



KANSAS CORPORATION COMMISSION 1074701  
OIL & GAS CONSERVATION DIVISION

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

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

OPERATOR: License # 32158  
Name: H & B Petroleum Corp.  
Address 1: PO BOX 277  
Address 2: \_\_\_\_\_  
City: ELLINWOOD State: KS Zip: 67526 + \_\_\_\_\_  
Contact Person: Al Hammersmith  
Phone: ( 620 ) 564-3002  
CONTRACTOR: License # 34066  
Name: Trinity Oilfield Services Inc.  
Wellsite Geologist: Kent Crisler  
Purchaser: NCRA

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>06/06/2011</u>	<u>06/15/2011</u>	<u>07/07/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25251-00-00

Spot Description: \_\_\_\_\_

NW NW SW SE Sec. 8 Twp. 18 S. R. 21  East  West  
1020 Feet from  North /  South Line of Section  
2480 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Ness

Lease Name: Fritz Trust Well #: 1

Field Name: \_\_\_\_\_

Producing Formation: Fort Scott

Elevation: Ground: 2201 Kelly Bushing: 2213

Total Depth: 4341 Plug Back Total Depth: 4282

Amount of Surface Pipe Set and Cemented at: 268 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1483 Feet

If Alternate II completion, cement circulated from: 1483

feet depth to: 0 w/ 300 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 3200 ppm Fluid volume: 0 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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 Carrico Date: 02/24/2012



1074701

Operator Name: H & B Petroleum Corp. Lease Name: Fritz Trust Well #: 1  
 Sec. 8 Twp. 18 S. R. 21  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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

List All E. Logs Run:

**Attached**

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1467	
Heebner	3665	
Lansing	3709	
Base Kansas City	3999	
Fort Scott	4184	
Cherokee	4200	
Mississippi	4283	

CASING RECORD  New  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	268	Class A Commor	165	3%cc,2%gel
Production	7.875	4.5	11	4339	Class A Commor	125	10%salt,2%gel
Production	7.875	4.5	11	4339	60/40 Poz	95	4%gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ 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	4185-4188	3550 gal 15%	4156

TUBING RECORD: Size: 2 3/8 Set At: 4218 Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. 07/07/2011 Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	28.5	0	22.15		37

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) <input type="checkbox"/> Other (Specify) _____	<u>4185-4188</u> <u>Fort Scott</u>

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Fritz Trust 1
Doc ID	1074701

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Microresistivity
Sonic Cement Bond

# ALLIED CEMENTING CO.. LLC. 038815

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

SERVICE POINT:  
Great Bend KS

DATE <u>6-7-11</u>	SEC <u>8</u>	TWP. <u>18</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00 AM</u>	JOB FINISH <u>6:30 AM</u>
LEASE <u>Fv. #2</u>	WELL# <u>1</u>	LOCATION <u>Bazine 45 East To FF</u>			COUNTY <u>Webb</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			RO <u>3 No. 14 To 160 1/2 west North</u>				

CONTRACTOR <u>Southwind Rig 70</u>	OWNER <u>H&amp;B Petroleum</u>
TYPE OF JOB	
HOLE SIZE	T.D. <u>270</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>268.53</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15</u>	
PERFS.	
DISPLACEMENT <u>16 BBLS</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>WYNAS</u>	
# <u>366</u> HELPER <u>G-eb</u>	
BULK TRUCK	
# <u>482-188</u> DRIVER <u>T-out</u>	
BULK TRUCK	
#	DRIVER

CEMENT			
AMOUNT ORDERED	<u>16.5 SK CLASS A + 3% + 2% Gel</u>		
COMMON	<u>16.5</u>	@ <u>16.25</u>	<u>2681.25</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>174</u>	@ <u>2.25</u>	<u>391.50</u>
MILEAGE	<u>177 x 50 x .11</u>		<u>957.00</u>
			TOTAL <u>4442.70</u>

REMARKS:

Run 8 5/8 casing 268.53  
circulated with Rig mud  
Run 5 BBLS Ahead.  
14 1/2 x 16.5 SK class A + 3% + 2% Gel  
Shut Down Release Plug  
Displace 16 BBLS Freshwater.  
Shut in. Cement did  
Circulate. Rig Down

SERVICE

DEPTH OF JOB	<u>268.53</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE Truck	<u>100</u>	@ <u>7.00</u>	<u>700.00</u>
MANIFOLD		@	
<u>Light Truck - 700</u>		@ <u>4.00</u>	<u>400.00</u>
			TOTAL <u>2225.00</u>

CHARGE TO: H&B Petroleum

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>wooden plug</u>	@ <u>94.00</u>	<u>94.00</u>
	@	
	@	
	@	
	@	
		TOTAL <u>94.00</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 Wesley Pfaff

SIGNATURE Wesley Pfaff

# ALLIED CEMENTING CO., LLC. 039633

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

.....E POINT:  
Dossell Ks  
6-16-2011

DATE <u>6-15-2011</u>	SEC. <u>8</u>	TWP. <u>18 S</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 Am</u>	JOB FINISH <u>3:00 Am</u>
LEASE <u>FRITZ TRUST</u>		WELL # <u>/</u>		LOCATION <u>Bozine Ks. 2 E 3 N 1/2 W</u>		COUNTY <u>Ness</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>V4 N INTR</u>			

CONTRACTOR Southwind Drilling Rig #70 OWNER \_\_\_\_\_

TYPE OF JOB PRODUCTION STRING  
 HOLE SIZE 7 7/8 TO T.D. 4340 FT  
 CASING SIZE 4 1/2 AM. # 11 DEPTH 4339  
~~RELEASE LATCH DOWN PLUG DEPTH ASSY @ 4327~~ 95 SX @ 48 GAL (SCAVENGER BLEND)  
 DRILL PIPE DEPTH \_\_\_\_\_  
 TOOL PORT Collar on #76 DEPTH @ 1483

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 12.70  
 CEMENT LEFT IN CSG. 12.70  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 67/RBL  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER COLEMAN  
 # 417 HELPER WOODY  
 BULK TRUCK \_\_\_\_\_  
 # 481 DRIVER ROY  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT AMOUNT ORDERED 125 SK Com. 10% SAT 28 GAL  
95 SX @ 48 GAL (SCAVENGER BLEND)  
 COMMON 125 @ 16.25 2031.25  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 GEL 2 @ 31.25 62.50  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 SALT 11 @ 23.95 263.45  
 CLK 95 @ 14.50 1377.50  
 HANDLING 237 @ 2.25 524.25  
 MILEAGE 14/16/16 @ \_\_\_\_\_ 1281.50  
 TOTAL 5529.45

REMARKS: (PC. ON #76 JT. 1483')

ROY 116 JT'S New 11. # 4 1/2 CSG. SET @ 4339'  
CIRCUM. 4 Snip. Bottom. Pump and flush. +  
50 SX SCAVENGER BLEND CEMENT, FOLLOWED BY  
125 SK Com. 10% SAT 28 GAL, CLEAR-LINE/  
RELEASE LATCH DOWN PLUG. + Displace 65 BBL H<sub>2</sub>O  
LAND 110.00 1 PORT. Release Pressure + Plug (Used)  
15 SX Mouschule  
30 SX @ Patchole  
THANKS

SERVICE \_\_\_\_\_  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 2405.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 MILEAGE 100 @ 7.00 700.00  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
CUH 100 @ 4.00 400.00  
 TOTAL 3505.00

CHARGE TO: H & B Petroleum Corp  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT  
 B. Float shoe \_\_\_\_\_ 229.00  
 B. LATCH DOWN PLUG ASSY @ \_\_\_\_\_ 163.00  
 B. 7-CENTRALIZERS, @ 34.00 238.00  
 R. 1-BASKET @ \_\_\_\_\_ 187.00  
 B. 1-PORT COLLAR @ \_\_\_\_\_ 1740.00  
 TOTAL 2557.00

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

PRINTED NAME Al Hammesmith  
 SIGNATURE Al Hammesmith

# ALLIED CEMENTING CO., LLC. 035901

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

SERVICE POINT:  
Russell, KS

DATE <u>7/5/11</u>	SEC <u>B</u>	TWP. <u>18S</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 AM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>Fitz</u>	WELL # <u>1</u>	LOCATION <u>Bazine 2E, 3N, 1/2W</u>	COUNTY <u>Ness</u>		STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/4 A into</u>				

**CONTRACTOR**

TYPE OF JOB Port Collar

HOLE SIZE 7 7/8 T.D.

CASING SIZE 4 1/2 DEPTH

TUBING SIZE 2 3/8 DEPTH

DRILL PIPE DEPTH

POOL Port Collar DEPTH 1483

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 4,721

**OWNER**

CEMENT AMOUNT ORDERED 300 Ckt 14450

20601

COMMON @

POZMIX @

GEL 20 @ 21.25 425.00

CHLORIDE @

ASC @

Ckt 300 @ 14.50 4350.00

HANDLING 320 @ 2.25 720.00

MILEAGE 1160 @ 1.50 1740.00

TOTAL 7255.00

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane, Ron

# 417 HELPER Woody

BULK TRUCK

# 473 DRIVER Nick

BULK TRUCK

# DRIVER

**REMARKS:**

*Tested hole to 1000 ft.  
Loaded Tubing with 14450  
Original Port Collar 1483  
Disp. 4,721  
Tested hole to 1000 ft.  
Hold Run 5 1/2 hrs  
Clear Cement at hole*

**SERVICE**

DEPTH OF JOB

PUMP TRUCK CHARGE 1925.00

EXTRA FOOTAGE @

MILEAGE 100 @ 7.00 700.00

MANIFOLD @

100 @ 4.00 400.00

TOTAL 3025.00

CHARGE TO: H&B Petroleum

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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.

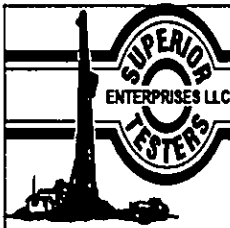
PRINTED NAME Mike Hammermith

SIGNATURE Mike Hammermith

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

TOTAL CHARGES 10,280.00

DISCOUNT 200 IF PAID IN 30 DAYS



# DRILL STEM TEST REPORT

H&B Petroleum Corporation

Fritz Trust #1

PO Box 277  
 Ellinwood, KS  
 67526-0277  
 ATTN:

8/18S/21W/Ness

Job Ticket: 15800 DST#: 1

Test Start: 2011.06.13 @ 12:15:00

## GENERAL INFORMATION:

Formation: Fort Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:51:00

Time Test Ended: 22:22:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325

Interval: 4163.00 ft (KB) To 4200.00 ft (KB) (TVD)

Reference Elevations: 2213.00 ft (KB)

Total Depth: 4200.00 ft (KB) (TVD)

2203.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6749

Inside

Press@RunDepth: 100.41 psig @ 4196.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.06.13

End Date: 2011.06.13

Last Calib.: 2011.06.13

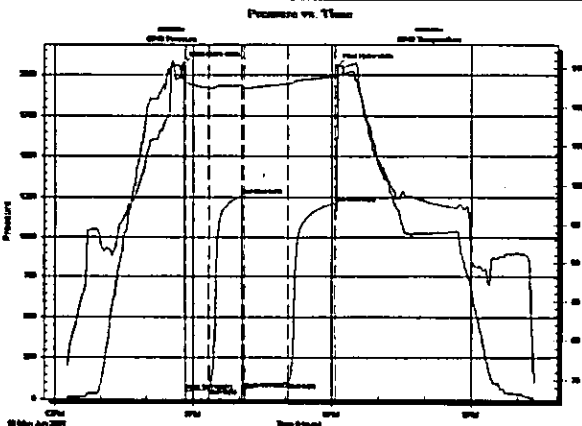
Start Time: 12:16:00

End Time: 22:22:00

Time On Btm: 2011.06.13 @ 14:49:00

Time Off Btm: 2011.06.13 @ 18:07:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 7 inches  
 1ST Shut In 45 Minutes/No blow back  
 2ND Open 60 Minutes/Fair blow/Blow built to bottom of bucket in 5 minutes  
 2ND Shut In 60 Minutes/Weak blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.74	113.84	Initial Hydro-static
2	48.02	113.23	Open To Flow (1)
32	64.64	112.46	Shut-in(1)
75	1255.87	112.81	End Shut-in(1)
78	61.92	112.44	Open To Flow (2)
135	100.41	113.04	Shut-in(2)
197	1214.33	113.94	End Shut-in(2)
199	2060.74	114.04	Final Hydro-static

## Recovery

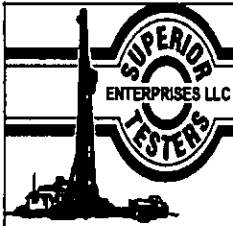
Length (ft)	Description	Volume (bbl)
30.00	Oil cut mud Oil 5% Mud 95%	0.44
30.00	Watery mud cut oil	0.44
0.00	Water 2% Mud 18% Oil 80%	0.00
90.00	Oil cut mud Oil 20% Mud 80%	1.32
2500.00	Gas in pipe Gas 100%	36.56

## Gas Rates

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







# DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corporation

Fritz Trust #1

PO Box 277  
 Elinwood, KS  
 67526+0277  
 ATTN:

8/18S/21W/Ness

Job Ticket: 15800      DST#: 1  
 Test Start: 2011.06.13 @ 12:15:00

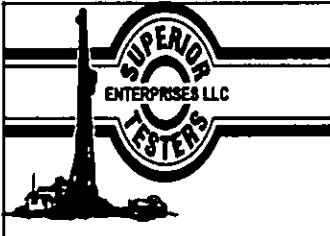
**Tool Information**

Drill Pipe:	Length: 4166.00 ft	Diameter: 3.88 inches	Volume: 60.92 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:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	72000.00 lb
			<b>Total Volume: 60.92 bbl</b>	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	4163.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	66.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in tool	5.00			4139.00	
Hydroic tool	5.00			4144.00	
Change over sub	1.00			4145.00	
Jars	6.00			4151.00	
Safety Joint	2.00			4153.00	
Packer	5.00			4158.00	29.00      Bottom Of Top Packer
Packer	5.00			4163.00	
Anchor	32.00			4195.00	
Recorder	1.00	6749	Inside	4196.00	
Recorder	1.00	6748	Outside	4197.00	
Bullnose	3.00			4200.00	37.00      Bottom Packers & Anchor

**Total Tool Length: 66.00**



# DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corporation

Fritz Trust #1

PO Box 277  
 Elmerwood, KS  
 67526-0277  
 ATTN:

8/18S/21W/Neas  
 Job Ticket: 15800      DST#: 1  
 Test Start: 2011.06.13 @ 12:15:00

## 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: 68.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Oil cut mud Oil 5% Mud 95%	0.439
30.00	Watery mud cut oil	0.439
0.00	Water 2% Mud 18% Oil 80%	0.000
90.00	Oil cut mud Oil 20% Mud 80%	1.316
2500.00	Gas in pipe Gas 100%	36.581

Total Length: 2650.00 ft      Total Volume: 38.755 bbl

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

Laboratory Name:      Laboratory Location:

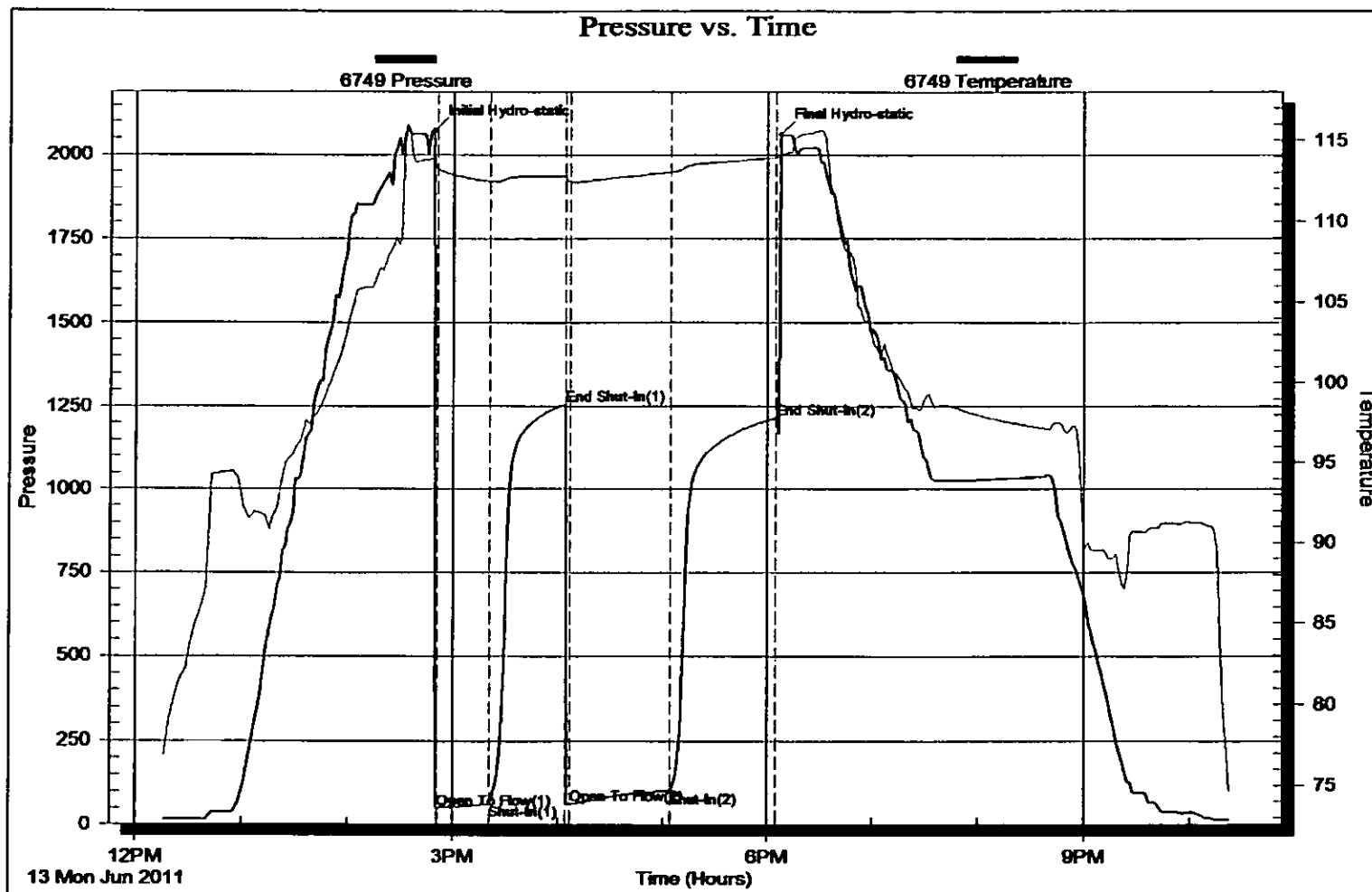
Recovery Comments:

Serial #: 6749

Inside H&B Petroleum Corporation

8/18S21W/Ness

DST Test Number: 1

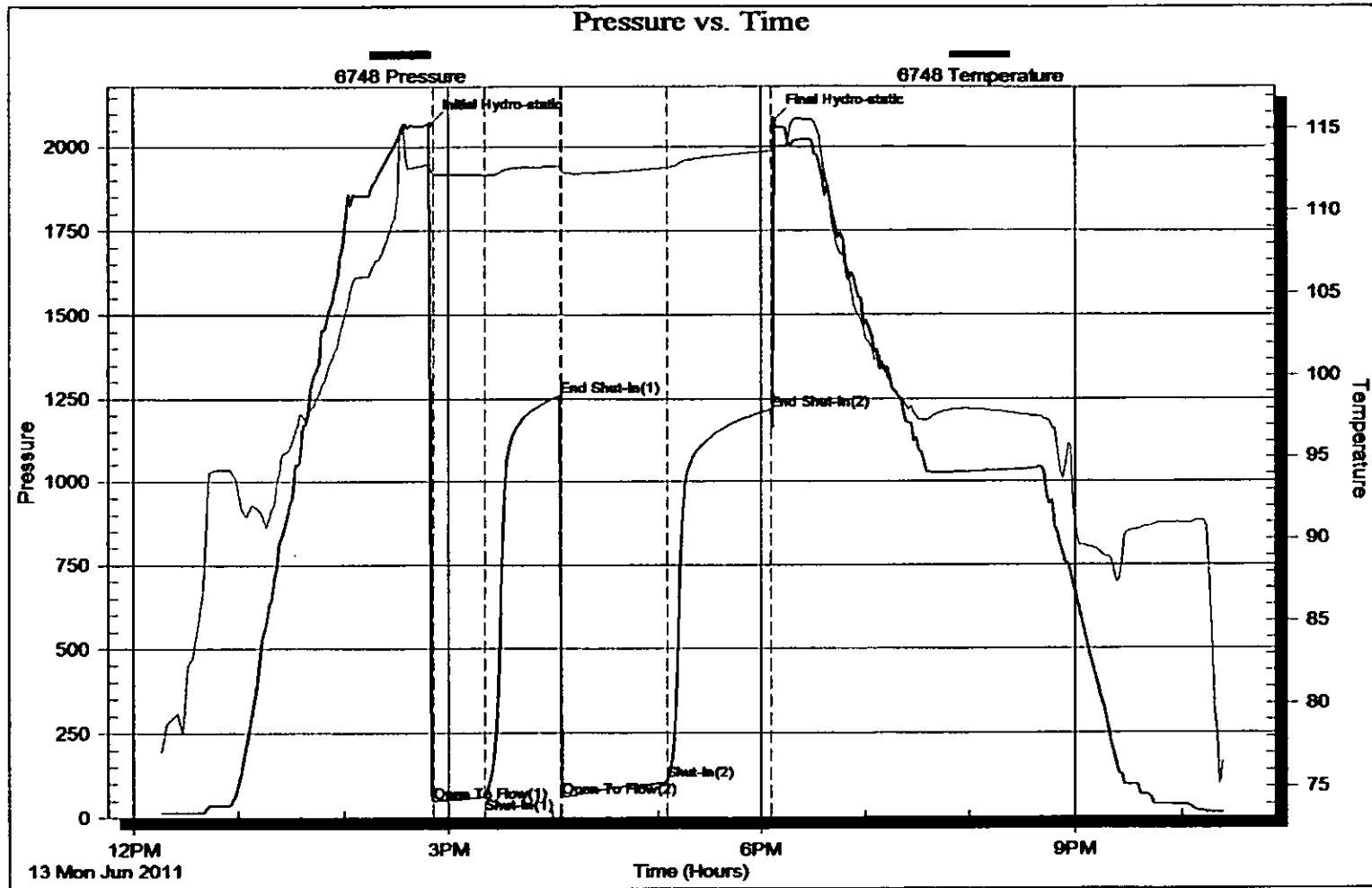


Serial #: 6748

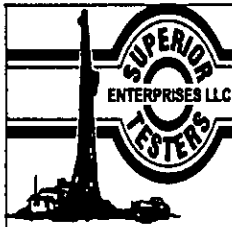
Outside H&B Petroleum Corporation

8/18S/21W/Ness

DST Test Number: 1







# DRILL STEM TEST REPORT

H&B Petroleum Corporation

Fritz Trust #1

PO Box 277  
 Ellinwood, KS  
 67526+0277  
 ATTN:

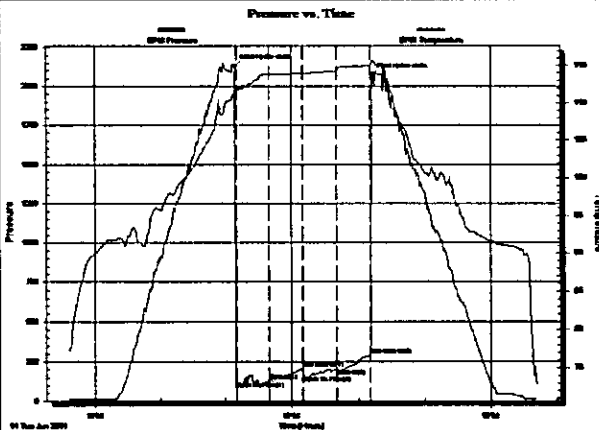
8/18S/21W/Ness  
 Job Ticket: 16583 DST#: 2  
 Test Start: 2011.06.14 @ 14:35:00

## GENERAL INFORMATION:

Formation: Cherokee Sand/Missis  
 Deviated: No Whipstock ft (KB)  
 Time Tool Opened: 17:12:00  
 Time Test Ended: 21:43:30  
 Interval: 4201.00 ft (KB) To 4290.00 ft (KB) (TVD)  
 Total Depth: 4290.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325  
 Reference Elevations: 2213.00 ft (KB)  
 2203.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 6748 Outside  
 Press@RunDepth: 292.24 psig @ 4287.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2011.06.14 End Date: 2011.06.14 Last Calib.: 2011.06.14  
 Start Time: 14:36:00 End Time: 21:43:00 Time On Btm: 2011.06.14 @ 17:09:00  
 Time Off Btm: 2011.06.14 @ 19:12:30

TEST COMMENT: 1ST Open 30 Minutes/Weak surface blow/Blow died in 8 Minutes  
 1ST Shut in 30 Minutes/No blow back  
 2ND Open 30 Minutes/No blow  
 2ND Shut in 30 Minutes/No blow back



## PRESSURE SUMMARY

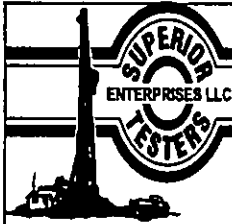
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.71	111.26	Initial Hydro-static
1	77.22	111.35	Open To Flow (1)
31	134.56	113.84	Shut-in(1)
61	207.50	113.90	End Shut-in(1)
62	115.49	113.86	Open To Flow (2)
92	208.30	114.21	Shut-in(2)
122	292.24	115.02	End Shut-in(2)
124	2068.50	115.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.22

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



# DRILL STEM TEST REPORT

TOOL DIAGRAM

H&B Petroleum Corporation  
 PO Box 277  
 Elinwood, KS  
 67526+0277  
 ATTN:

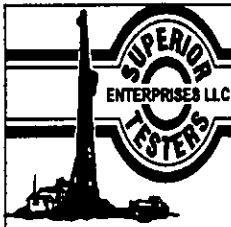
Fritz Trust #1  
 8/18S/21W/Ness  
 Job Ticket: 16583      DST#: 2  
 Test Start: 2011.06.14 @ 14:35:00

## Tool Information

Drill Pipe:	Length: 4192.00 ft	Diameter: 3.88 inches	Volume: 61.30 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: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 61.30 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.75 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4201.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	117.75 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-in tool	5.00			4177.25	
Hydrolic tool	5.00			4182.25	
Change over sub	0.75			4183.00	
Jars	6.00			4189.00	
Safety Joint	2.00			4191.00	
Packer	5.00			4196.00	28.75      Bottom Of Top Packer
Packer	5.00			4201.00	
Anchor	5.00			4206.00	
change over sub	0.75			4206.75	
drill pipe	62.50			4269.25	
change over sub	0.75			4270.00	
anchor	15.00			4285.00	
Recorder	1.00	6749	Inside	4286.00	
Recorder	1.00	6748	Outside	4287.00	
bull plug	3.00			4290.00	89.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>117.75</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

H&B Petroleum Corporation

Fritz Trust #1

PO Box 277  
Blinwood, KS  
67526-0277

8/18S/21W/Neas

Job Ticket: 16583

DST#: 2

ATTN:

Test Start: 2011.06.14 @ 14:35:00

## 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: 49.00 sec/qt

Cushion Volume: bbl

Water Loss: 13.59 in\*

Gas Cushion Type:

Resistivity: 9600.00 ohm.m

Gas Cushion Pressure: psig

Salinity: ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.219

Total Length: 15.00 ft      Total Volume: 0.219 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

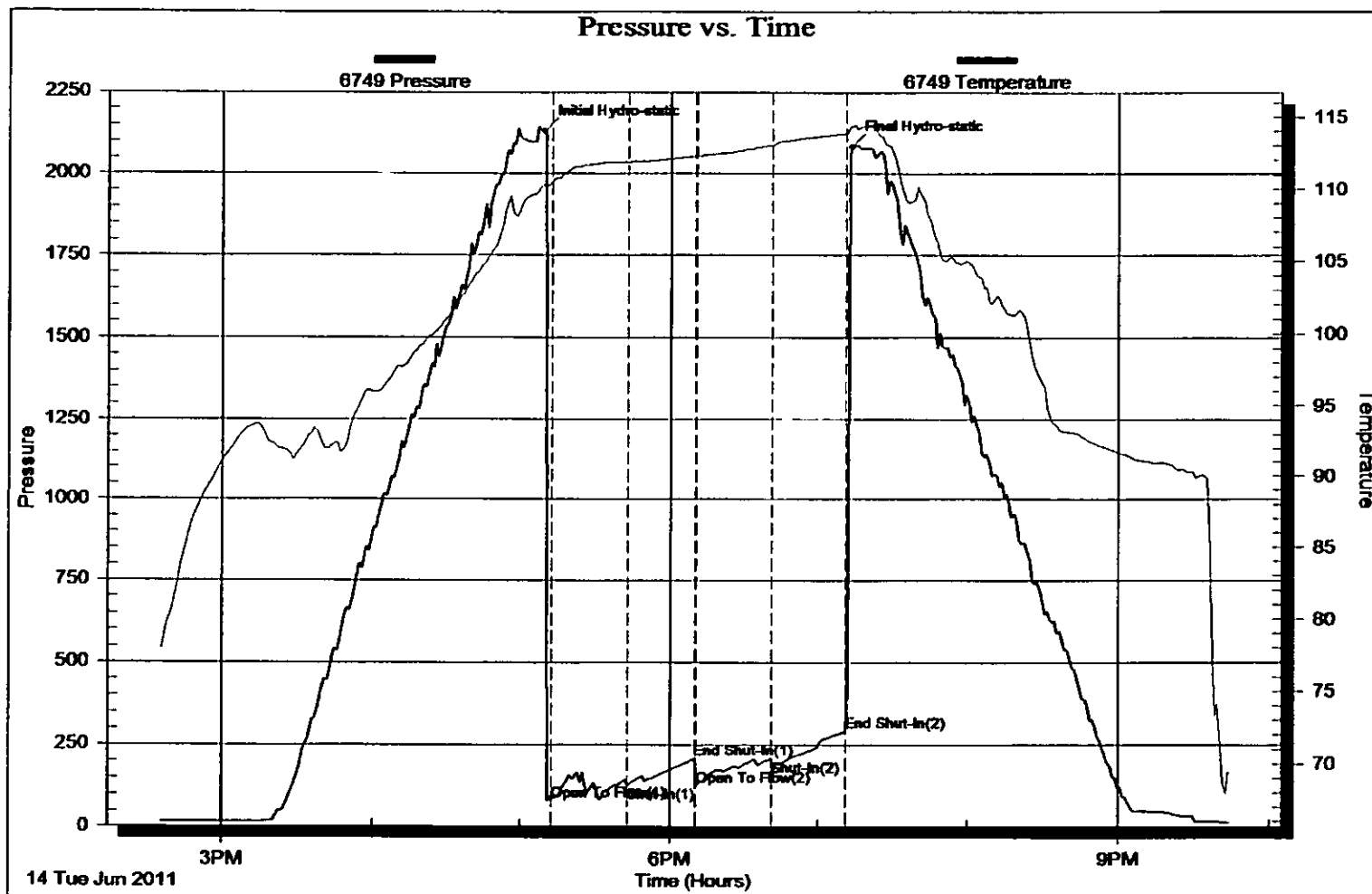


Serial #: 6749

Inside H&B Petroleum Corporation

8/18S/21W/Ness

DST Test Number: 2



Serial #: 6748

Outside H&B Petroleum Corporation

8/18S/21W/Ness

DST Test Number: 2

