



KANSAS CORPORATION COMMISSION 1054836  
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 # 32158  
Name: H & B Petroleum Corp.  
Address 1: PO Box 277  
Address 2: \_\_\_\_\_  
City: Ellinwood State: KS Zip: 67526 + 0277  
Contact Person: Al Hammersmith  
Phone: ( 620 ) 564-3002  
CONTRACTOR: License # 34066  
Name: Trinity Oilfield Services Inc.  
Wellsite Geologist: James Musgrove  
Purchaser: NCRA

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     S1OW
- 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>09/30/2010</u>	<u>10/10/2010</u>	<u>11/04/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22084-00-00

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

E2 NW NE SW Sec. 17 Twp. 22 S. R. 33  East  West

2,310 Feet from  North /  South Line of Section

1,865 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Finney

Lease Name: Garden City A Well #: 9

Field Name: Damme

Producing Formation: Morrow

Elevation: Ground: 2890 Kelly Bushing: 2900

Total Depth: 4930 Plug Back Total Depth: 4871

Amount of Surface Pipe Set and Cemented at: 437 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1952 Feet

If Alternate II completion, cement circulated from: 1952

feet depth to: 0 w/ 400 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 7580 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: Deanne Garrison Date: 04/26/2011



1054836

Operator Name: H & B Petroleum Corp. Lease Name: Garden City A Well #: 9  
 Sec. 17 Twp. 22 S. R. 33  East  West County: Finney

**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 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 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 Top Datum Attached Attached 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	24	437.3	Common	300	3%cc,2%gel
Production	7.875	5.5	15.5	4895.92	ASC	150	10%salt,6%gel,5#gelsonite

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 checked="" type="checkbox"/> Plug Off Zone	4666-4816	Common	200	Common

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	4792-4795,4798-4816	1000 gal 7 1/2%acid, Frac 741 bls, 21000 lbs, 16/30 sand	4871
6	4792-4798, 4808-4810	500 gal 7 1/2%acid, Frac 432 bls, 10032 lbs, 16/30 sand	

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>4844</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/02/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf _____ Water Bbls. <u>82</u> Gas-Oil Ratio _____ Gravity <u>32</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4792-4810</u>
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Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Garden City A 9
Doc ID	1054836

All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Microresistivity
Sonic Cement Bond

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Garden City A 9
Doc ID	1054836

Tops

Tops		
Heebner	3814	
Lansing	3916	
Base Ks City	4347	
Pawnee	4433	
Cherokee Shale	4472	
Morrow Shale	4671	
Morrow Sand	4767	
Mississippi	4821	

# ALLIED CEMENTING CO., LLC. 035122A

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

SERVICE POINT:

OAKLEY

DATE <u>9-30-10</u>	SEC. <u>17</u>	TWP. <u>22S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>8:00 AM</u>	JOB START <u>6:30 PM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>GARDEN CAY "A"</u>		WELL # <u>9</u>		LOCATION <u>GARDEN CAY 9N-SW-1/2N-E 2N</u>			
OLD OR (NEW) (Circle one) <u>NEW</u>				COUNTY <u>KENNESAW</u>		STATE <u>KS</u>	

CONTRACTOR <u>Southwest ORLS REG<sup>TM</sup></u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>439'</u>
CASING SIZE <u>8 3/4"</u>	DEPTH <u>437'</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>26 3/4 BBLs</u>	

CEMENT AMOUNT ORDERED	<u>300 SKS COM 3 3/8 CC 2 7/8 GEL</u>
COMMON	<u>300 SKS @ 15.45 = 4635.00</u>
POZMIX	@
GEL	<u>5 SKS @ 20.80 = 104.00</u>
CHLORIDE	<u>10 SKS @ 58.20 = 582.00</u>
ASC	@
HANDLING	<u>315.33 @ 2.48 = 756.00</u>
MILEAGE	<u>104 PER SK / MILE = 2367.00</u>
<b>TOTAL</b>	<b><u>8439.00</u></b>

**EQUIPMENT**

PUMP TRUCK # <u>431</u>	CEMENTER <u>TEARY</u>	HELPER <u>KELLY</u>
BULK TRUCK # <u>394</u>	DRIVER <u>BRANDON</u>	
BULK TRUCK #	DRIVER	

**REMARKS:**

CEMENT did CIRC.

**SERVICE**

DEPTH OF JOB	<u>437</u>	
PUMP TRUCK CHARGE		<u>1018.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>75 MR @ 7.00 = 525.00</u>	
MANIFOLD	@	
<b>TOTAL</b>		<b><u>1543.00</u></b>

THANK YOU

CHARGE TO: H + B Petroleum

STREET \_\_\_\_\_

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

**PLUG & FLOAT EQUIPMENT**

<u>8 5/8" SURFACE Plug</u>		<u>68.00</u>
	@	
	@	
	@	
	@	
<b>TOTAL</b>		<b><u>68.00</u></b>

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 Frank Rome

SIGNATURE Frank Rome

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

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

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

# ALLIED CEMENTING CO., LLC. 035661

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

SERVICE POINT:

*DOKLEY*  
Bottom 740' Bottom 740'

DATE <i>10-10-10</i>	SEC <i>17</i>	TWP <i>22</i>	RANGE <i>33</i>	CALLED OUT	ON LOCATION	JOB START <i>3:30</i>	JOB FINISH <i>6:30</i>
LEASE <i>Garden city A</i>	WELL # <i>9</i>	LOCATION <i>Garden city 9N SW</i>		COUNTY <i>Finney</i>	STATE <i>KS</i>		
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)				<i>KAN EINTO</i>			

CONTRACTOR *Southwind Drilling* OWNER *Same*

TYPE OF JOB *Production (2 stage)*

HOLE SIZE *7 1/8" I.D. 4820'*

CASING SIZE *5 1/2" DEPTH 4897'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *DV DEPTH 1956'*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *38.5'*

CEMENT LEFT IN CSG. *38.5'*

PERFS. *Bottom*

DISPLACEMENT *115.63 cu ft*

*49 wt*  
*46.55 mgal* EQUIPMENT

PUMP TRUCK CEMENTER *Andrew*

# *423-281* HELPER *Lorene*

BULK TRUCK

# *396* DRIVER *Alan*

BULK TRUCK

# *381-290* DRIVER *Robert*

CEMENT		
AMOUNT ORDERED	<i>150 sks ASC 106 gal</i>	
<i>20 gal 5" Gilsonite</i>	<i>600 sks 6%</i>	
<i>60 gal 5" Gilsonite</i>	<i>1/2" Flo-seal</i>	
<i>500 gal WFR-2</i>		
COMMON	<i>220 sks @ 15.45</i>	<i>4171.50</i>
POZMIX	<i>180 sks @ 8.00</i>	<i>1440.00</i>
GEL	<i>23 sks @ 20.80</i>	<i>478.40</i>
CHLORIDE	@	
ASC	<i>150 sks @ 18.60</i>	<i>2790.00</i>
<i>Gilsonite 2250#</i>	@ <i>289</i>	<i>2002.50</i>
<i>salt 14 sks</i>	@ <i>23.95</i>	<i>335.30</i>
<i>Flo-seal 112#</i>	@ <i>2.50</i>	<i>280.00</i>
<i>WFR-2 500 gal</i>	@ <i>1.27</i>	<i>635.00</i>
HANDLING <i>850 sks</i>	@ <i>2.40</i>	<i>2040.00</i>
MILEAGE <i>104 sk/mile</i>		<i>6325.00</i>
		TOTAL <i>20547.70</i>

REMARKS:

*Run 500 gal WFR-2 followed by 150 sks ASC  
wash pump lines clean Displace plug  
800# salt plug land 1400' hold  
run DV tool 500' Plug mouse hole  
20 plug rat hole 70 sks mix 800  
Down 5" casing wash pump lines  
Displace plug 800# land plug 1500#  
cannot circulate tool closed*

*thank you*

SERVICE

DEPTH OF JOB	<i>4897'</i>	
PUMP TRUCK CHARGE		<i>2185.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>75 miles</i>	@ <i>7.00</i>	<i>525.00</i>
MANIFOLD	@	
	@	
	@	
		TOTAL <i>2710.00</i>

CHARGE TO: *H+B Petroleum*

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

*5 1/2*

<i>3 Baskets</i>	@ <i>186.00</i>	<i>558.00</i>
<i>4 centralizers</i>	@ <i>35.00</i>	<i>140.00</i>
<i>5 Turbolizers</i>	@ <i>42.00</i>	<i>210.00</i>
<i>1 DV Tool</i>	@ <i>2832.00</i>	<i>2832.00</i>
<i>1 Guide shoe</i>	@	<i>101.00</i>
		TOTAL <i>3841.00</i>

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 *AJ Hammersmith*

SIGNATURE *AJ Hammersmith*

# ALLIED CEMENTING CO., LLC. 035618

F

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

SERVICE POINT:  
DALEY KS

DATE 11-24-10	SEC. 17	TWP. 22S	RANGE 33W	CALLED OUT	ON LOCATION 12:00pm	JOB START 1:00pm	JOB FINISH 1:30pm
LEASE <u>Garden City</u>			WELL# A-9		LOCATION <u>Barlow &amp; Bigelow Rd</u>		COUNTY Franklin
<input checked="" type="checkbox"/> OLD DR NEW (Circle one)			114 N - 6 <sup>th</sup>				

CONTRACTOR <u>T.N. Co.</u>	OWNER _____
TYPE OF JOB <u>Saucer</u>	CEMENT
HOLE SIZE _____ T.D. _____	AMOUNT ORDERED <u>200 csm</u>
CASING SIZE <u>5 1/2</u> DEPTH _____	<u>(used 180sf)</u>
TUBING SIZE <u>2 7/8</u> DEPTH <u>4666'</u>	COMMON <u>180</u> @ <u>15.45</u> <u>2781.00</u>
DRILL PIPE _____ DEPTH _____	POZMIX _____ @ _____
TOOL _____ DEPTH _____	GEL _____ @ _____
PRES. MAX _____ MINIMUM _____	CHLORIDE _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	ASC _____ @ _____
CEMENT LEFT IN CSG. <u>4792.95 - 4798.48</u>	_____ @ _____
PERFS. _____	_____ @ _____
DISPLACEMENT <u>27.0 lbs - 2.9 csg.</u>	_____ @ _____
EQUIPMENT	_____ @ _____
PUMP TRUCK CEMENTER <u>Kevin</u>	_____ @ _____
# <u>431</u> HELPER <u>Billy</u>	_____ @ _____
BULK TRUCK	_____ @ _____
# <u>457-251</u> DRIVER <u>Jose (L)</u>	_____ @ _____
BULK TRUCK	_____ @ _____
# _____ DRIVER _____	_____ @ _____
	HANDLING <u>200</u> @ <u>2.45</u> <u>480.00</u>
	MILEAGE <u>10.45</u> mile <u>1400.00</u>
	TOTAL <u>4661.00</u>

**REMARKS:**

12 B-side express to 500'  
12 lbs taking into 4666' @ 250'  
180sf cement with pump truck  
Displace 25 3/4 @ 250'  
Saucer @ 2000' Reverse 1/2  
clean Pull 2 express saucer  
to 500' + shut in ID  
complete @ 1:15 pm  
Thanks Kevin

**SERVICE**

DEPTH OF JOB	_____	_____	
PUMP TRUCK CHARGE	_____	_____	_____
EXTRA FOOTAGE	@ _____	_____	_____
MILEAGE	<u>70</u> @ <u>2.00</u>	<u>1400.00</u>	_____
MANIFOLD	@ _____	_____	_____
_____	@ _____	_____	_____
_____	@ _____	_____	_____
TOTAL	_____	_____	_____

CHARGE TO: H&B Act

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 Hammersmith

SIGNATURE Mike Hammersmith

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

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

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







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

H&B Petroleum  
P.O. Box 277  
Elmwood, KS 67526  
ATTN: Jim Musgrove

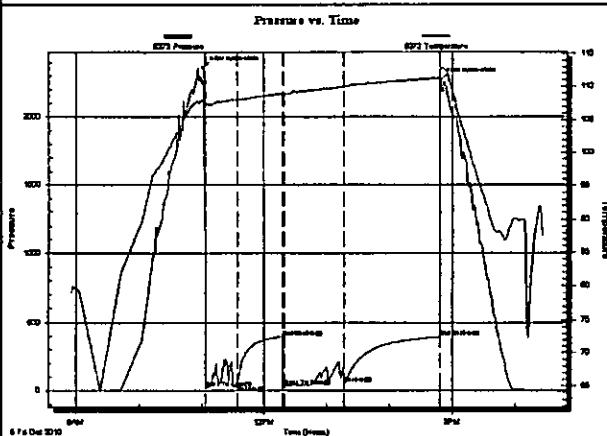
Garden City A #9  
17-22-33 Finney, KS  
Job Ticket: 040255 DST#: 1  
Test Start: 2010.10.08 @ 08:56:04

### GENERAL INFORMATION:

Formation: Marrow  
Deviated: No Whipstock ft (KB)  
Time Tool Opened: 11:03:29  
Time Test Ended: 16:26:58  
Interval: 4642.00 ft (KB) To 4795.00 ft (KB) (TVD)  
Total Depth: 4795.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches  
Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Brandon Turley  
Unit No: 35  
Reference Elevations: 2905.00 ft (KB)  
2895.00 ft (CF)  
KB to GR/CF: 10.00 ft

Serial #: 8373 Inside  
Press@RunDepth: 48.26 psig @ 4643.00 ft (KB)  
Start Date: 2010.10.08 End Date: 2010.10.08  
Start Time: 08:56:04 End Time: 16:26:58  
Capacity: 8000.00 psig  
Last Calib.: 2010.10.08  
Time On Btm: 2010.10.08 @ 11:01:29  
Time Off Btm: 2010.10.08 @ 14:48:58

TEST COMMENT: F: 1/4 blow built to 2 in 30 min.  
IS: No return.  
FF: Surface blow built to 1/4 in 60 min.  
FS: No return.



### PRESSURE SUMMARY

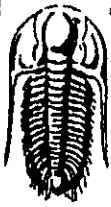
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2364.01	107.91	Initial Hydro-static
2	22.75	107.26	Open To Flow (1)
33	35.57	108.01	Shut-in (1)
77	397.57	108.94	End Shut-in (1)
78	35.23	108.88	Open To Flow (2)
136	48.26	109.96	Shut-in (2)
227	392.05	111.32	End Shut-in (2)
228	2274.51	112.89	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
55.00	mud 100% m	0.77

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

H&B Petroleum

Garden City A #9

P.O. Box 277  
Elinwood, KS 67526

17-22-33 Finney, KS

Job Ticket: 040256      DST#: 2

ATTN: Jim Musgrove

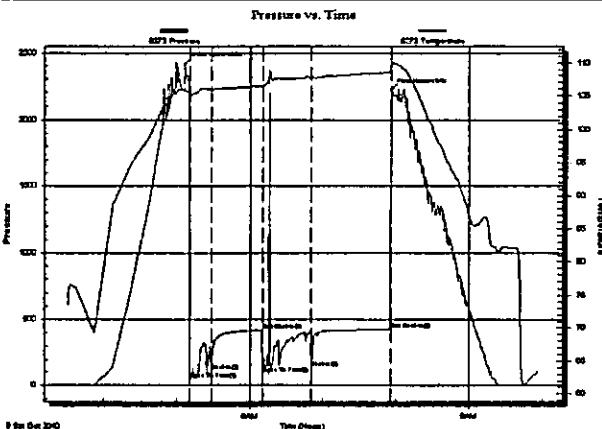
Test Start: 2010.10.09 @ 03:30:31

### GENERAL INFORMATION:

Formation: Marrow  
 Deviated: No Whipstock      ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 05:10:11      Tester: Brandon Turley  
 Time Test Ended: 09:56:55      Unit No: 35  
 Interval: 4843.00 ft (KB) To 4830.00 ft (KB) (TVD)      Reference Elevations: 2905.00 ft (KB)  
 Total Depth: 4830.00 ft (KB) (TVD)      2895.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good      KB to GR/CF: 10.00 ft

Serial #: 8373      inside  
 Press@RunDepth: 133.36 psig @ 4644.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2010.10.09      End Date: 2010.10.09      Last Calib.: 2010.10.09  
 Start Time: 03:30:31      End Time: 09:56:55      Time On Btm: 2010.10.09 @ 05:06:11  
 Time Off Btm: 2010.10.09 @ 07:55:55

TEST COMMENT: IF: 1/4 blow built to 7 in 30 min.  
 IS: No return.  
 FF: Surface blow. Flushed tool 1/2 blow 2 1/2 in 45 min.  
 FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2414.46	105.96	Initial Hydro-static
4	46.74	104.91	Open To Flow (1)
22	110.98	105.83	Shut-In(1)
64	418.08	106.49	End Shut-In(1)
64	91.00	106.40	Open To Flow (2)
105	133.36	107.53	Shut-In(2)
170	423.47	108.58	End Shut-In(2)
170	2216.65	109.43	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
164.00	mud 100% m	2.30

### Gas Rates

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