

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey

WICHITA BRANCH

S. 16 T. 14 R. 22E W

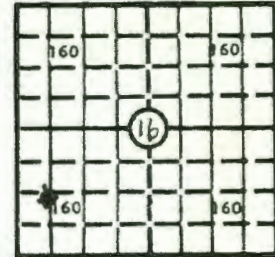
API No. 15 — 091 — 20,346
County Number

Loc. 1745 fs 1, 330' fwl

County Johnson

640 Acres N

SW NWS



Elev.: Gr.

DF KB

Operator: T. I. Energy, Inc.
Address: 401 S. Main Street, Suite 3A, Ottawa, Ks. 66067
Well No. 5 Lease Name: Kramer "A"
Footage Location: 1745 feet from (N) (S) line, 330 feet from (E) (W) line
Principal Contractor: Meadowlark Drilling, Inc. Geologist: Tom W. Stander - Orion
Spud Date: July 7, 1981 Date Completed: July 9, 1981 Total Depth: 950 P.B.T.D.
Directional Deviation: n/a Oil and/or Gas Purchaser:

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Table with 8 columns: Purpose of string, Size hole drilled, Size casing set (in O.D.), Weight lbs/ft, Setting depth, Type cement, Sacks, Type and percent additives. Rows include Surface and Producing.

LINER RECORD

PERFORATION RECORD

Tables for Liner Record (Top, Bottom, Sacks cement) and Perforation Record (Shots per ft, Size & type, Depth interval). Includes a 'RELEASED' stamp and 'Date: JUN 30 1983'.

TUBING RECORD

Table with 3 columns: Size, Setting depth, Pecker set at.

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

FROM CONFIDENTIAL

Table with 2 columns: Amount and kind of material used, Depth interval treated.

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INITIAL PRODUCTION

Date of first production, Producing method, RATE OF PRODUCTION PER 24 HOURS (Oil, Gas, Water, Gas-oil ratio), Disposition of gas, Producing interval (s).

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Driller's Log shall be trans-

Operator T. I. Energy, Inc. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. 5 Lease Name Kramer "A" Oil

S 16 T 14 R 22 E W 1745 FSTL, 330'FWL

**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Casing	0	23.6		
Shale	23.6	64		
Lime	64	80		
Shale	80	86		
Lime	86	101		
Shale	101	109		
Lime	109	117		
Shale	117	126		
Lime	126	141		
Shale	141	165		
Lime	165	174		
Shale	174	180		
Lime	180	192		
Shale	192	193		
Lime	193	232		
Shale	232	262		
Lime	262	270		
Shale	270	288		
Lime	288	295		
Shale	295	300		
Lime	300	309		
Shale	309	311		
Lime	311	316		
Shale	316	341		
Lime	341	344		
Shale	344	352		
Lime	352	372		
Lime	372	410		
Shale	410	414		
Lime	414	420		
Shale	420	423		
Lime	423	430		
Shale	430	435		
Lime	435	437		
Shale	437	600		
Lime	600	612		
Shale	612	616		
Lime	616	623		
Shale	623	628		
Lime	628	629		

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

D'Arcy C. Foster  
Signature  
Vice President  
Title  
12-01-81  
Date

30764

16-14-22e  
Pl

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Kramer #5 "A"

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Shale	629	640
Lime	640	655
Shale	655	659
Lime	659	662
Shale	662	668
Lime	668	680
Shale	680	710
Lime	710	723
Shale	723	776
Lime	776	777
Shale	777	780
Lime	780	787
Shale	787	801
Lime	801	804
Shale	804	844
shale	844	883.2
Green and gray shale	883.2	892.3
Shale with sandstone water, fine grain to medium, top of Bartlesville	892.3	
Soft shaley sand? no oil, clayey	894	896
Gray sandy shale, no oil	896	898
Water sand, medium grained, little gas	898	899.5
Good oil sand, medium grained, oil -- bleeding good to very good, with gas	899.5	901.0
Water sand, no oil	901.0	902.0
Laminated sand with shale, bleeding oil	902	903
Good oil sandstone, gas, bleeding medium grained, best zone	903	905
Laminated shaly sandstone, with good oil bleed, gas, also very soft sand zone	905	907
Laminated shaly sandstone, water zone, no oil	907	908
Set pipe	940	950 T.D.

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