

RELEASED

2nd Date: MAR 1 1987
STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
FROM CONFIDENTIAL
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

S SIDE ONE

28-11-20W 2130186
A-30-87 KCC

DESCRIPTION OF WELL AND LEASE

CONFIDENTIAL

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 PBD

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

50 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

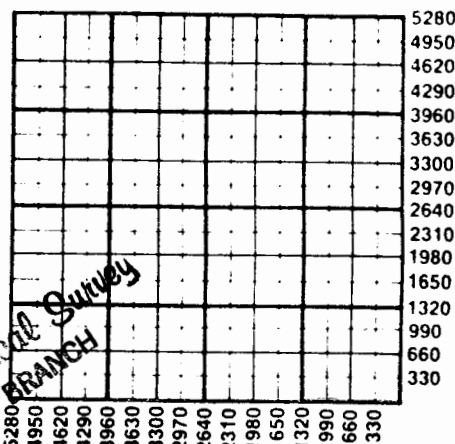
Lease Name Keller Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2154 KB 2159

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☐ Disposal
Docket # ☐ Repressuring

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.

WOS-11-85

SIDE TWO

91216

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

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

FORMATION TOPS:

E-LOG TOPS:

Anhydrite	1585 + 574	Anhydrite	1568 + 5
Base Anhydr.	1624 + 535	Topeka	3212 - 1050
Topeka	3210 - 1051	Heebner	3415 - 1256
Heebner	3440 - 1281	Toronto	3454 - 1295
LKC	3480 - 1321	Lansing	3472 - 1313
Muncie Creek	3607 - 1448	Muncie Creek	3598 - 1439
Stark	3669 - 1510	BKC	3696 - 1537
BKC	3708 - 1549	Marmaton	3744 - 1580
Marmaton	3752 - 1593	Arbuckle	3781 - 16
Arbuckle	3790 - 1631	LTD	3857 - 1690
RTD	3859 - 1700		

11-26-85 DST #1 3471-3530 (Lans A & 35) 30-45-60-60
 Rec. 370' O & GCM 120' 60% N 10% W 28% O
 2% G; 120' 55% N 15% W 25% O 5% G; 130' 40%
 N, 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
 Circulating @ 3570' DST #2 3530-3570
 (Lans. 50&70z) 30-45-60-60 Rec. 80'
 MW, w/scum of O, 360' W, IFP: 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, IFP:
 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, IFP:
 54-45 FFP: 45-45 IBHP: 69 FB HP: 54
 DST #5 3759-3795 (Arbuckle) 30-45-30-
 45 Rec. 30' Ospeckled M, IFP: 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
 IFP: 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 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

WELL LOG

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

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#				
.....							
.....							

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	Size	Set At	Packer at	Liner Run	☐ Yes ☐ No
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Date of First Production	Producing Method
	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

28-11-20W

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, KansasELEVATION: 2154 GR
2157 DF
2159 KB

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Marmaton	3744 - 1585
Arbuckle	3781 - 1622
LTD	3857 - 1698

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'

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DEC 11 1985
Geological Survey
WICHITA BRANCH

STATE OF KANSAS

DEC 9 1985

CHIEF DRILLING CO., INC.