

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form AGO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY AND DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 32278
Name: TENGASCO, INC.
Address: P.O. Box 458
City/State/Zip: Hays, KS 67601
Purchaser: NCRA
Operator Contact Person: Ed Glassman
Phone: (785) 625-6374
Contractor: Name: Discovery Drilling CO.,
License: 31548
Wellsite Geologist: Ed Glassman

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KCC WICHITA

API No. 15 - 165-21,733-0000
County: Rush
SW NW NE Sec. 28 Twp. 16 S. R. 16W East West
990 feet from S / (N) (circle one) Line of Section
2310 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Andre Well #: 1
Field Name: _____
Producing Formation: LKC

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well info as follows:

CONFIDENTIAL

Release

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____
11/14/01 11/22/01 11/23/01
Spud Date or Date Reached TD Completion Date or Recompletion Date

MAR 19 2003

From Confidential

Elevation: Ground: 1955 Kelly Bushing: 1963
Total Depth: 3575 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 1066.94 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.

Drilling Fluid Management Plan See 1 Cell 3.19.03
(Data must be collected from the Reserve Pit)
Chloride content 14,000 ppm Fluid volume 320 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: Ed Glassman
Title: Geologist Date: 01-30-2002
Subscribed and sworn to before me this 30th day of Jan
19 2002
Notary Public: Linda K. Pfannenstiel
Date Commission Expires: 2/5/04

LINDA K. PFANNENSTIEL
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 2/5/04

KCC Office Use ONLY
 Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

UIC Distribution

Operator Name: TENGASCO, INC. Lease Name: Andre Well #: 1
Sec. 28 Twp. 16 S. R. 16w East West County: Push

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy)

List All E. Logs Run:

Compensated Density/Neutron
Induction Array

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	1059	+904
B/Anhydrite	1095	+868
Topeka	2966	-1003
Heebner	3192	-1229
Lansing	3248	-1285
B/Kansas City	3481	-1518
Arbuckle	3540	-1577

CASING RECORD New 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 Pipe	12 1/4	8 5/8	28	1066.94	60/40Poz	450	2%Gel&3%CC
Production St.	7 7/8	4 1/2	10.5	3574	ASC	200	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
		Amount	Kind	
4 SPF	3540-3541; CIBP @ 3495	None		
2 SPF	3392-3396, 3412-3415, 3426-3430	1000 gal.	15% NE	3392-3430
2 SPF	3215-3218, 3248-3251	1000 gal.	15% NE	3215-3251

TUBING RECORD Size 2.375 Set At 3477 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Enhr. 01/09/2002 Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15		20		37

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Drill Stem Test Data

Tengasco, Inc.

Andre #1

NE/4 28 - 16S - 16W

Rush County, Kansas

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DST #1

Interval: 3186' - 3295'

Times: 10 - 30 - 30 - 30

ISIP: 304# - 299#

FP: 42# - 61#

Recovery: 65' Drlg. Mud.

CONFIDENTIAL

DST #2

Interval: 3298' - 3360'

Times: 15 - 30 - 15 - 30

ISIP: 1056# - 996#

FP: 35# - 41#

Recovery: 40' Drlg. Mud.

ORIGINAL
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JAN 31 2002
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Muh

DST #3

Interval: 3362' - 3480'

Times: 15 - 30 - 45 - 60

ISIP: 235# - 309#

PF: 48# - 58#

Recovery: 160' Gas in Pipe
90' Gassy oil cut mud.

DST #4

Interval: 3510' - 3555'

Times: 15 - 30 - 15 - 30

ISIP: 1150# - 1146#

FP: 159# - 290#

Recovery: 580' Muddy Water.

Release

MAR 19 2003

From

Confidential

15-165-21733-0000
ALLIED CEMENTING CO., INC.

6628

Federal Tax I.D.#

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

SERVICE POINT: R

DATE <u>1-26-01</u>	SEC <u>24</u>	TWP <u>16</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11:15 Am</u>
LEASE <u>Legeiter</u>	WELL # <u>C-2</u>	LOCATION <u>Loretta 4W/2S</u>	COUNTY <u>Rush</u>	STATE <u>Ks</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

ORIGINAL

CONTRACTOR Discovery Drllg.
 TYPE OF JOB Long Surface
 HOLE SIZE 12 1/4 T.D. 1122
 CASING SIZE 8 3/8 DEPTH 1121
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 25'
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 28# 68 1/2 BBL

OWNER _____
 CEMENT AMOUNT ORDERED 450 60 3 + 2

EQUIPMENT
345 Dave
 PUMP TRUCK CEMENTER 60m
 # _____ HELPER _____
 BULK TRUCK _____
 # _____ DRIVER _____
 BULK TRUCK _____
 # 362 DRIVER Darin

COMMON	<u>270</u>	@	<u>665</u>	<u>1795 50</u>
POZMIX	<u>180</u>	@	<u>355</u>	<u>639 00</u>
GEL	<u>9</u>	@	<u>100 00</u>	<u>90 00</u>
CHLORIDE	<u>14</u>	@	<u>30 00</u>	<u>420 00</u>
- KCC				
JAN 30 2002				
CONFIDENTIAL				
HANDLING	<u>473</u>	@	<u>110</u>	<u>520 30</u>
MILEAGE	<u>44/SY</u>	@	<u>17.1E</u>	<u>794 44</u>
Release				TOTAL <u>4259 44</u>

REMARKS:
Cement Cir.
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 KCC WICHITA

MAR 19 2003
 From
 Confidential
 SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 850 00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 42 @ 3 00 126 00
 PLUG 8 1/2 Solid Rubber @ 100 00
 _____ @ _____
 _____ @ _____
 TOTAL 1076 00

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

FLOAT EQUIPMENT
1-8 1/2 Baffle plate 45 00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 45 00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Carl F. Coiff

Carl F. Coiff
 PRINTED NAME

ALLIED CEMENTING CO., INC.

6635

Federal Tax I.D.#

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

SERVICE POINT:

Russell

DATE <u>12-3-01</u>	SEC. <u>24</u>	TWP. <u>16</u>	RANGE <u>18</u>	CALLED OUT <u>5:00PM</u>	ON LOCATION <u>7:15PM</u>	JOB START <u>1:00AM</u>	JOB FINISH <u>1:30AM</u>
LEASE <u>Legleiter</u>	WELL # <u>C-2</u>	LOCATION <u>horetta 4w 1/4 S 1/4 Winto</u>			COUNTY <u>RUSH</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Discovery Day Rig #2</u>	OWNER _____
TYPE OF JOB <u>PRODUCTION STRING</u>	CEMENT AMOUNT ORDERED <u>175 SK ASC.</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>3620'</u>	<u>500 GAL WFR-2 FLUSH</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>3619'</u>	
TUBING SIZE _____ DEPTH _____	
DRILL PIPE _____ DEPTH _____	
TOOL <u>AFU INSERT</u> DEPTH <u>3607'</u>	
PRES. MAX _____ MINIMUM _____	
MEAS. LINE _____ SHOE JOINT <u>11.60</u>	
CEMENT LEFT IN CSG. <u>11.60</u>	
PERFS. _____	
DISPLACEMENT <u>88/BBL</u>	
EQUIPMENT <u>Release</u>	
PUMP TRUCK # <u>345</u> CEMENTER <u>Glen</u> HELPER <u>Dave</u>	MAR 19 2003
BULK TRUCK # <u>213</u> DRIVER <u>Darin</u>	From Confidential
BULK TRUCK # _____ DRIVER _____	

COMMON	<u>175 ASC</u>	@	<u>8.50</u>	<u>1487.50</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
<u>WFR-2</u>	<u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>
CONFIDENTIAL				
H	<u>KCC EBA</u>	@	<u>1.00</u>	<u>202.00</u>
MILEAGE	<u>44.5x</u>			<u>257.00</u>
JAN 30 2002				
				<u>TOTAL 2447.50</u>

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REMARKS:

FLOAT HELD
15 SK @ RAT Hole
THANKS

CHARGE TO: TENGASCO Inc.
STREET _____
CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., Inc.
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SIGNATURE Thomas ALM

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>1130.00</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>35</u> @ <u>3.00</u>	<u>105.00</u>
PLUG <u>5 1/2 RUBBER</u> @ _____	<u>50.00</u>
TOTAL <u>1285.00</u>	

FLOAT EQUIPMENT			
<u>1- Guide Shoe</u>	@	<u>150.00</u>	
<u>1- AFU INSERT</u>	@	<u>235.00</u>	
<u>5- CENTRALIZERS</u>	@ <u>50.00</u>	<u>250.00</u>	
TOTAL <u>635.00</u>			

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Thomas ALM