

ORIGINAL

CONFIDENTIAL

RELEASED

JAN 03 1992

SIDE ONE

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 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Ron G. Dulos

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

12-8-90 12-17-90 12-17-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 193-20,539-0000 FROM CONFIDENTIAL

County Thomas

SE SW NW Sec. 1 Twp. 10S Rge. 31  East West

2970 Ft. North from Southeast Corner of Section

4290 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

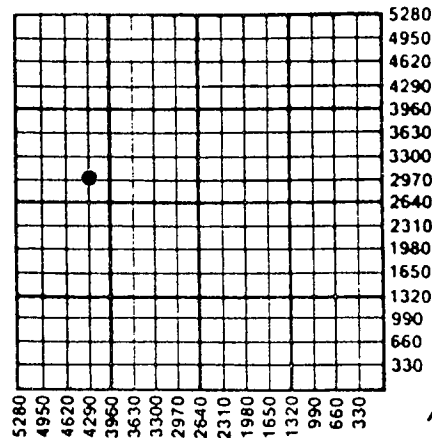
Lease Name Huelsmann Well # 1-1

Field Name n/a

Producing Formation n/a

Elevation: Ground 2987 KB 2994

Total Depth 4640' P8TD ---



*Handwritten note: A 15 2 0 0 0*

Amount of Surface Pipe Set and Cemented at 259 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 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 Douglas W. Thimesch  
Title Vice President Date 12-28-90

Subscribed and sworn to before me this 28 day of December, 19 90.

Notary Public Betty M. Abbott

Date Commission Expires January 22, 1991

**BETTY M. ABBOTT**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-22-91

**K.C.C. OFFICE USE ONLY**

F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received

1-2-91

**Distribution**

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

CONFIDENTIAL DIVISION  
Wichita, Kansas

*Handwritten mark: 91*

**SIDE TWO**

Operator Name Chief Drilling, Inc. Lease Name Huelsmann Well # 1-1  
 Sec. 1 Twp. 10S Rge. 31  East County Thomas  
 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.)

See attached sheet

**Formation Description**

Log  Sample

Name Top Bottom

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#	259'	60/40 pozmix	165	3% c.c., 2% gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

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

ACO-1 Additional Sheet

#1-1 Huelsmann  
SE SW NW, Sec. 1-10S-31W  
Thomas County, Kansas  
API #15-193-20,539

Chief Drilling, Inc.  
Op. #5886

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FORMATION TOPS:

Anhydrite	2566	+428
Base/Anhy	2603	+391
Topeka	3787	-793
Heebner	4004	-1010
Lansing	4044	-1050
Muncie Creek	4175	-1181
Stark	4259	-1265
Hushpuckney	4295	-1301
BKC	4319	-1325
Marmaton	4352	-1358
Pawnee	4433	-1449
Ft. Scott	4511	-1517
Cherokee	4540	-1546
Mississippi	4600	-1606
RTD	4640	-1646

LOG TOPS:

Anhydrite	2569	+425
B/Anhy	2598	+396
Topeka	3790	-796
Heebner	4005	-1011
Lansing	4045	-1051
Muncie Ck.	4174	-1180
Stark	4258	-1264
Hushpuckney	4295	-1301
BKC	4318	-1324
Marmaton	4350	-1356
Pawnee	4442	-1448
Ft. Scott	4511	-1517
Cherokee	4540	-1546
Mississippi	4603	-1609
LTD	4642	-1648

DST #1 3771-3869 (Topeka)  
 30-45" 30-45", Strong blow off  
 bottom 4", Rec. 1300' water  
 Chlorides 52,000 BHP 1164/1164#  
 FP 89/357# 401/625#, Hyd 1802/  
 1756#

DST #2 4004-4038 (Tor.)  
 30-45" 60-60" Rec. 400' wtr.  
 Chlorides 61,000. BHP 1210/  
 1164#, FP 62/89#, 133/178#  
 Hyd. 1893/1802#

DST #3 4062-4090 (Lans "B")  
 30-45" 60-60" Rec. 200' wtr.  
 chlorides 61,000 BHP 715/580#  
 FP 89/125# 151/178#  
 Hyd 1985/1893#

DST #4 4259-4330 (Lans 200-220')  
 30-45" 60-60" Rec. 120' oily Mud  
 BHP 401/643 FP 89/89# 89/89#  
 Hyd 2077/2031#

RELEASED  
JAN 0 3 1962

FROM CONFIDENTIAL

CONFIDENTIAL  
Wichita, Kansas

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Hussell, Kansas 67665

No. 9554

ORIGINAL

New

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Date	12-8-90	Sec.	1	Twp.	10	Range	31	Called Out		On Location		Job Start		Finish	7:00pm
Lease	Huelsmann	Well No.	1-1	Location	Campus 7 1/2 N E S.			County	Thomas	State	Ks				
Contractor	Chief Dalg														
Type Job	Surface														
Hole Size	12 1/4	T.D.	260												
Csg.	8 1/2	Depth													
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	2 1/5	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 Dalg, Inc  
Street Box 240  
City Horsington State Kan 67544  
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. 1917  
X [Signature]

### EQUIPMENT

No.	Cementor	
Pumptrk 153	Helper	<u>Dave</u>
No.	Cementor	<u>Beckel</u>
Pumptrk	Helper	
Bulktrk 146	Driver	<u>Ed</u>
Bulktrk	Driver	

**CEMENT**

Amount Ordered	<u>165 60/100 3 1/2 cc 2 1/2 gal</u>		
Consisting of			
Common	<u>99</u>	<u>610</u>	<u>603.90</u>
Poz. Mix	<u>66</u>	<u>240</u>	<u>158.40</u>
Gel.	<u>3</u>	<u>675</u>	<u>N/C</u>
Chloride	<u>5</u>	<u>2100</u>	<u>105.00</u>
Quickset			
Handling	<u>100</u>		<u>165.00</u>
Mileage	<u>13m</u>	<u>.04</u>	<u>85.80</u>
Sales Tax			
Sub Total			<u>1118.10</u>
Total			

**DEPTH of Job**

Reference:		
	<u>pump fix clay</u>	<u>380.00</u>
	<u>200 Per wlt 13m</u>	<u>26.00</u>
	<u>8 1/2 wooders plug</u>	<u>42.00</u>
	Sub Total	<u>448.00</u>
	Tax	
	Total	

Remarks: Cement Cur

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1990 3 100

FROM CONFIDENTIAL

83-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL CONFIDENTIAL

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

# ALLIED CEMENTING CO., INC. No 9564

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

*New*

Date	12/17/90	Sec.	1	Twp.	10	Range	31	Called Out		On Location		Job Start	3:20 PM	Finish	5:30 PM
Lease	Huelsmann	Well No.	1	Location				Campus & N E S		County	Thomas	State	KS		
Contractor	Chief Dalg.														
Type Job	Plug														
Hole Size	7 7/8		T.D. 4640												
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	Depth														
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 Dalg Inc.  
**Street** 224 E Douglas #530  
**City** Wichita **State** KS 67202

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

**Purchase Order No.**  
 X Marion Burris

**Amount Ordered** 1 Flowseal CEMENT  
 200% 6% gel 3% CC

Consisting of		
Common	120 @ 6.10	732.00
Poz. Mix	80 @ 2.40	192.00
Gel.	1 @ 47.25	47.25
Chloride		
Quickset		
Fl. Seal	1 sk @ 25.00	25.00

Sales Tax

Handling 1.00      280.00

Mileage 4¢/sk/Mile      104.00

Sub Total  
 Total 1380.25

Floating Equipment

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**EQUIPMENT**

Pumptrk	No. 153	Cementer	Dave Gersoff
		Helper	
Pumptrk	No.	Cementer	ed
		Helper	
Bulktrk	155	Driver	
Bulktrk		Driver	

**DEPTH of Job**

Reference:	Pump trk chg	380.00
	2¢ per mile	26.00
	plug	20.00
	<b>Sub Total</b>	
	<b>Tax</b>	
	<b>Total</b>	426.00

**Remarks:**  
 25 sk @ 25.80  
 100 sk + 1 Flowseal @ 16.90  
 40 @ 3.00  
 10 @ 4.00 w/ plug  
 15 Rat + 10 mouse hole

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