

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 051-25434-0000

County Ellis

NW SE NW SE Sec. 33 Twp. 12 S Rge. 17 X E

1810 Feet from S/N (circle one) Line of Section

1875 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name Schmidt AC Well # 2

Field Name Catherine NW

Producing Formation Arbuckle

Elevation: Ground 2069 ft KB 2075 ft

Total Depth 3669 ft PBTD 3669 ft

Amount of Surface Pipe Set and Cemented at 284 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1,292 Feet

If Alternate II completion, cement circulated from 1,292

feet depth to surface w/ 250 sx cmt.

Drilling Fluid Management Plan alt II KGR 12/13/07  
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

Operator: License # 3273

Name: Herman L. Loeb

Address P. O. Box 524

City/State/Zip Lawrenceville, IL 62439

Purchaser:

Operator Contact Person: George A. Payne

Phone ( 812 ) 853-3813

Contractor: Name: American Eagle

License: 33493

Wellsite Geologist: Tom Pronold

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

7/21/05 7/27/05 8/10/05  
Spud Date Date Reached TD Completion Date

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 on 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 George A. Payne

Title Petroleum Engineer Date 7/16/06

Subscribed and sworn to before me this 6 day of July, 19 2006.

Notary Public: Rebecca J. Klopferstein

Date Commission Expires October 6, 2006

K.C.C. OFFICE USE ONLY  
F N Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution  
KCC SWS/Rep NGPA  
KGS Plug Other (Specify)

Form ACO-1 (7-91)

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**SIDE TWO**

Operator Name Herman L. Loeb Lease Name Scmidt AC Well # 2

Sec. 33 Twp. 12S Rge. 17  East  West  
 County Ellis

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<b>Formation (Top), Depth and Datums</b>	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	3282	-1207
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Toronto	3295	-1220
		Lansing A	3326	-1220
		Base Kansas City	3555	-1480
		Arbuckle	3580	-1505

List All E.Logs Run:  
 Dual induction, neutron-density, microlog, cement bond log.

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	284	Class A	180	3% CC 2% gel
Production	7 7/8"	5 1/2"	14	3665	Class A	150	2% gel, 1/4# flake

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
3	3601-3605'		

<b>TUBING RECORD</b>	Size 2 3/8"	Set At 3570'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Date of First, Resumed Production, SWD or Inj. 8/10/05	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 40	Bbls.	Gas 0	Mcf 3	Water 3	Bbls.	Gas-Oil Ratio	Gravity 29

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

**METHOD OF COMPLETION**  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

**Production Interval**

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## Drill Stem Test Summary for KCC ACO-1 Report

Operator: Herman L. Loeb  
Well Name: Schmidt AC #2  
API #: 15-051-25434-0000

**DST #1** Open 17 min, closed 41 min, open 31 min, closed 58 min

Interval tested; 3,569 to 3,588 ft  
Formation: Arbuckle  
Initial hydrostatic: 1,804 psi  
Initial flow pressure: 11 psi  
Initial shut-in pressure: 1,007 psi building  
final flow pressure: 21 psi  
final shut-in pressure: 971 psi building  
final hydrostatic: 1,738 psi  
bottomhole temperature: 103 deg F

Fluid Recovery: 25 ft clean oil

**DST #2** Open 14 min, closed 48 min, open 26 min, closed 95 min

Interval tested; 3,593 to 3,613 ft  
Formation: Arbuckle  
Initial hydrostatic: 1,813 psi  
Initial flow pressure: 396 psi  
Initial shut-in pressure: 975 psi building  
final flow pressure: 612 psi  
final shut-in pressure: 984 psi building  
final hydrostatic: 1,702 psi  
bottomhole temperature: 104 deg F

Fluid Recovery: 120 ft mud & wtr cut oil (75% oil)  
420 ft mud & wtr cut oil (93% oil)  
840 ft wtr cut oil (95% oil)  
75 ft clean oil

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# ALLIED CEMENTING CO., INC. 16171

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

SERVICE POINT:

*Russell*

DATE <i>7/2/06</i>	SEC.	TWP.	RANGE	CALLED OUT <i>2:00 PM</i>	ON LOCATION <i>2:45 PM</i>	JOB START	JOB FINISH <i>3:35 PM</i>
LEASE <i>Schmidt</i>	WELL # <i>AC-2</i>	LOCATION <i>Coffman 1B2N</i>			COUNTY <i>Chis</i>	STATE <i>K</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *American Bed 2*

TYPE OF JOB *Drill*

HOLE SIZE *12 1/4* T.D. *297*

CASING SIZE *8 1/2* DEPTH *296*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *5*

PERFS.

DISPLACEMENT *15 1/2 bbl*

EQUIPMENT

OWNER

CEMENT

AMOUNT ORDERED

*180 lb Com 32*

COMMON	<i>180</i>	@	<i>870</i>	<i>1566.00</i>
POZMIX		@		
GEL	<i>4</i>	@	<i>14.00</i>	<i>56.00</i>
CHLORIDE	<i>6</i>	@	<i>38.00</i>	<i>228.00</i>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>190</i>	@	<i>1.60</i>	<i>304.00</i>
MILEAGE	<i>6 F/ST/mile</i>			<i>433.20</i>
TOTAL				<i>2,587.20</i>

PUMP TRUCK CEMENTER *B:4*

# *177* HELPER *Blair*

BULK TRUCK

# *282* DRIVER *Rogan*

BULK TRUCK

# DRIVER

REMARKS:

*Cement did fine*

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *670.00*

EXTRA FOOTAGE @

MILEAGE *38* @ *5.00* *190.00*

~~REMOVED~~ @

TOTAL *860.00*

CHARGE TO: *Herman Loeb*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

MANIFOLD @

*8 1/2 plug* @ *55.00*

@

@

@

TOTAL *55.00*

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.

SIGNATURE *Don Anderson*

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

*Don Anderson*  
PRINTED NAME

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KCC WICHITA

# ALLIED CEMENTING CO., INC. 16513

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

SERVICE POINT:  
Russell

DATE <u>7-28-05</u>	SEC <u>33</u>	TWP <u>12</u>	RANGE <u>17W</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>12:01 PM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>6:15 PM</u>
LEASE <u>Schmidt</u>		WELL# <u>AC-2</u>	LOCATION <u>CATHERINE 1E 2 2 N 20</u>		COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
<input checked="" type="radio"/> OLD OR <input type="radio"/> NEW (Circle one)							

CONTRACTOR American Eagle

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3669'

CASING SIZE 5 1/2 DEPTH 3665'

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

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

TOOL JOINT 4 1/2" Assy DEPTH 3634'

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

MEAS. LINE \_\_\_\_\_ SHOE JOINT 31'

CEMENT LEFT IN CSG. 31'

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

DISPLACEMENT 8 3/4" BAL

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Mike

# 345 HELPER Craig

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

# 362 DRIVER Keith

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

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

OWNER \_\_\_\_\_

CEMENT \_\_\_\_\_

AMOUNT ORDERED 150 SK ASC 27 Cu ft

1/2" FW SEAL PER SK

1000# GAL WFR-2 FLUSH

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

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

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

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

ASC \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 27 Ton Mile

TOTAL \_\_\_\_\_

REMARKS:

part collar on # 75 (1290)

Land Plug @ 1500 # (1660)

15 SK @ CAT Hole

THANKS

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 27 mile \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

ROTATING HEAD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: HERMAN LOEB

STREET \_\_\_\_\_

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

5 1/2 CSg WEATHERFORD

PLUG & FLOAT EQUIPMENT

15 FT 1- Guide Shoe

MANIFOLD ROTATING SCRAMAS

LATCH DOWN Plug Assy

1- RSK @ \_\_\_\_\_

10- CEMENT @ \_\_\_\_\_

1- PART COLLAR @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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.

SIGNATURE Don Anderson

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Don Anderson

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 KCC WICHITA

# ALLIED CEMENTING CO., INC.

21479

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: 2

DATE <u>8-3-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>11.15 AM</u>
LEASE <u>SCHWITT</u>	WELL # <u>PC-2</u>	LOCATION <u>CATHERINE 1E 2 1/2 NW</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)							

CONTRACTOR ALLIANCE

TYPE OF JOB PORT COLLAR

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_

TUBING SIZE 2 1/2 DEPTH \_\_\_\_\_

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

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER STEVE

# 345 HELPER CRAIG

BULK TRUCK

# 396 DRIVER CARLY BRIDAN

BULK TRUCK

# 282 DRIVER LETHA

**REMARKS:**

P. COLLAR 1292 TEST CSG TO 1000

OPEN TOOL MAX 250 LITE 50 COM

OTHC CEMENT CLOSE TOOL PRES TO

1000' RUN 5-JTS WASH CLEAN

CHARGE TO: HELMAN LOEB

STREET \_\_\_\_\_

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

OWNER \_\_\_\_\_

**CEMENT**

AMOUNT ORDERED 300 6 1/4 4 1/2 GEL

50 COM 142.8 FLO

USED 250 LITE 50 COM

COMMON	<u>200</u>	@	<u>8.70</u>	<u>1,740.00</u>
POZMIX	<u>100</u>	@	<u>4.70</u>	<u>470.00</u>
GEL	<u>18</u>	@	<u>14.00</u>	<u>252.00</u>
CHLORIDE		@		
ASC		@		
<u>FLO SEAL</u>	<u>75</u>	@	<u>1.70</u>	<u>127.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>1.60</u>	<u>588.80</u>
MILEAGE	<u>6 # / 51¢ / mile</u>			<u>596.16</u>
<b>TOTAL</b>				<u>3,774.46</u>

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 785.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 27 @ 5.00 135.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

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**PLUG & FLOAT EQUIPMENT**

TOTAL 920.00