

ORIGINAL

RELEASED CONFIDENTIAL

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- 055-20,952-000 APR 0 9 1992
County Finney FROM CONFIDENTIAL

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, Kansas 67202

Purchaser: none

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Wesley D. 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

3-2-91 3-11-91 3-11-91
Spud Date Date Reached TD Completion Date

NE SE NW Sec. 8 Twp. 23S Rge. 30W
3630 Ft. North from Southeast Corner of Section

2970 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

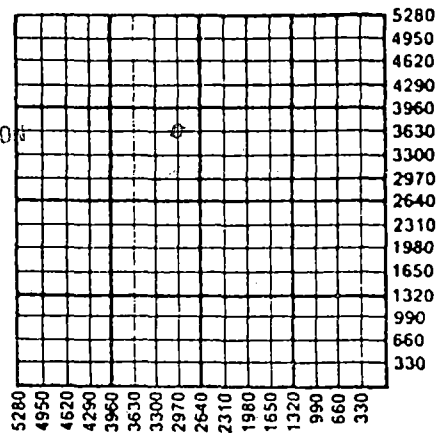
Lease Name Haag Well # 3-8

Field Name ---

Producing Formation none

Elevation: Ground 2848 KB 2855

Total Depth 4980' PBTD ---



Amount of Surface Pipe Set and Cemented at 309' 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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CONSERVATION DIVISION
Wichita, Kansas

AI-11 D+D

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 3-22-91

Subscribed and sworn to before me this 22 day of March, 19 91

Notary Public Betty M. Abbott
BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
Date Commission Expires 3-22-91
My Appt. Exp. 1-2-295

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)

15-055-20952-0000

Operator Name Chief Drilling, Inc. Lease Name Haag Well # 3-8
 Sec. 8 Twp. 23 Rge. 30W East West
 County Finney

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		

See attached sheet

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
Surface	12 1/2"	8 5/8"	20#	309'	60/40 Pozmix	165	3% c.c., 2% gel

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift 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 _____

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Chief Drilling, Inc. (#5886)
ACO-1 Attachment Sheet

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#3-8 Haag #15-055-20,952-000
8-23S-30W
Finney County, Kansas

APR 09 1992

FROM CONFIDENTIAL

CONFIDENTIAL

FORMATION TOPS:

Anhydrite	2045	+810
Base/Anhy	2059	+796
Heebner	3989	-1134
Lansing	4042	-1187
Stark	4353	-1498
Pawnee	4576	-1721
Cherokee Sh.	4618	-1763
Morrow	4740	-1885
Mississippi	4745	-1890
RTD	4890	-2035

LOG TOPS:

Anhydrite	2045	+810
Base/Anhy	2061	+794
Heebner	3995	-1140
Lansing	4043	-1188
Stark	4354	-1499
Pawnee	4576	-1721
Cherokee	4618	-1763
Morrow	4736	-1881
Mississippi	4745	-1890
LTD	4892	-2037

DST #1 4712-4742

30-30" 30-30", Very wk. blow 1st opening,
no blow 2nd opening. Rec. 20' oily mud
FP 71/71# 71/71#, BHP 107/107#

DST #2 4734-4760

30-30" 60-45", Wk blow thru-out
Rec. 10' Mud, few oil spots
FP 44/44# 44/44#, BHP 44/44#

DST #3 4760-4890

30-30" 30-30", Wk blow 1st opening,
no blow 2nd. Rec. 370' water,
Chlorides 62,000. FP 133/178#,
178/214# BHP 1164/1119#, Temp. 114°

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STATE CORPORATION COMMISSION

MAR 25 1991

CONSERVATION DIVISION
Wichita, Kansas

3-483-2627, Russell, Kansas
316-793-5861, Great Bend, Kansas

ORIGINAL

RELEASED

15-055-20952-0000

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

FROM CONFIDENTIAL
Russell, Kansas 67865

No. 7353
CONFIDENTIAL

APR 09 1992

3-2-91	Sec. 8	Twp. 23	Range 30	Called Out 10:00 AM	On Location 1:30 PM	Job Start 7:00 PM	Finish 7:45 PM
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Well No. 3-8
Location 23E 1569ct 10W 1N
County Finney State KS

actor *Warrior*
Job *Surface*
Size *12 1/4* T.D. *312'*
8 5/8 Depth *309'*
Size Depth
Pipe Depth
Shoe Joint
Minimum
Displace *19.1*

Owner *Chief*
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*
Street *Box 240*
City *Haisamton* State *Ks. 67544*
The above was done to satisfaction and supervision of owner agent or contractor
Purchase Order No.
X Marion Bussis
CEMENT

EQUIPMENT

No.	Cementer	Helper	Driver
# 158			
No.	<i>J.D. DRILLING</i>		
Helper	<i>Bob WERNER</i>		
# 110			<i>BILL White</i>
Driver			

Amount Ordered	Consisting of	Common	Poz. Mix	Gel.	Chloride	Quickset
<i>165.00</i>	<i>60/40 2% gel. 3% acc</i>	<i>99</i>	<i>66</i>	<i>3</i>	<i>5</i>	
		<i>5.25</i>	<i>2.25</i>	<i>6.75</i>	<i>21.00</i>	
		<i>519.75</i>	<i>148.50</i>	<i>N/C</i>	<i>105.00</i>	

PTH of Job

Price	Description	Amount
	<i>Pump truck charge</i>	<i>380.00</i>
<i>70</i>	<i>Mileage</i>	<i>140.00</i>
	<i>18 5/8 TWP</i>	<i>42.00</i>
	Sub Total	
	Tax	
	Total	<i>562.00</i>

Amount	Description	Amount
	Sales Tax	
<i>165</i>	Gas Handling	<i>1.00</i>
<i>70</i>	Mileage	<i>462.00</i>
	Sub Total	
	Total	<i>1400.25</i>

Remarks: *Cement did circulate.*
Thank you

Floating Equipment
Total \$ 1962.25
Disc - 392.45
\$ 1569.80

ORIGINAL

15055-20952-0000 RELEASED APR 9 1992

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

FROM CONFIDENTIAL

New

Date	3-11-91	Sec.	8	Twp.	23	Range	30	Called Out	3:00 P.M.	On Location	6:15 P.M.	Job Start	6:30 P.M.	Finish	8:45 P.M.
Lease	Haag	Well No.	# 3-8	Location	156 + 23	Set, 10W, 1W, E into			County	Finney	State	KS			
Contractor	Haag Rig #2			Warrior			Owner			Same			CONFIDENTIAL		
Type Job	Rotary Plug														
Hole Size	7 7/8"			T.D. 4890'											
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2"			Depth 2060'											
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

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 Company 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 Marion Burris

CEMENT

EQUIPMENT

#	No.	Cementer	Helper
Pumptrk	181	Tim	Cary
#	No.	Cementer	Helper
Pumptrk			
#	No.	Driver	Helper
Bulktrk	208	Doane	
Bulktrk			

Amount Ordered	245 SKS 60% 10 6.70 Gel		
Consisting of			
Common	147	5.25	771.75
Poz. Mix	98	2.25	220.50
Gel.	15	6.75	101.25
Chloride			
Quickset			

DEPTH of Job

Reference:	Description	Amount
70	Pumptrk Charge	475.00
70	Pumptrk Mileage	140.00
	Sub Total	
	Tax	
	Total	615.00

Handling	245	1.00	245.00
Mileage	70		686.00
		Sub Total	
		Total	2024.50

Remarks: Mixed - 50 SKS AT 2060'
 80 SKS AT 1050'
 30 SKS AT 525'
 50 SKS AT 320'
 10 SKS AT 40'
 15 SKS in Rathole
 10 SKS in Mousehole, Thanks

Floating Equipment

Total \$ 2639.50
Disc - 527.90
\$ 2111.60

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 Wichita, Kansas