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STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
RECOMPLETION FORM
ACO-2 AMENDMENT TO WELL HISTORY

Operator: License # 30366 (KCC License)

C. A. Crouch dba Kansas Energy Resources Co. 5,110

Name: _____

Address: 4640 South Akron StreetCity/State/Zip: Greenwood Village, Co. J
Phone (303) 770-0020Purchaser: Not selected as yetOperator Contact Person: W. J. Pearson
Phone: (303) 986-4642

Designate Type of Original Completion

☒ New Well ☐ Re-Entry ☐ WorkoverDate of Original Completion 8-83Name of Original Operator Hon Oil & GasOriginal Well Name Rantoul-Engstrom

Date of Recompletion:

12-7-902-15-91

Commenced

Completed

Re-entry ☐Workover ☒

Designate Type of Recompletion/Workover:

☒ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☒ Other (Core, Water Supply, etc.)
Re-Frac

☐ Deepening ☐ Re-perforation
☐ Plug Back 1202 ☐ PBDT
☐ Conversion to Injection/Disposal

Is recompleted production:

N/A☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (Disposal or Injection?) ☐ Docket No. _____

Docket No. _____

API NO. 15- 073-22,896-0001County GreenwoodNW/4 SW/4 SW/4 Sec. 10 Twp. 27S Rge. 13 ☒ East
West680

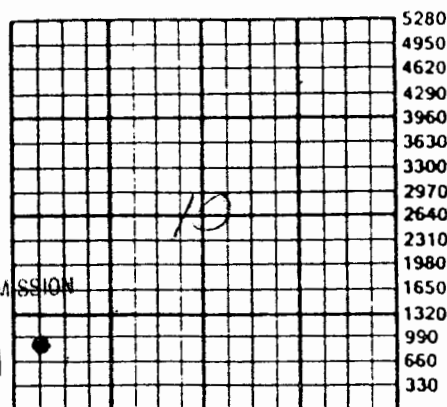
Ft. North from Southeast Corner of Section

Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name Engstrom Well # 3Field Name ShinkleProducing Formation Squirrel SandstoneElevation: Ground 1052'

KB _____

RECEIVED
STATE CORPORATION COMMISSION

JUN 05 1991

CONSERVATION DIVISION
Wichita Kansas

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)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the recompletion of any well. Rules 82-3-107 and 82-3-141 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 any additional wireline logs and driller's time logs (not previously submitted) shall be attached with this form. Submit ACO-4 or ACO-5 prior to or with this form for approval of commingling or dual completions. Submit CP-1 with all plugged wells. Submit CP-111 with all temporarily abandoned wells. NOTE: Conversion of wells to either disposal or injection must receive approval before use; submit form U-1.

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 W. J. Pearson Title Manager of Operations Date 6/3/91Subscribed and sworn to before me this 3 day of June 19 91Notary Public [Signature] Date Commission Expires 8-4-91

SIDE TWO

Operator Name Kansas Energy Resources Co. Lease Name Engstrom Well # 3Sec. 10 Twp. 27S Rge. 13 ☒ East
☐ WestCounty Greenwood

RECOMPLETION FORMATION DESCRIPTION

Re-Frac

☒ Log ☐ Sample

Name	Top	Bottom
Squirrel Sandstone	1242'	1270'

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: N/A ____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

Shots Per Foot Original 3 per foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
	Original Perfs 1246-1256'	Work-over Re-Frac Acid 2,224 gals-15% Frac 3,879 gals-Gel Water Sd 3,600 # (12-20)

PBTD 1282' Plug Type Unknown

TUBING RECORD

Size 2 3/8" Set At 1226.5' Packer At N/A Was Liner Run Y No NDate of Resumed Production, Disposal or Injection Shut DownEstimated Production Per 24 Hours Oil Trace Bbls. Water est. 50 Bbls. N/A Gas-Oil-Ratio
Gas TSTM Mcf

Disposition of Gas:

☐ Vented ☐ Sold ☒ TSTM Used on Lease (If Vented, submit ACO-18.)