

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

API NO. 15-051-23,977-00-00

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

County Ellis

DESCRIPTION OF WELL AND LEASE

SE/4 NE/4 SE/4 Sec 25 Twp 13S Rge 18 West

Operator: license # 5033
name Crowe Drilling Company, Inc.
address 1732 KSB Building
City/State/Zip Wichita, Ks, 67202

Location: Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Operator Contact Person L. C. Crowe
Phone 316-263-8244

Lease Name Gross Well# 1

Contractor: license # 5302
name Red Tiger Drilling Company

Field Name Younger, N.W.

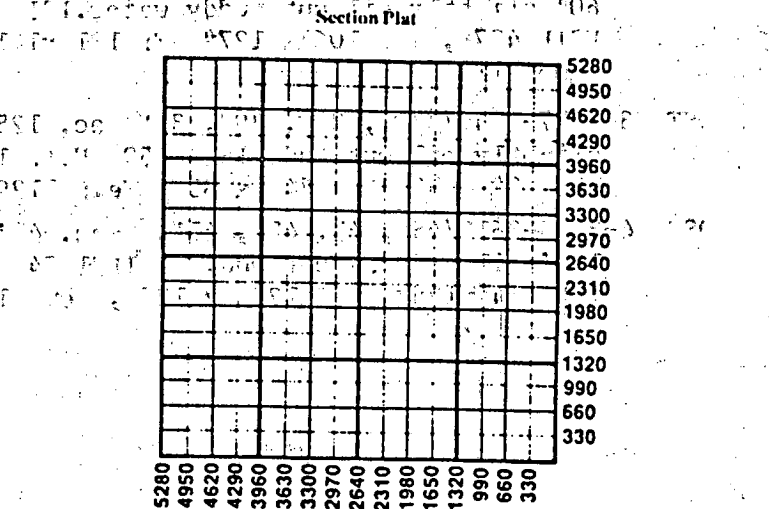
Wellsite Geologist Frank Brooks & Don Moore
Phone 267 0307 265 7541

Producing Formation Arbuckle

PURCHASER N/A
Designate Type of Completion
 New Well Re-Entry Workover

Elevation: Ground 2076 KB 2081

Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)



OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-7-84 8-14-84 9-4-84
Date Reached TD Completion Date
3,613'
Total Depth PBTD 252.98
Amount of Surface Pipe Set and Cemented at _____ feet

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) _____ Ft North From Southeast Corner and _____ Ft. West From Southeast Corner of Sec _____ Twp _____ Rge East West
 Surface Water (Stream/Pond/etc.) 550 2200 Ft North From Southeast Corner and _____ Ft West From Southeast Corner Sec 14 Twp 13 Rge 18 East West
 Other (explain) Peter C. Unrein, Box 273, Hays, Ks. (purchased from city, R.W.D.#)

Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set _____ feet
Alternate 2 completion, cement circulated _____ feet depth to _____ w/ _____ SX/cmt

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. Rules 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.

A 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-4 form with temporarily abandoned wells.

I certify that the 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: *[Signature]*
Title: President Date: 8-31-84
Subscribed and sworn to before me this 31st day of August 19 84
Notary Public: Emza Dominick
Commission Expires: 6-21-86

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

EMZA DOMINICK
NOTARY PUBLIC
Sedgwick County, Kansas

RECEIVED
STATE CORPORATION COMMISSION
SEP 4 1984
9-4-84
Wichita, Kansas

See 85 Twp. 13. Rge. 18. W. 14

Operator Name Crowe Drilling Co., Inc. Lease Name Gross Well# 1 SEC 25 TWP. 13S RGE. 18 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

DST #1-3364-3400/60", 60", 60", 60" Rec 90' GIP 270'
 oil cut wtry mud. ISIP 448# FSIP 448" IFP 27#x
 170" FFP 213#x 213# Temp 110°

Name	Top	Bottom
Anhydrite	1322	
Topeka	3055	
Heebner	3316	
Lansing	3361	
Base Kansas City	3591	
Arbuckle	3608	

DST #2-3420-70/30", 30", 30", 30". Rec. 90' GIP
 150' Oil & wtr cut mud, 180' oil & wtr cut mud
 60' slightly oil cut muddy water. ISIP 437#
 FSIP 437#, IFP 106#x 127# FFP 181#x181#
 Temp 111°

DST# 3-3477-3540/ 30", 30", 30", 30" Rec. 125'
 slightly oil cut mud. ISIP 159# FSIP 159E
 IFP 53# x 53# FFP 74# x 85# Temp 112°

DST #4-3585-3613/45", 45", 45", 45". Rec. 45' G
 185' oil and gas cut mud. ISIP 1054# FSIP 1031#
 IFP 114#x125# FFP 125# x 125#, Temp 110°

CASING RECORD <input checked="" type="checkbox"/> new & <input checked="" 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 (new)	12 1/4"	8 5/8"	20#	260.32	common	150	3% gel/3% cc
production (used)	7 7/8"	4 1/2"	9.5#	3610	common	100	

shots per foot	PERFORATION RECORD specify footage of each interval perforated	Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)	
		Depth	

TUBING RECORD			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
size	set at	packer at		
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gravity
	Bbls	MCF	Bbls	CFPB

Disposition of gas: vented sold used on lease
 METHOD OF COMPLETION: open hole perforation other (specify) _____
 Dually Completed. Commingled