

CONFIDENTIAL

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

1/20/12

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: NCRA

KCC
 JAN 20 2011
 CONFIDENTIAL
 RECEIVED
 KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KS

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 #: _____

11-3-10	11-11-10	12-2-10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22685-00-00
 Spot Description: _____
 NE SE SW NE Sec. 22 Twp. 15 S. R. 25 East West
2,140 Feet from North / South Line of Section
1,350 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Trego
 Lease Name: Albers 'A' Well #: 2
 Field Name: Unnamed
 Producing Formation: Mississippi
 Elevation: Ground: 2447 Kelly Bushing: 2454
 Total Depth: 4630' Plug Back Total Depth: 4540'
 Amount of Surface Pipe Set and Cemented at: 265 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set: 1922' Feet
 If Alternate II completion, cement circulated from: 1922'
 feet depth to: 380' w/ 400 sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content: 24000 ppm Fluid volume: 210 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: 1-20-2011

KCC Office Use ONLY
 Letter of Confidentiality Received
 Date: 1/20/11 - 1/20/12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 ALT I II III Approved by: MJ Date: 1-25-11

Operator Name: Tengasco, Inc. Lease Name: Albers 'A' Well #: 2
 Sec. 22 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 Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1907'	+547'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3769'	-1315'
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Toronto	3789'	-1335'
List All E. Logs Run:		Lansing	3807'	-1353'
Induction, Neutron Density, Micro & EMI		BKC	4101'	-1647'
		Fort Scott	4303'	-1849'
		Mississippi	4408'	-1954'

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#	265'	Com	175	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	4629'	ASC	150	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	4410-25'	3000 gal 15% MA	

RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 21 2011
 CONSERVATION DIVISION
 WICHITA, KS

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>4500'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>12-8-10</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>8</u>	Gas Mcf	Water Bbls. <u>13</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 4410-25'</u>
---	--	---

ALLIED CEMENTING CO., LLC.

30140

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

JAN 20 2011
CONFIDENTIAL

SERVICE POINT:

Russell

DATE <u>11-12-10</u>	SEC. <u>22</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>3:45 AM</u>	JOB FINISH <u>4:15 AM</u>	
LEASE <u>Albers</u>	WELL # <u>A #2</u>	LOCATION <u>Wakeney 20S 9W 1N</u>	COUNTY <u>Loge</u>	STATE <u>KS</u>				
OLD OR NEW (Circle one) <u>NEW</u>		<u>1w 1/2S. FANTO</u>						

CONTRACTOR American Eagle #2
 TYPE OF JOB Production String
 HOLE SIZE 2 7/8 T.D.
 CASING SIZE 5 1/2 14 # DEPTH 4629.60
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
~~FOOT~~ Port Collar DEPTH 1922'
 PRES. MAX 1400 psi MINIMUM _____
 MEAS. LINE SHOE JOINT 42.60
 CEMENT LEFT IN CSG. 42.60
 PERFS. _____
 DISPLACEMENT 111.93 bbl

OWNER _____
 CEMENT AMOUNT ORDERED 180 ASC 22 Gel
1000 Gal WFR-2.

EQUIPMENT
 PUMP TRUCK CEMENTER Shane
 # 417 HELPER Heath
 BULK TRUCK
 # 378 DRIVER Gary TWS
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL <u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	@		
ASC <u>180</u>	@	<u>16.70</u>	<u>3006.00</u>
<u>WFR-2 1000</u>	@	<u>1.10</u>	<u>1100.00</u>
RECEIVED KANSAS CORPORATION COMMISSION			
JAN 21 2011			
CONSERVATION DIVISION WICHITA, KS			
HANDLING <u>180</u>	@	<u>2.25</u>	<u>405.00</u>
MILEAGE <u>10156/mile</u>	@		<u>486.00</u>
			TOTAL <u>5057.75</u>

REMARKS:

Rot Hole 30skr Invert @ 4587
Ran 109 sts Test Circulation
Mixed 1000 Gal WFR-2, Mixed
150 gal down 5 1/2. Shut down
washed pump & lines. Displaced
111.93 bbl.
Loaded Plug @ 1400 psi
Float Held

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>27</u>	@	<u>7.00</u>	<u>189.00</u>
MANIFOLD	@		
	@		
	@		
			TOTAL <u>2146.00</u>

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

PLUG & FLOAT EQUIPMENT

<u>Rubber Plug</u>			<u>43.00</u>
<u>Port Collar</u>	@		<u>1750.00</u>
<u>2-Baskets</u>	@	<u>161.00</u>	<u>322.00</u>
<u>2-Centralizers</u>	@	<u>35.00</u>	<u>245.00</u>
<u>Guide Shoe</u>	@		<u>101.00</u>
<u>AFU-Invert</u>	@		<u>112.00</u>

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. 035615

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

KCC
JAN 20 2011

SERVICE POINT:
OAKLEY

DATE <u>11-19-10</u>	SEC. <u>22</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION <u>8:00am</u>	JOB START <u>12:30pm</u>	JOB FINISH <u>1:00pm</u>
LEASE <u>Stbras</u>	WELL# <u>A-2</u>	LOCATION <u>Wabery 205-9w-1w</u>		COUNTY <u>Trego</u>		STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1w-5-2</u>				

CONTRACTOR Fischer Well Service OWNER _____

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 7/8 DEPTH 1922'

DRILL PIPE _____ DEPTH _____

TOOL P-collar DEPTH 1922'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS: _____

DISPLACEMENT 11.1

EQUIPMENT

PUMP TRUCK CEMENTER Fezzy

431 HELPER Kelly

BULK TRUCK _____

394 DRIVER Damm

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Press tool to 1200#. Get circulation
mix 315 gals cement lost circulation
wait 30 min pump 85 gals cement
Displace 10" 288L high Press 500#
no circulation. Release tool &
press to 1200#. Run 4 Jts &
reverse to clear. Job
complete @ 1:00 pm

Thanks Fezzy crew

CHARGE TO: TENGASCO

STREET _____

CITY _____ STATE _____ ZIP _____

CEMENT

AMOUNT ORDERED 400 white 114#

Sl-o-seal

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

white 400 @ 11.93 4772.00

Sl-o-seal 100# @ 2.45 245.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 431 @ 2.10 905.70

MILEAGE 10.5 km @ 1422.30

TOTAL 7344.70

SERVICE

DEPTH OF JOB 1922'

PUMP TRUCK CHARGE _____ 1170.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 33 @ 7.00 231.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 21 2011

CONSERVATION DIVISION
WICHITA, KS

TOTAL 1401.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 041762

KCC

JAN 20 2011

CONFIDENTIAL

SERVICE POINT:

Russell KS.

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

DATE <u>11-3-2010</u>	SEC. <u>22</u>	TWP. <u>15</u>	RANGE <u>25</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00pm</u>	JOB FINISH <u>5:30pm</u>
LEASE <u>ALBERS</u>	WELL # <u>A-2</u>	LOCATION <u>Wakeeney Ks. 20 S 10W</u>	COUNTY <u>Trego</u>		STATE <u>KANSAS</u>		
OLD OR NEW (Circle one)		<u>IN 1W 1/2 S 10W</u>					

CONTRACTOR American Eagle Rig #2 OWNER

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD 266

CASING SIZE 8 5/8 New DEPTH 265

TUBING SIZE 2 3/8 CSG DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS

DISPLACEMENT 16 BBL

EQUIPMENT

PUMP TRUCK CEMENTER Glenix

417 HELPER Heath

BULK TRUCK DRIVER BARRY

DRIVER

REMARKS:

8 5/8 Set @ 265
Displaced 15.96 BBL

Cement Did Circulate

THANKS

CHARGE TO: Tengasco Inc.

STREET

CITY STATE ZIP

CEMENT
AMOUNT ORDERED 175 sk Comm.
290 GEL
3% CC

COMMON 175 @ 13.50 2362.50

POZMIX @

GEL 3 @ 20.25 60.75

CHLORIDE 6 @ 51.50 309.00

ASC @

@

@

@

@

@

@

HANDLING 175 @ 2.25 393.75

MILEAGE 104 sk/mile 472.50

TOTAL 3598.50

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 99.00

EXTRA FOOTAGE @

MILEAGE 27 @ 7.00 189.00

MANIFOLD @

@

@

TOTAL 1180.00

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 21 2011

CONSERVATION DIVISION
WICHITA, KS

PLUG & FLOAT EQUIPMENT

@
@
@
@
@

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

KANSAS

CORPORATION COMMISSION

Mark Parkinson, Governor
Thomas E. Wright, Chairman
Joseph F. Harkins, Commissioner
Ward Loyd, Commissioner

December 27, 2010

Tengasco, Inc.
1327 Noose Road
Hays, Kansas 67601

**RE: Exception to Alternate II Cementing Requirements
Albers 'A' # 2
SESWNE section 22-15-25W
Trego County, Kansas
API #15-195-22685-00-00**

**KCC
JAN 20 2011
CONFIDENTIAL**

Dear Mr. Wagner,

The Kansas Corporation Commission (KCC) has received your request, dated December 17, 2010, through District 4 Supervisor for an exception to Alternate II cementing requirements for the above referenced well. From this request, the KCC understands that subject well was not cemented to surface as required by the Alternate II option. Referenced well has 266 feet of surface casing set with 200 sacks of cement circulated to surface. A Cement Bond log indicates cement was circulated to 380 feet from a port collar with 400 sacks of cement. The bottom of fresh water is reported at 150 feet with the bottom of usable water listed at 900 feet.

After review of this matter by technical staff it was determined that:

1. Surface casing was set deeper than fresh water source in the area with cement coverage to protect the shallow aquifers.
2. All fresh and usable water sources are adequately protected with cement coverage and any remaining intervals not covered by cement contain no fresh or usable water zones.
3. The Dakota appears to be adequately isolated with cement and any remaining intervals not cemented contain no fresh or usable water nor present any threat of contamination from the shales in the intervals.

Based on this information that the fresh and usable water zones are adequately protected with cement coverage and that any remaining intervals not cemented behind the production casing contain no threat of contamination from the shales in the intervals. Therefore, an exception is granted for the Alternate II cementing requirement.

Sincerely,



Doug Louis
Director

cc: Case Morris – District 4
Steve Bond – Production Supervisor

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 21 2011

CONSERVATION DIVISION
WICHITA, KS

CONSERVATION DIVISION

Finney State Office Building, 130 S. Market, Room 2078, Wichita, KS 67202-3802

(316) 337-6200 • Fax: (316) 337-6211 • <http://kcc.ks.gov/>