

ORIGINAL

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

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 120 S. Market, #300

City/State/Zip Wichita, KS 67202

Purchaser: None- Well not commercial

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Douglas W. Thimesch

Designate Type of Completion  
 New Well  Re-Entry  Workover

\*  Oil  SWD  SIOW  Temp. Abd.

Gas  ENHR  SIGW

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

\* Non-commercial

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

Operator: Staab Energy & Leasing

Well Name: Leo Dinkel

Comp. Date 5-31-91 Old Total Depth 4038'

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PSTD

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

6-28-93 7-01-93 7-26-93

Spud Date Date Reached TD Completion Date

API NO. 15- 065-22709-00-01

County Graham

N/2 N/2 NW Sec. 16 Twp. 10S Rge. 24W

330 FNL Feet from S/N (circle one) Line of Section

1320 FWL 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 Leo Dinkel OWWO Well # 1

Field Name \_\_\_\_\_

Producing Formation None- not commercial

Elevation: Ground 2484 KB 2489

Total Depth 4090 PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set Port. Collar @ 2152' Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan D & A JH 2-24-94  
(Data must be collected from the Reserve Pit)

(Not used)

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

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

Location of fluid disposal if hauled offsite \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. Rng.

County \_\_\_\_\_ Docket No. \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
OCT 26 1993  
CONSERVATION DIVISION  
WICHITA, KS

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 Douglas W. Thimesch, President Date 10-25-93

Subscribed and sworn to before me this 25 day of October  
1993.

Notary Public Betty M. Abbott

Date Commission BETTY M. ABBOTT 22-95  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 12-95

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)

Operator Name Chief Drilling, Inc. Lease Name Leo Dinkel OWWO Well # 1  
 Sec. 16 Twp. 10S Rge. 24W County Graham  
 East  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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2130	+359
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base/Anhy	2165	+324
List All E.Logs Run:	Gamma Neutron Bond Log	Topeka	3596	-1087
		Heebner	3789	--1300
		Lansing	3825	-1336

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 casing	in hole.						
Production				4089'	ASC cement	125	500 gal flush

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	3927-29	common	100	25 sx calcium seal, 25 sx w/2% chloride to squeeze "G" zone.
<input type="checkbox"/> Plug Back TD				
<input checked="" 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	4024-4030		500 gal mud acid	
4	4024-4030		5000 gal 15% NE	
4	3927-3929		500 gal.	
			250 gal 7 1/2% N.E. 500 gal 15% N.E.	4000'

<b>TUBING RECORD</b>	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
127 jts	2 3/8	4038	--				
Date of First, Resumed Production, SWD, or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
7-26-93							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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**

**GARY LINDENMUTH  
270 W. 11th STREET  
HOISINGTON, KANSAS 67544**

Chief Drilling, Inc.  
120 S. Market Suite #300  
Wichita, Kansas 67202

Re: Leo Dinkel #1  
Graham County, Kansas

6-30-93 Ran 15' shoe jt., 105 jts. used 4 1/2" 10.5# csg.  
Set csg. @ 4089'. Cemented w/125 sxs. A.S.C.  
cement w/500 gal. flush.

Portcollar	@	2152'
1-Basket	@	2190'
1-Basket	@	1012'
1-Centralizer		2152'
"	"	@ 3672'
"	"	@ 3786'
"	"	@ 3872'
"	"	@ 3976'
"	"	@ 4075'

Float held. Plug down @ 4:15 p.m.

**RECEIVED  
STATE CORPORATION COMMISSION**

**FEB 24 1994**

**CONSERVATION DIVISION  
Wichita, Kansas**

RECEIVED  
KANSAS CORPORATION COMMISSION

15-065-22709-00-01

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

OCT 26 1993

ORIGINAL

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

ALLIED CEMENTING CO., INC.

5030

Home Office P. O. Box 31

Russell, Kansas 67665

NOT THE CORRECT LOCATION!

new

Date	6-30-93	Sec.	III	Twp.	12	Range	22	Called Out		On Location	10:30 AM	Job Start		Finish	4:15 PM
Lease	<del>Antelope</del>	Well No.	3	Location	St. Peter	4E-S.S.				County	<del>Franklin</del>	State	Kan		
Contractor	Chief Drilling Co #2										Owner	Graham			
Type Job	Prod string										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	7 7/8	T.D.	4094'												
Csg.	4 1/2	Depth	4090"												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15.30	Shoe Joint	15.30												
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Charge To: Chief Drilling Co, Inc  
Street: 120 S. Market, #300  
City: Wichita State: Kan 67202  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
*Ray Lindemann*  
CEMENT

Amount Ordered: 125 SKS ASC, 500gal UFR-2  
Consisting of:  
German ASC - 125 SKS @ 7.50 = 937.50  
Poz. Mix  
Gel.  
Chloride  
Quickset

UFR-2 - 500gal @ 55¢ = 275.00  
Sales Tax  
Handling 1.00 per SK = 125.00  
Mileage 4¢ per SK/mile = 205.00  
41 mile  
Sub Total = 1,542.50  
Total

EQUIPMENT

No.	Cementer	Ken
Pumptrk 191	Helper	Walt
No.	Cementer	Fritz
Pumptrk	Helper	
	Driver	Steve
Bulktrk 315		
Bulktrk	Driver	

DEPTH of Job

Reference:	Pumptruck	980.00
	4 1/2 Rubber Plug	33.00
	2.25 per mile	92.25
	Sub Total	
	Tax	
	Total	1,105.25

Remarks:  
Float Held  
*[Signature]*

Floating Equipment 4 1/2  
1- Guide Shoe - 109.00  
1- AFU Insert - 169.00  
6- Turbo Cent - 318.00  
2- Baskets - 226.00  
1- Port Collar - 1,680.00  
Total = 2,502.00

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5030

15-065-22709-00-01

*new*

Date	6-30-93	Sec.	11	Twp.	12	Range	22	Called Out		On Location	10:30 AM	Job Start		Finish	4:15 PM
------	---------	------	----	------	----	-------	----	------------	--	-------------	----------	-----------	--	--------	---------

Lease	<del>Albright</del>	Well No.	3	Location	St. Peter 4E-S.S.	County	<del>Franklin</del>	State	Kan	
Contractor	Chief Drlys Co #2					Owner	Graham			

Type Job	Prod String	ORIGINAL	
Hole Size	7 7/8	T.D.	4098'
Csg.	4 1/2	Depth	4090"
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15.30	Shoe Joint	15.30
Press Max.		Minimum	
Meas Line		Displace	

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 Drlys Co, Inc  
 Street: 120 S. Market, #300  
 City: Wichita State Kan 67202

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

Purchase Order No.  
*Shay Lindemuth*  
**CEMENT**

Amount Ordered: 125 SKS ASC, 500gal WFR-2

Consisting of	Common ASC - 125 SKS @ 7.50	937.50
Poz. Mix		
Gel.		
Chloride		
Quickset	WFR-2 - 500gal @ 55¢	275.00
Sales Tax		

Handling	1.00 per SK	125.00
Mileage	4¢ per SK/mile	205.00
	41 mile	
Sub Total		1,542.50
Total		

### EQUIPMENT

No.	Cementer	Ken
Pumptrk 191	Helper	Walt
No.	Cementer	Fritz
Pumptrk	Helper	
	Driver	Steve
Bulktrk 315	Driver	

### DEPTH of Job

Reference:	Pumptruck	980.00
	4 1/2 Rubber Plug	33.00
	2.25 per mile	92.25
	Sub Total	
	Tax	
	Total	1,105.25

Remarks: Float Held

*Shay Lindemuth*

Floating Equipment 4 1/2

1- Guide Shoe	- 109.00
1- AFU Insert	- 169.00
6- Turbo Cent	- 318.00
2- Baskets	- 226.00
1- Port Collar	- 1,680.00
Total	= 2,502.00

RECEIVED  
 STATE CORPORATION COMMISSION

FEB 24 1994

CONSERVATION DIVISION  
 Wichita, Kansas

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

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

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

5554

*New*

Date	6-20-93	Sec.	11	Twp.	12S	Range	22W	Called Out	7:30 Am	On Location	9:15 Am	Job Start	10:00 Am	Finish	12:30 Pm
Lease	Adams	Well No.	3	Location				1E 2W 06 01 01 01	County		Trego	State		KS	
Contractor	Chief Drlg.														
Type Job	PTA														
Hole Size	7 7/8	T.D.													
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	Depth 1800														
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

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 Drlg. Co.  
 Street 120 S. Market #300  
 City Wichita State KS 67202  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. N. F. Dunkel  
 X

**CEMENT**

Amount Ordered	200 lbs 60/40 60/60 3% CC		
Consisting of			
Common	120	575	690.00
Poz. Mix	80	300	240.00
Gel.	7	7.00	49.00
Chloride	6	25.00	150.00
Quickset			

**EQUIPMENT**

Hays	No.	Cementer	B Leikam
Pumptrk	276	Helper	
Pumptrk	153	Cementer	
		Helper	D Funk
Bulktrk	283	Driver	
Bulktrk		Driver	W Mackay

**DEPTH of Job**

Reference:		
	Pump Charge	430.00
	D. 25' p/m 28 mi	63.00
	Dry Hole Plug	21.00
	Sub Total	514.00
	Tax	
	Total	

Handlin	100	200.00
Mileage	28 mi	224.00
Sub Total		1553.00
Total		

Floating Equipment

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 FEB 24 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas

Remarks:  
 1st plug C 1800 w/ 25' p/m  
 2nd plug C 1430 w/ 100' p/m  
 3rd plug C 210' w/ 40' p/m  
 4th plug C 49' w/ 10' p/m  
 15' p/m Rat hole

*[Handwritten Signature]*

11, Russell, Kansas  
 316-793-5861, Great Bend, Kansas

ORIGINAL

15-065-22709-00-01

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

5546

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

NOT THE CORRECT LOCATION!

Date	7-16-93	Sec.	R1	Fwp.	R12	Range	R22	Called Out		On Location		Job Start		Finish	4:30PM
Lease	Leo Dink	Well No.	1	Location	Wakarusa N to C.L			County	Graham	State	KS				

Contractor *Cheyenne Well Service*

Type Job *Squeez*

Hole Size \_\_\_\_\_ T.D. \_\_\_\_\_

Csg. *4 1/2* Depth \_\_\_\_\_

Tbg. Size *2"* Depth \_\_\_\_\_

Drill Pipe *7* Depth \_\_\_\_\_

Tool \_\_\_\_\_ Depth *3857*

Cement Left in Csg. \_\_\_\_\_

Press Max. \_\_\_\_\_

Meas Line \_\_\_\_\_

Perf. *4024-30*

KANSAS CORPORATION COMMISSION  
 RECEIVED  
 OCT 26 1993  
 CONSERVATION DIVISION  
 EQUIPMENT WICHITA, KS

Owner *2 N 6 W 2 N 1 1/2 W*

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 Drly Co.*

Street *Box 240*

City *Hoisington State Kan 67544*

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

Purchase Order No. \_\_\_\_\_

*Buy Cement* 1 Cal Seal  
 2 gal CEMENT 1 CC

Amount Ordered *150 com*

Consisting of

Common	150	575	862.50
Poz. Mix			
Gel.	3	7.00	14.00
Chloride	7	25.00	25.00
Quickset			
Cal Seal	1	14.00	14.00

Handling	100	150.00
Mileage	41 m	.04 246.00
Sub Total		1311.50
Total		

No.	Cementer	<i>Dave</i>
Pumptrk <i>153</i>	Helper	<i>Mark</i>
No.	Cementer	
Pumptrk	Helper	
	Driver	<i>Mike</i>
Bulktrk <i>218</i>	Driver	

DEPTH of Job

Reference:	<i>pump trk chg</i>	525.00
	<i>2 1/2 per mile</i>	41 m 92.25
	Sub Total	617.25
	Tax	
	Total	

Remarks: *mixed 2 gal + displaced wt 63 BB1, went on vacation set p plug then perforated @ 3928, ran tubing, set packer @ 3857 Loaded backside & shot in @ 500 psi, took injection rate @ BB1 @ psi, mixed 35 sk of cal seal + 25 2% CC followed by 100 com, squeezed @ 1000 psi, washed 1 ST out*

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

15-065-22709-00-01

# ALLIED CEMENTING CO., INC.

4398

Home Office P. O. Box 31

Russell, Kansas 67665

*old*

Date	10-26-93	Sec.		Fwp.		Range		Called Out		On Location	9:00AM	Job Start		Finish	1:00PM
Lease	Leo Dinkel	Well No.	1	Location			Wakeeney N to Cit	County	Graham	State	Ks				
Contractor	Cheyenne Well Service														
Type Job	Plug to Abandon														
Hole Size	T.D.														
Csg.	4 1/2	Depth													
Tbg. Size	8 1/2	Depth													
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

Owner 2 N 6W 2 N 2W  
 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 Dwyer Co  
 Street Hwy Lindemuth  
 City State

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

Purchase Order No.

X

### CEMENT

Amount Ordered 300 <sup>60</sup>/<sub>100</sub> 8% gel

Consisting of

Common  
 Poz. Mix  
 Gel  
 Chloride  
 Quickset

Sales Tax

Handling

Mileage

RECEIVED STATE CORPORATION COMMISSION

FEB 24 1994

Sub Total

Total

Floating Equipment

CONSERVATION DIVISION  
 Wichita, Kansas

### EQUIPMENT

Pumptrk	No.	Cementer	Dave
	153	Helper	
Pumptrk	No.	Cementer	Steve
		Helper	
Bulktrk		Driver	
	218	Driver	

### DEPTH of Job

Reference:	Pump trk chg	
	125' per mile	
		Sub Total
		Tax
		Total

Remarks: spot 100sk -> 2160  
 tied on to 8 1/2 mixed 125sk

pulled to 1200 spot 25sk  
 max 300psi chg in 50psi