

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

API NO. 15- 155-214090000

ORIGINAL

County Reno

E/2 E/2-SW/4 Sec. 34 Twp. 24 Rge. 9

1320 Feet from SW (circle one) Line of Section

2970 Feet from EW (circle one) Line of Section

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

Lease Name SCHMUCKER Well # 1

Field Name Breidenstein NW Ext

Producing Formation _____

Elevation: Ground 1689 KB 1694

Total Depth 3853' PBTD _____

Amount of Surface Pipe Set and Cemented at 254' 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 cnt.

Drilling Fluid Management Plan D&A 97 5-7-97
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume 1500 bbls

Dewatering method used Normal Settling

Location of fluid disposal if hauled offsite: 1997 MAY 13 5-5-97

Operator Name Gee Oil Service

Lease Name Rogers License No. SO3546

Quarter 34 Sec. 23 Twp. 23 S. Rng. 13 E. 10

County Stafford Docket No. D-23350

Operator: License # 7383

Name: Grady Bolding Corporation

Address P.O. Box 486

City/State/Zip Ellinwood, Kansas 67526

Purchaser: na

Operator Contact Person: Grady Bolding

Phone (316) 564-2240

Contractor: Name: L. D. DRILLING, INC.

License: 6039

Wellsite Geologist: J.C. Musgrove

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/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back _____ PBTD _____

Conmingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

4-15-97 4-21-97 _____
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 Grady Bolding

Title President Date 5-2-97

Subscribed and sworn to before me this 2nd day of May 19 97.

Notary Public [Signature]

Date Commission Expires 1-8-98

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

LYLE L. GUNN
Notary Public - State of Kansas
My Appt. Expires 1-8-98

Operator Name GRADY BOLDING CORPORATION

Lease Name SCHMUCKER

Well # 1

ORIGINAL
 Sec. 9 Twp. 24 Rge. 9

East

County RENO

West

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.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
HEEBNER	3131	-1437
TORONTO	3146	-1452
<i>See Attached</i>		
DOUGLAS	3158	-1474
LANSING	3342	-1648
BASE KC	3698	-2004
CHEROKEE SHALE	3797	-2103
CONGLOMERATE	3820	-2126
MISSISSIPPI	3839	-2145

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	12 1/4"	8 5/8"	20#	254'	60/40 Poz	195	2% Gel, 3% cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj.	Producing Method
D&A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil N/A Bbls.	Gas N/A Mcf	Water N/A Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

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

ALLIED CEMENTING CO., INC. 7164

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

COPY

SERVICE POINT: 40

DATE <u>4-15-97</u>	SEC <u>34</u>	TWP <u>24</u>	RANGE <u>9</u>	CALLED OUT <u>12:30 PM</u>	ON LOCATION <u>2:00 PM</u>	JOB START <u>3:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Schmuck</u>	WELL # <u>1</u>	LOCATION <u>Phavna 45 1/2 E N15</u>			COUNTY <u>Nevo</u>	STATE <u>K.S.</u>	

OLD OR NEW (Circle one)

CONTRACTOR L.D. Drilling Rig

TYPE OF JOB Surface Pipe

HOLE SIZE 12 1/4 T.D. 255 ft.

CASING SIZE 20" New Pipe DEPTH 255 ft.

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 100 ft. MINIMUM _____

MEAS. LINE 239 ft SHOE JOINT _____

CEMENT LEFT IN CSG. 15 ft

PERFS. Displace mud 15.5 bbl

OWNER Same

CEMENT

AMOUNT ORDERED 195 @ 3.75 = 727.50

COMMON	<u>117</u>	@	<u>6.10</u>	<u>713.70</u>
POZMIX	<u>78</u>	@	<u>3.15</u>	<u>245.70</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>195</u>	@	<u>1.05</u>	<u>204.75</u>
MILEAGE	<u>50</u>			<u>390.00</u>

TOTAL \$ 1750.65

EQUIPMENT

PUMP TRUCK CEMENTER Mike M

120 HELPER Diane S.

BULK TRUCK

342 DRIVER Rick W.

BULK TRUCK

_____ DRIVER _____

REMARKS:

Circulate the Hole with Rig Mud Pump

Mid Cement + Release the plug

Displace plug Down with water

Cement did Circulate to surface

SERVICE

DEPTH OF JOB	<u>255 ft</u>		
PUMP TRUCK CHARGE			<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>50</u>	@	<u>2.85</u> <u>142.50</u>
PLUG <u>1-8" wooden plug</u>		@	<u>23.00</u> <u>23.00</u>
		@	
		@	

TOTAL \$ 610.50

CHARGE TO: Grady Bolding Corp.

STREET P.O. Box 486

CITY West Bend STATE K.S. ZIP 67570

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			<u>233</u>

TOTAL \$ 233

TAX	<u>-0-</u>
TOTAL CHARGE	\$ <u>2361.15</u>
DISCOUNT	\$ <u>354.18</u> IF PAID IN 30 DAYS

Net \$ 2006.97

Thank You
Allied Cementing Co. Inc
Mike + Diane + Rick

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 [Signature]

RECEIVED
TRANSACT CORP
997 MAY -4 P 233

ALLIED CEMENTING CO., INC.

5532

COPY

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

SERVICE POINT:

St Bend

DATE <u>4-21-97</u>	SEC. <u>34</u>	TWP <u>24</u>	RANGE <u>9</u>	CALLED OUT <u>4:15AM</u>	ON LOCATION <u>7:00AM</u>	JOB START <u>7:45AM</u>	JOB FINISH <u>8:45AM</u>
LEASE <u>Schmucker</u>		WELL # <u>Prospect</u>		LOCATION <u>Plummer - 45, 1 1/2 E, S/S</u>		COUNTY <u>Reno</u>	STATE <u>Ks</u>

OLD OR NEW (Circle one)

CONTRACTOR <u>L.D. Dale</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Rotary Plug</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>3853'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>1425'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED <u>150 lbs 60/40 490 Hbl</u>
COMMON _____ @ _____
POZMIX _____ @ _____
GEL _____ @ _____
CHLORIDE _____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
HANDLING _____ @ _____
MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK # <u>181</u>	CEMENTER <u>Tom B</u>
	HELPER <u>Bob B</u>
BULK TRUCK # <u>69</u>	DRIVER <u>Paul W</u>
BULK TRUCK # _____	DRIVER _____

REMARKS:

Mixed - 35 lbs @ 1425'
35 lbs @ 800'
35 lbs @ 300'
15 lbs @ 60'
15 lbs in Pot hole
15 lbs in water well
T. Dale

SERVICE

DEPTH OF JOB <u>1425'</u>
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE # _____ @ _____
MILEAGE _____ @ _____
PLUG <u>1-8 3/4 Day hole</u> _____ @ _____
_____ @ _____

TOTAL _____

CHARGE TO: Grady Bolding comp
 STREET P.O. Box 486
 CITY Ellinwood STATE Ks ZIP 67526

FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

TOTAL _____

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

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 XERO DAWSON

1997 MAY - J 2:33
 KANSAS COMP COMPTON

3400-3406' Limestone; tan to brown, FXL to dense, slightly fossiliferous, no shows.

3420-3426' Limestone; cream to white, chalky slightly fossiliferous, no shows.

3460-3478' Limestone; gray to cream, mealy, chalky, slightly fossiliferous, no shows.

3512-3517' Limestone; cream, oocastic, good oocastic porosity, no shows.

3540-3550' Limestone gray to cream, chalky, oolitic to fossiliferous, no shows of oil.

3582-3588' Limestone; gray fossiliferous, slightly chalky, no shows.

3617-3621' Limestone; gray, finely oocastic, good oocastic porosity, no shows.

CONGLOMERATE SECTION

3820-3836' Vari-colored opaque chert in matrix of vari-colored shales. Traces of very fine grained, consolidated, quartz sand, poor porosity, dark black gilsonitic stain. No free oil, no odor in fresh samples.

MISSISSIPPI SECTION

3839-3841" Chert; white, opaque and white dense limestone.

3841-3853' Chert; white to gray, tripolitic, good porosity in leached areas. Good light to dark brown stain and saturation. Good show free gassy oil and good odor in fresh samples, traces of white, fresh opaque, blocky chert.

Drill Stem Test #1 3843-3853' (Mississippi)

Open: IF 45 min.
 FF 45 min.

Blow: Strong

Recovery: 110' gas in drill pipe
 250' water

Pressures: ISIP 1320# (45")
 FSIP 1347# (45")
 FP (35-105) (117-141)#
 HSH 1946-1946#

RECEIVED
 KANSAS CORP. DIV.
 1997 MAY -5 P. 2 33