

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

**ORIGINAL**

KCC

APR 30

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 120 S. Market #300

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Kevin Howard

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:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

3-26-92 4-6-92 4-23-92

Spud Date Date Reached TD Completion Date

API NO. 15- 171-20,443-00-00

County Scott

NW - SE - SW. 9 Sec. 19S Twp. 31W E

AP90 FSL Feet from S/W (circle one) Line of Section

3730 FEL 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 Ball Well # 1-9

Field Name unnamed

Producing Formation Mississippi

Elevation: Ground 2973 KB 2980

Total Depth 4617 PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 2450 Feet

Alternate II completion, cement circulated from 2450

feet depth to 1030 w/ 465 plus 170' sx down backside annulus. sx cnt.

Drilling Fluid Management Plan 5-5-92  
(Data must be collected from the Reserve Pit)

Chloride content 10 ppm Fluid volume 642 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. \_\_\_\_\_

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 4-30-92

Subscribed and sworn to before me this 30 day of April, 19 92.

Notary Public Betty M. Abbott  
Date of Commission 1-22-92  
My Appt. Exp. 1-22-98

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
KCC   
KGS   
STATE CORPORATION COMMISSION  
NGPA   
Other (Specify) \_\_\_\_\_  
MAY 1 1992

Operator Name Chief Drilling, Inc. Lease Name Ball Well # 1-9

Sec. 9 Twp. 19S Rge. 31W  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.)  
 List All E.Logs Run:

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

Thermal Log  
 Gamma-Neutron Bond Log

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"	20#	268	60/40 Poxmix	140	3%cc, 2%gel
Production	7 7/8"	4 1/2	10#	4600	common	100	1/2# flo seal / 10 bbl flush

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	1030 to 2450	60/40 ALT	465	
<input checked="" type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	from surface	60/40 ASC	170	8% gel
<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	
	none			

TUBING RECORD Size 2 3/8" Set At 4395' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 4-23-92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 75 Bbls. Gas -0- Mcf Water -0- Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity 31°

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)  
120 S. Market, #300  
Wichita, Kansas 67202

KCC

APR 30

CONFIDENTIAL

#1-9 BALL  
API #15-171-20,443-00-00  
NW SE SW  
Sec. 9-19S-31W  
Scott Co., Kansas

## ACO-1 ATTACHMENT SHEET

### FORMATION TOPS:

Anhydrite	2252	+728
Base/Anhy	2270	+710
Krider	2752	+228
Winfield	2799	+181
Towanda	2859	+121
Fort Riley	2913	+ 67
Heebner	3898	- 918
Toronto	3915	- 935
LKC	3937	- 957
Muncie Creek	4135	-1155
Stark	4233	-1253
BKC	4339	-1359
Marmaton	4361	-1381
Pawnee	4451	-1471
Ft. Scott	4495	-1515
Cherokee	4517	-1537
B/Cherokee Lime	4577	-1597
Mississippi Lime	4598	-1618
Miss. Dolomite(?)	4616	-1636
RTD	4617	-1637

RELEASED

MAY 4 1993

FROM CONFIDENTIAL

(no log tops)

### DST #1 2747-2775'

30-45" 60-45"

Rec. 65' mud. FP 41/41#, 41/41#,  
BHP 223/223#, Hyd 1164/1119#

### DST #2 4242-4255

30-30" 30-30"

Weak blow through out. Rec. 270'  
water, chlorides 61,000  
FP 44/44# 123/153#, BHP 1119/1119#  
Hyd 2077/2031#, Temp 127°

### DST #3 4490-4510

30-30" 30-30", Wk blow died 5"

Rec. 5' mud, FP 35/35#, 35/35#  
BHP 35/35#, Hyd 1939/1893#, 121°

RECEIVED  
STATE CORPORATION COMMISSION  
MAY 1 1992  
CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

KCC

RELEASED

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

APR 30

CONFIDENTIAL

Phone Plainville 913-434-2812

Phone Ness City, 913-798-3843

FROM CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

3319

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	3-26-92	Sec.	9	fwp.	195	Range	31W	Called Out	2:30 pm	On Location	7:30 pm	Job Start	4:45 pm	Finish	10:15 pm
Lease	Ball	Well No.	1-9	Location	Creston - 24-25 - Kinto			County	Scott	State	KS				
Contractor	Chief Drgr			Owner <i>Jame</i>											
Type Job	Surface			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	12 3/4			T.D.	271										
Csg.	8 3/8			Depth	270										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool				Depth											
Cement Left in Csg.	15'			Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace	16 1/2 bbls										
Perf.															

## EQUIPMENT

Pumptrk	No.	Cementer	J.D. Jack (C)
	195	Helper	STEVE Don H.
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	Driver	MARK	
	19	Driver	Keith

DEPTH of Job		
Reference:	Pumptrk	380.00
	50 Mileage	100.00
	1- 8 3/8 Surface Plug	42.00
	<b>Total</b>	<b>522.00</b>

Remarks: Pump 6 1/2 of 8 3/8 & pumped 140 sy of cement - Displaced w/ 16 1/2 bbls of Fresh Water  
Cement did circulate.

CEMENT			
Amount Ordered	140 sy 60/40	3 4/2	
Consisting of			
Common	84	5.25	441.00
Poz. Mix	56	2.25	126.00
Gel.	3	6.75	N/C
Chloride	4	21.00	84.00
Quickset			
Handling	140	1.00	140.00
Mileage	50		280.00
			Sub-Total
			Total
			1071.00

Floating Equipment

TOTAL \$ 1593.00  
Disc - 238.95

RECEIVED  
STATE CORPORATION COMMISSION  
\$ 1354.00  
MAY 1 1992

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

KCC

RELEASED

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

APR 30

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

4-5-92

4-6-92

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-5-92	9	19	31	4:00 P.M.	7:30 P.M.	1:00 A.M.	2:15 A.M.
Lease	Well No.	Location			County	State	
Ball	1-9	Grigston, 2W, 5S, E into			Scott	KS	

Contractor	Chief Rig #2
Type Job	Production
Hole Size	7 7/8"
T.D.	4618'
Csg.	4 1/2"
Depth	4616'
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Portcollar @ 2260'
Depth	
Cement Left in Csg.	15.62
Shoe Joint	15.62
Press Max.	800#
Minimum	
Meas Line	↓
Displace	746bb
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 Co., Inc.
Street	Box 240
City	Hoisinton State Ks 67544
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
<b>CEMENT</b>	
Amount Ordered	100 SKS COMMON, 1/4" flo seal/sk, 3# cemad
Consisting of	
Common	100 5.25 525.00
Poz. Mix	
Gel.	
Chloride	
Quickset	Flo Seal 25# 1.00 25.00
Cemad 3#	5.00 15.00
Sales Tax	
Handling	100 1.00 100.00
Mileage	50 200.00
Total \$ 5111.00	
Disc - 1022.20	
Total \$ 4088.80	

### EQUIPMENT

#	No.	Cementer	TIM
Pumptrk	158	Helper	Cary
#	No.	Cementer	
Pumptrk		Helper	
#		Driver	JACK S.
Bulktrk	116	Driver	

### DEPTH of Job

Reference:	Pumptrk Charge	880.00
50	Pumptrk Mileage	100.00
1	4 1/2" Rubber Plug	33.00
Total		1013.00

### Remarks:

Ran 4616 of 4 1/2" csg. Pumped 10 bbl fresh water. Mixed 100 SKS common 1/4" flo seal/sk, 3# cemad. Washed line clean of cement. Pumped plug with fresh water. Float did hold.

Floating Equipment	1-4 1/2" triplex shoe - 1013.00
	1-4 1/2" Portcollar (Baker) - 1680.00
	5-4" centralizers - 280.00
	1-4 1/2" Basket - 115.00
	1-4 1/2" Insert (Baker) - 100.00
Total \$ 3233.00	

RECEIVED  
STATE CORPORATION COMMISSION  
1992  
CONSERVATION DIVISION  
Wichita, Kansas

J. Rankin

ORIGINAL

KCC

RELEASED

APR 30

1992

Phone 913-462-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

CONFIDENTIAL FROM CONFIDENTIAL  
Phone Plainville 913-434-2812  
Phone Ness City 913-798-3842

# ALLIED CEMENTING CO., INC.

No. 6622

Home Office P. O. Box 31

Russell, Kansas 67665

*new*

Date	4-14-92	Sec.	9	Twp.	19	Range	31	Called Out	6 AM	On Location	9:45 AM	Job Start	11 AM	Finish	2:00 PM
Lease	Bell-	Well No.	1-9			Location	Hoytston 2W 4, S 14 E			County	Law	State	KS		
Contractor	Chapman Well Service														
Type Job	Part Collar														
Hole Size	4 1/2		T.D.												
Csg.	2"		Depth												
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool	Duro P. Plug		Depth 2400												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace												
Perf.	Part Collar 22 37														

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 Inc.*

Street *Box 240*

City *Hoytston* State *Ks 67544*

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No. *Shy Sidman*

**CEMENT**

### EQUIPMENT

Pumptrk	No.	Cementer	<i>Tim</i>	<i>Dary</i>
	158	Helper		<i>Bill</i>
Pumptrk	No.	Cementer		
		Helper		
Bulktrk		Driver		<i>Keith</i>
	199	Driver		

Amount Ordered	<i>500 lbs. 1/4 # fl seal</i>		
Consisting of	<i>Used steel</i>		
Common			
Poz. Mix	<i>268 lbs</i>	<i>4.25</i>	<i>1139.00</i>
Gel.			
Chloride			
Quickset	<i>Flo Seal 67</i>	<i>1.00</i>	<i>67.00</i>
Handling	<i>500</i>	<i>1.00</i>	<i>500.00</i>
Mileage	<i>50</i>		<i>1000.00</i>
<i>Thanko</i>			Sub-Total
			Total <i>2706.00</i>

DEPTH of Job		
Reference:	<i>Lumptruck</i>	<i>475.00</i>
<i>50</i>	<i>milage</i>	<i>100.00</i>
Sub-Total		
Total		<i>575.00</i>

Remarks: *Start mix - blow in 6 min  
got returns after mixing 65 bbl cement  
Pvc: water - mud - Cement did not  
civ. total mix water 137 bbl.*

Total \$ *3281.00*  
Disc *20*  
RECEIVED  
STATE COMMISSION  
MAY 1 1992  
\$ *624.80*  
CONSERVATION DIVISION  
Wichita, Kansas

KOC

RELEASED

APR 30

ORIGINAL

CONFIDENTIAL

Phone 913-48-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

Y. 4 1993  
Phone Plainville 913-434-2812

FROM KOC NED DIV 913-798-3843

# ALLIED CEMENTING CO., INC. No 3030

Home Office P. O. Box 31 Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
4-15-92	9	19	31	12:00 PM.	2:30 PM.	3:00 P.M.	5:00 PM
Lease	Well No. #	Location		County	State		
Ball	1-9	Grigston, 2 <sup>nd</sup> W.		Lawe	KS		

Contractor Cheyenne Well Serv.

Type Job Backside Squeeze

Hole Size	T.D.
Csg. <u>4 1/2" x 8 5/8"</u>	Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max. <u>1100*</u>	<u>Shut in = 400#</u>
Meas Line	Displace
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  
Chief Drilling Inc.

Street Box 240

City Hoisington State Ko 67544

The above was done to satisfaction and supervision of owner agent or contractor

Purchase Order No.  
X Gary Lindemuth

**CEMENT**

### EQUIPMENT

#	No.	Cementer	
Pumptrk	158	Helper	<u>Tim</u>
		Cementer	<u>Cary</u>
Pumptrk		Helper	
#		Driver	<u>Keith</u>
Bulktrk	199		
Bulktrk		Driver	

Amount Ordered 250 SKS 50% 8 7/8 Gel,  
(used 170 SKS)

Consisting of			
Common	<u>8.5</u>	<u>5.25</u>	<u>446.25</u>
Poz. Mix	<u>8.5</u>	<u>2.25</u>	<u>191.25</u>
Gel.	<u>14</u>	<u>6.75</u>	<u>94.50</u>
Chloride			
Quickset			
Handling	<u>250</u>	<u>1.00</u>	<u>250.00</u>
Mileage	<u>50</u>		<u>500.00</u>
			<b>Total</b> <u>1482.00</u>

### DEPTH of Job

Reference:	<u>Pumptrk Charge</u>	<u>475.00</u>
	<u>50 Pumptrk Mileage</u>	<u>100.00</u>
	<b>Total</b>	<b>575.00</b>

Remarks: Pressured 4 1/2" csg to 500#.  
Mixed Approx 170 SKS 50% 8 7/8 Gel  
Down Back Side.  
Max Press = 1100# Shut in = 400#  
Allied Cementing

Floating Equipment

**Total \$ 2057.00**

RECEIVED  
STATE CORPORATION COMMISSION 411.40

**MAY 1 1992** 1645.60

CONSERVATION DIVISION  
Wichita, Kansas