

4/10/87
KCC

S SIDE ONE

RELEASED
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
Date: **MAY 1 1987**
WELL COMPLETION OR RECOMPLETION FORM
FROM CONFIDENTIAL
ACC-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # **5886**
Name **CHIEF DRILLING CO., INC.**
Address **151 N. Main Suite #700**
Wichita, Kansas 67202
City/State/Zip

Purchaser **Koch Oil Company**

Operator Contact Person **F.W. Shelton, Jr.**
Phone **Vice President 262-3791**

Contractor: License # **5883**
Name **Warrior Drilling Co.**

Wellsite Geologist **Steve Miller**
Phone **264-7433**

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-02-85 12-10-85 ~~02-10-86~~
Spud Date Date Reached TD Completion Date
4235 4142
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at **7 jts 294' @ 303'** feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set **1872** feet
If alternate 2 completion, cement circulated from **1872** feet depth to **surface 400** feet

API NO. 15-**063-20,994**
County **Gove**
100' N SW SW SE 17 Twp 15S Rge 28 East West

330 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

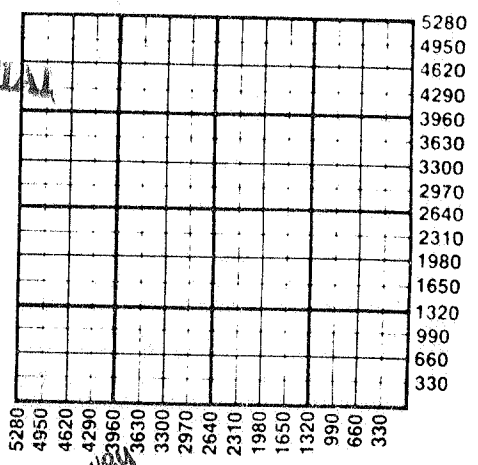
Lease Name **COBERLY "C"** Well # **1**

Field Name **ZEIGENBALK**

Producing Formation **Lansing**

Elevation: Ground **2424 2428 KB 2431**
Section Plat

CONFIDENTIAL



FEB 03 1986
State Geology Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket

Questions on this portion of the ACC-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # **T-85-1008**

Groundwater **.....** Ft North from Southeast Corner (Well) **.....** Ft West from Southeast Corner of **NE NE NW** Sec **20** Twp **15** Rge **28** East West
 Surface Water **.....** Ft North from Southeast Corner (Stream, pond etc.) **.....** Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) **.....**
(purchased from city, R.W.D. #)

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Solid Other (Specify) **.....**
3818 - 4108

In writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

Operator Name **Chief Drilling Co., Inc.** Lease Name **COBERLY "C"** Well # **1**

Sec. **17** Twp. **15S** Rge. **28** East West County **Gove**

Date of First Production 1-10-86	Producing Method <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	Gas	Water	Gas-Oil Ratio	Gravity
	87 Bbls	15 MCF			37

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

12-06-85 Drilling @ 3630' DST #1 3666-3682 (Lans. 70' z) 30-45-30-30 Rec. 25' MW IBHP: 1155# FBHP: 983# IFP: 44-44 FFP: 44-44

12-07-85 DST #2 3785-3812 (160 z) 30-45-60-45 Rec. 110' MW IBHP: 894# FBHP: 804# IFP: 62-62 FFP: 80-89 DST #3 3810-3840 (180z) 30-45-60-45 Rec. 640' GIP, 278' CGO, 92' MO, IBHP: 303# FBHP: 303# IFP: 80-89 FFP: 116-142

12-08-85 DST #4 3845-3875 (200'z) 30-45-60-45 strong blow off bottom in 8", 920' GIP: 184' CGO (37") 70' GMO (70% O) 20' MW (43,000 PPM IBHP: 508# FBHP: 508# IFP: 89-116 FFP: 125-151

12-09-85 DST #5 3872-3902 (220z) 30-45-75-45 strong blow off bottom in 12", Rec. 430' GIP: 90' CGO, 30' GMO, IBHP: 357# FBHP: 339# IFP: 80-80 FFP: 98-98 27 gravity @ 19 degrees

12-10-85 DST #6 3906-3942 (Upper Marmaton) wk blow died 30-30-30-30 Rec. 15' MW w/cup of O IBHP: 53# FBHP: 53# IFP: 44-44 FFP: 44-44

DST #7 4079-4121 (Ft. Scott) strong blow off bottom in 15" 30-45-75-60 Rec. 360' GIP 50' HOCM (20%) IBHP: 500# FBHP: 800# Ran 106 jts. 4161' new 10.5# 4 1/2" casing set @ 4170', cem. w/175 sks class A cement, Floats @ 4157', port collar 1860', cement control basket @ 1890', centralizers 4157', 4000', 3900, 3850, 3800, 3750, 1860, Comp. @ 12:30 am

Formation Description

FORMATION TOPS:		E-LOG TOPS:	
<input checked="" type="checkbox"/> Log		<input checked="" type="checkbox"/> Sample	
Anhydrite	1849 + 582	Anhydrite	1843 + 588
Base Anhydr.	1883 + 548	Base Anhydr.	1874 + 557
Topeka	3315 - 884	Topeka	3311 - 880
Oread	3492 - 1061	Oread	3488 - 1057
Heebner	3548 - 1117	Heebner	3544 - 1113
LKC	3586 - 1155	LKC	3581 - 1150
Muncie Creek	3745 - 1314	Muncie Creek	3742 - 1311
Stark	3839 - 1408	Stark	3835 - 1804
Hush Puckney	3874 - 1443	Hush Puckney	3868 - 1437
Pawnee	4014 - 1583	Pawnee	4008 - 1577
Ft. Scott	4092 - 1661	Ft. Scott	4090 - 1659
Cherokee	4117 - 1686	Cherokee	4114 - 1683
Miss.	4195 - 1764	Mississippi	4216 - 1785
RTD	4235 - 1804	LTD	4233 - 1802

Well Log

Sand/Clay	0	465
Shale	465	1849
Anhydrite	1849	1883
Shale	1883	3264
Shale/Lime	3264	3815
Lime	3815	4235
RTD	4235	

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#	303'	cem. 190	sks. 60	40. posmix.
production..	7.7/8	4.1/2"	10.5#	4170'	175. sks class A cement.		

PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
1 hole @ 4091	1 hole @ 4108	acid w/1000 gal. 15% INS. 5 BPM @ 1400# max. press					
1 hole @ 3820	1 hole @ 3891	acid w/1500 gal. INS. 8 BPM @ 1600# max. press					
3818-3822	3845-3849	3889-3893	4 sh. per ft. acid w/1250 gal. 15% INS. 3.1/2				190
treat perfs. w/1250 gal. 15% INS. 4 BPM @ 600# max. press				treat perfs. 3318-3822 w/1250 gal 15% INS 4 BPM @ 800# max press			

TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Size	Set At	Packer at			
2 3/8"	120jts @ 3921	NA		to	