

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 Suite #700  
Wichita, Kansas 67202  
City/State/Zip

Purchaser NA

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

Contractor: License # 5883  
Name Warrior Drilling Co.

Wellsite Geologist MITCH ALLEN  
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

1-10-87	1-19-87	1-23-87
Spud Date	Date Reached TD	Completion Date
4700'	2156	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 303' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set NA feet  
If alternate 2 completion, cement circulated from 2156 feet depth to Surface SX cmt

API NO. 15-101-21,358-0000  
County Lane  
NE NE SW  
Sec. 36 Twp. 19S Rge. 29  East  West

2310 ft from South line of Sec.  
2970 ft from East line of Sec.  
2970 ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

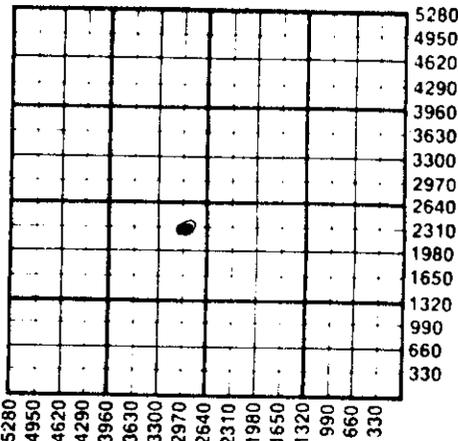
Lease Name TURAN Well # 4

Field Name

Producing Formation NA

Elevation: Ground 2814 KB 2821

Section Plat



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 #  
 Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water.....Ft North from Southeast Corner (Stream,pond etc).....Ft West from Southeast Corner NW/4 Sec 18 TWP 20 Rge 28  East  West Kent McMillan RR Dighton, Ks.  
 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.

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 F.W. Shelton, Jr., Vice President  
Date 1-23-87

Subscribed and sworn to before me this 23 day of Jan 1987.  
Notary Public Martha E. Gustafson

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



JAN 27 1987  
1-27-87  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 36 Twp. 19S Rge. 29E

Operator Name **Chief Drilling Co., Inc.** Lease Name **TRUAN** Well # **4**

Sec. **36** Twp. **19S** Rge. **29**  East  West County **Lane**

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

1-16-87 DST #1 4298-4322 (Upper 200) 30-60-60-60 st bl off bottom immediately, Rec. 1560' SW; 51,000 chlorides, IBHP: 930# FBHP: 930# IFP: 241-706 FFP: 867-930 DST #2 4330-4340 (Lower 200) 30-45-75-45 IF: st blow FF: st blow, Rec. 600' SW; 49,000 chlorides IBHP: 804# FBHP: 759# IFP: 80-116 FF: 151-267 DST #3 4343-4351 Middle Creek 30-30-30-30 IF: very wk bl died in 3 1/2 min. Rec. 4' M, IBHP: 62# FBHP: 62# IFP: 41-41 FFP: 41-41 DST #4 4349-4380 (Lansing 220) 30-60-75-60 IF: very st bl, FF: st bl Rec. 1600' SW, 48,000 ppm chlorides IBHP: 580# FBHP: 580# IFP: 178-491 FFP: 535-580 DST #5 4405-4475 (Marmaton) 30-30-30-30 very wk bl FF: no blow, Rec. 35' M w/1 gal O on top, IBHP: 894# FBHP: 464# IFP: 89-89 FFP: 89-89 RTD 4700', Ran E-log, cemented 2150' 5 1/2" 14# casing, set @ 2156' cem w/235 sks of light cement - cement circulated completed @ 7:30pm SW Disposal Well

FORMATION TOPS:

Anhydrite 2139 + 682  
 B/Anhydrite 2170 + 651  
 Heebner 3970 - 1149  
 Lansing 4011 - 1190  
 Muncie Creek 4196 - 1375  
 Stark 4299 - 1478  
 Huksh Puckney 4344 - 1523  
 Base KC 4388 - 1567  
 Marmaton 4416 - 1595  
 Pawnee 4513 - 1692  
 Ft. Scott 4559 - 1738  
 Cherokee Sh 4581 - 1760  
 Miss. Dolomite 4652 - 1831  
 RTD 4700 - 1879

E-LOG TOPS:

Anhydrite 2138 + 683  
 Base Anhydr. 2166 + 655  
 Heebner 3971 - 1150  
 Lansing 4013 - 1192  
 Muncie Creek 4199 - 1378  
 Stark 4302 - 1481  
 Hush Puckney 4344 - 1523  
 BKC 4388 - 1523  
 Marmaton 4418 - 1597  
 Pawnee 4513 - 1692  
 Ft. Scott 4559 - 1738  
 Cherokee Shale 4582 - 1761  
 Miss. Dolomite 4654 - 1833  
 LTD 4702 - 1881

Well Log

Clay Shale	0	315
Shale	315	1585
Shale/Lime	1585	2139
Anhydrite	2139	2170
Shale	2170	4345
Shale/Lime	4345	4581
Lime	4581	4700
RTD	4700	

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#	303' w/175 sks	175 sks	60%	posmix .3% cc
	2% gel, plug down	10:45 pm		drilled out from under surface			
	Pipe came loose	Fell down hole		2' recemented w/175 sks			
Production	7 7/8"	5 1/2" 14#	set @ 2156'	cem w/235 sks	light cement		

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

1 shot per' @ 1660		
1 shot per' @ 1760		

TUBING RECORD  
 Size 2 3/8" Set At 1660 Packer at 1660  
 Liner Run  Yes  No

Date of First Production Producing Method  
 Flowing  Pumping  Gas Lift  Other (explain) SWD

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity
	SWD well	SWD well	SWD Well		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) .....  
 Dually Completed  Commingled  Single

1660  
 1760

