

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 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 LLC
Wellsite Geologist: Mike Bair
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 #: _____

1-4-11	1-11-11	1-24-11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23914-00-00

Spot Description: _____
W2_E2_SE Sec. 21 Twp. 8 S. R. 19 East West
1,320 Feet from North / South Line of Section
990 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Rooks
Lease Name: Veverka D Well #: 2
Field Name: Webster

Producing Formation: Arbuckle
Elevation: Ground: 1996 Kelly Bushing: 2003
Total Depth: 3513' Plug Back Total Depth: 3470
Amount of Surface Pipe Set and Cemented at: 264 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1421' 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: 18000 ppm Fluid volume: 165 bbls
Dewatering method used: Hauled to SWD
Location of fluid disposal if hauled offsite: _____
Operator Name: Tengasco, Inc.
Lease Name: Veverka C License #: 32278
Quarter NE Sec. 28 Twp. 8 S. R. 19 East West
County: Rooks Permit #: D-30289

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: 4-14-11

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____ **RECEIVED**
 Confidential Release Date: _____ **APR 15 2011**
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: _____
KCC WICHITA

Operator Name: Tengasco, Inc. Lease Name: Veverka D Well #: 2
 Sec. 21 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 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, Neutron Density/PE, Micro	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1423</td> <td>+580</td> </tr> <tr> <td>Topeka</td> <td>2951</td> <td>-948</td> </tr> <tr> <td>Heebner</td> <td>3159</td> <td>-1156</td> </tr> <tr> <td>Toronto</td> <td>3183</td> <td>-1180</td> </tr> <tr> <td>LKC</td> <td>3197</td> <td>-1194</td> </tr> <tr> <td>BKC</td> <td>3416</td> <td>-1413</td> </tr> <tr> <td>Arbuckle</td> <td>3439</td> <td>-1436</td> </tr> </table>	Name	Top	Datum	Anhydrite	1423	+580	Topeka	2951	-948	Heebner	3159	-1156	Toronto	3183	-1180	LKC	3197	-1194	BKC	3416	-1413	Arbuckle	3439	-1436
Name	Top	Datum																							
Anhydrite	1423	+580																							
Topeka	2951	-948																							
Heebner	3159	-1156																							
Toronto	3183	-1180																							
LKC	3197	-1194																							
BKC	3416	-1413																							
Arbuckle	3439	-1436																							

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#	264	Com	175	3% CC 2% Gel
Production	7-7/8"	5-1/2"	14#	3513'	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	Arb 3446-58'	1000 gal 15% MA	

RECEIVED
APR 15 2011

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3404'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. <u>2-2-11</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>1</u>	Gas Mcf _____	Water Bbls. <u>250</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>Arb 3446-58'</u>
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ALLIED CEMENTING CO., LLC. 034062

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>1-4-10</u>	SEC. <u>21</u>	TWP. <u>8 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:30 am</u>	JOB FINISH <u>11:00 p.m.</u>
LEASE <u>Vetverka</u>	WELL # <u>0 #2</u>	LOCATION <u>Zurich 7/4 N Winto</u>			COUNTY <u>Roos</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle Rig # 2

TYPE OF JOB Surface Job

HOLE SIZE 12 1/4 T.D. 266

CASING SIZE 8 5/8 DEPTH 266.14

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15,99

OWNER _____

CEMENT AMOUNT ORDERED 175 (on 39 cc 2864)

COMMON	<u>175</u>	@ <u>13.50</u>	<u>2362.50</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>6</u>	@ <u>51.50</u>	<u>309.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>175</u>	@ <u>2.25</u>	<u>393.75</u>
MILEAGE	<u>SR/12 mi</u>		<u>612.50</u>
TOTAL			<u>3758.75</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane

417 HELPER Ron

BULK TRUCK

410 DRIVER Mark

BULK TRUCK

_____ DRIVER _____

REMARKS:

Ran 6 jts. + landing jt.

Est Circulation.

Mixed 175 sts

Cement Circ.

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>3.5</u>	@ <u>7.00</u>	<u>245.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>1236.00</u>

CHARGE TO: Tengasco Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ RECEIVED

_____ @ APR 15 2011

_____ @ KCC WICHITA

Thanks!

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

ALLIED CEMENTING CO., LLC. 034071

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

SERVICE POINT:

Russell

DATE <u>1-11-18</u>	SEC. <u>21</u>	TWP. <u>85</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Veverka</u>	WELL # <u>Q #2</u>	LOCATION <u>Zurich 7/4 N Winto</u>			COUNTY <u>Rooks</u>	STATE <u>KS.</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle Ry #2
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3513'
 CASING SIZE 5 1/2 14" DEPTH 3514.84
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 1421
 PRES. MAX 1500 psi MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 36.60'
 PERFS. _____
 DISPLACEMENT 84.87 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 417 HELPER Heath
 BULK TRUCK _____
 # 378 DRIVER Woody
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

Put Hole 30' deep
Insert @ 3428.24
Mixed 150 skt down 5 1/2" shut
down. Washed Pump & Lines
Displaced 84.87 bbl
Loaded Plug @ 1500 psi
Float Held!

CHARGE TO: Tengasco
 STREET _____
 CITY _____ STATE _____ ZIP _____

Thanks!

To Allied Cementing Co., LLC.

OWNER _____

CEMENT
 AMOUNT ORDERED 180 ASC 10% Salt 2 1/2" 1
500 Gal WFR-2

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
ASC <u>150</u>	@ <u>16.20</u>	_____	<u>2505.00</u>
_____	@	_____	_____
<u>WFR 2 500 GAL</u>	@ <u>1.10</u>	_____	<u>550.00</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING <u>150</u>	@ <u>2.25</u>	_____	<u>337.50</u>
MILEAGE <u>SK/mi/10</u>	_____	_____	<u>525.00</u>
TOTAL			<u>3917.50</u>

SERVICE

DEPTH OF JOB _____	_____	_____
PUMP TRUCK CHARGE _____	_____	<u>1957.00</u>
EXTRA FOOTAGE _____	@	_____
MILEAGE <u>35</u>	@ <u>7.00</u>	<u>245.00</u>
MANIFOLD _____	@	_____
RECEIVED _____	@	_____
_____	@	_____

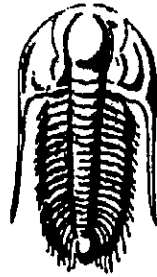
APR 15 2011

KCC WICHITA

TOTAL 2202.00

PLUG & FLOAT EQUIPMENT

<u>Rubber Plug</u>	_____	<u>43.00</u>
<u>Port Collar</u>	@	<u>1750.00</u>
<u>Guide Shoe</u>	@	<u>101.00</u>
<u>AFC Insert</u>	@	<u>112.00</u>
<u>5-Centrals</u>	@ <u>35.00</u>	<u>175.00</u>



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays, KS 67601

ATTN: Mike Bair

21-8s-19w Rooks KS

Veverka D #2

Start Date: 2011.01.08 @ 18:07:39

End Date: 2011.01.09 @ 00:53:54

Job Ticket #: 41285 DST #: 1

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APR 15 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Tengasco Inc.

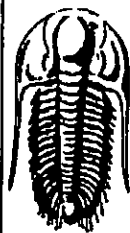
Veverka D #2

21-8s-19w Rooks KS

DST # 1

"H-J-K"

2011.01.08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41285 DST#: 1

ATTN: Mke Bair

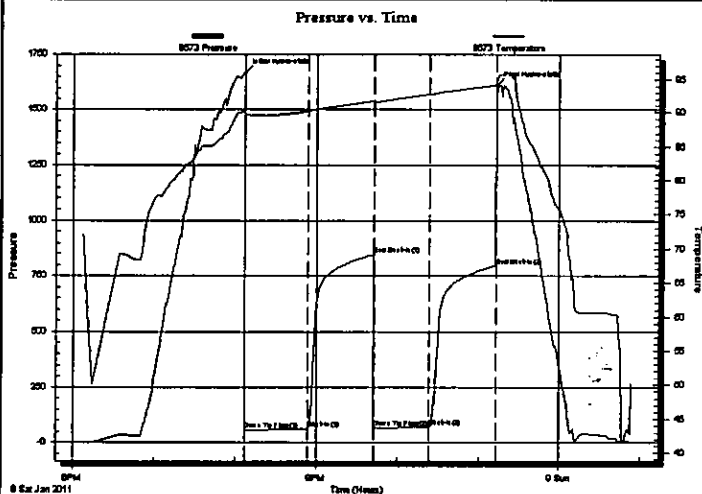
Test Start: 2011.01.08 @ 18:07:39

GENERAL INFORMATION:

Formation: "H-I-J-K"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:07:09
 Time Test Ended: 00:53:54
 Interval: 3315.00 ft (KB) To 3400.00 ft (KB) (TVD)
 Total Depth: 3400.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2003.00 ft (KB)
 1996.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8673 Inside
 Press@RunDepth: 72.64 psig @ 3382.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.01.08 End Date: 2011.01.09 Last Calib.: 2011.01.09
 Start Time: 18:07:41 End Time: 00:53:54 Time On Btm: 2011.01.08 @ 20:06:54
 Time Off Btm: 2011.01.08 @ 23:13:09

TEST COMMENT: IFP-Weak Blow ,Built to 3"
 IS-Dead
 FFP-Weak Blow ,Built to 2"
 FSI-Dead



PRESSURE SUMMARY

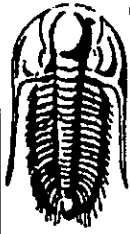
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1668.16	90.06	Initial Hydro-static
1	56.54	89.20	Open To Flow (1)
47	63.82	90.14	Shut-In(1)
96	845.84	91.75	End Shut-In(1)
96	66.84	91.34	Open To Flow (2)
137	72.64	92.74	Shut-In(2)
186	796.24	94.18	End Shut-In(2)
187	1612.80	94.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41285

DST#: 1

ATTN: Mike Bair

Test Start: 2011.01.08 @ 18:07:39

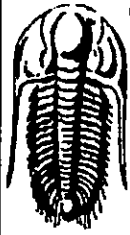
Tool Information

Drill Pipe:	Length: 3307.00 ft	Diameter: 3.80 inches	Volume: 46.39 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 46.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3315.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3288.00	
Shut In Tool	5.00			3293.00	
Hydraulic tool	5.00			3298.00	
Jars	5.00			3303.00	
Safety Joint	2.00			3305.00	
Packer	5.00			3310.00	28.00 Bottom Of Top Packer
Packer	5.00			3315.00	
Stubb	1.00			3316.00	
Perforations	1.00			3317.00	
Change Over Sub	1.00			3318.00	
Blank Spacing	63.00			3381.00	
Change Over Sub	1.00			3382.00	
Recorder	0.00	8673	Inside	3382.00	
Recorder	0.00	6755	Outside	3382.00	
Perforations	15.00			3397.00	
Bullnose	3.00			3400.00	85.00 Bottom Packers & Anchor
Total Tool Length:	113.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41285

DST#: 1

ATTN: Mike Bair

Test Start: 2011.01.08 @ 18:07:39

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

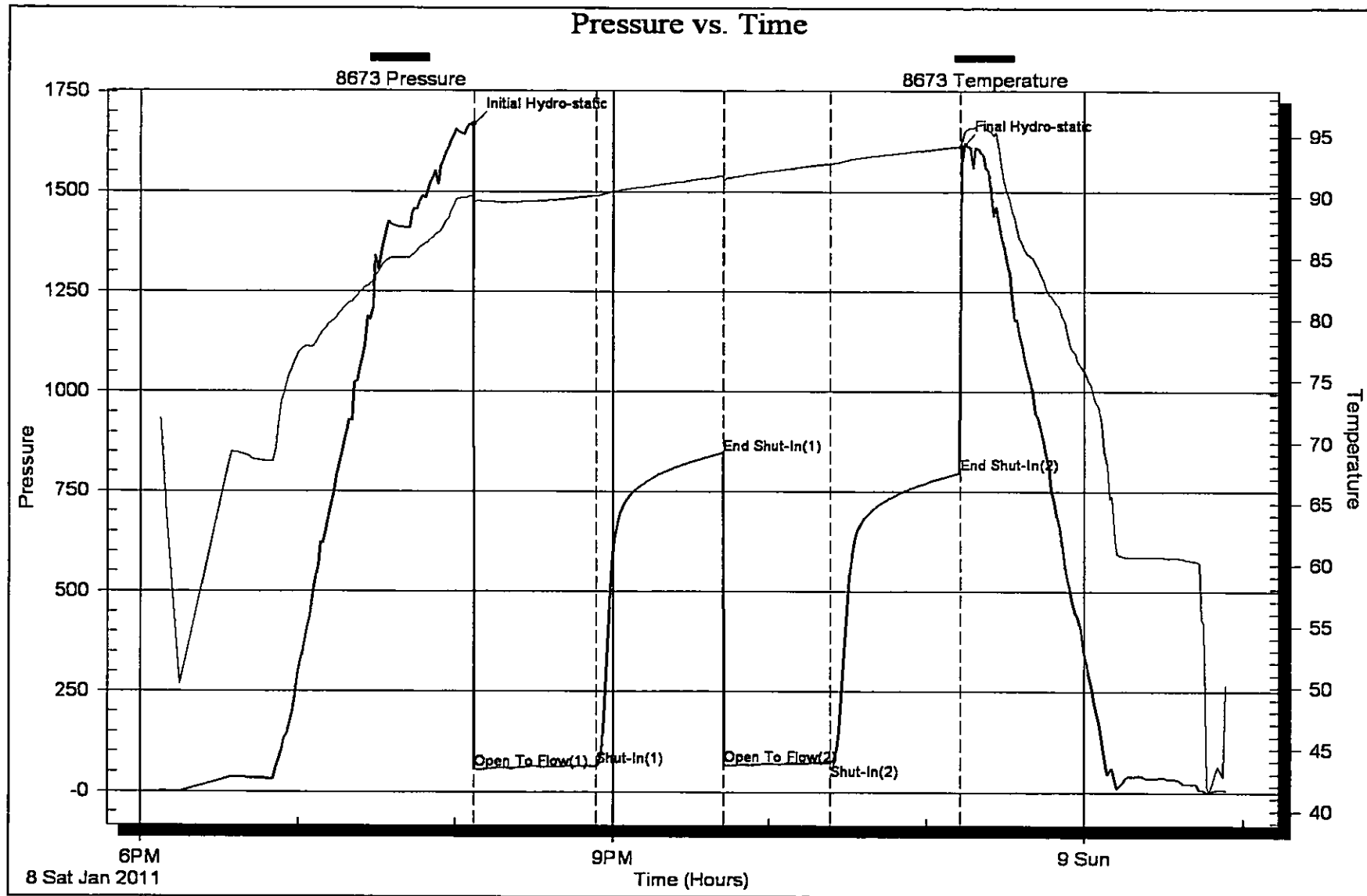
Num Gas Bombs: 0

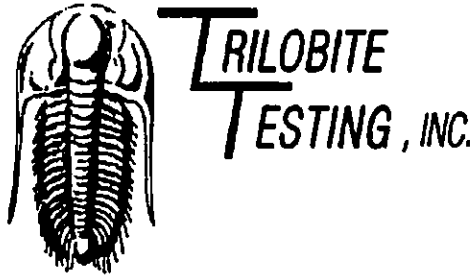
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays, KS 67601

ATTN: Mike Bair

21-8s-19w Rooks KS

Veverka D #2

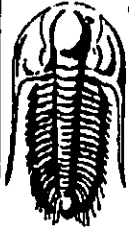
Start Date: 2011.01.09 @ 08:42:47

End Date: 2011.01.09 @ 15:48:47

Job Ticket #: 41286 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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APR 15 2011
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41286

DST#: 2

ATTN: Mke Bair

Test Start: 2011.01.09 @ 08:42:47

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: **10:42:47**
 Time Test Ended: **15:48:47**

Test Type: **Conventional Bottom Hole**
 Tester: **Jason McLemore**
 Unit No: **54**

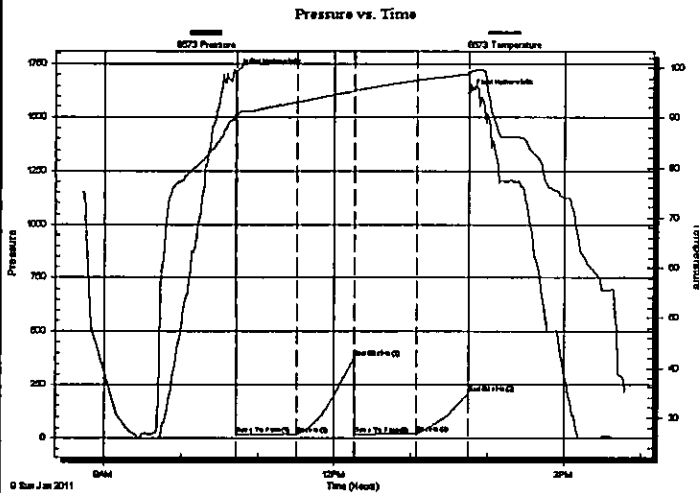
Interval: **3441.00 ft (KB) To 3448.00 ft (KB) (TVD)**
 Total Depth: **3448.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2003.00 ft (KB)**
1996.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: **8673** Inside
 Press@RunDepth: **20.50 psig @ 3442.00 ft (KB)**
 Start Date: **2011.01.09** End Date: **2011.01.09**
 Start Time: **08:42:49** End Time: **15:48:47**

Capacity: **8000.00 psig**
 Last Calib.: **2011.01.09**
 Time On Btm: **2011.01.09 @ 10:42:17**
 Time Off Btm: **2011.01.09 @ 13:45:17**

TEST COMMENT: **IFP-Weak Blow ,Built to 2-1/4"**
ISI-Dead
FFP-Weak,Built to 1-1/4"
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.29	90.55	Initial Hydro-static
1	18.60	90.02	Open To Flow (1)
48	18.95	92.97	Shut-In (1)
94	377.71	95.31	End Shut-In (1)
94	19.56	95.22	Open To Flow (2)
142	20.50	97.54	Shut-In (2)
183	209.32	98.78	End Shut-In (2)
183	1614.66	99.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	Clean Oil	0.11
7.00	OCM	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41286

DST#: 2

ATTN: Mike Bair

Test Start: 2011.01.09 @ 08:42:47

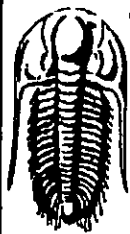
Tool Information

Drill Pipe:	Length: 3433.00 ft	Diameter: 3.80 inches	Volume: 48.16 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 48.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3441.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	35.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3414.00	
Shut In Tool	5.00			3419.00	
Hydraulic tool	5.00			3424.00	
Jars	5.00			3429.00	
Safety Joint	2.00			3431.00	
Packer	5.00			3436.00	28.00 Bottom Of Top Packer
Packer	5.00			3441.00	
Stubb	1.00			3442.00	
Recorder	0.00	8673	Inside	3442.00	
Recorder	0.00	6755	Outside	3442.00	
Perforations	3.00			3445.00	
Bullnose	3.00			3448.00	7.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41286

DST#: 2

ATTN: Mike Bair

Test Start: 2011.01.09 @ 08:42:47

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
8.00	Clean Oil	0.112
7.00	OCM	0.098

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

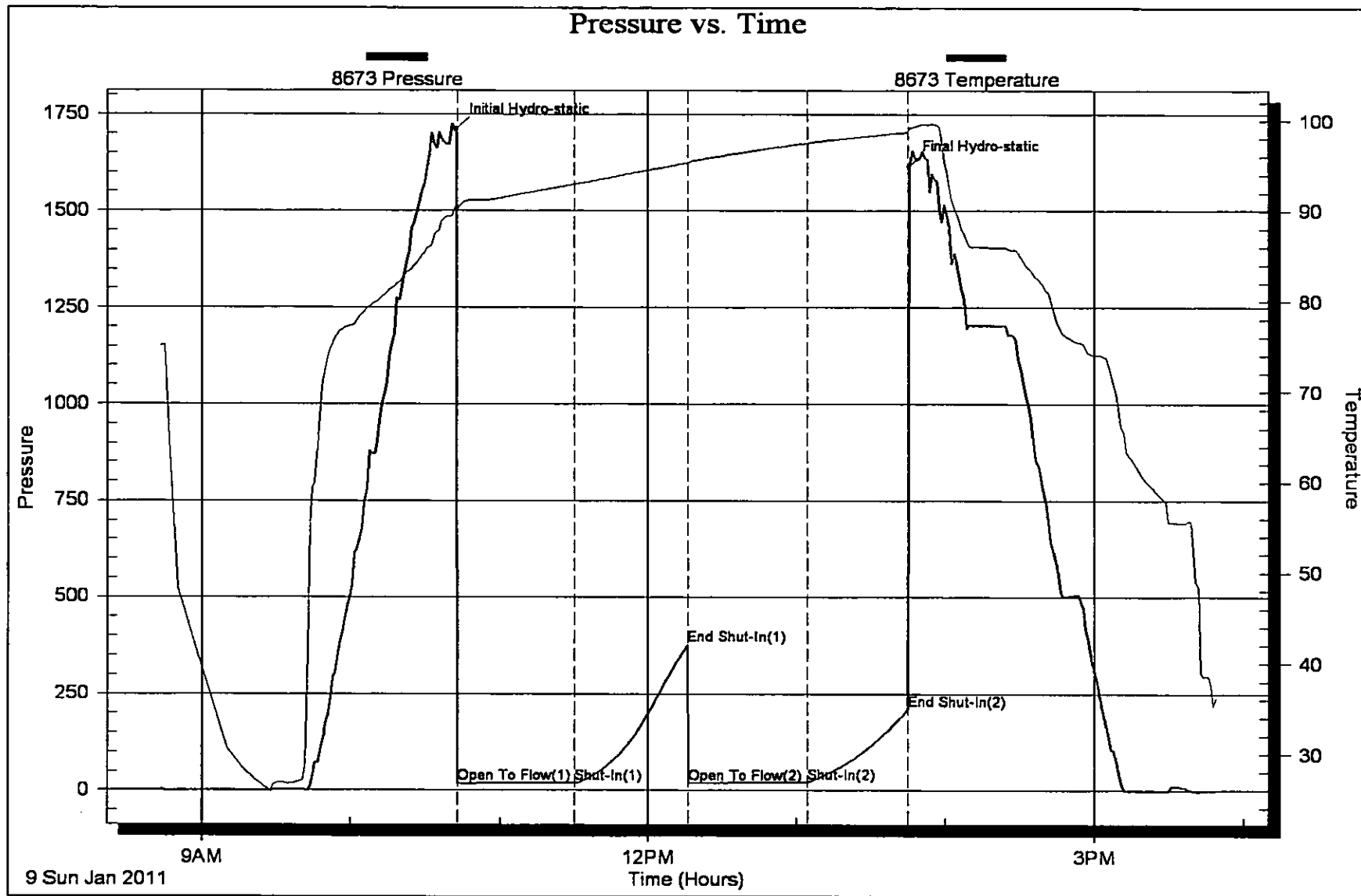
Num Gas Bombs: 0

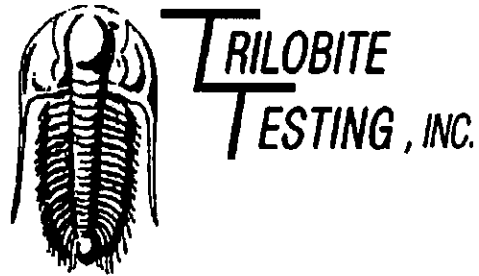
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays, KS 67601

ATTN: Mike Bair

21-8s-19w Rooks KS

Veverka D #2

Start Date: 2011.01.09 @ 20:57:51

End Date: 2011.01.10 @ 06:01:51

Job Ticket #: 41287 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Tengasco Inc.

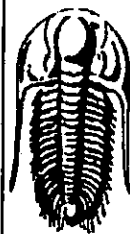
Veverka D #2

21-8s-19w Rooks KS

DST # 3

Arbuckle

2011.01.09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

ATTN: Mike Bair

Job Ticket: 41287 DST#: 3

Test Start: 2011.01.09 @ 20:57:51

GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:16:21
Time Test Ended: 06:01:51

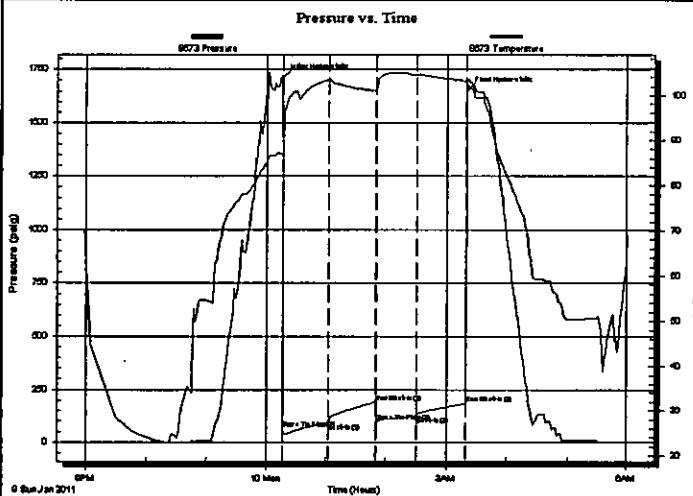
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 54

Interval: 3442.00 ft (KB) To 3453.00 ft (KB) (TVD)
Total Depth: 3453.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2003.00 ft (KB)
1996.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8673 Inside
Press@RunDepth: 123.84 psig @ 3443.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.09 End Date: 2011.01.10 Last Calib.: 2011.01.10
Start Time: 20:57:53 End Time: 06:01:51 Time On Btm: 2011.01.10 @ 00:15:51
Time Off Btm: 2011.01.10 @ 03:20:51

TEST COMMENT: FFP-Strong,BOB in 3 Min.
ISI-Dead
FFP-Fair Blow ,BOB in 25 Min.
FSI-Dead



PRESSURE SUMMARY

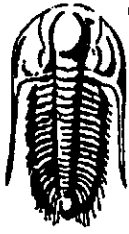
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.04	86.88	Initial Hydro-static
1	63.63	86.97	Open To Flow (1)
47	90.05	103.40	Shut-In(1)
94	190.90	101.04	End Shut-In(1)
95	95.53	101.10	Open To Flow (2)
136	123.84	104.55	Shut-In(2)
184	182.56	103.21	End Shut-In(2)
185	1654.79	103.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Clean Oil	2.10
50.00	OCM-20%O-80%M	0.70
70.00	Muddy WTR W/Oil Specks 2%O-93%W	50.98

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41287

DST#: 3

ATTN: Mike Bair

Test Start: 2011.01.09 @ 20:57:51

Tool Information

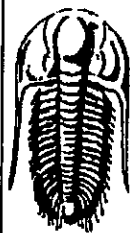
Drill Pipe:	Length: 3433.00 ft	Diameter: 3.80 inches	Volume: 48.16 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 48.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3442.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3415.00	
Shut In Tool	5.00			3420.00	
Hydraulic tool	5.00			3425.00	
Jars	5.00			3430.00	
Safety Joint	2.00			3432.00	
Packer	5.00			3437.00	28.00 Bottom Of Top Packer
Packer	5.00			3442.00	
Stubb	1.00			3443.00	
Recorder	0.00	8673	Inside	3443.00	
Recorder	0.00	6755	Outside	3443.00	
Perforations	7.00			3450.00	
Bullnose	3.00			3453.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Veverka D #2

PO Box 458
Hays, KS 67601

21-8s-19w Rooks KS

Job Ticket: 41287

DST#: 3

ATTN: Mike Bair

Test Start: 2011.01.09 @ 20:57:51

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
150.00	Clean Oil	2.104
50.00	OCM-20%O-80%M	0.701
70.00	Muddy WTR W/Oil Specks 2%O-93%W-5%M	0.982

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:

