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KCC WICHITA

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) 625-634
CONTRACTOR: License # 33493
Name: American Eagle Drilling LLC
Wellsite Geologist: Mike Bair
Purchaser: Coffeyville Resources

Designate Type of Completion:

- Checkboxes for completion types: New Well, Re-Entry, Workover, Oil, Gas, OG, CM, Cathodic, etc.

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:
Checkboxes for completion details: Deepening, Re-perf, Conv. to ENHR, etc.

7-20-11 Spud Date or Recompletion Date
7-26-11 Date Reached TD
8-4-11 Completion Date or Recompletion Date

API No. 15 - 065-23738-00-00
Spot Description:
S2_NW_NW_NE Sec. 4 Twp. 10 S. R. 21
566 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
County: Graham
Lease Name: DeYoung Well #: 7
Field Name: Cooper
Producing Formation: Arbuckle
Elevation: Ground: 2301' Kelly Bushing: 2308'
Total Depth: 3960' Plug Back Total Depth: 3933'
Amount of Surface Pipe Set and Cemented at: 264' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1776' Feet
If Alternate II completion, cement circulated from: 1776'
feet depth to: surface w/ 300 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)
Chloride content: 19000 ppm Fluid volume: 225 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 #:

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: 9-15-11

KCC Office Use ONLY

- Checkboxes for office use: Letter of Confidentiality Received, Confidential Release Date, Wireline Log Received, Geologist Report Received, UIC Distribution, Approved by: dg Date: 9/19/11

Operator Name: Tengasco, Inc. Lease Name: DeYoung Well #: 7
 Sec. 4 Twp. 10 S. R. 21 East West County: Graham

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, Density Neutron/PE, Micro & CBL/GR	<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>1770</td> <td>+538</td> </tr> <tr> <td>Topeka</td> <td>3698</td> <td>-990</td> </tr> <tr> <td>Heebner</td> <td>3508</td> <td>-1200</td> </tr> <tr> <td>Toronto</td> <td>3533</td> <td>-1223</td> </tr> <tr> <td>Arbuckle</td> <td>3870</td> <td>-1562</td> </tr> <tr> <td>RTD</td> <td>3960</td> <td>-1652</td> </tr> </table>	Name	Top	Datum	Anhydrite	1770	+538	Topeka	3698	-990	Heebner	3508	-1200	Toronto	3533	-1223	Arbuckle	3870	-1562	RTD	3960	-1652
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RTD	3960	-1652																				

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	170	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	3958'	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 <i>(Amount and Kind of Material Used)</i>	Depth
6	3871-75'		

TUBING RECORD:	Size: 2-7/8"	Set At: 3912'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. 8-9-11		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. 80	Gas Mcf	Water Bbls. 10	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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arbuckle 3871-75'</u>
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ALLIED CEMENTING CO., LLC. 038135

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

SERVICE POINT:
Russell, Ks.

DATE <u>8-3-2011</u>	SEC. <u>4</u>	TWP. <u>10S</u>	RANGE <u>2W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Daylong</u>	WELL # <u>7</u>	LOCATION <u>CHURCH OF GOD IS</u>			COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>1/2 W 1/4 S 1/4 E TWD</u>					

CONTRACTOR Fisher Well Service OWNER _____
 TYPE OF JOB Cement Post Collar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Post Collar @ DEPTH 1776
 PRES. MAX 800 # MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

CEMENT AMOUNT ORDERED 300 sq ft 4 3/4 GEL
1/4 # FLO - SEAL PRESS

COMMON	<u>150</u>	@	<u>16.25</u>	<u>2437.50</u>
POZMIX	<u>120</u>	@	<u>8.50</u>	<u>1020.00</u>
GEL	<u>10</u>	@	<u>21.25</u>	<u>212.50</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>	<u>75</u>	@	<u>2.70</u>	<u>202.50</u>
HANDLING	<u>310</u>	@	<u>2.25</u>	<u>697.50</u>
MILEAGE	<u>11.56/mi</u>			<u>852.50</u>
TOTAL				<u>5910.00</u>

REMARKS:

Post Collar @ 1776'. Test CSG. +
pc to BOOT (HELD) OPEN Post -
Collar + Receive Circulation. Mixed
300 sq cement Displace 9 Bar Bell in O.
Close Post Collar, + Check to
BOOT (HELD) RAN 5 STS Tubing
& WASHED Clean. Short way (25 ft)
Came out of hole w/ opening tool
THANKS - CMV

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1925.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>50</u>	@	<u>7.00</u>	<u>350.00</u>
MANIFOLD	<u>yes</u>	@		
	<u>50</u>	@	<u>4.00</u>	<u>200.00</u>
TOTAL				<u>2475.00</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 Allen Hammermitt

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

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 KCC WICHITA

ALLIED CEMENTING CO., LLC. 039673

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

SERVICE POINT:
Russell Ks.

DATE <u>7-26-2011</u>	SEC. <u>4</u>	TWP. <u>10 S</u>	RANGE <u>21 W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:09 AM</u>	JOB FINISH <u>11:30 AM</u>
LEASE <u>Dejong</u>	WELL # <u>7</u>	LOCATION <u>Pico Church Of God 1 S 1/2 W 6</u>			COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)				<u>1/4 S 1/4 E 1/4</u>			

CONTRACTOR American Eagle Rig # 2

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3960

CASING SIZE 5 1/2 N.W. DEPTH @ 395

~~PORT SIZE~~ 14 #CSG DEPTH 1777

~~PORT COLLAR~~ DEPTH @ 3939

TOOL AFU INSERT (2) DEPTH @ 3939

PRES. MAX. MINIMUM

MBAS. LINE SHOE JOINT 20.65

CEMENT LEFT IN CSG. 20.65

PERFS.

DISPLACEMENT 96.15 / BBL

OWNER _____

CEMENT AMOUNT ORDERED 180 sk ASC.

500 GAL WFR-2 MUD FLUSH

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@	<u>19.00</u>	<u>3420.00</u>
500 Gal WFR-2	@	<u>1.10</u>	<u>550.00</u>
HANDLING	@	<u>2.25</u>	<u>405.00</u>
MILBAGE	@	<u>11 / sk / mile</u>	<u>495.00</u>
TOTAL			<u>4870.00</u>

REMARKS:

Ran 94 JTS of New 14 #5 1/2 CSG.
Set @ 3958 Received Circulation +
Turn Hole For 1" HR, Pump Flush + Cement
w/ 150 sk ASC, Clear-Line, Release TRP. +
Displace 96 BBL 1/2 Land Plug @ 1800 #
Released Pressure + Float (held).

30 sk @ Patchole / Hanks

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>2225.00</u>
EXTRA FOOTAGE	@		
MILEAGE	@	<u>50</u>	<u>350.00</u>
MANIFOLD	@	<u>yes</u>	
<u>Cur</u>	@	<u>50</u>	<u>200.00</u>
TOTAL			<u>2775.00</u>

CHARGE TO: TENGASCO Inc

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

RR	<u>Guide Shoe</u>		<u>168.00</u>
RR	<u>AFU INSERT</u>	@	<u>200.00</u>
RR	<u>6 - Centralizers</u>	@	<u>34.00</u>
RR	<u>1 - Basket</u>	@	<u>236.00</u>
B	<u>1 - Port Collar</u>	@	<u>1820.00</u>
JR	<u>1 - Solid Rubber Plug</u>	@	<u>51.00</u>
TOTAL			<u>2679.00</u>

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 Blenda Linkel

SIGNATURE Blenda Linkel

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT 50/20 IF PAID IN 30 DAYS

25 Russell
NR

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ALLIED CEMENTING CO., LLC. 040234

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

SERVICE POINT:

Medicine Lodge KS

DATE <u>7-20-2011</u>	SEC. <u>4</u>	TWP. <u>10</u>	RANGE <u>21</u>	CALLED OUT <u>10:00 am</u>	ON LOCATION <u>3:30 pm</u>	JOB START <u>4:00 pm</u>	JOB FINISH <u>4:30 pm</u>
LEASE <u>Doyoung</u>	WELL # <u>7</u>	LOCATION <u>Ellis, KS north to Redline Rd</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>5 West, 1 South, 1/2 East, 3/4 in to</u>					

CONTRACTOR American Eagle

OWNER Tengasco, Inc.

TYPE OF JOB Surface

HOLE SIZE <u>12 1/4</u>	T.D. <u>265'</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>266'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>20'</u>	
PERFS.	
DISPLACEMENT <u>15 1/2 bbls fresh water</u>	

CEMENT

AMOUNT ORDERED 170 sq class A + 3% CC
2% Ger

COMMON	<u>17.0</u>	@	<u>16.25</u>	<u>2762.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>6</u>	@	<u>58.20</u>	<u>349.20</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>179</u>	@	<u>2.25</u>	<u>402.75</u>
MILEAGE	<u>179/25/11</u>			<u>498.25</u>
TOTAL				<u>4070.45</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Darin E.</u>
# <u>360-265</u>	HELPER <u>Tyson T</u>
BULK TRUCK	
# <u>341</u>	DRIVER <u>Kevin W.</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Pipe on board & break circulation
Pump 3 bbls fresh water ahead, mix 170sq
of cement, displace 15 1/2 bbls of fresh
water, shut in, cement did circulate

SERVICE

DEPTH OF JOB	<u>266'</u>		
PUMP TRUCK CHARGE			<u>1125.</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@	<u>7.00</u> <u>350.</u>
MANIFOLD		@	
<u>light vehicle</u>	<u>50</u>	@	<u>4.00</u> <u>200.</u>
TOTAL <u>1675.</u>			

CHARGE TO: Tengasco Inc.

STREET _____

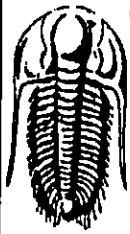
CITY _____ STATE _____ ZIP _____

RECEIVED
PLUG & FLOAT EQUIPMENT
SEP 16 2011

none @ _____
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KCC WICHITA

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

DeYoung #7
4-10-21 Graham, Ks
Job Ticket: 44152 DST#: 1
Test Start: 2011.07.24 @ 23:47:30

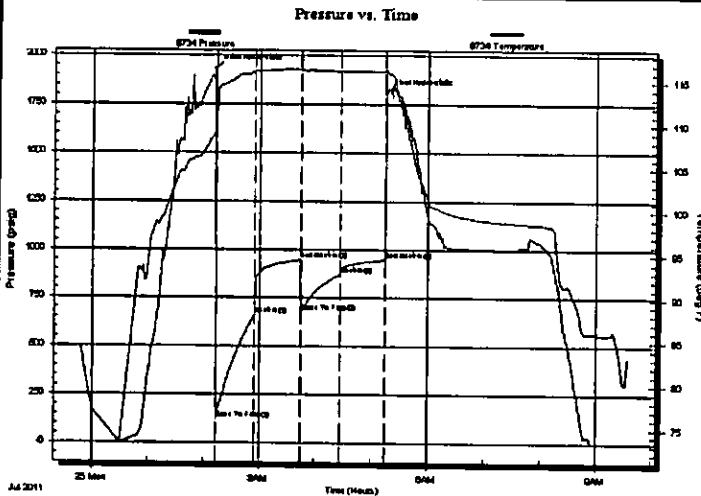
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 02:14:00
Time Test Ended: 09:35:30
Interval: **3867.00 ft (KB) To 3878.00 ft (KB) (TVD)**
Total Depth: **3878.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**
Tester: **Brian Fairbank**
Unit No: **41**
Reference Elevations: **2317.00 ft (KB)**
2310.00 ft (CF)
KB to GR/CF: **7.00 ft**

Serial #: 8734 **Outside**
Press@RunDepth: **871.40 psig @ 3870.00 ft (KB)**
Start Date: **2011.07.24** End Date: **2011.07.25**
Start Time: **23:47:31** End Time: **09:35:30**
Capacity: **8000.00 psig**
Last Calib.: **2011.07.25**
Time On Btm: **2011.07.25 @ 02:12:30**
Time Off Btm: **2011.07.25 @ 05:15:00**

TEST COMMENT: IFP - BOB 1 min
ISI - no blow back 7 min - sur blow back
FFP - BOB 2 min
FSI - weak sur blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1930.29	109.28	Initial Hydro-static
2	119.95	111.03	Open To Flow (1)
43	660.52	116.25	Shut-In(1)
92	946.43	116.53	End Shut-In(1)
92	679.02	116.43	Open To Flow (2)
134	871.40	116.31	Shut-In(2)
182	946.84	116.34	End Shut-In(2)
183	1807.26	116.52	Final Hydro-static

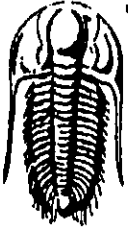
Recovery

Length (ft)	Description	Volume (bbl)
250.00	G FREE OIL 10%G, 85%O, 5%M	3.51
1920.00	REVERSED OUT	26.93
125.00	MCO 50%O, 50%M	1.75

Gas Rates

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco, Inc.

DeYoung #7

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

4-10-21 Graham, Ks
Job Ticket: 44152 **DST#: 1**
Test Start: 2011.07.24 @ 23:47:30

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	G FREE OIL 10%G, 85%O, 5%M	3.507
1920.00	REVERSED OUT	26.933
125.00	MCO 50%O, 50%M	1.753

Total Length: 2295.00 ft Total Volume: 32.193 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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