

**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 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 #: \_\_\_\_\_

<u>12-30-2011</u>	<u>1-7-2012</u>	<u>1-16-2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23997-00-00

Spot Description: \_\_\_\_\_  
SW SW SE Sec. 2 Twp. 10 S. R. 20  East  West  
330 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: Rooks

Lease Name: Coddington Well #: 6

Field Name: Marcotte

Producing Formation: Arbuckle

Elevation: Ground: 2230' Kelly Bushing: 2237'

Total Depth: 3900' Plug Back Total Depth: 3873'

Amount of Surface Pipe Set and Cemented at: 262' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1704' Feet

If Alternate II completion, cement circulated from: 1704'

feet depth to: surface w/ 260 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 41000 ppm Fluid volume: 240 bbls

Dewatering method used: Hauled to SWD

Location of fluid disposal if hauled offsite:

Operator Name: Tengasco, Inc.

Lease Name: Croffoot License #: 32278

Quarter SW Sec. 11 Twp. 10 S. R. 20  East  West

County: Rooks Permit #: D-21,145

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**MAR 05 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: 3-2-12

**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: Dlg Date: 3/7/12

Operator Name: Tengasco, Inc. Lease Name: Coddington Well #: 6  
 Sec. 2 Twp. 10 S. R. 20  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: <b>Dual Induction, Density Neutron/PE &amp; Micro</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1698</td> <td>+539</td> </tr> <tr> <td>Topeka</td> <td>3250</td> <td>-1013</td> </tr> <tr> <td>Heebner</td> <td>3456</td> <td>-1219</td> </tr> <tr> <td>Toronto</td> <td>3479</td> <td>-1242</td> </tr> <tr> <td>Lansing</td> <td>3496</td> <td>-1259</td> </tr> <tr> <td>BKC</td> <td>3734</td> <td>-1497</td> </tr> <tr> <td>Arbuckle</td> <td>3796</td> <td>-1559</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1698	+539	Topeka	3250	-1013	Heebner	3456	-1219	Toronto	3479	-1242	Lansing	3496	-1259	BKC	3734	-1497	Arbuckle	3796	-1559
Name	Top	Datum																							
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Toronto	3479	-1242																							
Lansing	3496	-1259																							
BKC	3734	-1497																							
Arbuckle	3796	-1559																							

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#	262'	Com	170	3% CC 2% Gel
Production	7-7/8"	5-1/2"	14#	3898'	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 3797-3802'		

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TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3852'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>1-18-12</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 Bbbs. <u>20</u>	Gas Mcf _____ Water Bbbs. <u>220</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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arbuckle 3797-3802'</u>
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# ALLIED CEMENTING CO., LLC. 042352

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

SERVICE POINT:  
Great Bend, KS

DATE <u>12-30-11</u>	SEC <u>2</u>	TWP. <u>10S</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:15 am</u>	JOB FINISH <u>9:15 am</u>
LEASE <u>Coddington</u>	WELL # <u>6</u>	LOCATION <u>Zucich xs 3ws to Rd 7</u>			COUNTY <u>Beck</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>		LOCATION <u>Zs to Rd 2 1/2 W 1/4 E 40</u>					

CONTRACTOR American Eagle Rig # 2 OWNER Tengasco, Inc  
 TYPE OF JOB Surface  
 HOLE SIZE 17 3/4 T.D. 264  
 CASING SIZE 8 3/4 23# DEPTH 264  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LBFT IN CSG. 1584  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT Freshwater

CEMENT  
 AMOUNT ORDERED 1705x Cam 390cc  
290 gel

COMMON	<u>170</u>	@	<u>16.25</u>	<u>2,762.50</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>177x 38x-11</u>	@		<u>748.22</u>
TOTAL				<u>4,326.42</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bob C.  
 # 366 HELPER Dustin C.  
 BULK TRUCK  
 # 341 DRIVER Kevin W.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER Vince P.

REMARKS:

Pipe on bottom break circulation with sig  
mid. mix 1705x cam 390cc 2% gel  
Displace with 15,800 hbl freshwater  
cement old circulate shut in.

SERVICE

DEPTH OF JOB	<u>264</u>			
PUMP TRUCK CHARGE				<u>1125.00</u>
EXTRA FOOTAGE		@		
MILEAGE <u>HUM</u>	<u>38</u>	@	<u>7.00</u>	<u>266.00</u>
MANIFOLD		@		
<u>HUM</u>	<u>38</u>	@	<u>4.00</u>	<u>152.00</u>
TOTAL				<u>1543.00</u>

CHARGE TO: Tengasco, Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 J. Keith  
 SIGNATURE J. Keith

PLUG & FLOAT EQUIPMENT

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TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 5,869.42  
50% 20% DISCOUNT 1,523.75  
4,345.67 IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., LLC. 035204

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

SERVICE POINT:  
RUSSELL

DATE <u>1-7-12</u>	SEC. <u>2</u>	TWP. <u>S 10</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION	JOB START <u>6 AM</u>	JOB FINISH <u>6:30 PM</u>
<u>WADINGTON LEASE</u>	WELL # <u>6</u>	LOCATION <u>PLAINS KS SOUTH T8 ROAD AA</u>			COUNTY <u>ROOKS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>12" - 1 1/4" - EAST INTO</u>		<u>2.02</u>	<u>6.3</u>

CONTRACTOR America eagle #2 OWNER \_\_\_\_\_

TYPE OF JOB LONG STRING

HOLE SIZE 7 7/8 I.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH 3906

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

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

TOOL PORT DEPTH 1706

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

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

CEMENT LEFT IN CSG. 21.98

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

DISPLACEMENT 94.77 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Bob Smith

# 409 HELPER Todd

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

# 481 DRIVER Robert

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

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

CEMENT AMOUNT ORDERED 180 SK ASC

COMMON \_\_\_\_\_ @ \_\_\_\_\_

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

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC 180 @ 15.00 2700.00

SALT \_\_\_\_\_ @ \_\_\_\_\_

GYP SEAL \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

SUPER FLUSH 500 @ 1.27 635.00

HANDLING 210 @ 2.25 472.50

MILEAGE 25 X 210 X .11 577.50

23.10 TOTAL 4385.00

REMARKS:

30 SK RAT HOLE

150 SK = 1203.25 FT

500 SK SUPER FLUSH

94.77 bbl displacement

Thank you for calling Allied

Bob & CREW

CHARGE TO: TENGASCO inc.

STREET \_\_\_\_\_

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

TOTAL 2500.00

PLUG & FLOAT EQUIPMENT

PORT COLLAR	1	@	<u>1820.00</u>
CENTRALIZERS	5	@	<u>34.00</u> <u>170.00</u>
BASKET	1	@	<u>236.00</u>
GUIDE SHOE	1	@	<u>168.00</u>
INSERT	1	@	<u>200.00</u>
TOTAL			<u>2594.00</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 Glenn Winkler

SIGNATURE Glenn Winkler

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

TOTAL CHARGES 9479.00

DISCOUNT 20/50 IF PAID IN 30 DAYS

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# ALLIED CEMENTING CO.. LLC. 034540

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

SERVICE POINT:

Russell Ks  
NOON

DATE <u>1-13-2012</u>	SEC <u>2</u>	TWP. <u>10 S</u>	RANGE <u>20 W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 PM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>CODDINGTON</u>	WELL # <u>6</u>	LOCATION <u>Durich Ks 3 W 2 S 12 W</u>		COUNTY <u>ROCKS</u>	STATE <u>KANSAS</u>		
OLD OR <u>NEW</u> (Circle one)				Y/N Y/E			

CONTRACTOR Fisher Well Service (Francis) OWNER \_\_\_\_\_  
 TYPE OF JOB Circ. Cement (Port-Collar)  
 HOLE SIZE 8" ID 3873'  
 CASING SIZE 5 1/2" DEPTH 3873'  
 TUBING SIZE 2 7/8" DEPTH 1724' TOTAL TUBING \_\_\_\_\_  
 DRILL PIPE DEPTH \_\_\_\_\_  
 TOOL PORT Collar @ DEPTH 1704'  
 PRES. MAX 1000 MINIMUM \_\_\_\_\_  
 MEAS. LINE SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 9.85' Gave 8.15' BBL  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Clay  
 # 417 HELPER Woody  
 BULK TRUCK \_\_\_\_\_  
 # 423 DRIVER BOB Y.  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT AMOUNT ORDERED <u>2100 SX 40 4% GEL</u>		
<u>1/4" # F10- Seal Per SX</u>		
COMMON <u>1510 SX</u>	@ <u>16.25</u>	<u>2535.00</u>
POZMIX <u>104 SX</u>	@ <u>8.50</u>	<u>884.00</u>
GEL <u>11 SX</u>	@ <u>21.25</u>	<u>233.75</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>F10 Seal 65 LBS</u>	@ <u>2.70</u>	<u>175.50</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>260 SX</u>	@ <u>2.25</u>	<u>585.00</u>
MILEAGE <u>25 TW Mile</u>	@ <u>11.4</u>	<u>285.00</u>
TOTAL		<u>5748.25</u>

REMARKS:

Port Collar @ 1704, Test Csg. To 1000'  
(Held), Open P.C. + Received Good  
Circulation. Mixed 260 SX @ 4% gel  
1/4" # F10 Seal, + Cement Circulated Around  
Annulus. Displace 8 3/4 BBL. Close Port-  
Collar + Check To 1000' (Held), Ran  
7 JTS Tubing + Wash Clean. Came  
out of Hole w/ P.C. Opening Tool.

THANK'S

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>2225.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>25 HW MI</u>	@ <u>7.00</u>	<u>175.00</u>
MANIFOLD <u>yes</u>	@ _____	<u>NC</u>
<u>25 LVAT</u>	@ <u>4.00</u>	<u>100.00</u>
_____	@ _____	_____
TOTAL		<u>2500.00</u>

CHARGE TO: TENBESCO Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

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

\* State Rep. Pat Bedore (KCC), ON  
Location. Cement did circulate  
to surface.

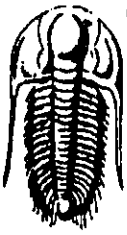
To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL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

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

SIGNATURE Clay

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 7628.25  
 DISCOUNT 20/50 IF PAID IN 30 DAYS

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**TRIOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

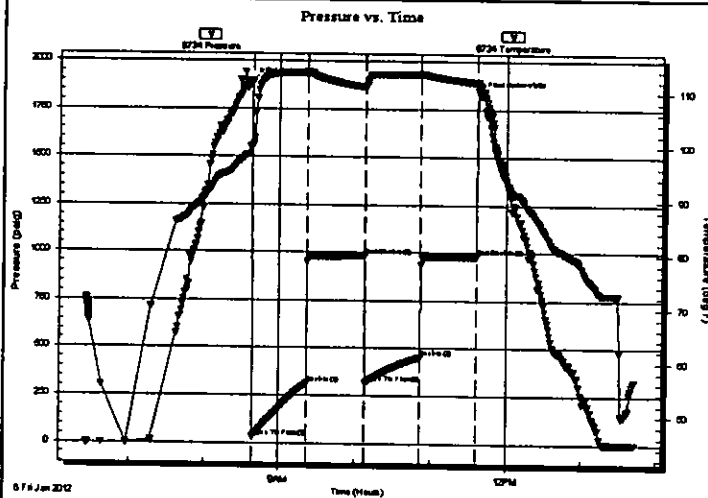
**2-10-20 Rooks, Ks**  
**Coddington #6**  
Job Ticket: 46404      DST#: 1  
Test Start: 2012.01.06 @ 06:25:22

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock:**                      ft (KB)  
Time Tool Opened: 08:38:52  
Time Test Ended: 13:42:22  
Interval: **3787.00 ft (KB) To 3804.00 ft (KB) (TVD)**  
Total Depth: **3804.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Brian Fairbank**  
Unit No: **41**  
Reference Elevations: **2237.00 ft (KB)**  
**2230.00 ft (CF)**  
KB to GR/CF: **7.00 ft**

Serial #: **8734**      **Outside**  
Press@RunDepth: **452.80 psig @ 3791.00 ft (KB)**  
Start Date: **2012.01.06**      End Date: **2012.01.06**  
Start Time: **06:25:23**      End Time: **13:42:22**  
Capacity: **8000.00 psig**  
Last Calib.: **2012.01.06**  
Time On Btm: **2012.01.06 @ 08:36:52**  
Time Off Btm: **2012.01.06 @ 11:38:52**

TEST COMMENT: IFP BOB 5 min  
ISI - no blow back 12 min - dying sur blow back  
FFP - BOB 7 min  
FSI - no blow back 6 min - sur blow back throughout



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1886.71	99.99	Initial Hydro-static
2	30.23	99.93	Open To Flow (1)
45	312.84	113.60	Shut-In(1)
91	979.65	111.03	End Shut-In(1)
92	315.10	110.84	Open To Flow (2)
135	452.80	113.41	Shut-In(2)
180	979.18	111.87	End Shut-In(2)
182	1822.98	111.21	Final Hydro-static

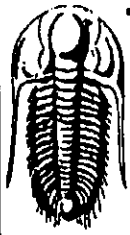
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### Recovery

Length (ft)	Description	Volume (bbl)
615.00	MW 95%O, 5%M	8.63
185.00	SOCMW 5%O, 85%W, 10%M	2.60
90.00	OCMW 10%O, 65%W, 25%M	1.26
95.00	FREE OIL 95%O, 5%M	1.33

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Tengasco, Inc.

2-10-20 Rooks, Ks

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

**Coddington #6**

Job Ticket: 46404

DST#: 1

Test Start: 2012.01.06 @ 06:25:22

**Mud and Cushion Information**

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 7.20 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

34 deg API

Water Salinity: 42000 ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
615.00	MW 95%O, 5%M	8.627
185.00	SOCMW 5%O, 85%W, 10%M	2.595
90.00	OCMW 10%O, 65%W, 25%M	1.262
95.00	FREE OIL 95%O, 5%M	1.333

Total Length: 985.00 ft      Total Volume: 13.817 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

