	0220	6	12		✓		450	PUMP 500 GAL MUDFLUSH
	0222	6	20		✓		450	PUMP 20 BBLs KCL-FLUSH
	0227		7					PLUG RH (30SKS)
	0230	4 1/2	35		✓		300	MIX CEMENT - 145 SKS EA-2 = 15.4 PPG
	0242							WASH OUT PUMP - LINES
	0242							RELEASE LATCH DOWN PLUG
	0245	7	0		✓			DISPLACE PLUG
	0300	6 1/2	100.6				1500	PLUG DOWN - PSE UP LATCH IN PLUG
	0302						OK	RELEASE PSE - HELD
								WASH TRUCK
	0400							JOB COMPLETE
								THANK YOU
								WAYNE, DAVE K., <del>DAVE</del> ISAAC



CHARGE TO **ROBERT F. HEMBREE**  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET  
 No 21695

PAGE 1 OF 1

SERVICE LOCATIONS 1. <b>NESS CITY, KS</b>	WELL/PROJECT NO # <b>7</b>	LEASE <b>PARKER</b>	COUNTY/PARISH <b>NESS</b>	STATE <b>Ks</b>	CITY	DATE <b>4-26-12</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>STEVE'S WELL SERVICE</b>	RIG NAME/NO.	SHIPPED VA <b>CT</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>CEMENT PORT COLLAR</b>	WELL PERMIT NO.	WELL LOCATION <b>NESS CITY SWIFT YARD, 1/2 W, S</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 110	10		ME		6.00	60.00
5760		1			PUMP CHARGE	1		JOB		1250.00	1250.00
105		1			PORT COLLAR OPENING TOOL	1		JOB		350.00	350.00
330		1			SWIFT MULTIE DENSITY STANDARD	150		SYB		16.50	2475.00
276		1			FLOCEL	50		lbs		2.00	100.00
290		1			D-ADD	2		GAL		35.00	70.00
581		1			SERVICE CHARGE CEMENT	175		SYB		2.00	350.00
582		1			MEDIUM DRAYAGE	17390		lbs	86.95 T/M	2.50	250.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X  
 DATE SIGNED **4-26-12** TIME SIGNED **0800**  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL	4905.00
TAX <b>6.3%</b>	188.69
TOTAL	5093.69

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR **WAYNE WILSON**

APPROVAL **Robert F. Hembree**

Thank You!



JOB LOG

SWIFT Services, Inc.

DATE 4-26-12 PAGE NO.

CUSTOMER ROBERT F. HEMBREE WELL NO. # 17 LEASE PARKER JOB TYPE CEMENT PORT CURE TICKET NO. 21695

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
								TUBING - 2 3/8 CASING - 5 1/2" PORT CURE = 1475'
	0835				✓		1000	PSI TEST CASING - HEAD
	0840	3	2	✓		350		OPEN PORT CURE - TEST RATE
	0850	4 1/4	83	✓		400		MAX CEMENT 150 SPS SMD
	0910	4	5	✓		550		DISPLACE CEMENT
	0920				✓		1000	CLOSE PORT CURE - PSI TEST HEAD  CIRCULATE 15 SPS CEMENT TO BIT
	0930	4	20		✓		400	RUN 4 JOBS - CIRCULATE CLEAN  WASH TRUCK - PULL TOOL
	1000							JOB COMPLETE
								THANK YOU WAYNE, JEFF, ISAAC

**STANDARD TEST LOG**  
Well No. \_\_\_\_\_  
Date \_\_\_\_\_  
Location \_\_\_\_\_  
Operator \_\_\_\_\_  
Company \_\_\_\_\_  
Geologist \_\_\_\_\_  
Log No. \_\_\_\_\_

Time \_\_\_\_\_  
Weather \_\_\_\_\_  
Tide \_\_\_\_\_

State \_\_\_\_\_  
County \_\_\_\_\_  
Section \_\_\_\_\_  
Twp \_\_\_\_\_  
Range \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

Time	Depth	Temperature	Pressure	Specific Gravity
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

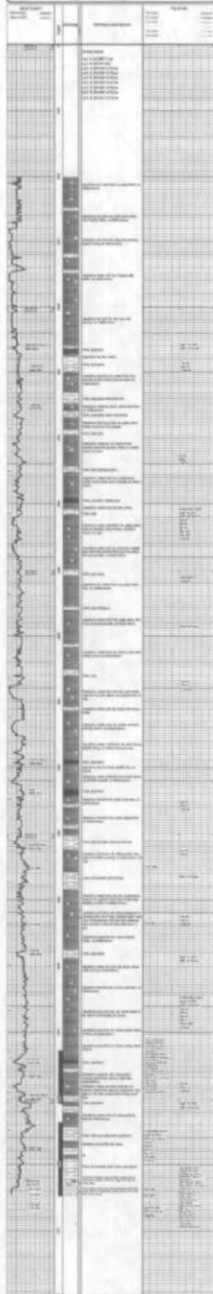
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Time	Depth	Temperature	Pressure	Specific Gravity
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

\_\_\_\_\_



Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Parker 7
Doc ID	1085949

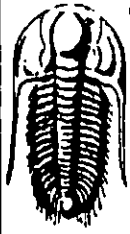
All Electric Logs Run

Dual Compensated Porosity
Micro Resistivity
Sonic Cement Bond
Dual Induction

Form	ACO1 - Well Completion
Operator	Hembree, Robert F
Well Name	Parker 7
Doc ID	1085949

Tops

T/Anhydrite	1503	+752
B/Anhydrite	1534	+721
Heebner	3627	-1372
Toronto	3650	-1395
Lansing	3671	-1416
B/KC	3966	-1711
Marmaton	4010	-1755
Pawnee	4091	-1836
Ft. Scott	4172	-1917
Cherokee	4195	-1940
Mississippi	4265	-2010
RTD	4273	-2018
LTD	4271	-2016



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

HEMBREE, ROBERT F

25, 18S, 24W NESS

PO BOX 542  
NESS CITY KS 67560

PARKER # 7

Job Ticket: 46951

DST#: 1

ATTN: SCOTT ALBERG

Test Start: 2012.04.17 @ 19:52:00

### GENERAL INFORMATION:

Formation: **FORT SCOTT**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:15:30

Time Test Ended: 03:20:30

Test Type: Conventional Bottom Hole (Initial)

Tester: RANDY WILLIAMS

Unit No: 63

Interval: 4162.00 ft (KB) To 4202.00 ft (KB) (TVD)

Total Depth: 4202.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2260.00 ft (KB)

2253.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8790

Inside

Press@RunDepth: 49.89 psig @ 4164.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.04.17

End Date:

2012.04.18

Last Calib.: 2012.04.18

Start Time: 19:52:05

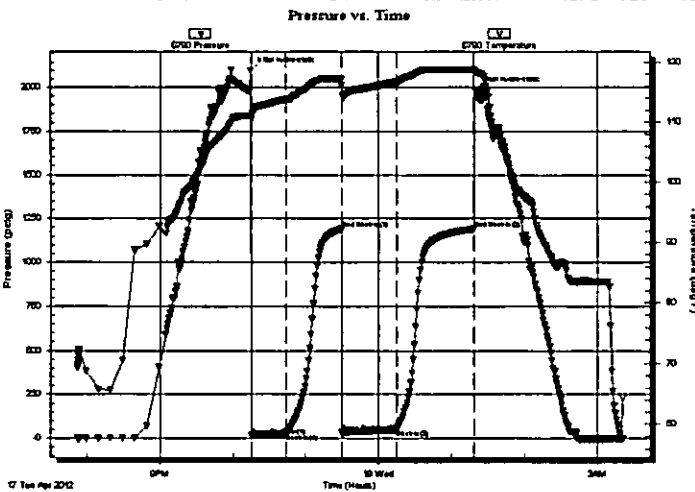
End Time:

03:20:29

Time On Btm: 2012.04.17 @ 22:14:30

Time Off Btm: 2012.04.18 @ 01:19:30

TEST COMMENT: IF- FBB, BUILT BOTTOM BUCKET IN 10 MINS INTO OPEN  
ISI-NBB  
FF-SBB, BOTTOM OF BUCKET IN 30 SEC  
FSI-NBB



### PRESSURE SUMMARY

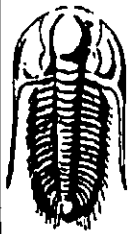
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.83	110.99	Initial Hydro-static
1	14.24	110.47	Open To Flow (1)
29	28.30	113.77	Shut-In(1)
75	1191.96	117.15	End Shut-In(1)
76	32.08	116.09	Open To Flow (2)
121	49.89	116.64	Shut-In(2)
184	1190.25	118.75	End Shut-In(2)
185	1983.20	118.59	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
1.00	CLEAN OIL	0.01
29.00	SGOCM, 5% GAS, 10% OIL, 85% MUD	0.42
60.00	MOG, 10% MUD, 25% OIL, 65% GAS	0.88
0.00	1359 GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

HEMBREE, ROBERT F

25,18S,24W NESS

PO BOX 542  
NESS CITY KS 67560

PARKER # 7

Job Ticket: 46951

DST#: 1

ATTN: SCOTT ALBERG

Test Start: 2012.04.17 @ 19:52:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 11.17 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity: 6000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	CLEAN OIL	0.015
29.00	SGOCM, 5% GAS, 10% OIL, 85% MUD	0.424
60.00	MOG, 10% MUD, 25% OIL, 65% GAS	0.877
0.00	1359 GIP	0.000

Total Length: 90.00 ft      Total Volume: 1.316 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

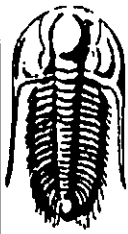
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

HEMBREE, ROBERT F

25, 18S, 24W NESS

PO BOX 542  
NESS CITY KS 67560

PARKER # 7

Job Ticket: 46952

DST#: 2

ATTN: SCOTT ALBERG

Test Start: 2012.04.18 @ 16:40:00

## GENERAL INFORMATION:

Formation: **MISS**

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

Time Tool Opened: 18:55:30

Time Test Ended: 04:34:00

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **RANDY WILLIAMS**

Unit No:

Interval: **4218.00 ft (KB) To 4273.00 ft (KB) (TVD)**

Reference Elevations: **2260.00 ft (KB)**

Total Depth: **4273.00 ft (KB) (TVD)**

**2253.00 ft (CF)**

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

KB to GR/CF: **7.00 ft**

Serial #: **8790**

Inside

Press@RunDepth: **1263.26 psig @ 4252.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.04.18**

End Date:

2012.04.19

Last Calib.: **2012.04.19**

Start Time: **16:40:05**

End Time:

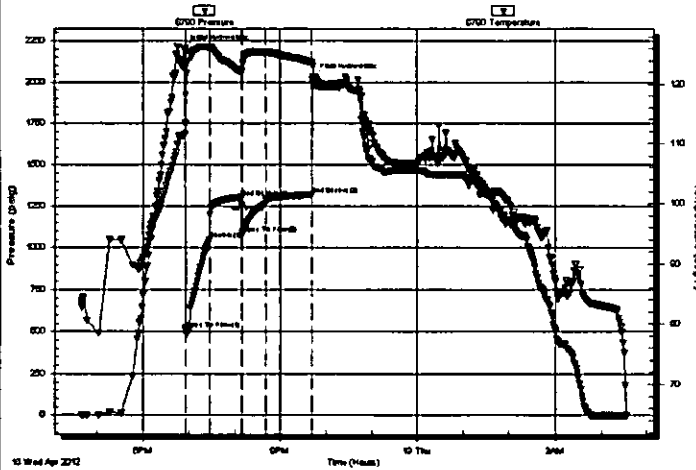
04:34:00

Time On Btm: **2012.04.18 @ 18:54:00**

Time Off Btm: **2012.04.18 @ 21:43:00**

TEST COMMENT: IF- SBB, BUILT BOTTOM BUCKET 1 MIN  
IS- BB, BUILT 3 INCHS  
FF- SBB, BUILT BOTTOM BUCKET 30 SEC  
FS- NBB

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2202.62	111.37	Initial Hydro-static
2	512.52	113.36	Open To Flow (1)
33	1050.29	126.20	Shut-in(1)
75	1304.21	122.07	End Shut-in(1)
76	1085.24	122.21	Open To Flow (2)
106	1263.26	125.42	Shut-in(2)
168	1318.47	123.72	End Shut-in(2)
169	2031.58	123.12	Final Hydro-static

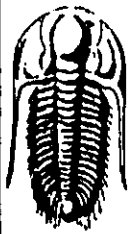
## Recovery

Length (ft)	Description	Volume (bbl)
1071.00	CLEAN OIL	5.27
2190.00	CLEN OIL REVERSED OUT	10.77
126.00	GWMCO 20% GAS, 5% WATER, 20% MUO. 62% OIL	
0.00	126 GIP	0.00

## Gas Rates

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





**TRILOBITE  
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## DRILL STEM TEST REPORT

HEMBREE, ROBERT F

25,18S,24W NESS

PO BOX 542  
NESS CITY KS 67560

PARKER # 7

Job Ticket: 46952

DST#: 2

ATTN: SCOTT ALBERG

Test Start: 2012.04.18 @ 16:40:00

### GENERAL INFORMATION:

Formation: **MISS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:55:30

Time Test Ended: 04:34:00

Test Type: Conventional Bottom Hole (Initial)

Tester: RANDY WILLIAMS

Unit No:

Interval: 4218.00 ft (KB) To 4273.00 ft (KB) (TVD)

Total Depth: 4273.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2260.00 ft (KB)

2253.00 ft (CF)

KB to GR/CF: 7.00 ft

### Serial #: 8792

Press@RunDepth: psig @ ft (KB)

Start Date: 2012.04.18 End Date: 2012.04.19

Start Time: 16:40:05 End Time: 04:34:00

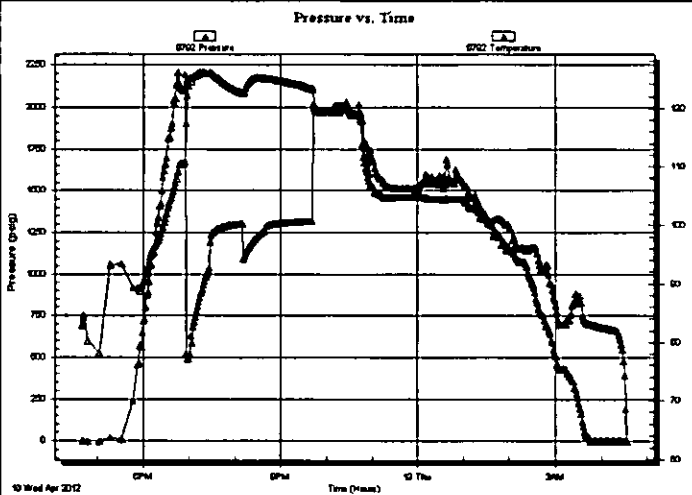
Capacity: 8000.00 psig

Last Calib.: 1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- SBB, BUILT BOTTOM BUCKET 1 MIN  
IS- BB, BUILT 3 INCH'S  
FF- SBB, BUILT BOTTOM BUCKET 30 SEC  
FS- NBB



### PRESSURE SUMMARY

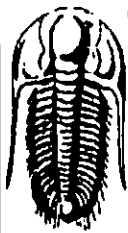
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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### Recovery

Length (ft)	Description	Volume (bbl)
1071.00	CLEAN OIL	5.27
2190.00	CLEN OIL REVERSED OUT	10.77
126.00	GWMCO 20% GAS, 5% WATER, 20% MUD, 62% OIL	0.62
0.00	126 GIP	0.00

### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

HEMBREE, ROBERT F

25,18S,24W NESS

PO BOX 542  
NESS CITY KS 67560

PARKER # 7

Job Ticket: 46952

DST#: 2

ATTN: SCOTT ALBERG

Test Start: 2012.04.18 @ 16:40:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

8000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1071.00	CLEAN OIL	5.267
2190.00	CLEN OIL REVERSED OUT	10.770
126.00	GWMCO 20% GAS, 5% WATER, 20% MUD, 5%	0.620
0.00	126 GIP	0.000

Total Length: 3387.00 ft

Total Volume: 16.657 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

