

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 Moose 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: N/A

API No. 15 - 163-24017-00-00
Spot Description: _____
 NW NE SW Sec. 33 Twp. 8 S. R. 19 East West
2,310 Feet from North / South Line of Section
16:50 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Cerrow Well #: 4
Field Name: Webster
Producing Formation: _____

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.): _____

Elevation: Ground: 2010' Kelly Bushing: 2017'
Total Depth: 3512' Plug Back Total Depth: surface
Amount of Surface Pipe Set and Cemented at: 262' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

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 #: _____
4-10-12 4-15-12 4-16-12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 48000 ppm Fluid volume: 580 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. 19 East West
County: Rooks Permit #: D-20,839

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: 5-16-12

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: PLA Dlg Date: 5/22/12

Operator Name: Tengasco, Inc. Lease Name: Cerrow Well #: 4
 Sec. 33 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 type="checkbox"/> Yes <input checked="" 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: Dual Induction, Density Neutron/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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1437</td> <td>+580</td> </tr> <tr> <td>Topeka</td> <td>2981</td> <td>-964</td> </tr> <tr> <td>Heebner</td> <td>3190</td> <td>-1173</td> </tr> <tr> <td>Toronto</td> <td>3213</td> <td>-1196</td> </tr> <tr> <td>Lansing</td> <td>3230</td> <td>-1213</td> </tr> <tr> <td>BKC</td> <td>3448</td> <td>-1431</td> </tr> <tr> <td>Arbuckle</td> <td colspan="2">Not Reached</td> </tr> </table>	Name	Top	Datum	Anhydrite	1437	+580	Topeka	2981	-964	Heebner	3190	-1173	Toronto	3213	-1196	Lansing	3230	-1213	BKC	3448	-1431	Arbuckle	Not Reached	
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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

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
		RECEIVED MAY 17 2012 KCC WICHITA	

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		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 Bbbs.	Gas Mcf	Water Bbbs. 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input checked="" type="checkbox"/> Other (Specify) <u>D&A</u>	PRODUCTION INTERVAL: <u>Dry Hole</u>
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ALLIED OIL & GAS SERVICES, LLC 056940

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

SERVICE POINT:
R25K11

DATE <u>4.16.12</u>	SEC. <u>33</u>	TWP. <u>B</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>2:20</u>	JOB FINISH <u>3:00</u>
LEASE <u>Carrow</u>	WELL# <u>4</u>	LOCATION <u>Zurich BN - 1/2 W Nintz</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR American Eagle #2
 TYPE OF JOB Plug
 HOLE SIZE 7 1/8 T.D. 3467
 CASING SIZE _____ DEPTH _____
 TUBING SIZE 4 1/2 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____

CEMENT
 AMOUNT ORDERED 2772 lb (10/40)
4 # 40 lb bags 167 lb
47.6 gal

COMMON	<u>138</u>	@	<u>16.25</u>	<u>2242.50</u>
POZMIX	<u>92</u>	@	<u>8.55</u>	<u>782.40</u>
GEL	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
CHLORIDE		@		
ASC		@		
	<u>Amurpa 2</u>	@	<u>100%</u>	<u>2.70</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>247</u>	@	<u>2.25</u>	<u>540.75</u>
MILEAGE	<u>216 x 60 x .11</u>			<u>1584.00</u>
TOTAL				<u>5588.50</u>

EQUIPMENT

PUMP TRUCK CEMENTER Travis B. Smith
 # 409 HELPER Tony
 BULK TRUCK _____
 # 413 DRIVER Way
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

1st Plug x 3467 26 gal mix @ 14.1 lb
2nd Plug @ 1460 27 gal mix @ 14.1 lb
3rd Plug @ 210 16 gal mix @ 14.1 lb
4th Plug @ 315 10 gal mix @ 14.1 lb
5th Plug @ 40 10 gal mix @ 14.1 lb
3B 3K rest
Thanks

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>125.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>MIHV 60</u>	@	<u>7.00</u>
MANIFOLD	@		
	<u>MLV 60</u>	@	<u>4.12</u>
TOTAL <u>1910.00</u>			

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

PLUG & FLOAT EQUIPMENT

<u>8 1/2 wooden Plug</u>	@		<u>64.00</u>
	@		
	@		
	@		
TOTAL <u>64.00</u>			

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 Kirk P. Downing

SIGNATURE Kirk P. Downing

SALES TAX (If Any)	<u>218.26</u>
TOTAL CHARGES	<u>7,562.50</u>
DISCOUNT <u>20/50</u>	<u>218.20</u> IF PAID IN 30 DAYS

RECEIVED
 MAY 17 2012
 KCC WICHITA

ALLIED CEMENTING CO., LLC. 034645

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

SERVICE POINT:
RUSSELL

DATE <u>4-10-12</u>	SEC <u>33</u>	TWP. <u>S 8</u>	RANGE <u>19^W</u>	CALLED OUT	ON LOCATION	JOB START <u>10PM</u>	JOB FINISH <u>10:30PM</u>
LEASE <u>CERROW</u>	WELL# <u>4</u>	LOCATION <u>ZURICH - SW - 1/2^W - N INTO</u>			COUNTY <u>ROCKS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR AMERICAN EAGLE #2 OWNER _____

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 260

CASING SIZE 8 3/8 DEPTH 254

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15 FT

PERFS. _____

DISPLACEMENT _____

CEMENT AMOUNT ORDERED 170 SK 3% CC 2% GEL

COMMON	<u>170 @ 16.25</u>	<u>2762.5</u>
POZMIX	<u>3 @</u>	<u>63.75</u>
GEL	<u>6 @ 58.20</u>	<u>349.2</u>
CHLORIDE	<u>6 @</u>	<u>349.2</u>
ASC	<u>@</u>	<u>_____</u>

EQUIPMENT

PUMP TRUCK CEMENTER BOB SMITH

409 HELPER TONY

BULK TRUCK

481 DRIVER CODY

BULK TRUCK

_____ DRIVER _____

HANDLING	<u>179 @ 2.25</u>	<u>402.75</u>
MILEAGE	<u>60 X 17.9 X .11</u>	<u>1181.4</u>
TOTAL		<u>4759.60</u>

REMARKS:

Pumped 170 SK 3% CC 2% GEL

CEMENT CIRCULATED TO SURFACE

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE	<u>1125.00</u>	
EXTRA FOOTAGE	<u>@</u>	<u>_____</u>
MILEAGE	<u>H 60 @ 7.00</u>	<u>420.00</u>
MANIFOLD	<u>SWADGE @ 200.00</u>	<u>0</u>
<u>LOV M 60 @ 4.00</u>		<u>240.00</u>

CHARGE TO: TENGASCO

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1785.00

PLUG & FLOAT EQUIPMENT

_____	<u>@</u>	<u>_____</u>
_____	<u>@</u>	<u>_____</u>
_____	<u>@</u>	<u>_____</u>
_____	<u>@</u>	<u>_____</u>
_____	<u>@</u>	<u>_____</u>

TOTAL _____

SALES TAX (If Any)	<u>200.05</u>
TOTAL CHARGES	<u>6544.60</u>
DISCOUNT <u>20/50</u>	<u>1861.34</u> IF PAID IN 30 DAYS

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 Keith Kailo

SIGNATURE _____