

4/17/15
6-20-86
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

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

Purchaser.....NA.....

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

Contractor: License #5883.....
Name ..Warrior..Drilling..Co.,..#1.....

Wellsite Geologist.....Jim..Grihi.....
Phone...316-267-6248.....

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. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

.4-04-85.. ..4-13-85..4-13-85..
Spud Date Date Reached TD Completion Date

RTD..4710'....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at.....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-..15-..109-20..372.....

Logan.....
NE NW SW SE 12 11S 33W ☒ East ☒ West
..... Sec..... Twp..... Rge.....

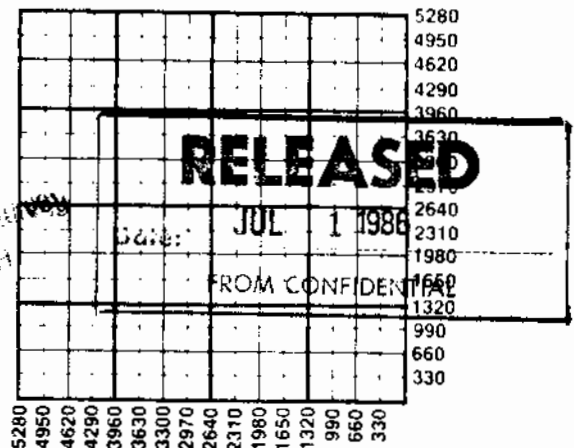
..2310... Ft North from Southeast Corner of Section
..1650... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Lease Name.....Kruse.....Well #.....1.....
Field Name.....

Producing Formation.....NA.....

Elevation: Ground.....3083 GR.....KB.3085 D.F.
Section Plat 3088 K.B.



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 #.....

Irrigation well Ralph Kruse

☒ Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
C/4 Sec 12 Twp 11 Rge 33 ☐ East ☐ West

☐ 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.

SIDE TWO

Operator Name Chief Drilling Co. Inc. Lease Name..... Kruse Well #..... 1

Sec..... 12 Twp..... 11 Rge..... 33 ☐ East ☒ West County..... Logan

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

DST #1 4566-4630
 30-30-30-30 wk. blow died in 11 min.
 Rec. 20' Mud, IBHP: 894 FBHP: 894
 IFP: 89-89 PFP: 89-89 Hydro. 2400-2354
 Drilling @ 4633' T.D. 4710' Ran E-log
 T.D. 4710' Plugged w/180 sx. 50-50 pos
 mix, 6% gel, 3% c.c., 2590' w/250 sx.
 1580' w/100 sx., 1 sx. celloflake, 345'
 w/40 sx., solid bridge @ 40' w/10 sx.
 10 sx. rat hole, started @ 11:00 p.m.
 finished @ 3:15 p.m. District #6 Hays
 State Plugger

Name	Top E-LOG TOS:	Bottom
FORMATION TOPS:		
Anhydrite 2598 + 490	Anhydrite 2589 + 499	
Base Anhydr. 2622 + 466	Base Anhydr. 2617 + 471	
Heebner 4025 - 937	Wabunsie 3664 - 576	
Toronto 4051 - 963	Topeka 3798 - 710	
Lansing 4063 - 975	Heebner 4022 - 934	
Muncie Creek 4206 - 1118	Toronto 4047 - 959	
Stark 4287 - 1199	LKC 4059 - 971	
Hush Puckney 4322 - 1234	Muncie Cr. 4203 - 1115	
BKC 4356 - 1268	Stark 4282 - 1194	
Marmaton 4386 - 1298	Hush Puckney 4316 - 1228	
Pawnee 4481 - 1393	BKC 4351 - 1263	
Fort Scott 4542 - 1454	Marmaton 4380 - 1292	
Cherokee Sh. 4571 - 1483	Pawnee 4478 - 1390	
Johnson 4613 - 1525	Fort Scott 4538 - 145'	
Mississippi 4682 - 1594	Cherokee 4568 - 148	
RTD 4710 - 1622	Johnson 4612 - 1524	
	Mississippi 4679 - 1591	
	LTD 4711 - 1623	

Well Log

Sand & Clay	0	453
Sand Shale	453	2598
Anhydrite	2598	2622
Shale	2622	3184
Shale Lime	3184	4426
Lime	4426	4710 RTD

CONFIDENTIAL

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#	302'	175sx.	60-40	pos mix 2% gel
.....							3% c.c.
.....							

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

Date of First Production Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....