

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

ORIGINAL

API NO. 15- 171-20,439-0000

County Scott

N/2 NW-SW - Sec. 18 Twp. 18S Rge. 31W X E
W

Operator: License # 5886

2310 FSL Feet N/S (circle one) of Section Line

Name: Chief Drilling, Inc.

4620 FEL Feet E/W (circle one) of Section Line

Address 224 E. Douglas, #530

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

City/State/Zip Wichita, KS 67202

Lease Name Weisenberger Well # 1-18

Purchaser: Koch

Field Name _____

Operator Contact Person: Douglas W. Thimesch

Producing Formation Marmaton/Pleasanton

Phone (316) 262-3791

Elevation: Ground 2960 KB 2967

Contractor: Name: Chief Drilling, Inc.

Total Depth 4610 PBDT 4411

License: _____

Amount of Surface Pipe Set and Cemented at 270 Feet

Wellsite Geologist: Ronald G. Dulos

Multiple Stage Cementing Collar Used? X Yes _____ No

Designate Type of Completion

X New Well _____ Re-Entry _____ Workover

If yes, show depth set 2258 Feet

X OIL _____ SWD _____ SIOW _____ Temp. Abd.

If Alternate II completion, cement circulated from 2258'

_____ Gas _____ ENHR _____ SIGW

feet depth to surface w/ 400 35-9 ex cmt.

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

Drilling Fluid Management Plan _____ /2-13-91
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Chloride content 10,000 ppm Fluid volume 500 bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD

Operator Name _____

_____ Plug Back _____ PBDT

_____ Commingled _____ Docket No. _____

Lease Name _____ License No. _____

_____ Dual Completion _____ Docket No. _____

_____ Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

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

County _____ Docket No. _____

10-24-91 11-15-91 12-3-91

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Douglas W. Thimesch
Title Vice President Date 12-9-91

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

Subscribed and sworn to before me this 9 day of December, 1991.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-95

DEC 12 1991
12-11-91
Form ACO-1 (7-91)
Jan 25 1993
CONFIDENTIAL

Sec. 18 Twp. 18 Rge. 31
 East
 West

County Scott

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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

List All E.Logs Run:

Radiation Guard Log
 Gamma Ray Bond Log

See attached sheet

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"	20#	270	60/40 pozmix	170	3%cc, 2%gel
production	7 7/8"	4 1/2"	20#	4425	ASC	225	10bbl.flush

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
4	4286-4292', 4302-4306'		1500 gal. 15% INS	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
135 jts. N		2 3/8"	4407'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SVD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
12-3-91							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
60 BOPD	-0-	-0-	-0-		34°		

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 _____

ORIGINAL

Chief Drilling, Inc. (Op. #5886)
224 E. Douglas, #530
Wichita, Kansas 67202

#1-18 Weisenberger
API #15-171-20,439
N/2 NW SW, Sec. 18-18S-31W
Scott County, Kansas

CONFIDENTIAL

ACO-1 ATTACHMENT SHEET

FORMATION TOPS:

Anhydrite	2272	+695
Base/Anhy	2297	+670
Heebner	3875	-908
Toronto	3898	-931
Muncie Creek	4100	-1133
Stark	4196	-1229
BKC	4277	-1310
Marmaton	4303	-1336
Pawnee	4405	-1438
Ft. Scott	4445	-1478
Cherokee	4465	-1498
Mississippi	4550	-1583
RTD	4610	-1643

LOG TOPS:

Anhydrite	2272	+695
Base/Anhy	2290	+677
Heebner	3874	-907
Lansing	3925	-958
Stark	4195	-1228
BKC	4277	-1310
Marmaton	4302	-1335
Ft. Scott	4445	-1478
Mississippi	4545	-1578
LTD	4610	-1643

DST #1 3874-3950 (Tor. & Lans'A')
Strong blow off bottom of bucket
in 10" 30-45" 60-60", Rec. 2' Oil,
400' wtr. Chlorides 57,000
FP 89/133# 178/223# BHP 759/715#

DST #2 3948-3973 (Lans'B')
30-45" 60-60" Rec. 280' GIP,
95' MO (95% O, 5% M) FP 44/44#,
71/71#, BHP 401/357#

DST #3 3973-4030 (Lans'D'&'E')
30-30" 30-30", Rec. 2260' wtr.,
Chl. 68,000, FP 312/894#, 939/1028#,
BHP 1028/1028#

DST #4 4100-4170 (Lans'H'&'I')
30-30" 30-30", Rec. 990' wtr., Chl 69,000
FP 89/223#, 223/357#, BHP 965/965#

DST #5 4169-4230 (Lans'J' &'K')
30-30" 30-30"
Rec. 1650' wtr., Chl. 62,000. FP 133/446#
491/715#, BHP 983/983#

DST #6 4275-4370 (Pleas &Marm)
30-30" 30-30" Strong blow off bottom
immediately. Rec. 970' clean gassy oil,
34°, 100' muddy oil (80% O, 20% M)
BHP 1028/1028#, FP 133/223#, 312/401#

DST #7 4349-4370 (Marm'B')
30-15" & out. Rec. 10' O spt. Mud
BHP 894#, FP 44/44#

DST #8 4373-4470 (Marm'C', Pwn, Ft.S)
30-30" 30-30", Wk blo that died
Rec. 4' Mud. IF 35/35# 35/35#,
BHP 44/35#

DST #9 4453-4550 (Cher.& Johnson)
30-30" 30-30", Rec. 3' mud
FP 35/35# 35/35#, BHP 44/35#

DST #10 4457-4610 (Mississippi)
30-30" 30-30", Rec. 20' Oil spotted mud
FP 44/44# 44/44#, BHP 715/401#

RELEASED

RECEIVED

STATE OIL & GAS COMMISSION

Jan 25 1993

DEC 1 1991

FROM CONFIDENTIAL

Phone 913-483-2627, Russell, Kansas
 Phone 316-798-3861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

No. 2997

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	10-24-91	Sec.	18	Twp.	18	Range	31	Called Out	11:00 AM	On Location	1:00 PM	Job Start	2:30 PM	Finish	3:00 PM	
Lease	Weisendingen		Well No.	1-18		Location	Harrison 4W 1/2 N			County	Scott	State	Kansas			
Contractor	Chief															
Type Job	Surface															
Hole Size	12 1/4					T.D.	273'									
Csg.	8 5/8					Depth	272'									
Tbg. Size						Depth										
Drill Pipe						Depth										
Tool						Depth										
Cement Left in Csg.	15'					Shoe Joint										
Press Max.						Minimum										
Meas Line	NG					Displace	16.7									
Perf.																

Owner *same*
 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 listed.

Charge To *Chief Drilling*
 Street *Box 240*
 City *Harrison* State *Ko* 67544
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Charles A. Sinkel*

CEMENT

Amount Ordered	170 AX 40/40 poz 2% gel 3% cc		
Consisting of			
Common	102	5.25	535.5
Poz. Mix	68	2.25	153.0
Gel.	3	6.75	NIC
Chloride	5	21.00	105.0
Quickset			

Handling	170	1.00	170.00
Mileage	49		333.2
Sub-Total			
Total			1296.70

EQUIPMENT

Pumptrk	No.	Cementer	
	158	Helper	
Pumptrk	No.	Cementer	J.D.
		Helper	Bob
		Driver	KEITH
Bulktrk	116		
Bulktrk		Driver	

Floating Equipment
 Total \$ 1816.70
 Disc - 272.51

RELEASED
 2025/11/15 1544.19

DEPTH of Job

Reference:	Pump trk charge	380.00
49	Mileage	98.00
18 5/8 TWP		42.00
	Sub-Total	
	Tax	
	Total	520.00

Remarks: *Cement did circulate.*

RECEIVED
 STATE CORP. & REG. COMMISSION

DEC 1 1991

Thank you

FROM CONFIDENTIAL

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

<i>New</i>	Sec.	FWP.	Range	Called Out	On Location	Job Start	Finish
Date 11-15-91	18	18	31	11:00 AM	1:00 PM	2:30 PM	8:00 PM
Lease <i>Weisenberger</i>	Well No. 1-18		Location <i>Highston 4W 1/2 N</i>			County <i>Scott</i>	State <i>Ks</i>
Contractor <i>Chief Drilling</i>				Owner <i>Chief</i>			
Type Job <i>Longsting</i>				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 listed.			
Hole Size <i>7 1/2</i>		T.D. <i>4610'</i>		Charge To <i>Chief Drilling Co Inc -</i>			
Csg. <i>4 1/2 Rv</i>		Depth <i>4418'</i>		Street <i>Box 240</i>			
Tbg. Size		Depth		City <i>Highington</i> State <i>Ks 67544</i>			
Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool <i>Post collar</i>		Depth		Purchase Order No.			
Cement Left in Csg.		Shoe Joint		<i>X Clay</i>			
Press Max. <i>1000*</i>		Minimum		CEMENT			
Meas Line <i>yes</i>		Displace <i>70.0</i>		Amount Ordered <i>225ax ASC, 10 BBL WFR 2</i>			
Perf.				Consisting of			

EQUIPMENT

<i>New</i>	No.	Cementer	<i>J.R. Drilling</i>
Pumptrk # <i>158</i>		Helper	
Pumptrk	No.	Cementer	
		Helper	<i>Bob</i>
Bulktrk # <i>220</i>		Driver	<i>Keith</i>
Bulktrk		Driver	

Common	<i>225 ASC</i>	<i>7.25</i>	<i>1631.2</i>
Poz. Mix			
Gel.			
Chloride			
Quickset			
	<i>WFR 2 - 420 gals</i>	<i>.50</i>	<i>210.0</i>
		<i>Sales Tax</i>	
Handling	<i>225</i>	<i>1.00</i>	<i>225.0</i>
Mileage	<i>49</i>		<i>441.0</i>
Total	<i>4340.25</i>		
Disc	<i>651.04</i>		
	<i>\$ 3689.21</i>		
		Total	<i>2507.</i>

DEPTH of Job		Reference:	
		<i>Pumptrk change</i>	<i>880.00</i>
	<i>49</i>	<i>mileage</i>	<i>98.00</i>
	<i>1. 4 1/2</i>	<i>rubber plug</i>	<i>33.00</i>
		<i>Sub-Total</i>	
		Total	<i>1011.00</i>

Floating Equipment	
<i>guide shoe</i>	<i>- 109.00</i>
<i>insert</i>	<i>- 169.00</i>
<i>2 Baskets</i>	<i>- 226.00</i>
<i>6 Centralizers</i>	<i>- 258.00</i>
<i>rotating head</i>	<i>- 60.00</i>
	<i>822.00</i>

Remarks: *Float did hold.*

RECEIVED

RELEASED

STATE CORPORATION COMMISSION

Thank you for 25-1983

Allied Cementing Co. Inc. DEC 1 1991

NO WARRANTY ON FLOAT EQUIPMENT

FROM CONFIDENTIAL

New

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date	No	22-91	Sec.	18	Twp.	18	Range	31	Called Out	5:00 PM	On Location	9 AM	Job No.	945	Finish	11/7/91
Location	Weinberger		Well No.	1-18		Location		Krislow 4 W 2 N			County	Scott	State	KS		
Contractor	Chapman Well Surface															
Type Job	Port Collar															
Hole Size	7 1/8		T.D.													
Csg.	4 1/2		Depth													
Tbg. Size	2"		Depth													
Drill Pipe	Depth															
Tool	BACO		Depth													
Cement Left in Csg.	NONE		Shoe Joint													
Press Max.	700#		Minimum													
Meas Line	Displace															
Perf.	Port Collar @ 2258															

Owner Same
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 listed.

Charge To Chief Drily Co
Street Box 240
City Hoisington State KS 67544
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X Day Lidenmuth

EQUIPMENT

Pumptrk	No. 158	Cementer	ND
		Helper	
Pumptrk	No.	Cementer	J.D
		Helper	
Bulktrk	220	Driver	Keith
Bulktrk		Driver	

DEPTH of Job		
Reference:	Pump trk	475.00
49	Mileage	98.00
Total		573.00

CEMENT		
Amount Ordered	400 Lts	1/4# - NOSEAL - 26al
Consisting of	oil 5.8%	wood 359 sks.
Common		
Poz. Mix		
359 Lts.	4.25	1525.75
Chloside Gel-2	6.75	13.50
Quickset		
Flo Seal - 90	1.00	90.00
Handling	400	1.00 400.00
Mileage	49	784.00
Sub-Total		2813.25

Floating Equipment FROM CONFIDENTIAL
Cement Return 41 SACKS-

TOTAL \$ 3,386.25

Disc - 507.94

\$ 2878.31

Thank you

RELEASED

RECEIVED