

15-009-23895-0000

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 # 7323
name Paul Hazen
address 404 E 6th
City/State/Zip Ellinwood, KS 67526

Operator Contact Person Paul Hazen
Phone 316-564-2993

Contractor: license # 6039
name L.D. Drilling, Inc.

Wellsite Geologist Bruce Reed
Phone 316-262-3193

PURCHASER: N C R A

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
3-12-85 3-18-85 3-22-85
Spud Date Date Reached TD Completion Date

3268'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 340 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set feet

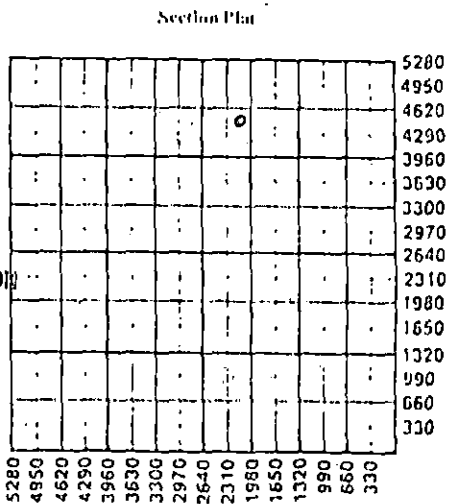
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt

API NO. 15-009-23,895-0000
County Barton
55' S 20' E C
W/2 NW NE Sec 18 Twp 16 Rge 11
4565 Ft North from Southeast Corner of Secth
2290 Ft West from Southeast Corner of Secth
(Note: locate well in section plat below)

Lease Name SCHARTZ A Well# 3
Field Name Kraft-Prusa
Producing Formation Arbuckle
Elevation: Ground 1829' KB 1835'

5-14-85

RECEIVED
MAY 14 1985
STATE CORPORATION COMMISSION
Wichita, Kansas



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and Ft West From Southeast Corner
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain)
(purchased from city, R.W.D.#)

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.

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 Paul Hazen
Title OPERATOR Date 5-11-85

Subscribed and sworn to before me this 11th day of May 1985

Notary Public Jenny Kasselman
Notary Public STATE OF KANSAS
MY APPT. EXPIRES 7-16-86

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)

SIDE TWO

Operator Name Paul Hazen Lease Name SCHARTZ A Well# 3 SEC. 18 TWP. 16 RGE. 11 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test 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

Dirt & Post Rock 0 103
 Shale 103 165
 Red Bed 165 692
 Anhy 692 714
 Shale 714 1337
 Lime & Shale 1337 3268

Name	Top	Bottom
Anhy	692	714
Topeka	2583	
Heebner	2871	
Toronto	2889	
Douglas		
Brown Lime	2966	
Lans K/C	2984	
Arbuckle	3263	

DST #1 3008 - 3020
 TIMES: 30-30-30-30
 BLOW: strong thru out
 REC: 45' GCM
 IFP: 46-23 FFP: 46-23 ISIP: 250 FSIP: 239

DST #2 3240 - 3268
 TIMES: 30-30-30-30
 BLOW: strong thru out
 REC: 400' gas, 1080' GCO, 120' G&MO
 IFP: 115-261 FFP: 316-426 ISIP: 1000 FSIP: 1000

CASING RECORD <input 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 3/4"	8-5/8"		340'	50/50 POZ	175	2% Gel 3% CC
Production	7-7/8"	5 1/2"		3265'	50/50 PCZ	150	18% SS 20 bbl salt flush 3/4 CFR2
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 size <u>2 7/8</u> set at <u>3260</u> packer at <u>None</u> Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
Date of First Production <u>3-23-85</u>	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 <u>30</u> Bbls	Gas <u>None</u> MCF	Water Bbls	Gas-Oil Ratio	Gravity CFPB		

Disposition of gas: vented open hole perforation sold used on lease other (specify) _____

METHOD OF COMPLETION Dually Completed Conningled

PRODUCTION INTERVAL