

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

API NO. 15- 179-20,606-0001

County Sheridan

SW NW NE NE Sec. 13 Twp. 9S Rge. 27 X E

4290 Feet from (S) (circle one) Line of Section

2310 Feet from (E) (circle one) Line of Section

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

Lease Name Breeden Well # 1

Field Name George, West

~~Producing~~ **REPRESSURED** Formation Lansing-Kansas City

Elevation: Ground 2678 KB 2689

Total Depth 4078 (LTD) PBD 3958

Amount of Surface Pipe Set and Cemented at 307 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1985

feet depth to surface w/ 480 sx cmt.

Drilling Fluid Management Plan REENTRY JK 11-10-97  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite:

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
Operator Name \_\_\_\_\_

Lease Name 10-23-97 License No. \_\_\_\_\_

Quarter OCT 23 1997 Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County CONSERVATION DISTRICT Docket No. \_\_\_\_\_  
WICHITA, KS

Operator: License # 31897

Name: Foundation Resources, LLC

Address P.O. Box 789

Goddard, KS 67052

City/State/Zip \_\_\_\_\_

Purchaser: Koch

Operator Contact Person: Robert Stolzle

Phone (316) 794-3400

Contractor: Name: Plains, Inc.

License: 4072

Wellsite Geologist: Casey Galloway

Designate Type of Completion  
\_\_\_\_\_ New Well XXX Re-Entry \_\_\_\_\_ Workover

\_\_\_\_\_ Oil \_\_\_\_\_ SMD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas XXX ENHR \_\_\_\_\_ SIGW  
\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: Lochiel Expl. (Petroventur)

Well Name: Breeden #1

Comp. Date 8/17/81 old Total Depth 4078'

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SMD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBD  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
X \_\_\_\_\_ Other (SMD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

6-13-97 Date of REENTRY 6-23-97 Date Reached TD 6/13/97 - 0440 Completion Date 6/23/97

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 Robert Stolzle

Title Member Date 10/23/97

Subscribed and sworn to before me this 23<sup>RD</sup> day of OCTOBER, 19 97.

Notary Public Janice K. Bright

Date Commission Expires MARCH 26, 2001

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



SIDE TWO

Operator Name Foundation Resources, LLC Lease Name Breeden Well # 1

Sec. 13 Twp. 9S Rge. 27  
 East  
 West

County Sheridan

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  Yes  No  
 (Attach Additional Sheets.) Test Data Not Available  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.) Previously submitted  
 List All E.Logs Run: GR/Guard/SWN  
 CD/CDL  
 CAVL  
 CBL 7/15/96  
 Temp. Surv. 5/14/97

Name	Top	Datum
Stone Corral	2290	+399
Topeka	3588	-898
Heebner	3800	-1111
Toronto	3821	-1133
Lansing	3840	-1151
Base KS City	4065	-1376

CASING RECORD <input 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	307'	Common	225	3% CaCl 2% gel
Production	7 7/8"	4 1/2"	10.5	4064'	1:1 Poz	300	10% salt 7.5% F.R.

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	surface	60-40 poz mix	400	8% gel
<input checked="" type="checkbox"/> Protect Casing	1985'	common	80	3% CaCl
<input type="checkbox"/> Plug Back TD	23170-	15		
<input type="checkbox"/> Plug Off Zone	3233	common	150	3% CaCl

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
2	3904-3916' (LKC E-F) orig. comp. Model "R" pkr at 3783' set in tension	1250 gal 15% HCl to isolate perfs & annu 3783'

TUBING RECORD		Size	Set At	Packer At	Liner Run			
		2 3/8"	3783'	3783'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or Inj.			Producing Method					
6/15/97 first inj.			SWIW <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	N/A							

Disposition of Gas: METHOD OF COMPLETION  
 Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval injection zone 3904-3916'

# ALLIED CEMENTING CO., INC.

8343

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

ORIGINAL

SERVICE POINT:

*Russell*

DATE <b>5-13-97</b>	SEC.	TWP.	RANGE	CALLED OUT <b>5:00 AM</b>	ON LOCATION <b>8:00 AM</b>	JOB START <b>9:30 AM</b>	JOB FINISH <b>7:30 PM</b>
LEASE <b>Green</b>	WELL # <b>1</b>	TWP. <b>T14N</b>	LOCATION <b>QUINCY 14N 3W 1/2N 34E</b>	COUNTY <b>SENECA</b>	STATE <b>KANSAS</b>		
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR **Phon Well Service**

TYPE OF JOB **Squeeze (Circ. Cement)**

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

CASING SIZE **4 1/2** DEPTH \_\_\_\_\_

TUBING SIZE **2 3/8** DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH **320'**

TOOL **Rick Pipe - Midcon** DEPTH **3233' - 1884'**

PRES. MAX **1500#** MINIMUM \_\_\_\_\_

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

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

PERFS. **1925' - 85"**

DISPLACEMENT **1100's @ 3138-3170 / 3170-3233**

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED **450 SK 1/4" 8% GEL**

**19" FR. SEAL PER SK**

**2 SK SAND 100 SK Com 3200**

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

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

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

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

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

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

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

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

HANDLING **RECEIVED** @ \_\_\_\_\_

MILEAGE **KANSAS CORPORATION COMMISSION**

PUMP TRUCK CEMENTER **[Signature]**

# **177** HELPER **[Signature]**

BULK TRUCK

# **213** DRIVER **[Signature]**

BULK TRUCK

# **305** DRIVER **[Signature]**

OCT 23 1997 TOTAL \_\_\_\_\_

REMARKS:

**Change Plug @ 3567' Set Packer @ 3544' Test**

**Feels to 1500# (Held) Spot 200 SK Com 3% GEL, Found 1100's**

**@ 3138-70, 1/4" 8% GEL, 3170-3233'**

**Very Tight Spot 200 SK Com 3% GEL, Pump to 2730**

**Set Packer, Squeezed to 1,000' Perf @ 1925-85**

**Set Packer @ 1884' Press. Breakdown to 500# (Held)**

**Mixed 45 SK GEL, 1500' Ash, 200 SK 1/4" 8% GEL,**

**80 SK Com 3% GEL. ANNULAS D.D. NOT CIRC. MIXED**

**200 SK. DOWN ANNULAS @ 3170'**

**THANKS**

CONSERVATION DIVISION  
WICHITA SERVICE

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

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

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

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

PLUG \_\_\_\_\_ @ \_\_\_\_\_

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

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

CHARGE TO: **FOUNDATION RESOURCES**

STREET \_\_\_\_\_

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

FLOAT EQUIPMENT

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

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

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

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

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

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.

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

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

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

SIGNATURE **Robert Stagle**

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



# ALLIED CEMENTING CO., INC.

8345

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

ORIGINAL

SERVICE POINT:

Russell

DATE <u>5-15-97</u>	SEC.	TWP.	RANGE	CALLED OUT <u>6:00am</u>	ON LOCATION <u>8:30am</u>	JOB START <u>9:00am</u>	JOB FINISH <u>8:15PM</u>
LEASE	WELL #	LOCATION <u>WINTER 14 N 30 1/2 N</u>		COUNTY	STATE <u>KANSAS</u>		
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR Phas Well Service  
 TYPE OF JOB \_\_\_\_\_  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8 DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Mud Com. Cut off DEPTH 3011  
 PRES. MAX 2,200\* MINIMUM 500\*  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 3142-3182-3222  
 DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 100 SK CEM.  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 RECEIVED \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING CORPORATION COMMISSION \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_

EQUIPMENT  
 PUMP TRUCK CEMENTER Blair  
 # 177 HELPER Will  
 BULK TRUCK  
 # 380 DRIVER Shane R.  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OCT 23 1997  
 TOTAL \_\_\_\_\_  
 CONSERVATION DIVISION  
 WICHITA, KS  
 SERVICE

REMARKS:  
Set Pump @ 3233', Pressure Tubing Size 7 1/2  
1500" (11.0) Set Pump @ 3114' & Pressure  
Base Size to 500" (11.0) Log-Tech PERE  
Control @ 3142-3182-3222. Set  
Pump @ 3011' Pressure Base to 7-500"  
(11.0) Total Injection Rate of 1 1/2 BPM  
1200" Mixed SK Cement Had Run at  
Pressure @ 2200". Washed Around Filter  
2,100 LBS. PRESSURED, COULD NOT GET 1200"  
WASH. PRESSURE CUT RUBBER. (REQUIRED ADJ. IND.  
500" on Base)

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
2" Here. STRIPPER @ \_\_\_\_\_  
RUBBER @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

CHARGE TO: FOUNDATION RESOURCES  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

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.

TOTAL \_\_\_\_\_  
 TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Robert Stagle

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

# ALLIED CEMENTING CO., INC.

8346

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

ORIGINAL

SERVICE POINT: Russell

DATE <u>5-16-97</u>	SEC.	TWP.	RANGE	CALLED OUT <u>5:30 AM</u>	ON LOCATION <u>7:30 AM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>3:00 PM</u>
LEASE	WELL # <u>1</u>	Twp.	LOCATION <u>Quarter 14 N 3 W 31 N 9 E</u>	COUNTY <u>JACKSON</u>	STATE <u>KANSAS</u>		

OLD OR NEW (Circle one)

CONTRACTOR Pauls Well Service  
 TYPE OF JOB Spill (Flow log)  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE 4 1/2 DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8 DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Mud Log, Flow Log DEPTH 1884  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 1775 - 85  
 DISPLACEMENT \_\_\_\_\_

OWNER

CEMENT (USED 80 SA)  
 AMOUNT ORDERED 150 25 Clean 37 cc

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
MILEAGE

OCT 23 1997

TOTAL \_\_\_\_\_

CONSERVATION DIVISION  
WICHITA, KS

SERVICE

REMARKS:

Found CSG leak @ old set of perfs  
 1775-85 Set failed @ 1884 Pressure  
 Bails, up to 500# (Hold) Took Insulation  
 Hole of 1 BPM @ 700#. Mixed  
 80 SA Cement Staged & Spurred  
 @ 1200#. Washed around packer  
 Retest to 1500# (Hold) Packed  
 I.T. Pressured to 500# @ 1100 ft  
 Thanks

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Foundation Resources  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

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

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.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Robert Stagle

PRINTED NAME