

Paul

4/18/85
7-16-86
KCC

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

CONFIDENTIAL

Operator: License # 5886
Name Chief Drilling Co., Inc.
Address 905 Century Plaza
Wichita, Ks. 67202
City/State/Zip

Operator Contact Person F.W. Shelton, Jr.
Phone 316-262-3791

Contractor: License # 5886
Name Warrior Drilling Co., Rig. #2

Wellsite Geologist Ron Dulos
Phone 316-262-3791

PURCHASER NA

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

4-08-85 4-16-85 4-16-85
Spud Date Date Reached TD Completion Date

P/TD 4370!
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 282 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. 15-063-20,902

County Gove

NE SW SW Sec. 25 Twp. 15S Rge. 29W East West

990 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

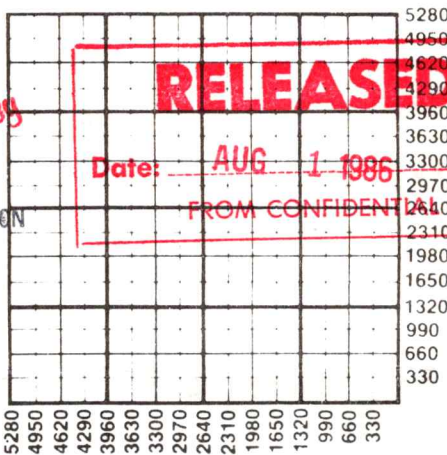
Lease Name Ziegenbalg "B" Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2571 KB 2578

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #

Dean Wilson Irrigation Well

Groundwater Ft North from Southeast Corner
(Well) NE Sec 25 Twp 15 Rge 29 East West
Docket # 0175685

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring

Docket #

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

Operator Name **Chief Drilling Co., Inc.** Lease Name **Ziegenbalg B 1** Well # **25** SEC. **25** TWP. **15S** RGE. **29** East West

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

4-13-85 DST #1 3931-3969 (180' zone) 30-45-60-45 wk. blow, Rec. 55' Water, IBHP: 1164# FBHP: 1164#, IFP: 62-62 FFP: 62-62 Hydrostatic Press. 2031-1985
 4-14-85 Drilling @ 4006'
 4-15-85 Drilling @ 4297' DST #2 4193-4305 (Pt.Scott/Cherokee) 30-30-30-30 wk. blow died in 11", Rec. 20' Mud IBHP: 625#, FBHP: 491 IFP: 89-89 FFP: 89-89 Hydro. 2077-2031
 4-16-85 Drilled to T.D. 4370' Plugged w/210 sx. 50-50 posmix, 6% gel, 3% c.c., 1 sx. of celloflake, plugged w/30 sx. @ 2010', 100 sx. @ 1050', 50 sx. @ 280', 10 sx. @ 40', 10 sx. in the rat hole, 10 sx. in the mousehole, Started @ 8:00 a.m. Completed @ 10:30 a.m. Marion Schmidt Hays District #6 State Plugger

Name	Top	Bottom
FORMATION TOPS:		
Anhydrite	1982 +	596
Base Anhyd.	2014 +	564
Heebner	3677 -	1099
Lansing	3712 -	1134
Muncie Cr.	3873 -	1295
Stark	3961 -	1383
Hush Puck	3996 -	1418
Marmaton	4063 -	1485
Pawnee	4149 -	1571
Fort Scott	4215 -	1637
Cherokee	4236 -	1658
Mississippi	4324 -	1746
RTD	4370 -	1792
E-LOG TOPS:		
Anhydrite	1976 +	602
Base Anhydr		
Heebner	3675 -	1097
Lansing	3712 -	1134
Muncie Cr	3873 -	1295
Stark	3961 -	1383
Hush Puck	3994 -	1416
Marmation	4061 -	1483
Pawnee	4162 -	1584
Fort Scott	4219 -	1641
Cherokee	4244 -	1666
Mississippi	4334 -	1756
LTD	4374 -	1796

Well log

Sand Clay	0	436
Sand	436	1165
Shale	1165	1982
Anhydrite	1982	2014
Shale	2014	3158
Lime & Sh.	3158	3817
Lime	3817	4370
RTD	4370	

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"	new 20# 273	..set..@..282'	..1.75..sx..	60-40 posmix	3% c.c., 2% gel
PERFORATION RECORD							
Shots Per Foot	Specify Footage of Each Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
.....
.....
.....
TUBING RECORD							
Date of First Production	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Producing Method		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					