

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

ORIGINAL

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
Wellsite Geologist: Mike Bair
Purchaser: NCRA

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: _____
 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>12-7-11</u>	<u>12-15-11</u>	<u>1-6-12</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22740-00-00
Spot Description: _____
NE NE SE NW Sec. 23 Twp. 15 S. R. 25 East West
1,400 Feet from North / South Line of Section
2,430 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Trego
Lease Name: Albers Well #: 3
Field Name: Good Science NE
Producing Formation: Mississippi
Elevation: Ground: 2513' Kelly Bushing: 2520'
Total Depth: 4665' Plug Back Total Depth: 4631'
Amount of Surface Pipe Set and Cemented at: 263' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1971' Feet
If Alternate II completion, cement circulated from: 1971'
feet depth to: surface w/ 225 sx _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 25000 ppm Fluid volume: 250 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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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: 2-21-12

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: 2/28/12

Operator Name: Tengasco, Inc. Lease Name: Albers Well #: 3
 Sec. 23 Twp. 15 S. R. 25 East West County: Trego

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 Wireline 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Compensated Resistivity, Density Neutron/ PE, Micro & EMI	<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>1960</td> <td>+560</td> </tr> <tr> <td>Heebner</td> <td>3835</td> <td>-1315</td> </tr> <tr> <td>Lansing</td> <td>3877</td> <td>-1357</td> </tr> <tr> <td>BKC</td> <td>4166</td> <td>-1646</td> </tr> <tr> <td>Ft Scott</td> <td>4368</td> <td>-1848</td> </tr> <tr> <td>Cherokee</td> <td>4392</td> <td>-1872</td> </tr> <tr> <td>Mississippi</td> <td>4469</td> <td>-4660</td> </tr> </table>	Name	Top	Datum	Anhydrite	1960	+560	Heebner	3835	-1315	Lansing	3877	-1357	BKC	4166	-1646	Ft Scott	4368	-1848	Cherokee	4392	-1872	Mississippi	4469	-4660
Name	Top	Datum																							
Anhydrite	1960	+560																							
Heebner	3835	-1315																							
Lansing	3877	-1357																							
BKC	4166	-1646																							
Ft Scott	4368	-1848																							
Cherokee	4392	-1872																							
Mississippi	4469	-4660																							

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	180	3%CC 2% Gel
Production	7-7/8"	5-1/2"	14#	4661'	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 checked="" type="checkbox"/> Plug Off Zone	4468-78'	Com	50	

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
6	4468-78'	Squeezed 12-30-11 w/ 50 sx	
6	4468-73	300 GAL 15% Ne	

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TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>4611'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR: <u>1-13-12</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>30</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) _____	PRODUCTION INTERVAL: <u>Mississippi 4468-73'</u>
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ALLIED CEMENTING CO., LLC. 038211

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

SERVICE POINT:
Russell Ks

DATE <u>12-2-2011</u>	SEC. <u>53</u>	TWP. <u>15S</u>	RANGE <u>25W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00AM</u>	JOB FINISH <u>7:30PM</u>
LEASE <u>ALBERS</u>	WELL # <u>3</u>	LOCATION <u>Collar Ks, 20 S,</u>			COUNTY <u>TREXO</u>	STATE <u>KANSAS</u>	
OLD OR (NEW) <input checked="" type="radio"/> (Circle one)		2' 1/2" E & S INTO					

CONTRACTOR <u>American Eagle Rig #2</u>	OWNER
TYPE OF JOB <u>Cement Surface</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	ID. <u>265'</u>
CASING SIZE <u>8 5/8 CSG</u>	DEPTH <u>263'</u>
TUBING SIZE <u>New 23#</u>	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15-20'</u>	
PERFS.	
DISPLACEMENT <u>110 BBL</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Glenn</u>	
# <u>417</u> HELPER <u>Woody</u>	
BULK TRUCK	
# <u>410</u> DRIVER <u>Bob Y.</u>	
BULK TRUCK	
# DRIVER	

COMMON <u>180</u>	@ <u>16.25</u>	<u>2925.00</u>
POZMIX	@	
GEL <u>38</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE <u>56</u>	@ <u>58.20</u>	<u>291.00</u>
ASC	@	
HANDLING <u>188</u>	@ <u>2.25</u>	<u>423.00</u>
MILEAGE <u>188/11/35</u>		<u>517.00</u>
TOTAL		<u>4219.75</u>

REMARKS:

Ran New JTS OF 8 5/8 23# CSG,
Set @ 263' Received CIRCULATION
Cement w/ 180sx Com 992
Displace 16 BBL/Hrs, Cement
did circulate to SURFACE
Shut in @ 300#.

[Signature]

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1125.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>HV 85</u>	@ <u>7.00</u>	<u>175.00</u>
MANIFOLD <u>LV 25</u>	@ <u>4.00</u>	<u>100.00</u>
TOTAL		<u>1400.00</u>

CHARGE TO: TENGASCO Inc.

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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 5619.75

DISCOUNT _____ IF PAID IN 30 DAYS

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KCC WICHITA

ALLIED CEMENTING CO., LLC. 035189

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

SERVICE POINT:
RUSSELL

DATE <u>12-16-11</u>	SEC. <u>23</u>	TWP. <u>15S</u>	RANGE <u>23W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 PM</u>	JOB FINISH <u>1 PM</u>
LEASE <u>ALBERS</u>	WELL # <u>3</u>	LOCATION <u>COLLYER KS-20 S.-2 1/2 E</u>			COUNTY <u>TRESCO</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>SOUTH INTO</u>			

CONTRACTOR AMERICAN DRILLING

TYPE OF JOB 5 1/2 PROD.

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH 4663.5

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH 1975

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20.42

PERFS.

DISPLACEMENT 110.5

OWNER

CEMENT

AMOUNT ORDERED 180 ASC

+20" RAT hole

COMMON <u>ASC 200</u>	@	<u>19.00</u>	<u>3800.00</u>
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
	@		
<u>SUPER FLUSH 500</u>	@	<u>1.27</u>	<u>635.00</u>
	@		
	@		
	@		
	@		
HANDLING <u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE <u>25 X 200 X .11</u>			<u>550.00</u>
TOTAL			<u>5435.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bob Smith

409 HELPER Todd

BULK TRUCK

378 DRIVER Robert

BULK TRUCK

DRIVER

REMARKS:

PORT COLLAR @ 1975 FT

THANK YOU. Bob Smith & CREW

CHARGE TO: TENGASCO

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>4663.5</u>			
PUMP TRUCK CHARGE			<u>2405.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>25</u>	@	<u>7.00</u>	<u>175.00</u>
MANIFOLD <u>1</u>	@	<u>200.00</u>	<u>200.00</u>
<u>LDV MILEAGE 25</u>	@	<u>4.00</u>	<u>100.00</u>
	@		

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TOTAL 2880.00

KCC WICHITA

PLUG & FLOAT EQUIPMENT

<u>1 Guide shoe</u>		<u>240.00</u>	<u>240.00</u>
<u>1 INSERT FLOAT</u>	@	<u>286.00</u>	<u>286.00</u>
<u>1 TOP RUBBER PLUG</u>	@	<u>73.00</u>	<u>73.00</u>
<u>1 PORT COLLAR</u>	@	<u>2600.00</u>	<u>2600.00</u>
<u>3 BASKETS</u>	@	<u>337.00</u>	<u>1011.00</u>
<u>1. NO. TAPERS</u>	@	<u>49.00</u>	<u>294.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO.. LLC. 034527

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

SERVICE POINT Russell Ks.

DATE <u>12-30-2011</u>	SEC. <u>23</u>	TWP. <u>15s</u>	RANGE <u>25w</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30 PM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>ALBERS</u>	WELL # <u>3</u>	LOCATION <u>Wakeeney Ks. 20s 10w</u>			COUNTY <u>rego</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>Fisher Well Service (FRANKS)</u>		OWNER
TYPE OF JOB <u>Squeeze (PERF. MISS)</u>		CEMENT
HOLE SIZE	T.D.	AMOUNT ORDERED <u>50 SK Comm.</u>
CASING SIZE <u>5 1/2</u>	DEPTH	
TUBING SIZE <u>2 7/8</u>	DEPTH	
DRILL PIPE	DEPTH <u>Packer @</u>	
TOOL Y-PORT -	DEPTH <u>4334</u>	
PRES. MAX	MINIMUM	
MEAS. LINE	SHOE JOINT	
CEMENT LEFT IN CSG. <u>134</u>	<u>TO TOP OF PERF</u>	
PERFS. <u>@ 4468 - 4478</u>		
DISPLACEMENT <u>7.25</u>	<u>C-3.25</u>	
EQUIPMENT		
PUMP TRUCK CEMENTER <u>Glen</u>		
# <u>409</u>	HELPER <u>Todd</u>	
BULK TRUCK		
# <u>410</u>	DRIVER <u>Tony</u>	
BULK TRUCK		
#	DRIVER	

COMMON	<u>50 SK</u>	@	<u>16.25</u>	<u>812.50</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>50</u>	@	<u>7.00</u>	<u>350.00</u>
MILEAGE	<u>53</u>			<u>291.50</u>
				TOTAL <u>1448.00</u>

REMARKS:

PBTD @ 4631' Perf @ 4468-4478
Set Packer @ 4334' Pressure Backside to
500#/Hd) Top Injection Rate of
1 BPM @ 500# Mixed 50 SK Comm.
Cement Gline-Line, + Displaced a TOTAL
of BBL/ Squeezed to 800# (Hd)
Release Packer & WASHED CLEAN, Came
OUT OF Hole.
GOT APPROX 20 SK Cement IN PERF.

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1050.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>53</u>	@	<u>7.00</u> <u>371.00</u>
MANIFOLD	@	
<u>LV MT 53</u>	@	<u>4.00</u> <u>212.00</u>
TOTAL <u>1633.00</u>		

CHARGE TO: TEXGASCO INC.

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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES 3081.00

DISCOUNT _____ IF PAID IN 30 DAYS

RECEIVED
 FEB 22 2012
 KCC WICHITA

ALLIED CEMENTING CO., LLC. 038224

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell Ks.

DATE <u>2-28-2011</u>	SEC. <u>23</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00pm</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>ALBERS</u>	WELL# <u>3</u>	LOCATION <u>Wakeeney Ks. 20 S (RD 08)</u>			COUNTY <u>rego</u>	STATE <u>Kansas</u>	
OLD OR (NEW) Circle one				<u>10 W (RD 10) 1/4 3/4 W 1/2 S T12D</u>			

CONTRACTOR <u>Fisher Well Service (Francis)</u>	OWNER
TYPE OF JOB <u>Port Collar (Circulate Cement)</u>	CEMENT <u>225</u>
HOLE SIZE <u>PR.D. 4631</u>	AMOUNT ORDERED <u>800 SX 40 48 GEL</u>
CASING SIZE <u>5 1/2</u>	<u>14" DEPTH</u>
TUBING SIZE <u>2 7/8</u>	<u>DEPTH</u>
DRILL PIPE	<u>DEPTH</u>
TOOL <u>Port Collar @</u>	<u>DEPTH 1971'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>T- 11.40 / BBL (10.2 BBL)</u>	
EQUIPMENT	

PUMP TRUCK	CEMENTER <u>Calvin</u>
# <u>417</u>	HELPER <u>Woody</u>
BULK TRUCK	
# <u>423</u>	DRIVER <u>Tony</u>
BULK TRUCK	
#	DRIVER

COMMON	<u>135 SX</u>	@ <u>16.25</u>	<u>2193.75</u>
POZMIX	<u>40 SX</u>	@ <u>2.50</u>	<u>100.00</u>
GEL	<u>18 SX</u>	@ <u>21.25</u>	<u>382.50</u>
CHLORIDE		@	
ASC		@	
FIO-Seal	<u>57 LBS</u>	@ <u>2.70</u>	<u>153.90</u>
HANDLING	<u>243</u>	@ <u>2.25</u>	<u>546.75</u>
MILEAGE	<u>53 Ten Mile</u>	@ <u>11¢</u>	<u>1416.69</u>
			TOTAL <u>5458.59</u>

REMARKS:

(P.C.)
Test CSG. & Tools To 1,000' (Held)
Open P.C. & Received Very Good Circulation, Mix
10 SX Gel. Followed by 225 SX Cement. Displace
10 1/2 BBL H2O. Close Port Collar, & Check To
800# (Held). Ran 5 JTS 2 7/8 & Wash
Clean. Shut Way 25 BBL. Core out of
Hole w/ P.C. Opening Tool.
Cement did circulate to HANK'S
Surface

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>1925.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>53 HV MI.</u>	@ <u>7.00</u>	<u>371.00</u>
MANIFOLD <u>P.C. Opening Tool</u>	@	<u>N.C.</u>
<u>53 LV MI.</u>	@ <u>4.00</u>	<u>212.00</u>

CHARGE TO: TexGASCO Inc.

TOTAL 2508.00

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

* State Rep. MARVIN MILL'S (KCC)
ON Location. Cement did circulate
to surface w/ 225 SX 40 48 GEL 1/4 #FIO-Seal
per SX.

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.

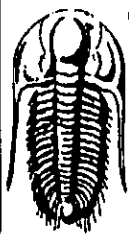
	@	
	@	
	@	
	@	
	@	
TOTAL _____		

PRINTED NAME _____

SALES TAX (If Any) _____
TOTAL CHARGES 7966.59
DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Steve Wagner

RECEIVED
FEB 22 2012
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tengasco, Inc.

23-15-25 Trego, Ks

1327 Moose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

Albers #3

Job Ticket: 44747

DST#: 1

Test Start: 2011.12.14 @ 12:57:41

GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:59:41

Time Test Ended: 20:31:41

Test Type: Conventional Bottom Hole (Initial)

Tester: Brian Fairbank

Unit No: 41

Interval: 4439.00 ft (KB) To 4492.00 ft (KB) (TVD)

Total Depth: 4492.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2520.00 ft (KB)

2513.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8734 Outside

Press@RunDepth: 271.96 psig @ 4474.00 ft (KB)

Start Date: 2011.12.14

End Date:

2011.12.14

Capacity: 8000.00 psig

Last Calib.: 2011.12.14

Start Time: 12:57:42

End Time:

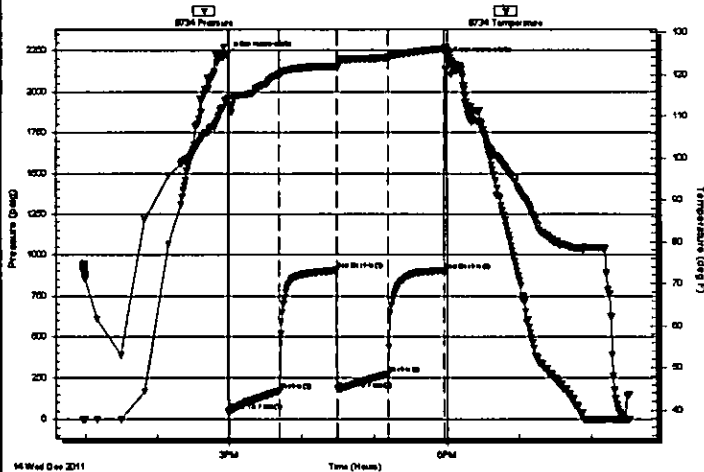
20:31:41

Time On Btm: 2011.12.14 @ 14:58:11

Time Off Btm: 2011.12.14 @ 18:00:41

TEST COMMENT: IFP - BOB 8 min
ISI - 1 1/4" blow back - died 12 min
FFP - BOB 11 min
FSI - 1" blow back - died 14 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2220.66	114.01	Initial Hydro-static
2	47.17	113.95	Open To Flow (1)
44	169.85	120.07	Shut-In(1)
91	908.43	121.78	End Shut-In(1)
92	179.85	121.56	Open To Flow (2)
134	271.96	123.96	Shut-In(2)
180	904.02	125.98	End Shut-In(2)
183	2184.84	125.65	Final Hydro-static

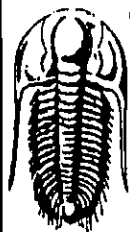
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KCC WICHITA

Recovery

Length (ft)	Description	Volume (bbl)
245.00	GHOCM 35%G, 50%O, 15%M	3.44
125.00	GMCO 15%G, 75%O, 10%M	1.75
285.00	FREE OIL 95%O, 5%M	4.00
0.00	365' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

23-15-25 Trego, Ks

1327 Noose Rd.
PO Box 458
Hays, Ks 67601
ATTN: Mike Bair

Albers #3

Job Ticket: 44747

DST#: 1

Test Start: 2011.12.14 @ 12:57:41

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.99 in*

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

40 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
245.00	GHOCM 35%G, 50%O, 15%M	3.437
125.00	GMCO 15%G, 75%O, 10%M	1.753
285.00	FREE OIL 95%O, 5%M	3.998
0.00	365' GIP	0.000

Total Length: 655.00 ft Total Volume: 9.188 bbl

Num Fluid Samples: 0

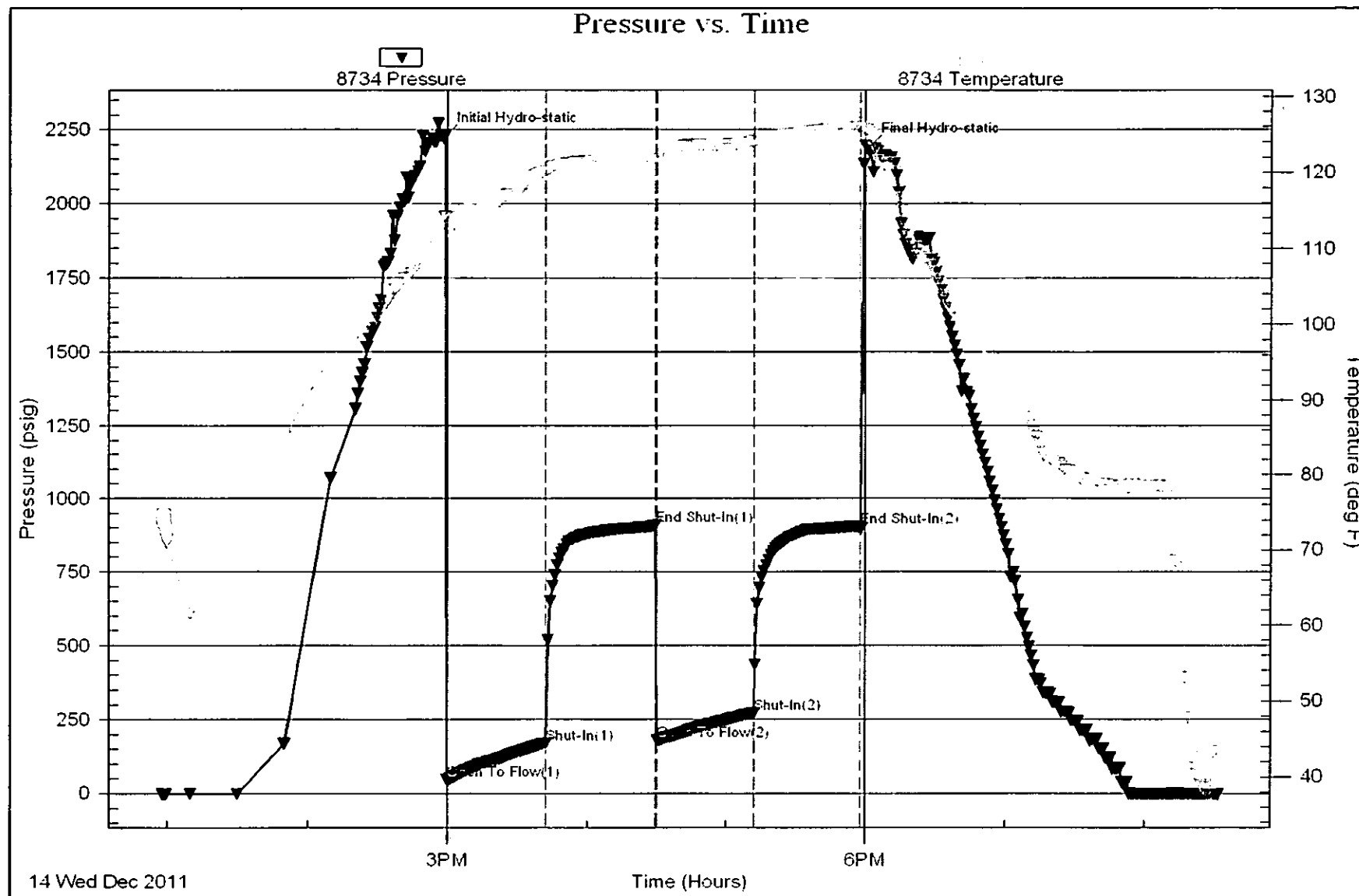
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



14 Wed Dec 2011