

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5886
Name Chief Drilling Co., Inc.
Address 151 N. Main #700
Wichita, Ks. 67202
City/State/Zip

Purchaser NA

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

Contractor: License # 5883
Name Warrior Drilling Co.

Wellsite Geologist Ron Dulos
Phone 262-3791

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

11-19-85 11-29-85 1-02-86
Spud Date Date Reached TD Completion Date

4250 RTD 1886' SWD TD 1844
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 8 its. 320' @ 327 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-063-20, 985

County Gove County, Ks.

NE NE NW Sec 20 Twp 15S Rge 28 East West

4950 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

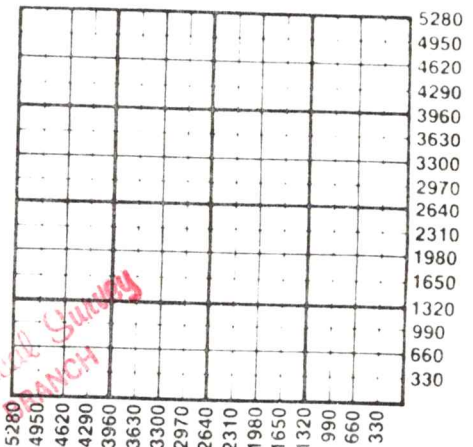
Lease Name COBERLY "D" Well # SWD

Field Name

Producing Formation

Elevation: Ground 2425 KB 2432

Section Plat



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State Geological Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

well drilling permit # T-85-1008

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of

NE NE NW Sec 20 Twp 15S Rge 28 East West
B & B Drilled the well

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. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

697449

Operator Name **Chief Drilling Co., Inc.** Lease Name **COBERLY "D"** Well # **SWD**

Sec. **20** Twp. **15S** Rge. **28W** East West County **Gove**

METHOD OF COMPLETION

Open Hole Perforation
 Other (Specify)

INSTRUCTIONS: Show important top tests giving interval tested, pressure reached static level, if gas to surface during test. A

Dually Completed
 Commingled

Run all cores. Report all drill stem and shut-in pressures, whether shut-in time, fluid recovery, and flow rates. Attach copy of log.

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

Formation Description
 Log Sample

11-23-85 DST #1 3666-3689 (LKC 70) Mlsarun
 11-24-85 DST #2 3666-3689 (LKC 70) 30-45-60-45 fair blow 4" in Bucket, Rec. 84' CGO, IBHP: 1101# FBHP: 1047# IFP: 80-80 FFP: 98-98
 11-25-85 DST #3 3744-3824 (LKC 140-160) 30-45-60-45 strong blow off bottom in 30", Rec. 575' W chlor. 61,000 IBHP: 1028# FBHP: 983# IFP: 107-151 FFP: 178-312 DST #4 3824-3854 (180 z) wk. blow throughout 30-45-75-60 15' OSH, IBHP: 571# FMHP: 473# IFP: 44-44 FFP: 44-44
 11-26-85 DST #5 3844-3886 (Lans. 200 z) strong blow in 10 min. 30-45-60-45 Rec. 490' MW chlor. 61,000 ppm IBHP: 1409 FBHP: 1210# IFP: 133-178 FFP: 223-267
 11-27-85 DST #6 3936-4022 (Marmaton) wk. blow died in 23 min. 30-30-30-30 Rec. 20' M, IBHP: 965# FBHP: 580# IFP: 89-89 FFP: 89-89
 11-28-85 DST #7 4088-4133 (Ft. Scott) wk. blow bldg. to strong bl. Rec. 25' O specked M, IBHP: 133 FBHP: 133 IFP: 44-44 FFP: 53-53 30-45 -60-45 RTD 4250'
 11-29-85 Logged, ran short string casing to Anhydrite 63 jts. 1868' used 4 1/2" casing, set @ 1874' cemented w/500 sks 50-50 posmix, 6% gel, 4% gilsonite, plug down @ 5:00 pm plug set @ 3680' w/25 ax. plug set @ 2250' w/50 sks. SWD well

Well Log

Clay & Sand	0	465	
Shale	465	1855	
Anhydrite	1855	1886	
Shale	1886	3751	
Lime/Shale	3751	4025	
Lime	4025	4250	RTD

FORMATION TOPS:	LOG	SAMPLE	E-LOG TOPS:
Anhydrite 1855 + 577			Anhydr. 1850 + 582
Base Anhydr. 1886 + 546			Topoka 3314 + 882
Topoka 3321 + 889			Oread 3495 + 1063
Hecbner 3554 + 1122			Hecbner 3550 + 1118
LKC 3590 + 1158			LKC 3588 + 1156
Muncie Creek 3751 + 1319			LKC 3847 + 1415
Stark Shale 3849 + 1417			Stark 3914 + 1482
Ilush Puckney 3883 + 1451			Marmaton 3936 + 1504
OKC 3920 + 1488			OKC 4030 + 1588
Marmaton 3937 + 1505			Ft. Scott 4101 + 1669
Pawnee 4024 + 1592			Pawnee 4127 + 1695
Ft. Scott 4109 + 1677			Cherokee 4218 + 1786
Cherokee 4130 + 1698			LTD 4247 + 1815
Mississippi 4214 + 1782			
RTD 4250 + 1818			

12-27-85 Moved in Chief Cable tools, rigged up and checked TD ran log top of Cedar Hills 1407' bottom @ 1630 TD @ 1844'

Perforate 1508-1524
 1524-1554
 1562-1592
 1598-1618
 1625-1629

12-30-85 Swab Casing
 12-31-85 Swab casing injection test 100 bbls. in 40 min.
 01-02-86 ran tension packer 3' tail pipe and 46 jts. 2 3/8" plastic lined tubing packer set @ 1459.17" packer set in tension

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 State Geological Survey
 WICHITA BRANCH

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#	200	posmix	60-40	2% gel, 3% cc.
short string	63 jts.	1868	4 1/2"	1874	w/500	50-50	posmix, 6% gel, 4% gilsonite
46 jts. 2 3/8" plastic lined tubing packer @ 1459.17							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
100 holes	1508-1524	1524-1554	1562-1592	1598-1618	1625-1629		
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size 2 3/8"		Set At 1462.17		Packer at 1459.17		NA	
Date of First Production NA		Producing Method NA <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					