

RECEIVED

SEP 15 2011

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

KCC WICHITA

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32278

Name: Tengasco, Inc.

Address 1: PO Box 458

Address 2: 1327 Noose Rd.

City: Hays State: KS Zip: 67601 + 9744

Contact Person: Gary Wagner

Phone: ( 785 ) 625-6374

CONTRACTOR: License # 33493

Name: American Eagle Drilling LLC

Wellsite Geologist: Mike Bair

Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- 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: \_\_\_\_\_

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Conv. to GSW

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled      Permit #: \_\_\_\_\_

Dual Completion      Permit #: \_\_\_\_\_

SWD      Permit #: \_\_\_\_\_

ENHR      Permit #: \_\_\_\_\_

GSW      Permit #: \_\_\_\_\_

7-5-11      7-12-11      7-22-11

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - 009-25560-00-00

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

SE NE NW Sec. 2 Twp. 19 S. R. 12  East  West

990 Feet from  North /  South Line of Section

2,310 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Barton

Lease Name: Hammeke Well #: 3

Field Name: Cheyenne

Producing Formation: Conglomerate Sand

Elevation: Ground: 1805' Kelly Bushing: 1810'

Total Depth: 3492 Plug Back Total Depth: 3420'

Amount of Surface Pipe Set and Cemented at: 648 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 cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 42000 ppm Fluid volume: 220 bbls

Dewatering method used: Filtered to SWD

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

Operator Name: Tengasco Inc.

Lease Name: Foster License #: 32278

Quarter SE Sec. 33 Twp. 15 S. R. 11  East  West

County: Russell Permit #: D-22,259

**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.

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.

Signature: Gary Wagner

Title: Production Manager Date: 9-14-11

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: Dg Date: 9/20/11

Operator Name: Tengasco, Inc. Lease Name: Hammeke Well #: 1  
 Sec. 2 Twp. 19 S. R. 12  East  West County: Barton

**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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Density Neutron/PE, Micro &amp; CBL/GR</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>Anhydrite</td> <td>652</td> <td>+1158</td> </tr> <tr> <td>Heebner</td> <td>2986</td> <td>-1176</td> </tr> <tr> <td>Toronto</td> <td>3012</td> <td>-1202</td> </tr> <tr> <td>Lansing</td> <td>3118</td> <td>-1308</td> </tr> <tr> <td>BKC</td> <td>3365</td> <td>-1556</td> </tr> <tr> <td>Congl Sd</td> <td>3384</td> <td>-1575</td> </tr> <tr> <td>Arbuckle</td> <td>3431</td> <td>-1624</td> </tr> </table>	Name	Top	Datum	Anhydrite	652	+1158	Heebner	2986	-1176	Toronto	3012	-1202	Lansing	3118	-1308	BKC	3365	-1556	Congl Sd	3384	-1575	Arbuckle	3431	-1624
Name	Top	Datum																							
Anhydrite	652	+1158																							
Heebner	2986	-1176																							
Toronto	3012	-1202																							
Lansing	3118	-1308																							
BKC	3365	-1556																							
Congl Sd	3384	-1575																							
Arbuckle	3431	-1624																							

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#	648'	Com	250	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	3491'	ASC	140	10% Salt, 2% Gel

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	3430-38'	400 gal 15% NeFe	
	CIBP @ 3420'		
6	3390-96'		

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3401'</u>	Packer At: <u> </u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>RECEIVED</b>  <b>SEP 15 2011</b>
Date of First, Resumed Production, SWD or ENHR. <u>7-29-11</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>			
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u>	Gas Mcf	Water Bbls. <u>0</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 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) <u> </u>	PRODUCTION INTERVAL: <u>Cong 3390-96'</u>
---	---	--



# ALLIED CEMENTING CO., LLC. 035902

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

SERVICE POINT

Russell

DATE <u>7/6/11</u>	SEC. <u>2</u>	TWP. <u>19S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>Hammkecc</u>	WELL # <u>3</u>	LOCATION <u>Horsington 9E 25</u>			COUNTY <u>Dutton</u>	STATE <u>Ks</u>	
OLD OR (NEW) (Circle one) <u>NEW</u> <u>1W 15 12W Sint.</u>							

CONTRACTOR American Eagle #3 OWNER \_\_\_\_\_

TYPE OF JOB Surface Sub

HOLE SIZE 12 1/8 I.D. 6.52 CEMENT \_\_\_\_\_

CASING SIZE 8 5/8 23" DEPTH 698' AMOUNT ORDERED 250 Con 37 CC

TUBING SIZE \_\_\_\_\_ DEPTH 2161

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 4232

CEMENT LEFT IN CSG. 4238

PERFS. \_\_\_\_\_

DISPLACEMENT 38,56661

EQUIPMENT

PUMP TRUCK CEMENTER Shane

# 417 HELPER Woody

BULK TRUCK \_\_\_\_\_

# 328 DRIVER Mark

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 250 @ 16.25 4062.50

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 5 @ 21.25 106.25

CHLORIDE 9 @ 58.20 523.80

ASC \_\_\_\_\_ @ \_\_\_\_\_

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

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

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

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

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

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

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

HANDLING 264 @ 2.25 594.00

MILEAGE 1158/2.1 551.76

TOTAL 5838.31

REMARKS:

Ballot Plate @ 605.62  
Ran 8 5/8 pipe to Bottom + Candy Jt.  
Est Circulation - Mixed  
250 SKL. Displaced 38,56661

Cement Circulated

SERVICE

DEPTH OF JOB \_\_\_\_\_ 1125.00

PUMP TRUCK CHARGE \_\_\_\_\_ 330.60

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 38 @ 7.00 266.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

CON 38 @ 4.00 152.00

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

TOTAL 1873.60

PLUG & FLOAT EQUIPMENT

Ballot Plate @ 7.00 84.00

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

Rubber Plug @ \_\_\_\_\_ 79.00

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

TOTAL 163.00

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

TOTAL CHARGES 7874.91

DISCOUNT 209. IF PAID IN 30 DAYS

CHARGE TO: Transaco

STREET \_\_\_\_\_

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

Thanks!

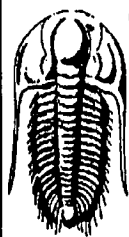
To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL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

PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature]

RECEIVED  
SEP 15 2011  
KCC WICHITA





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Tengasco, Inc.

**Hemmeke #3**

1327 Noose Rd.  
PO Box 458  
Hays, Ks 6701  
ATTN: Mike Bair

**2-19-12/Barton, Ks**

Job Ticket: 43418

**DST#: 1**

Test Start: 2011.07.10 @ 12:00:47

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 56.00 sec/qt  
Water Loss: 9.19 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5800.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 42 deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	GMO 60%G, 30%O, 10%M	2.665
90.00	GMCO 40%G, 40%O, 20%M	1.262
175.00	FREE OIL 95%O, 5%M	2.455

Total Length: 455.00 ft      Total Volume: 6.382 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Tengasco, Inc.

**Hemmeke #3**

1327 Noose Rd.  
PO Box 458  
Hays, Ks 6701  
ATTN: Mike Bair

**2-19-12/Barton, Ks**

Job Ticket: 43418

**DST#: 1**

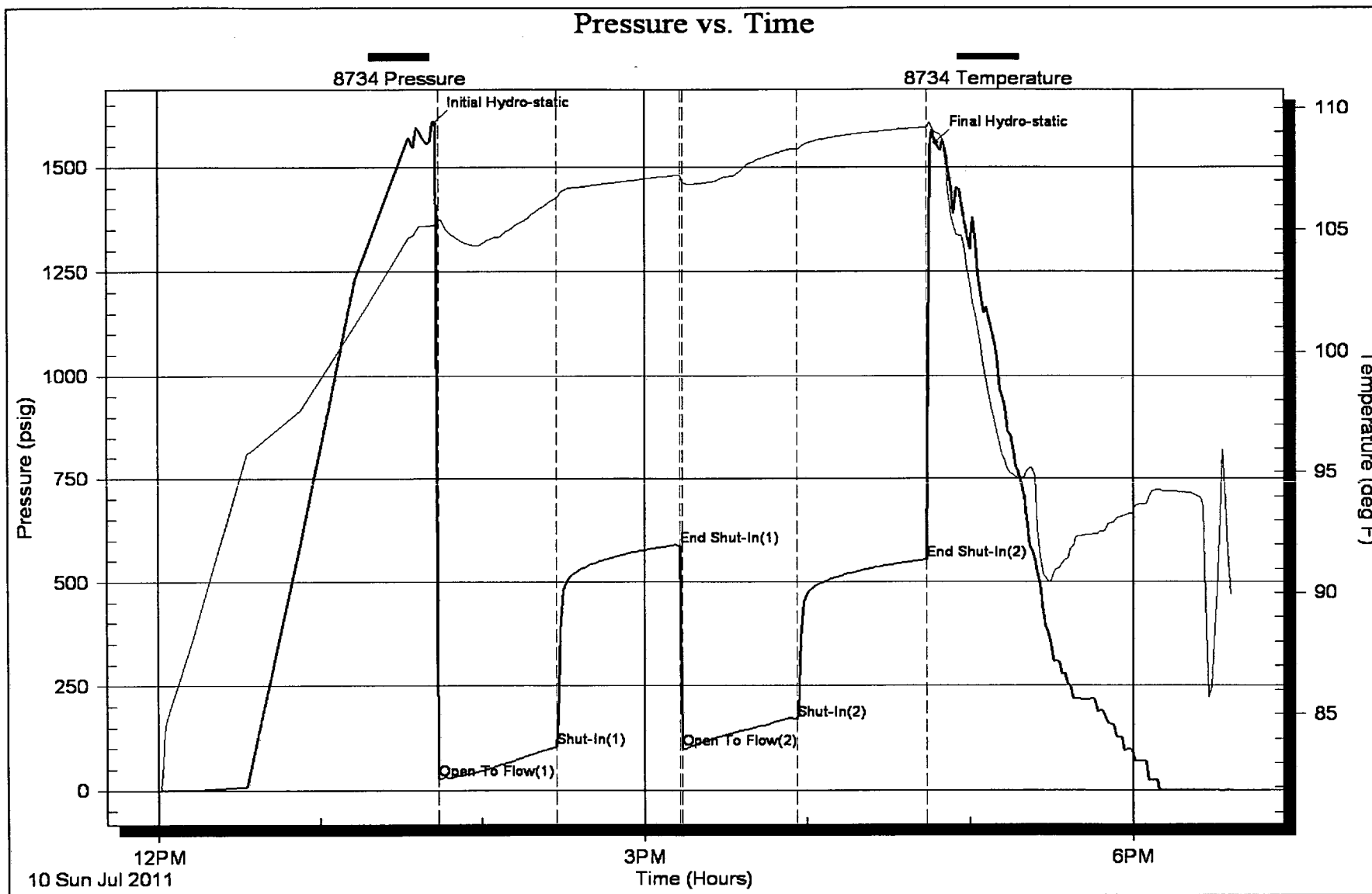
Test Start: 2011.07.10 @ 12:00:47

### Gas Rates Information

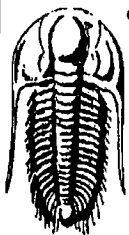
Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	30	0.13	1.50	5.95
1	35	0.13	2.00	6.14
1	40	0.13	3.50	6.70
1	45	0.13	5.50	7.45
2	5	0.13	0.00	5.39
2	10	0.13	0.00	5.39
2	15	0.13	0.50	5.58
2	20	0.13	1.50	5.95
2	25	0.13	1.50	5.95
2	30	0.13	2.50	6.33
2	35	0.13	5.00	7.26
2	40	0.13	5.00	7.26
2	45	0.13	5.00	7.26
0	-	-999999.00	-999999.00	-999999.00







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Tengasco, Inc.  
1327 Noose Rd.  
PO Box 458  
Hays, Ks 6701  
ATTN: Mike Bair

**Hemmeke #3**  
**2-19-12/Barton, Ks**  
Job Ticket: 43419      DST#: 2  
Test Start: 2011.07.11 @ 13:05:25

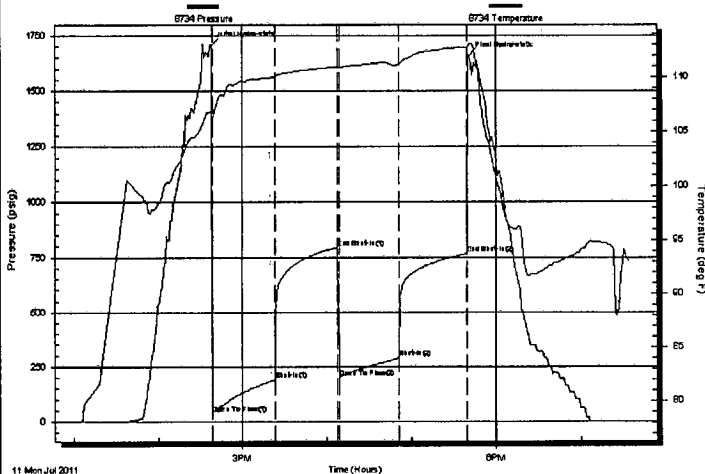
## GENERAL INFORMATION:

Formation: **Cong**  
 Deviated: No    Whipstock:                      ft (KB)  
 Time Tool Opened: 14:38:55  
 Time Test Ended: 19:34:55  
 Interval: **3364.00 ft (KB) To 3398.00 ft (KB) (TVD)**  
 Total Depth: **3398.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 1810.00 ft (KB)  
 1805.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8734      Outside**  
 Press@RunDepth: 288.52 psig @ 3370.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2011.07.11      End Date: 2011.07.11      Last Calib.: 2011.07.11  
 Start Time: 13:05:26      End Time: 19:34:55      Time On Btm: 2011.07.11 @ 14:37:55  
 Time Off Btm: 2011.07.11 @ 17:40:25

**TEST COMMENT:** IFP - BOB 4 min  
 ISI - no blow 4 min - sur blow back died 12 min  
 FFP - BOB 8 min  
 FSI - no blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.26	106.79	Initial Hydro-static
1	38.81	106.08	Open To Flow (1)
46	192.53	109.95	Shut-In(1)
90	794.44	110.91	End Shut-In(1)
91	201.64	110.76	Open To Flow (2)
133	288.52	111.10	Shut-In(2)
181	765.37	112.68	End Shut-In(2)
183	1658.54	112.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	SGOCM 15%G, 5%O, 80%M	0.21
105.00	GOCM 15%G, 10%O, 75%M	1.47
90.00	GMO 20%G, 40%O, 40%M	1.26
520.00	FREE OIL 95%O, 5%M	7.29
0.00	170' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Tengasco, Inc.

**Hemmeke #3**

1327 Noose Rd.  
PO Box 458  
Hays, Ks 6701  
ATTN: Mike Bair

**2-19-12/Barton, Ks**

Job Ticket: 43419

**DST#: 2**

Test Start: 2011.07.11 @ 13:05:25

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 57.00 sec/qt  
Water Loss: 7.60 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5400.00 ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 38 deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	SGOCM 15%G, 5%O, 80%M	0.210
105.00	GOCM 15%G, 10%O, 75%M	1.473
90.00	GMO 20%G, 40%O, 40%M	1.262
520.00	FREE OIL 95%O, 5%M	7.294
0.00	170' GIP	0.000

Total Length: 730.00 ft      Total Volume: 10.239 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

