

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

Operator: License # 5886Name: Chief Drilling, Inc.Address 120 S. Market, #300City/State/Zip Wichita, KS 67202Purchaser: n/aOperator Contact Person: Douglas W. ThimeschPhone 316) 262-3791Contractor: Name: Chief Drilling, Inc.License: 5886Wellsite 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, Expl., Cathodic, etc.)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PSTD
☐ 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- 179-21,059County SheridanC 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 # 1-23Field Name unnamedProducing Formation noneElevation: Ground 2632 KB 2639Total Depth 4160 PSTD ---Amount of Surface Pipe Set and Cemented at 285' FeetMultiple 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 1-12-92
(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. FEB 4 1994Quarter Sec. FROM CONFIDENTIAL

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 Betty M. AbbottTitle Vice President Date 12-30-92Subscribed and sworn to before me this 22 day of January, 19 95.Notary Public Betty M. AbbottDate Commission Expires 1-22-95

K.C.C. OFFICE USE ONLY
 F ☒ Letter of Confidentiality Attached
 C ☒ Wireline Log Received
 C ☒ Geologist Report Received

IAN 54992
 KCC ☒ SVD/Rep ☒ NGPA
 CONSERVATION ☒ Plug ☒ Other (Specify)
 (Specify)



DEC 30

CONFIDENTIAL

Form ACO-1 (7-91)

WJF-P-EE

69839.

Sec. 23 Twp. 9S Rge. 26☐ EastCounty Sheridan☒ 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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Radiation Guard Log

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name

Top

Datum

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 1/4"	8 5/8"	20#	285'	60/40 Pozmix	180	2%gel, etc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type 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, 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

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

COPY 23-9S-26W

API #15-179-21,059
#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

LOG TOPS:

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

COPY

DEC

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/no

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

BHP 50/26#, 121°

RELEASED

SEP 4 1994

FROM CONFIDENTIAL

JAN 5 1995

CONSERVATION DIVISION
U.S. DEPT. OF THE INTERIOR