

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

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

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: Clayton Erickson
Purchaser: Coffeyville Resources

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 #: _____
3-13-12 3-19-12 4-16-12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 163-24010-00-00
Spot Description: _____
NE NE NE Sec. 28 Twp. 8 S. R. 19 East West
330 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Veverka C Well #: 6
Field Name: Webster
Producing Formation: Arbuckle
Elevation: Ground: 2004 Kelly Bushing: 2011
Total Depth: 3555 Plug Back Total Depth: 3513'
Amount of Surface Pipe Set and Cemented at: 263' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1463' Feet
If Alternate II completion, cement circulated from: 1463'
feet depth to: surface w/ 250 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 61000 ppm Fluid volume: 500 bbls
Dewatering method used: Hauled to SWD
Location of fluid disposal if hauled offsite:
Operator Name: Tengasco, Inc.
Lease Name: Mosher License #: 32278
Quarter SW Sec. 33 Twp. 8 S. R. 18 East West
County: Rooks Permit #: D-20,839

**RECEIVED
MAY 15 2012**

KCC WICHITA

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: 5-14-12

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: 5/21/12

Operator Name: Tengasco, Inc. Lease Name: Veverka C Well #: 6
 Sec. 28 Twp. 8 S. R. 19 East West County: Rooks

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Density Neutron/PE, Micro, CBL/GR	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1445</td> <td>+566</td> </tr> <tr> <td>Topeka</td> <td>2952</td> <td>-941</td> </tr> <tr> <td>Heebner</td> <td>3160</td> <td>-1149</td> </tr> <tr> <td>Tronto</td> <td>3183</td> <td>-1172</td> </tr> <tr> <td>Lansing</td> <td>3200</td> <td>-1189</td> </tr> <tr> <td>BKC</td> <td>3417</td> <td>-1406</td> </tr> <tr> <td>Arbuckle</td> <td>3446</td> <td>-1546'</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhydrite	1445	+566	Topeka	2952	-941	Heebner	3160	-1149	Tronto	3183	-1172	Lansing	3200	-1189	BKC	3417	-1406	Arbuckle	3446	-1546'
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																										
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Lansing	3200	-1189																										
BKC	3417	-1406																										
Arbuckle	3446	-1546'																										

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#	263'	Com	170	3% CC 2% Gel
Production	7-7/8"	5-1/2"	14#	3555'	ASC	150	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	3444-50'	850 gal 15% Ne	

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TUBING RECORD:		Size: <u>2-7/8"</u>	Set At: <u>3461'</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>4-19-12</u>		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>5</u>	Gas Mcf	Water Bbls. <u>320</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) _____	PRODUCTION INTERVAL: <u>Arbuckle 3444-50'</u>
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ALLIED OIL & GAS SERVICES I.LC 056356

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

SERVICE POINT:
Russell, Ks,

DATE <u>3-13-2012</u>	SEC. <u>27</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 AM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Verreux</u>	WELL# <u>6</u>	LOCATION <u>Zunch Ks 7" west side</u>			COUNTY <u>Neosho</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle Rig #2

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 263

CASING SIZE 8 5/8 DEPTH 261

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15.84 bbl

OWNER _____

CEMENT AMOUNT ORDERED 170 s x C. om

2% cc

2% gel

COMMON	<u>170 s x</u>	@	<u>16.25</u>	<u>2762.50</u>
POZMIX		@		
GEL	<u>3 s x</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6 gal</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>1.79 Total</u>	@	<u>2.25</u>	<u>402.75</u>
MILEAGE	<u>58 for mile</u>			<u>1142.02</u>
TOTAL				<u>4720.22</u>

EQUIPMENT

417

PUMP TRUCK CEMENTER Wally Old / Glenn

328 417 HELPER Robert

BULK TRUCK

328 DRIVER Cody

BULK TRUCK

_____ DRIVER _____

REMARKS:

Run 6 joints 8 SD casing 23lbs

Set at 261'

Load hole and received circulation

Cement with 170 s x 3% gel, 2% gel

displaced 15.84 bbl. shut in at 300 lbs

Cement did circulate to surface

Thank You

CHARGE TO: Tengasco Inc,

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 261

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @ _____

MILEAGE 58 @ 7.00 406.00

MANIFOLD @ _____

58 lv. mi. @ 4.00 232.00

TOTAL 1763.00

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 Keith Karlin

SIGNATURE Keith Karlin

SALES TAX (If Any) 200.05

TOTAL CHARGES 6483.22

DISCOUNT 20/00 1830.65 IF PAID IN 30 DAYS

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MAY 15 2012
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ALLIED OIL & GAS SERVICES. LLC 056361

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

SERVICE POINT

J Russell Ksc

DATE <u>3-20-2012</u>	SEC. <u>28</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Verueka</u>	WELL # <u>C-10</u>	LOCATION <u>Zurich Ks. 7N W.D.M</u>			COUNTY <u>ROCKS</u>	STATE <u>Kansas</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR American Eagle Rig #2 OWNER _____

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 T.D. 3559' CEMENT _____

CASING SIZE 5 1/2 New 1H DEPTH 3559' AMOUNT ORDERED 180 SX ASC, 10% SALT

TUBING SIZE AFU INSERT DEPTH 3519' 2% GEL

DRILL PIPE DEPTH _____ 500 Gal mud FLUSH WFR-2

TOOL PORT Collar @ DEPTH 1466'

PRES. MAX MINIMUM COMMON @ _____

MEAS. LINE SHOE JOINT 37.69 POZMIX @ _____

CEMENT LEFT IN CSG. 37.69 GEL 1 SX @ 21.25 21.25

PERFS. CHLORIDE @ _____

DISPLACEMENT 85.27 / BBL ASC 180 SX @ 19.00 3420.00

EQUIPMENT SALT @ NC NC

WFR-2 MUD FLUSH 500 Gal @ 1.27 635.00

PUMP TRUCK CEMENTER Glen G.

417 HELPER ROBERT Y.

BULK TRUCK _____

481 DRIVER Cody H.

BULK TRUCK _____

DRIVER _____

HANDLING 204 @ 2.25 459.00

MILEAGE 57 10N Mile 204 x 57 x .11 1279.08

REMARKS: PORT COLLAR ON # 50 (1466) 1465' TOTAL 5814.33

Ran 85 JTS of New 14" / 5 1/2" CSG.
Set @ 3555, Received Circulation
Drop AFU-Ball, open insert @ 200 #,
Circulate 1 HR. on bottom, Pump Mud FLUSH
& Cement w/ 150 SX ASC, Clear-Line-
Release TRP, Displace 85.27 BBL to & LAND
@ 1,000 # Release & FLOAT - HELD
30 SX @ Patchline

SERVICE

DEPTH OF JOB 3555'

PUMP TRUCK CHARGE \$2225.00

EXTRA FOOTAGE @ _____

MILEAGE 57 H/MC @ 7.00 399.00

MANIFOLD 1 @ 200.00 NC

57 L/MC @ 4.00 228.00

TOTAL 2852.00

CHARGE TO: TENBESCO INC.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1-T.B.P. 73.00 73.00

1-Guide Shoe @ 240.00 240.00

1-AFU INSERT @ 236.00 236.00

5-Centralizers @ 49.00 245.00

1-Basket @ 337.00 337.00

1-Port Collar @ 2600.00 2600.00

TOTAL 3781.00

SALES TAX (if Any) _____

TOTAL CHARGES 12,447.33

DISCOUNT 20/50 3,061.29 IF PAID IN 30 DAYS

PRINTED NAME Kaitl Karli

SIGNATURE _____

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MAY 15 2012
KCC WICHITA

ALLIED OIL & GAS SERVICES, LLC 056382

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Passed

DATE <u>4-9-12</u>	SEC. <u>28</u>	TWP. <u>8 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Ververka</u>		WELL# <u>C-6</u>		LOCATION <u>Zurich Ks. 7N 4W</u>		COUNTY <u>ROCKS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Fisher Well Service OWNER _____
 TYPE OF JOB Circ. Cement on Port Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar @ DEPTH 1463'
 PRES. MAX 800# MINIMUM 200#
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 8.50 - base 7.50

CEMENT
 AMOUNT ORDERED USED 250.5x to 4 1/2 GEL
1/4 # FIO Seal PER 5x

COMMON <u>150</u> SA @ <u>16.25</u>	<u>2437.50</u>
POZMIX <u>100</u> SA @ <u>8.50</u>	<u>850.00</u>
GEL <u>10</u> SA @ <u>21.25</u>	<u>212.50</u>
CHLORIDE @	
ASC @	
<u>FIO Seal 63</u> LBS @ <u>2.70</u>	<u>170.10</u>
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
HANDLING <u>260</u> TONS @ <u>2.25</u>	<u>585.00</u>
MILEAGE <u>58</u> DN @ <u>11.00</u>	<u>638.00</u>
TOTAL	<u>5913.90</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Allen Co
 # 417 HELPER Woody O.
 BULK TRUCK
 # 481 DRIVER Cody H.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

PA TD @ 3511' 5 1/2 csg @ 3555' Port Collar @ 1463'
TEST CSg. To 800# (HOLD) OPEN PC, + Reviewed
CIRCULATION (Pumped 90 BBL DRLG. Mud)
Mixed 250 SA to 4 1/2 GEL 1/4 # FIO Seal, Dig placed
2 1/2 BBL, Closed Port Collar, + Check to
800# (HOLD), Ran 5 JT'S Tubing +
Washed clean. Cement did circulate
TO SURFACE! THANKS

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>1925.00</u>
EXTRA FOOTAGE @ _____	
MILEAGE <u>58</u> HY @ <u>7.00</u>	<u>406.00</u>
MANIFOLD <u>YES</u> @ _____	
<u>58</u> L/MI @ _____	<u>232.00</u>
_____ @ _____	
TOTAL	<u>2563.00</u>

CHARGE TO: TENGESCO Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

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

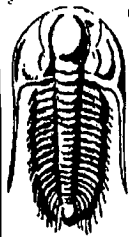
*STATE Rep: Pat PERERA (KCC) ON LOCATION,
 Cement DID circulate TO SURFACE!
 To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or
 contractor to do work as is listed. The above work was
 done to satisfaction and supervision of owner agent or
 contractor. I have read and understand the "GENERAL
 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE Kay Wagner

SALES TAX (If Any) 231.21
 TOTAL CHARGES 8476.90
 DISCOUNT 20/50 2384.42 IF PAID IN 30 DAYS

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 MAY 15 2012
 KCC WICHITA



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Tengasco, Inc.
 1327 Noose Rd
 PO Box 458
 Hays Ks 67601
 ATTN: Clayton Erickson

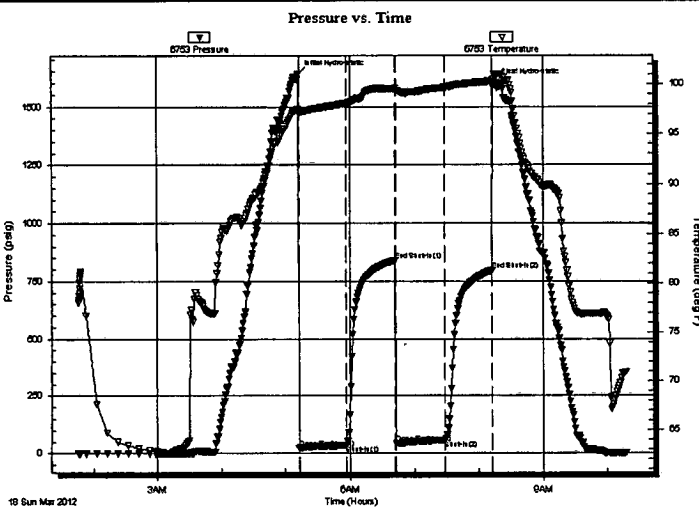
28-8-19, Rooks, KS
Veverka C #6
 Job Ticket: 46042 **DST#: 1**
 Test Start: 2012.03.18 @ 01:45:42

GENERAL INFORMATION:

Formation: **KC"H-K"**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 05:13:12
 Time Test Ended: 10:17:42
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Brett Dickinson**
 Unit No: **59**
 Interval: **3315.00 ft (KB) To 3406.00 ft (KB) (TVD)**
 Total Depth: **3406.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Reference Elevations: **2011.00 ft (KB)**
 2004.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 6753 **Inside**
 Press@RunDepth: **58.02 psig @ 3316.00 ft (KB)**
 Start Date: **2012.03.18** End Date: **2012.03.18**
 Start Time: **01:45:47** End Time: **10:17:41**
 Capacity: **8000.00 psig**
 Last Calib.: **2012.03.18**
 Time On Btm: **2012.03.18 @ 05:12:12**
 Time Off Btm: **2012.03.18 @ 08:15:12**

TEST COMMENT: IF-4in blow
 IS-No blow
 FF-1.25in blow
 FS-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.84	97.49	Initial Hydro-static
1	23.64	97.01	Open To Flow (1)
45	35.79	98.12	Shut-In(1)
90	839.45	99.59	End Shut-In(1)
91	43.52	99.38	Open To Flow (2)
136	58.02	99.69	Shut-In(2)
181	796.86	100.32	End Shut-In(2)
183	1598.83	101.02	Final Hydro-static

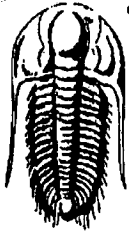
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Recovery

Length (ft)	Description	Volume (bbl)
75.00	VSOCM 2%O 98%M	1.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

28-8-19, Rooks, KS

1327 Noose Rd
PO Box 458
Hays Ks 67601
ATTN: Clayton Erickson

Veverka C #6

Job Ticket: 46042

DST#: 1

Test Start: 2012.03.18 @ 01:45:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	VSOCM 2%O 98%M	1.052

Total Length: 75.00 ft Total Volume: 1.052 bbl

Num Fluid Samples: 0

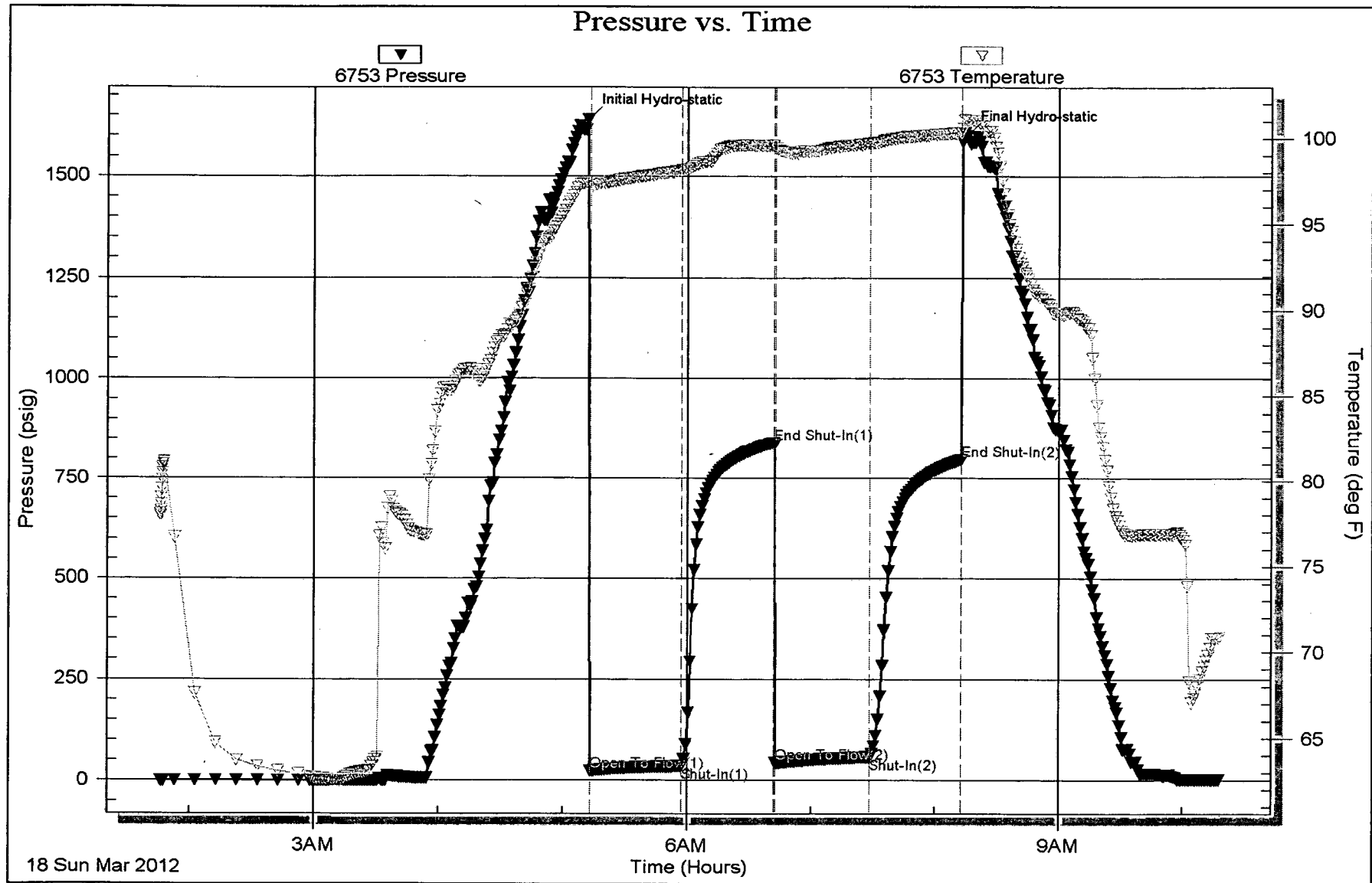
Num Gas Bombs: 0

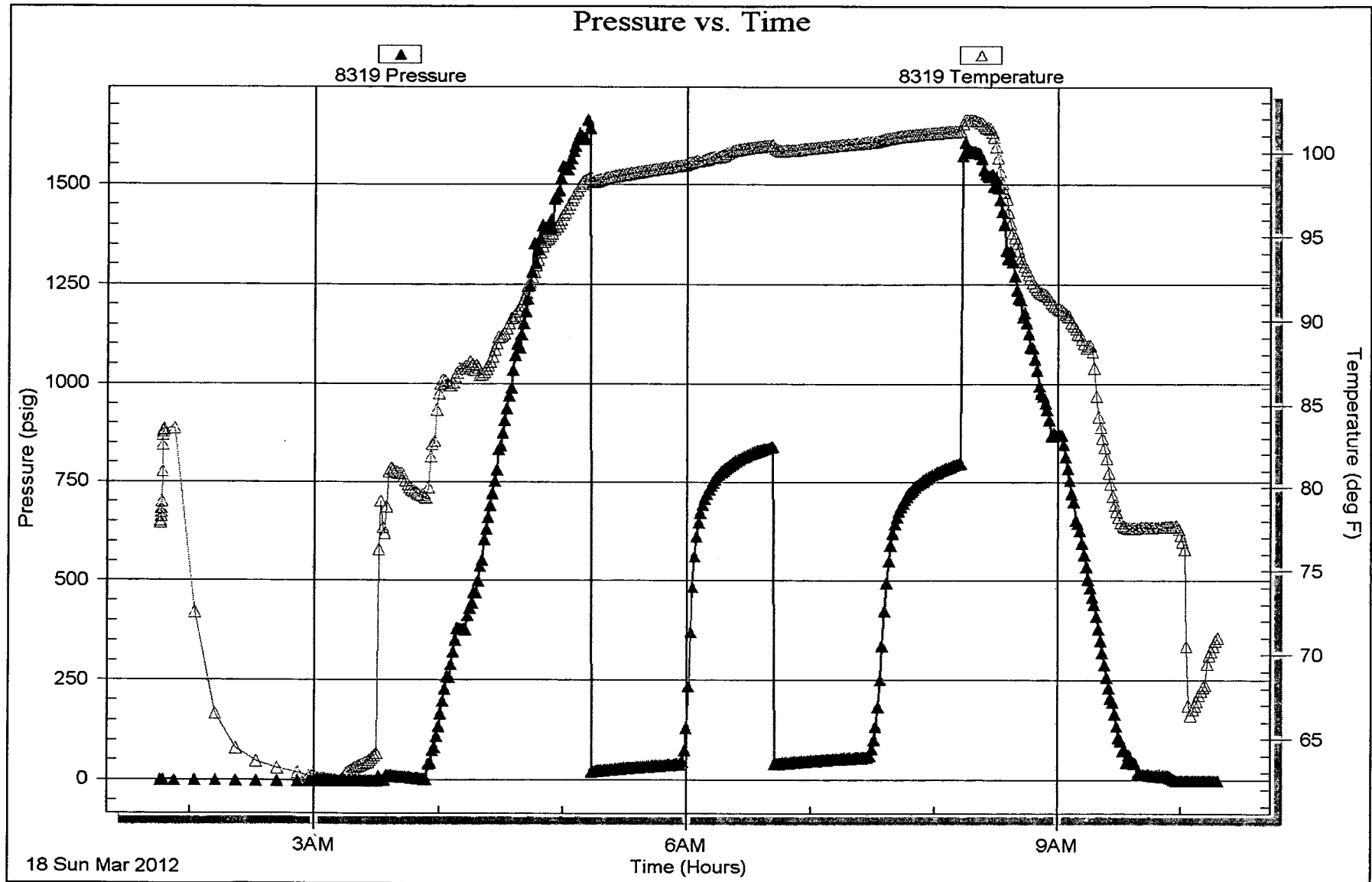
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tengasco, Inc.
1327 Noose Rd
PO Box 458
Hays Ks 67601
ATTN: Clayton Erickson

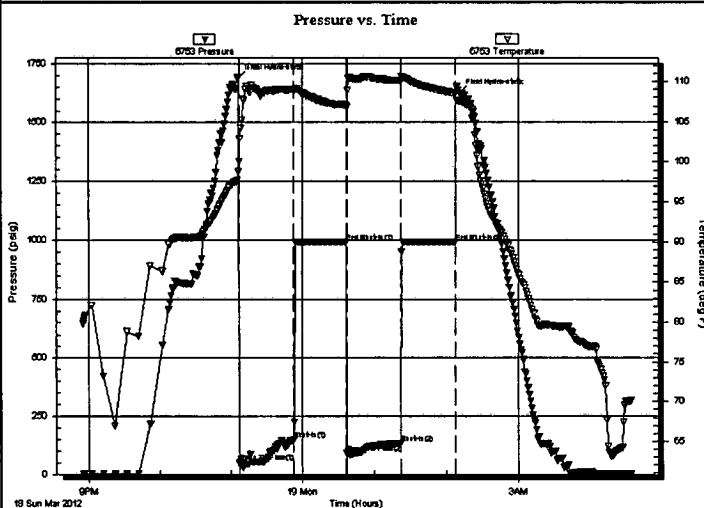
28-8-19, Rooks, KS
Veverka C #6
Job Ticket: 46043 **DST#: 2**
Test Start: 2012.03.18 @ 20:55:07

GENERAL INFORMATION:

Formation: **Arb.**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: **23:07:07**
Time Test Ended: **04:34:37**
Interval: **3446.00 ft (KB) To 3452.00 ft (KB) (TVD)**
Total Depth: **3452.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brett Dickinson**
Unit No: **59**
Reference Elevations: **2011.00 ft (KB)**
2004.00 ft (CF)
KB to GR/CF: **7.00 ft**

Serial #: 6753 **Inside**
Press@RunDepth: **133.53 psig @ 3447.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.03.18** End Date: **2012.03.19** Last Calib.: **2012.03.19**
Start Time: **20:55:12** End Time: **04:34:36** Time On Btm: **2012.03.18 @ 23:06:37**
Time Off Btm: **2012.03.19 @ 02:10:37**

TEST COMMENT: IF-BOB -17min
ISI-No Blow
FF-BOB in 19min
FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.75	98.76	Initial Hydro-static
1	52.73	100.05	Open To Flow (1)
47	148.92	108.93	Shut-In(1)
90	991.53	107.04	End Shut-In(1)
91	90.66	106.84	Open To Flow (2)
136	133.53	110.16	Shut-In(2)
181	991.40	108.57	End Shut-In(2)
184	1622.99	107.62	Final Hydro-static

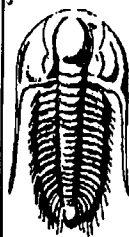
Recovery

Length (ft)	Description	Volume (bbl)
120.00	VSOCW 5%O 95%W	1.68
120.00	OCW 25%O 75%W	1.68
30.00	VSGO 5%G 95%O	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.
1327 Noose Rd
PO Box 458
Hays Ks 67601
ATTN: Clayton Erickson

28-8-19, Rooks, KS
Veverka C #6
Job Ticket: 46043 DST#: 2
Test Start: 2012.03.18 @ 20:55:07

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	22 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	55000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.79 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	VSOCW 5%O 95%W	1.683
120.00	OCW 25%O 75%W	1.683
30.00	VSGO 5%G 95%O	0.421

Total Length: 270.00 ft Total Volume: 3.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .15@65

