

KCC

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

API NO. 15- 179-21.021

NOV 05

County Sheridan

CONFIDENTIAL

NW - NW - SW - Sec. 25 Twp. 8S Rge. 27W X U

Operator: License # 5886

2310 Feet N/S (circle one) of Section Line

Name: Chief Drilling, Inc.

4950 Feet E/W (circle one) of Section Line

Address 224 E. Douglas, #530

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

City/State/Zip Wichita, KS 67202

Lease Name BROWN Well # 1-25

Purchaser: Koch

Field Name unnamed

Operator Contact Person: Douglas W. Thimesch

Producing Formation Kansas City

Phone (316) 262-3791

Elevation: Ground 2539 KB 2544

Contractor: Name: Allen Drilling Company

Total Depth 3930 PBDT ---

License: 5418

Amount of Surface Pipe Set and Cemented at 256 Feet

Wellsite Geologist: Kevin Howard

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion

If yes, show depth set 2206 Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from 2206

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

feet depth to surface w/ 300 sx cmt.

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

Drilling Fluid Management Plan 11-7-91
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 2,000 ppm Fluid volume 650 bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

10-4-91 10-12-91 10-24-91
Spud Date Date Reached TD Completion Date

Lease Name _____ License No. _____

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 11-5-91

Subscribed and sworn to before me this 5 day of November, 19 91.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-92

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"/> NGPA
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify) <u>FS</u>

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-92

DEC 0 8 1992 NOV 6 1991

Form ACO-1 (7-91)

FROM CONFIDENTIAL

Sec. 25 Twp. 8S Rge. 27 East West

County Sheridan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests (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.)

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

List All E.Logs Run:

See attached sheet

Radiation Guard Log
 Gamma Ray Bond Log

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#	256'	60/40poz	170	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10.5#	3929'	ASC	75	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Protect Casing	2206'	60/40 poz	300	6% gel
<input type="checkbox"/> Perforate				
<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
4/ft	3850-3852'	500 gal, 15% MCA	OH

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8"	3899'	---		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.				Producing Method			
10-24-91				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gravity
	65				15		35°

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)
224-E. Douglas #530
Wichita, Kansas 67202

COPY

#1-25 Brown
API #15-179-21,021
NW NW SW, Sec. 25-89-27W
Sheridan County, Kansas

KCC

NOV 05

CONFIDENTIAL

ATTACHMENT SHEET ACO-1

DST #1 3707-3723 (35' zone)
30-30" 30-30", Rec. 1' oil,
500' water. FP 89/133#, 178/223#,
BHP 804/804#, Hyd 1893/1847,
59,000 Cl., 117°

DST #2 3722-3745 (50' zone)
45-45" 45-45"
Rec. 63' GIP, 20' oil, 36°;
25' MO (82% oil) FP 80/80#
80/80#, BHP 401/178#, Hyd 1802/
1756, Temp 117°

DST #3 3740-3768 (70' zone)
30-30" 30-30", Rec. 5' mud w/oil
spots. FP 45/45# 45/45#, BHP
45/45#, Hyd 1939/1893#, 117°

DST #4 3784-3825 (140' zone)
30-30" 30-30" Rec. 5' mud
BHP 446/223#, FP 71/71# 71/71#
Hyd 1939/1893#, Temp 117°

DST #5 3821-3860 (160-180' zone)
30-30" 30-30", GTS in 2nd open
Rec. 860' oil (35° Gravity), 63' MO
BHP 1028/1028#, FP 116/178# 258/312#
Hyd 1985/1939#, Temp 117°

DST #6 3859-3882 (200' zone)
30-30" 30-30", GTS in 18", Rec. 1250'
oil (35° gravity), 1250' wtr. (est.
reversed out), 58,000 ppm. BHP 1164/
1164#, FP 312/715#, 804/983#
Hyd 1985/1939#, Temp 117°

FORMATION TOPS:

Anhydrite	2153	+391
Base/Anhy	2187	+357
Topeka	3439	-890
Heebner	3649	-1105
Lansing	3688	-1144
Base KC	3904	-1360
RTD	3930	-1386

LOG TOPS:

Anhydrite	2152	+392
Base/Anhy	2285	+359
Heebner	3646	-1102
Toronto	3666	-1122
Lansing	3685	-1141
Stark	3857	-1313
BKC	3902	-1358
LTD	3930	-1386

RECEIVED
STATE CORPORATION COMMISSION

RELEASED

NOV 6 1991

DEC 0 8 1992

FROM CONFIDENTIAL