

ORIGINAL

CONFIDENTIAL

KCC

RELEASED SIDE ONE

APR 16 1992

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

API NO. 15- 179-20,996-00-00  
County Sheridan  
NW/2 NW SE Sec. 10 Twp. 10S Rge. 26 X West

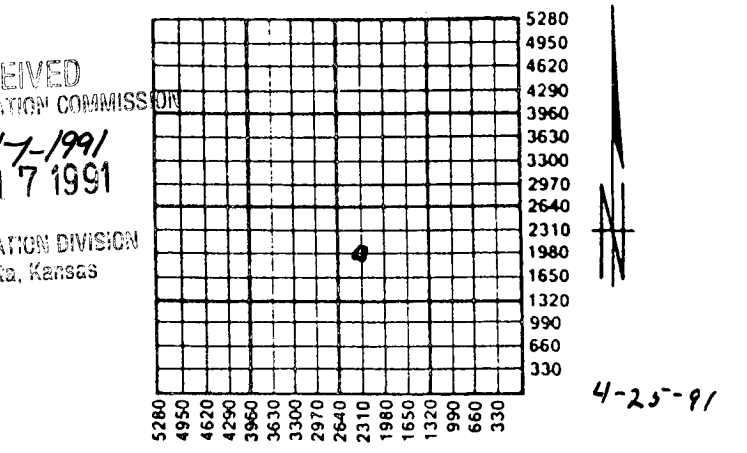
Operator: License # 5886  
Name: Chief Drilling, Inc.  
Address 224 E. Douglas, #530  
City/State/Zip Wichita, KS 67202  
Purchaser: Koch

1980 Ft. North from Southeast Corner of Section  
2310 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Operator Contact Person: Douglas W. Thimesch  
Phone (316) 262-3791  
Contractor: Name: Chief Drilling, Inc.  
License: 5886

Lease Name Corder Well # 1-10  
Field Name Unnamed  
Producing Formation Lansing "I"  
Elevation: Ground 2609 KB 2616  
Total Depth 4125 PBTD 4113'

Wellsite Geologist: Mark W. Grommesh  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)



If OWMO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
3-21-91 3-29-91 4-11-91  
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 265' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2260' Feet  
If Alternate II completion, cement circulated from 2260'  
feet depth to Surface w/ 300 425 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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: [Signature]  
Title Vice President Date 4-16-91

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

Subscribed and sworn to before me this 16 day of April, 19 91.  
Notary Public Betty M. Abbott  
Date Commission Expires 1-22-92  
BETTY M. ABBOTT  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-22-92

CONFIDENTIAL

**SIDE TWO**

Operator Name Chief Drilling, Inc. Lease Name Corder Well # 1-10  
 Sec. 10 Twp. 10S Rge. 26  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.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

**Formation Description**

Log  Sample

Name	Top	Bottom
See attached sheet		

**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
	12 1/4	8 5/8"	20#	265'	pozmix	180	3%cc, 2% gel
	7 7/8	4 1/2"		4124	ASC	175	5% Gilsonite

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	4042-4046	500 gal 15% INS 1500 gal 15% INS

**TUBING RECORD** Size 2 3/8" Set At 4096 Packer At 4113' Liner Run  Yes  No

Date of First Production 4-11-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	117	-0-	-0-		

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

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

KCC

Chief Drilling, Inc. (Op. #5886)  
#1-10 Corder  
API #15-179-20,996  
W/2 NW SE Sec. 10-10S-26W  
Sheridan Co., Kansas

CONFIDENTIAL

ACO-1 APR 16 1992

Attachment Sheet CONFIDENTIAL

FORMATION TOPS:

Anhydrite	2252	+364
Base/Anhydrite	2283	+333
Heebner	3833	-1217
Lansing	3872	-1256
Muncie Creek	3993	-1377
RTD	4125	-1509

LOG TOPS:

Anhydrite	2246	+370
Base/Anhydrite	2280	+336
Heebner	3836	-1220
Lansing	3878	-1262
Muncie Creek	4002	-1386
Stark	4068	-1452
BKC	4108	-1492
LTD	4127	-1511

DST #1 3887-3918 (Lans. 35' & 50')  
30-30" 30-30", Wk blo died 20" 1st  
opening, no blo 2nd opening. Rec.  
40' mud. IF 89/89# 89/89#  
BHP 401/446#, Hyd 1939/1893#

DST #2 3927-3971  
30-30" 45-60", V strong blow off  
bottom on IF & FF opening. Rec.  
750' water. Chlorides 52,000.  
IF 89/223#, 267/357#, BHP 1028/1028#  
Hyd. 1985/1939#, Temp. 107°

DST #3 3990-4080  
Strong blow off bottom bucket in 3".  
30-45" 60-60", Rec. 560' clean gassy  
oil (38° gravity) FP 107-150#  
178-241# BHP 1399-1391#, Hyd 1985-1939  
Temp 109°

DST #4 4063-4080  
30-30" 30-30", Weak blow  
Rec. 5' mud, no shows, FP 44/44# 44/44#  
BHP 44/44# Hyd 2077/2031#

RELEASED  
5-20-1992  
MAY 20 1992

FROM CONFIDENTIAL

RECEIVED  
STATE DEPARTMENT OF COMMISSION

4-17-1991  
APR 17 1991

CONSERVATION DIVISION  
WICHITA, KANSAS

ORIGINAL New

KCC

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

15-179-20996-00-00

Russell, Kansas 67665

No 1549

CONFIDENTIAL

Date	3-28-91	Sec.	10	Twp.	10	Range	26	Called Out	12:15 PM	On Location	3:00 PM	Job Start	7:30 PM	Finish	8:30 P.M.
Lease	Corder	Well No.	#L-10	Location	QUINTER TWP 2E 10N 26W	County	Sheridan	State	Kansas						
Contractor	Chief Drilg INC Rig 2														
Type Job	Production														
Hole Size	7 7/8"	T.D.	4125'												
Csg.	4 1/2"	Depth	4124'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	Baker Port Collar	Depth	2260'												
Cement Left in Csg.	12.70	Shoe Joint	12.70												
Press Max.		Minimum													
Meas Line	yes	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 Drilg INC

Street Box 240

City Haysington State Kans 67544

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

Purchase Order No.

X *[Signature]*

CEMENT 20 BBIS WFR-2

Amount Ordered 175 SKS ASC 5% Gil

### EQUIPMENT

#177	No.	Cementer	M Kaufman
Pumptrk		Helper	Glenn G.
	No.	Cementer	
Pumptrk		Helper	
#146		Driver	Ed K.
Bulktrk			
Bulktrk		Driver	

Consisting of		
Common	175 ASC	225 1268.75
Poz. Mix		
Gel.		
Chloride		
Quickset	Gil 823#	33 271.59
	1000 Gal WFR-2	.50 500.00
Sales Tax		
Handling		1.00 175.00
Mileage	61 mi	.04 427.00
Sub Total		2642.34
Total		

### DEPTH of Job

Reference:		
#	PUMP TRK	880.00
	1-4 1/2" Rubber Plug	33.00
	2 <sup>00</sup> Per mile 61	122.00
	Sub Total	1035.00
	Tax	
	Total	

Floating Equipment 4 1/2

1- Baker Port Collar	\$ 1680.00
1- Basket	113.00
1- AFU Insert	169.00
1- Guide Shoe	109.00
5- Centralizers	215.00
STATE SUPPLY COMMISSION	\$ 2286.00

Remarks:

15 SKS in RAT Hole

10 SKS in Mouse Hole

Float Held

*[Signature]*

APR 17 1991  
4-17-1991  
CONSERVATION DIVISION  
WICHITA, KANSAS

RELEASED  
5-20-1992  
MAY 20 1992

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No. 1610

ORIGINAL

APR 13 1992

CONFIDENTIAL

New

15-179-20996-00-00

Date	3-21-91	Sec.	10	Twp.	10 <sup>s</sup>	Range	26	Called Out		On Location	1:00PM	Job Start		Finish	2:00PM
Lease	Corder	Well No.	1-10	Location	Quarter 8N 2E 1N E W				County	Sheridan	State	KS			

Contractor	Chief Drly		
Type Job	Surface		
Hole Size	12 1/4	T.D.	267
Csg.	8 1/2	Depth	265
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	10' 15"	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

### EQUIPMENT

Pumptrk	No.	Cementer	Dove
	153	Helper	
Pumptrk	No.	Cementer	Chad
		Helper	
Bulktrk		Driver	
	Ness	Driver	

DEPTH of Job		
Reference:	Pump tick chg	380 <sup>00</sup>
	2 <sup>00</sup> per mile	122 <sup>00</sup>
	8 1/2 wooden plug	42 <sup>00</sup>
	Syb Total	
	Tax	
	Total	544 <sup>00</sup>

Remarks: Cement Cir

Owner	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
Street	Box 240
City	Hoisington State Kan 67814
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Marion Burriss

### CEMENT

Amount Ordered	180 <sup>00</sup> 3% CC 2% gel
Consisting of	
Common	108 SKS @ 5.25 = 567 <sup>00</sup>
Poz. Mix	72 SKS @ 2.25 = 162 <sup>00</sup>
Gel.	3 SKS @ 6.75 = N/C
Chloride	5 SKS @ 21.00 = 105 <sup>00</sup>
Quickset	
Sales Tax	
Handling	1.00 per SK = 180 <sup>00</sup>
Mileage	4¢ per SK/mile = 439 <sup>20</sup>
61 mile	
Sub Total	
Total	1,453 <sup>20</sup>

Floating Equipment

RELEASED

RECEIVED STATE COMMISSION 4-17-1991 APR 17 1991

MAY 20 1992

5-20-1992

FROM CONFIDENTIAL

STATE COMMISSION Kansas

15-19-20996-00-00

KCC

ORIGINAL

APR 16 1992

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

New

CONFIDENTIAL

No 1862

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

Date	4-8-91	Sec.	10	Twp.	10	Range	26	Called Out	<del>11 AM</del>	On Location	11 AM	Job Start		Finish	2 PM
Lease	Tender	Well No.	1-10	Location	Quarter 2N 2E 1/4	Sharingdon		County	Kan						

Contractor	Cheyenne Well Ser	
Type Job	Port Collor	
Hole Size	T.D.	
Csg.	4 1/2	Depth
Tbg. Size	2"	Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.		Shoe Joint
Press Max.	800#	Minimum
Meas Line		Displace
Perf.		

Owner	4N
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 Drlg
Street	Box 240
City	Hoisington
State	Kan 67544
The above was done to satisfaction and supervision of owner agent or contractor.	

### EQUIPMENT

Pumptrk	No.	Cementer	McAdoo
		Helper	Will N
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	Jim
Bulktrk		Driver	

Purchase Order No.	
X	<i>[Signature]</i>
<b>CEMENT</b>	

Amount Ordered	425	60/80	8 7/8	4.1
Consisting of				
Common	255	SKS	2	5.25
Poz. Mix	170	SKS	2	2.25
Gel.	22	SKS	2	6.75
Chloride				
Quickset				

DEPTH of Job	
Reference:	Pump Truck
	2.00 per mile
	Sub Total
	Tax
	Total

Handling	1.00 per sk	425.00
Mileage	4¢ per sk/mile	1,037.00
	61 miles	
	RELEASED	Sub Total
	5-20-1992	
	MAY 20 1992	Total

Remarks: Mixed 325 Down Tubing  
Cement Did not C. r. Mixed  
100 sk Down Back Side  
Max Pres 300# Shut in 200#

Floating Equipment  
FROM CONFIDENTIAL  
PER District office: cert did  
circulate but RECEIVED all back. They  
stopped off with 600 sks from rep.  
APR 22 1991  
4-22-1991  
STATE COMPTROLLER COMMISSION  
MICHAEL R. JONES

KCC 15-179-20996-00-00

none 913-483-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

No 1862

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL  
New

Date	Sec.	Fwp.	Range	Called Out	On Location	Job Start	Finish
4-8-91	10	10	26	<del>11 AM</del>	11 AM		2 PM
Lease	Well No.	Location		County	State		
Tender	1-10	Quarter 2N 2E 1/4		Shairquin	Kan		

Contractor	Owner
Cheyenne Well Ser	4N
Type Job	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Hole Size	Charge To
Csg.	Chief Drlg
Tbg. Size	Street
Drill Pipe	Box 240
Tool	City
Cement Left in Csg.	Hoisington State Kan 67544
Press Max.	The above was done to satisfaction and supervision of owner agent or contractor.
Meas Line	Purchase Order No.
Perf.	X <i>Mary L. Lemuth</i>

CEMENT
Amount Ordered
425 <sup>60</sup> / <sub>100</sub> 8 7/8 gal
Consisting of
Common
255 SKS @ 5.25
1,338.75
Poz. Mix
170 SKS @ 2.25
382.50
Gel.
22 SKS @ 6.75
148.50
Chloride
Quickset
Sales Tax
Handling
1.00 per sk
425.00
Mileage
4¢ per sk/mile
61 miles
1,037.00
Sub Total
Total
3,331.75

EQUIPMENT		
No.	Cementer	McAdoo
Pumptrk	Helper	Will N
No.	Cementer	
Pumptrk	Helper	
	Driver	Jim
Bulktrk	Driver	

DEPTH of Job	
Reference:	
Pump Truck	475.00
2.00 Per mile	122.00
Sub Total	
Tax	
Total	597.00

Remarks: Mixed 325 Down Tubing  
Cement Did not C. r. Mixed  
100 sk Down Back Side  
Mae Pres 300<sup>th</sup> Shot in 200<sup>th</sup>

Floating Equipment
RECEIVED
RELEASED
STATE CORPORATION COMMISSION
MAY 20 1992
5-20-1992
ADD 22 1991
4-22-1991
FROM CONFIDENTIAL
Wichita, Kansas

15-179-20996-00-00

KCC

APR 16 1992

Phone 913-483-2627, Russell, Kansas  
Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

New

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 1862

CONFIDENTIAL

Date	Sec.	Fwp.	Range	Called Out	On Location	Job Start	Finish
4-8-91	10	10	26	<del>11 AM</del>	11 AM		2 PM
Lease	Well No.	Location		County	State		
Order	1-10	Quarter 7N 2E 1/4		Shairquin	Kan		

Contractor	Owner
Cheyenne Well Ser	YN
Type Job	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.
Hole Size	Charge To
Csg.	Chief Drlg
Tbg. Size	Street
Drill Pipe	Box 240
Tool	City
Cement Left in Csg.	Hoisington
Press Max.	State
Meas Line	Kan 67544
Perf.	The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
X <i>[Signature]</i>
CEMENT
Amount Ordered
425 6/8 8 7/8 6 1
Consisting of
Common
255 SKS @ 5.25
1,338.75
Poz. Mix
170 SKS @ 2.25
382.50
Gel.
22 SKS @ 6.75
148.50
Chloride
Quickset
Sales Tax
Handling
1.00 per sk
425.00
Mileage
4¢ per sk/mile
61 mil
1,037.00
Sub Total
3,331.75
Total

EQUIPMENT		
No.	Cementer	McAdoo
Pumptrk	Helper	Will N
No.	Cementer	
Pumptrk	Helper	
	Driver	Jim
Bulktrk	Driver	

DEPTH of Job	
Reference:	
Pump Truck	475.00
2.00 per mile	122.00
Sub Total	
Tax	
Total	597.00

Remarks: Mixed 325 Down Tubing  
Cement Did not C.C. Mixed  
100 sk Down Back Side  
Max Pres 300<sup>th</sup> Shut in 200<sup>th</sup>

RELEASED Sub Total

5-20-1992

MAY 20 1992

STATE CORPORATION COMMISSION

4-22-1991

APR 22 1991

CONFIDENTIAL DIVISION  
Winona, Kansas

FROM CONFIDENTIAL