

15-051-24360-00-00

S 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

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

11-20-85 11-30-85 11-30-85  
Spud Date Date Reached TD Completion Date

3859 NA  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 6 jts. @ 250' feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set NA feet

If alternate 2 completion, cement circulated from NA feet depth to NA w/ SX cmt

API NO. 15-051-24,360

County Ellis

NE NE NW 28-11S-20W  
Sec Twp Rge 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)

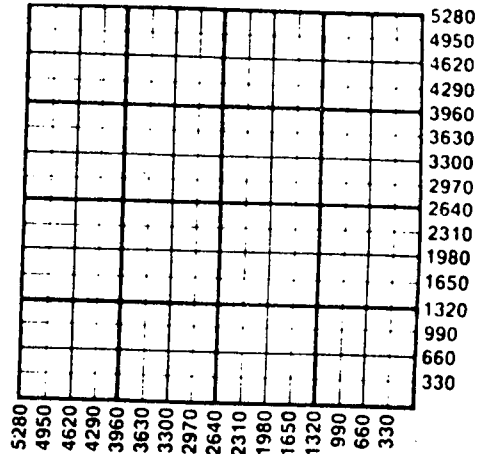
Lease Name Keller Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2154 KB 2159

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

River water, No permit #

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner SW/4 Sec 13 Twp 11 Rge 20 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.

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.

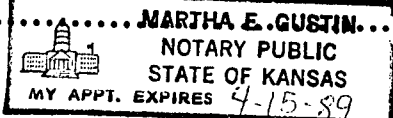
Signature F.W. Shelton, Jr., Vice President

Title F.W. Shelton, Jr., Vice President Date 12-2-85

Subscribed and sworn to before me this 2nd day of Dec 1985

Notary Public Martha E. Gustin

Date Commission Expires



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

Form ACO-1 (7-84)

12-9-1985

Sec 28 Twp 11 Rge 20

Operator Name Chief Drilling Co., Inc. Lease Name KELLER Well # L

Sec. 28 Twp. 11S Rge. 20  East  West County Ellis

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

11-26-85 DST #1 3471-3530 (Lans A & 35) 30-45-60-60 Rec. 370' O & GCN 120' 60% M 10% W 28% O 2% G; 120' 55% N 15% W 25% O 5Z; 130' 40% N, 30%W, 20%O, 10%G; chlor. 30,000 ppm mud chlor. 27,000 ppm, IBHP: 801# FBHP: 730# IFF: 91-100 FFP: 137-156 Circulating @ 3570' DST #2 3530-3570 (Lans. 50&70z) 30-45-60-60 Rec. 80' MW, w/scum of O, 360' W, IFF: 64-91 FFP: 143-212 IBHP: 826# FBHP: 801#  
 11-27-85 DST #3 3602-3655 (Lans. 140-160 z) 30-30-30-30 Rec. 15' drilling M, IFF: 45-36 FFP: 32-32 IBHP: 45 FBHP: 42  
 11-28-85 DST #4 3652-3710 (Lans. 180-200-220z) 30-30-30-30 Rec. 10' drilling M, IFF: 54-45 FFP: 45-45 IBHP: 69 FB HP: 54 DST #5 3759-3795 (Arbuckle) 30-45-30-45 Rec. 30' Ospeckled M, IFF: 45-36 FFP: 36-27 IBHP: 409 FBHP: 193  
 11-29-85 DST #6 3794-3810 (Arbuckle) 30-45-30-45 Rec. 30' drilling M, w/few specks IFF: 32-14 FFP: 23-14 IBHP: 945 FBHP: 887  
 11-30-85 RTD 3859' D&A Plugged w/200 sks 60-40 posmix 6% gel, 1 bag flowseal, 1st plug 20 sks @ 3790' 2nd plug @ 1600' w/20 sks 3rd plug @ 850' w/100 sks., 1 bag of flowseal, 4th plug @ 260' w/40 sks., solid bridge @ 40' w/10 sks. 10 sks in RH, plugger Mike Larson, St. @ 2:00 pm comp. @ 5:00 pm Dist. # 6

FORMATION TOPS:		E-LOG TOPS:	
Anhydrite	1585 + 574	Anhydrite	1568 + 591
1624 + 535	Topeka	3212 - 1053	
Base Anhydr.	3210 - 1051	Heebner	3415 - 1256
Topeka	3440 - 1281	Toronto	3454 - 1295
Heebner	3480 - 1321	Lansing	3472 - 1313
LKC	3607 - 1448	Muncie Creek	3598 - 1439
Muncie Creek	3669 - 1510	BKC	3696 - 1537
Stark	3708 - 1549	Marmaton	3744 - 1585
BKC	3752 - 1593	Arbuckle	3781 - 1622
Marmaton	3790 - 1631	LTD	3857 - 1698
Arbuckle	3859 - 1700		
RTD			

WELL LOG

Sand/Clay	0	330
Clay/Shale	330	1585
Anhydr.	1585	1624
Shale	1624	3244
Shale/Lime	3244	3690
Lime	3690	3859 RTD

RELEASED  
 3-17-1987  
 MAR 17 1987

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#				
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	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	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

15-051-24360-00-00

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

DAILY DRILLING REPORT  
API: 15-051-24,360  
RIG #1

(316) 262-3791

KELLER #1 (#2371)  
NE NE NW 28-11S-20W  
Ellis County, Kansas

ELEVATION: 2154 GR  
2157 DF  
2159 KB

11-20-85 Moving in on location  
11-21-85 Finished moving in, spudded in @ 5:00  
pm, ran 6 jts. 247' new 20# 8 5/8"  
set @ 250', cem. w/150 sx., 60-40 pos  
mix, 3% cc 2% gel, plug down 12:00 pm  
11-22-85 Drilling out plug @ 7:00 am  
11-23-85 Drilling @ 2106'  
11-24-85 Drilling @ 2931'  
11-25-85 Drilling @ 3500'

### FORMATION TOPS:

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RTD	3859 -	1700

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Rec. 370' O & GCM 120' 60% M 10% W 28% O  
2% G; 120' 55% M 15% W 25% 5%G; 130' 40%  
M, 30%W, 20%O, 10%G: chlor. 30,000 ppm mud  
chlor. 27,000 ppm, IBHP: 801# FBHP: 730#  
IFP: 91-100 FFP: 137-156

### E-LOG TOPS:

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Toronto	3454 -	1295
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3rd plug @ 850' w/100 sks., 1 bag of flow-  
seal, 4th plug @ 260' w/40 sks., solid bridge  
@ 40' w/10 sks. 10 sks in RH, plugger Mike  
Larson, St @ 2:00 pm comp. @ 5:00 pm  
Dist. # 6

DEC 11 1985  
Geological Survey  
WICHITA, KANSAS

RELEASED  
3-17-1987  
MAR 17 1987

FROM CONFIDENTIAL

12-9-1985  
DEC 9 1985