

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: n/a

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Loren G. Deaver

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas ENHR SIGW

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

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

Operator: _____ **DEC 30**

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

12-13-92 12-21-92 12-22-92
Spud Date Date Reached TD Completion Date

API NO. 15- 179-21,059 ⁰⁰⁰⁰ ORIGINAL

County Sheridan

C N/2 SW - Sec. 23 Twp. 9S Rge. 26W X ^E _W

1980 FSL Feet N/S (circle one) of Section Line

3960 FEL Feet E/W (circle one) of Section Line

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

Lease Name Borger Well # 1-23

Field Name unnamed

Producing Formation none

Elevation: Ground 2632 KB 2639

Total Depth 4160 PBSD ---

Amount of Surface Pipe Set and Cemented at 285' 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.

Drilling Fluid Management Plan D&D 1-12-95
(Data must be collected from the Reserve Pit)

Chloride content 6M ppm Fluid volume 600 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name _____

Lease Name _____ License No. 199A

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

County _____ Docket No. _____

FROM CONFIDENTIAL

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 [Signature]
Title Vice President Date 12-30-92

Subscribed and sworn to before me this 22 day of January, 19 95.

Notary Public [Signature]

Date Commission Expires 1-22-95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
GEOLOGIST REPORT RECEIVED
1-5-95
Distribution
KGS SWS/Rep NGPA
Plug Other (Specify)
1003



Sec. 23 Twp. 9S Rge. 26 East West

County Sheridan

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

Log Formation (Top), Depth and Datum Sample

Name Top Datum

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#	285'	60/40 Pozmix	180	2%gel, 3%cc

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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 Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 _____

Chief Drilling, Inc.
Op. #5886
120 S. Market #300
Wichita, Kansas 67202

API #15-179-21,059-0000
#1-23 BORGER
C N/2 SW, Sec. 23-9S-26W
Sheridan Co., Kansas

ACO-1 ATTACHMENT SHEET

FORMATION TOPS:

Anhydrite	2292	+347
Base/Anhy	2325	+314
Topeka	3640	-1001
Heebner	3851	-1212
Toronto	3869	-1230
Lansing	3887	-1248
BKC	4121	-1482
RTD	4160	-1521

ORIGINAL

LOG TOPS:

Anhydrite	2292	+347
Base/Anhy	2326	+313
Heebner	3853	-1214
Toronto	3873	-1234
Lansing	3888	-1249
BKC	4121	-1482
LTD	4159	-1520

DEC 30

CONFIDENTIAL

DST #1 3847-3879 (Tor.)

30-30" 30-30"

Rec. 30' mud, FP 44/44# 44/44#

BHP 983/894#, 121°

DST #2 3924-3943 (Lans. 50')

30-30" 30-30"

Rec. 370' wtr., FP 62/107# 142/178#

BHP 580/535#, Chl. 72,000 ppm, 121°

DST #3 3940-3985 (Lans 70', 90', 100')

30-45" 60-60", Rec. 300' water

FP 44/89# 89/133#, BHP 1028/939#

Chl. 69,000 ppm, 121°

DST #4 3995-4050 (Lans. 140', 160')

30-30" 30-30", Rec. 25' mud w/oil

spts. FP 35/35# 35/35#

BHP 894/804#, 121°

DST #5 4048-4105 (Lans. 180', 200')

30-30" 30-30", Rec. 3' mud w/oil

show oil, FP 26/26#, 26/26#

BHP 50/26#, 121°

RELEASED

FEB 4 1994

FROM CONFIDENTIAL

RECEIVED
COMMISSION

JAN 5 1993

CONSERVATION DIVISION
WICHITA, KANSAS

15-179-21059-0000

Russell, Kansas
793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5628

Date	12-13-92	Sec.	23	Twp.	9S	Range	26W	Called Out	3:30 PM	On Location	6:00 PM	Job Start	9:00 PM	Finish	9:30 PM
Lease	BORSEN	Well No.	1-23	Location	12N 2E 1/2 S Quarter			County	Sheridan	State	K.S.	Ogarkley			
Contractor	Chief Drilling														
Type Job	SURFACE														
Hole Size	12 1/4	T.D.	287												
Csg.	8 5/8	Depth	286												
Tbg. Size		Depth													
Drill Pipe	1 1/2	Depth	287												
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.	200	Minimum	150												
Meas Line		Displace	17.68												
Perf.															

EQUIPMENT

OKley No.	Cementer	Bill R. Leikam
Pumptrk 6463	Helper	Terry Hinerich
Pumptrk No.	Cementer	
Pumptrk	Helper	
Bulktrk 213	Driver	Bill Fitzgerald
Bulktrk	Driver	

DEPTH of Job

Reference:	pump truck charge	380.00
	pump truck charge 8 5/8	21.00
	pump truck mileage 52	104.00
	Sub Total	505.00
	Tax	
	Total	

Remarks: 7 ft surface pipe
Cement did circulate

Owner Chief Drilling Inc.
To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.

Charge To Chief Drilling Inc.
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.
x Chester A. Dinkel

CEMENT

Amount Ordered	180 sks 6440 3% cc 2% gel		
Consisting of			
Common	108	660	712.80
Poz. Mix	72	265	190.80
Gel.	3	475	N/C
Chloride	7	21.00	147.00
Quickset			

Handling	DEC 30	Sales Tax	
Mileage 52 m.	CONFIDENTIAL 04	100	180.00
			374.40
		Sub Total	1605.00
		Total	

Floating Equipment RECEIVED
COMMISSION

ORIGINAL

JAN 5 1993
1994
Thank you, A. Gain
CONFIDENTIAL

RELEASED

FEB 4

FROM CONFIDENTIAL

Phone 913-433-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15-179-21059-0000

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

ALLIED CEMENTING CO., INC.

5630

Home Office P. O. Box 31

Russell, Kansas 67665

new

Date	12-21-92	Sec.	23	Twp.	9S	Range	26W	Called Out	7:00 PM	On Location	9:30 PM	Job Start	11:00 PM	Finish	1:45 AM
Lease	Borger		Well No.	1-23		Location				County	Sheridan		State	Kw	
Contractor	Chief Drilling Inc #2							Owner	Chief Drilling, Inc.						
Type Job	Plug							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 3/8		T.D. 4160												
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	4 1/2		Depth 2285												
Tool	Depth														
Cement Left in Csg.	Shoe Joint														
Press Max.	Minimum														
Meas Line	Displace														
Perf.															

EQUIPMENT

HAYS Pumptrk	No.	Cementer	10270	Bill R. Leikam
	153	Helper		MARK DEWIS
Pumptrk	No.	Cementer		
		Helper		
Bulktrk 2029		Driver		Steve Williams
		Driver		

DEPTH of Job

Reference:	Pump Truck Charge	380.00
	2.00 p/mi 52 mi	104.00
	1-8 3/8 PRY hole plug	21.00
	Sub Total	
	Tax	
	Total	505.00

Remarks:
 1st plug @ 2285' w/ 250lb
 2nd plug @ 1360' w/ 100lb
 3rd plug @ 330' w/ 40lb
 4th plug @ 40' w/ 10lb
 150lb in Rat hole
 100lb in mouse hole

Charge To	Chief Drilling, Inc.		
Street	120 S. Market, #300		
City	Wichita	State	Kw
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.	H.F. Orbel		
X			
CEMENT			
Amount Ordered	200 sbw 60/40 p02 6% bel 2SK Fused		
Consisting of			
Common	120 SKs	635	762.00
Poz. Mix	80 SKs	265	212.00
Gel.	10	675	67.50
Chloride			
Quickset			
FloSeal	2	25.00	50.00
		Sales Tax	
Handling	@ 1.00		200.00
Mileage	4¢/SB / mile		416.00
52	RELEASED	Sub Total	
	FEB 4 1994	Total	1707.50

Floating Equipment

~~CONFIDENTIAL~~
 FROM COMMISSION

JAN 5 1993
 ORIGINAL CONSERVATION DIVISION
 DEPARTMENT OF REVENUE

DEC 30
 CONFIDENTIAL

Thanku