

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

ORIGINAL

WELL NO. 15- 109-20,528-~~0000~~
County Logan **CONFIDENTIAL**
SE - SE - SW. Sec. 20 Twp. 12S Rge. 33W ^E

Operator: License # 5886

330 FSL Feet from SW (circle one) Line of Section

Name: Chief Drilling, Inc. **RELEASED**

2970 FEL Feet from SW (circle one) Line of Section

Address 224 E. Douglas, #530
Wichita 67202

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

City/State/Zip Wichita, KS 67202 **CONFIDENTIAL**

Well Name Bertrand "A" Well # 1-20

Purchaser: n/a

Field Name unknown

Operator Contact Person: Douglas W. Thimesch

Producing Formation n/a

Phone (316) 262-3791

Elevation: Ground 3156 KB 3163

Contractor: Name: Chief Drilling, Inc.

Total Depth 4770' PSTD n/a

License: 5886

Amount of Surface Pipe Set and Cemented at 311 Feet

Wellsite Geologist: Kevin C. Davis

Multiple Stage Cementing Collar Used? Yes No

Designate Type of Completion
 XX New Well Re-Entry Workover

If yes, show depth set -- Feet

Oil SWD SIGW Temp Well
 Gas ENHR SIGW
 X Dry Other (Core, USWB, etc.)

If Alternate II completion, cement circulated from --

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

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

Drilling Fluid Management Plan A 17-D DFD
(Data must be collected from the Reserve Pit)

Operator: 2-25-92

Chloride content 21M ppm Fluid volume 1200 bbls

Well Name: Wichita Kansas

Dewatering method used ---

Comp. Date 1-28-92 Old Total Depth 2-7-92

Location of fluid disposal if hauled offsite: ---

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. ---
 Dual Completion Docket No. ---
 Other (SWD or Inj?) Docket No. ---

Operator Name ---

Lease Name --- License No. ---

Spud Date 1-28-92 Date Reached TD 2-7-92 Completion Date 2-7-92

Quarter --- Sec. --- Twp. --- S Rng. --- E/W

County --- Docket No. ---

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 Vice President Date 2-19-92

Subscribed and sworn to before me this 19 day of February, 19 92.

Notary Public Betty M. Abbott

Date Commission Expires January 22, 1995
BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-95

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name Chief Drilling, Inc. Lease Name Bertrand "A" Well # 1-20
 Sec. 20 Twp. 12S Rge. 33 East County Logan
 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.)
 List All E.Logs Run: Radiation Guard

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See attached sheet

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#	311'	60/40 Pozmix	170	2%gel, 3%c.c.

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				
<input type="checkbox"/> Plug Back TD				
<input 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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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)
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

Chief Drilling, Inc.
224 E. Douglas, #530
Wichita, Kansas 67202

#1-20 Bertrand "A"
API #15-109-20,528-~~000~~
SE SE SW, Sec. 20-12S-33W
Logan Co., Kansas

FEB 2 4

CONFIDENTIAL

ACO-1 Attachment Sheet

FORMATION TOPS:

Anhydrite	2641	+522
Base/Anhy	2663	+500
Topeka	3846	-683
Heebner	4070	-907
Lansing	4113	-950
Muncie Creek	4258	-1095
"J" Zone	4312	-1149
Stark	4338	-1175
Hushpuckney	4375	-1212
BKC	4400	-1237
Marmaton	4441	-1278
Pawnee	4539	-1376
Myrick Station	4584	-1421
Cherokee	4627	-1464
Johnson Zone	4670	-1507
Mississippi	4745	-1584
RTD	4770	-1607

LOG TOPS:

Heebner	4069	-906
Lansing	4111	-948
Muncie Creek	4256	-1093
Stark	4340	-1177
Marmaton	4440	-1277
Pawnee	4537	-1374
Cherokee	4624	-1461
Johnson Zone	4669	-1506
Mississippi	4743	-1580
LTD	4769	-1606

RECEIVED
STATE CORPORATION COMMISSION

FEB 2 5 1992

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

FEB 2 6 1993

FROM CONFIDENTIAL

DST #1 4288-4320 ("J" zone)

30-30" 60-60", Weak blow
Rec. 180' water w/1' oil on top
FP 89/89#, 107/133#, BHP 580/580#
Hyd 2169/2123#, Chl. 52,000

DST #2 4337-4368 ("K" Zone)

30-30" 30-30", Wk blow 1st opening,
wk blow increasing to 6" blow @ end
of 2nd opening. Rec. 100' water w/
few oil spots on top. Chl. 59,000
FP 44/44# 107/107#, BHP 804/804#
Hyd 2215/2123#

DST #3 4636-4722 (Johnson Zone)

30-30" 30-30", Wk blow through out.
Rec. 30' oil cut mud (12% O, 88% M,
trace wtr.), 100' Oil cut mud (27% O,
73% M, trace wtr) FP 44/44# 62/62#,
BHP 983/939#, Hyd 2261/2215#

ORIGINAL

KCC

RELEASED

FEB 24

15109.20528.0000

Phone 913-483-2627, Russell, Kansas

2 6 1993

CONFIDENTIAL

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

1-29-92 2563

New

Date	1-28-92	Sec.	20	Fwp.	12	Range	33	Called Out	12:00 AM	On Location	3:00 PM	Job Start	12:00 AM	Finish	1:00 AM
Lease	Bertrand	Well No.	1-20		Location			monument 85 1/2 E N/S		County	Logan	State	KS		
Contractor	Drilling R/S #1														
Type Job	Surface Pipe Job														
Hole Size	12 1/4		T.D. 313 #												
Csg. 90"	6 3/4		Depth 313 #												
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	15 #		Shoe Joint												
Press Max.	Minimum														
Meas Line	298 #		Displace 19.7 bbl												
Perf.															

EQUIPMENT

Great Bend

No.	Cementor	Milke
Pumptrk 46	Helper	Dunn
No.	Cementor	STATE CORPORATION
Pumptrk	Helper	
	Driver	Bill. w. FEB 25 1992
Bulktrk 116		
Bulktrk	Driver	CONSERVATION Wichita, Kansas

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.

Chief

Charge To ~~Drilling Co. Inc.~~

Street Box 240

City Hainsinton State Ko. 67544

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

Purchase Order No.

X N.F. D... Thank you

CEMENT

Amount Ordered	170 60/100 2+3		
Consisting of			
Common	102	5.10	622.20
Poz. Mix	68	2.40	163.20
Gal. Chloride	3	6.75	NIC
Chloride	5	21.00	105.00
Quickset			

DIVISION			
Handling	170	1.00	170.00
Mileage	17		115.60
Total			1176.00

DEPTH of Job	313 #	
Reference:	Pump Truck charge	380.00
	17 milage charge	34.00
	1 wooden plug	42.00
	etc	
	etc	
	Total	456.00

Remarks: Cement did circulate

Floating Equipment

Total \$ 16.32.00

Disc - 244.80

\$ 1387.20

Allied Cementing Co Inc Thank you Mike Menach

