

ORIGINAL

KCC

MAY 14

SIDE ONE

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

API NO. 15- 101-21,582 ~~CONFIDENTIAL~~

County Lane

NW NW SW Sec. 19 Twp. 19S Rge. 27 X East West

2310 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Haag Well # 1-19

Field Name unnamed

Producing Formation none

Elevation: Ground 2741 KB 2748

Total Depth 4670 PBDT n/a

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: none

Operator Contact Person: Douglas W. Thimesch

Phone ( 316 ) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Wes Hansen

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: \_\_\_\_\_

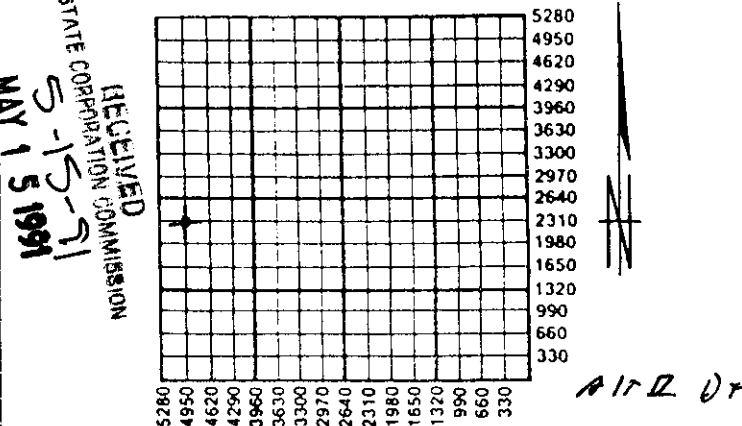
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

4-25-91 5-5-91 5-5-91

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 -- Feet

If Alternate II completion, cement circulated from --

feet depth to -- w/ -- sx cmt.

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STATE CORPORATION COMMISSION  
Wichita, Kansas  
MAY 15 1991

AIR D UTA

**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 5-14-91

Subscribed and sworn to before me this 14 day of May, 19 91.

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

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

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers Time Log Received

**Distribution**

KCC  SWD/Rep  NGPA

KGS  Plug  Other

(Specify)

**SIDE TWO**

Operator Name Chief Drilling, Inc. Lease Name Haag Well # 1-19  
 Sec. 19 Twp. 19S Rge. 27  East  West  
 County Lane

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;"><b>Formation Description</b></p> <p style="text-align: center;"><input type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p>Name <span style="margin-left: 150px;">Top</span> <span style="margin-left: 100px;">Bottom</span></p>
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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#	265'	pozmix 60/40	120	3%cc, 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** Production Interval

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

# ORIGINAL

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

ACO-1 Additional Sheet  
#1-19 Haag  
NW NW SW, Sec. 19-19-19  
Lane County, Kansas

MAY 14

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## FORMATION TOPS:

Anhydrite	2060	+688
Base/Anhy	2094	+654
Heebner	3953	-1205
Lansing	3997	-1249
Muncie Creek	4168	-1420
Stark	4269	-1521
Hushpuckney	4301	-1553
Fort Scott	4516	-1768
Miss Dolo	4619	-1871
RTD	4670	-1922

## LOG TOPS:

Anhydrite	2060	+688
Heebner	3954	-1206
Lansing	3997	-1249
Muncie Creek	4170	-1422
Stark	4271	-1523
Fort Scott	4518	-1770
Mississippi	4621	-1873
LTD	4670	-1922

### DST #1 4234-4242 (Lans."J")

30-45" 60-60" Good blow off  
bottom of bucket 17" 1st opening,  
20" 2nd opening. Rec. 465' gas in  
pipe, 100' gassy oil (2% gas, 98% oil)  
60' Oily muddy water (5% oil, 75% wtr.  
20% mud) IF 24/36#, 48/85#, BHP 783/  
783#, Hyd 2104/2057#

### DST #2 4234-4258

30-45" 60-60" Rec. 200' gas in pipe,  
30' gassy oil, 40' oily muddy wtr  
(69% wtr.), 372' wtr. IF 24/72#  
85/193#, BHP 771/759#, Hyd 2080-2033#

### DST #3 4268-4287

30-45" 60-60", Weak to 9" blow; off  
bottom in 36". Rec. 220' gas in  
pipe, 30' gassy oil, 30' gassy oily  
muddy water (1% oil), 92' muddy wtr.  
(80,000 chlorides), IF 27/36# 36/72#  
BHP 900/888#, Hyd 2128/2080#

### DST #4 4300-4324

30-45" 60-60", Wk surf. blow  
Rec. 60' GIP, 30' OCM (5% Oil)  
FP 12/12# 12/24#, BHP 536/240#  
Hyd 2128/2092#, 119° temp.

### DST #5 4322-4417

30-45" 60-60", Rec. 510' GIP,  
80' OGCM (24% G, 32% Oil),  
FP 24/24#, 24/36#, BHP 982/940#

### DST #6 4557-4637

30-45" 45-60" Rec. 465' muddy wtr.,  
1985' Sulf. wtr., FP 133/418# 466/795#  
BHP 1335/1335#

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STATE CORPORATION COMMISSION  
Wichita, Kansas  
MAY 15 1991  
5-15-91  
CONSERVATION DIVISION

ORIGINAL

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

KCC 2771

MAY 14

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New

Date	4-25-91	Sec.	19	Twp.	19	Range	27	Called Out	9:35 AM	On Location	11:35 AM	Job Start	1:00 PM	Finish	2: PM
Lease	HAGG	Well No.	1-19			Location			96mm. 92 W/S E.S.			County	Laure	State	KS
Contractor	Chief Drly														
Type Job	Surface Casing														
Hole Size	12 1/4			T.D. 267'											
Csg.	8 5/8			Depth 242'											
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	15'			Shoe Joint											
Press Max.	Minimum														
Meas Line	Displace 16.51 BBL'S														
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 Drly Co.

Street Box 240

City Noisinton State Ks 67544

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

Purchase Order No.

X Marion Bueris

**CEMENT**

Amount Ordered 130 SKS 40/40 2% gel 3% gel

Consisting of			
Common	78	5.25	409.50
Poz. Mix	52	2.25	117.00
Gel.	3	6.75	N/C
Chloride	4	21.00	84.00
Quickset			

Handling	130	1.00	130.00
Mileage	30		156.00
			<b>Total</b>
			896.50

Floating Equipment

**Total \$ 1378.50**

**Disc - 275.70**

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MAY 15 1991

5-15-91

CONSERVATION DIVISION

Wichita, Kansas

\$ 1102.80

### EQUIPMENT

Ness			
No.	Cementer	Phil	
Pumptrk 46	Helper	Yancy	
No.	Cementer		
Pumptrk	Helper		
	Driver	Mark	
Bulktrk 114			
Bulktrk	Driver		

### DEPTH of Job

Reference:	Pump Trk Chg	380.00
30	Pump Trk mly	60.00
1	8 5/8 Plug	42.00
		<del>Subtotal</del>
		<del>25</del>
		<b>Total</b>
		482.00

Remarks: Cement did circulate

Thank You!

Allied Cementing Co Inc.

By Philip Firmje

Drly 254'

