

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

Renewed 5/28/82
State Geological Survey
WICHITA, BRANCH

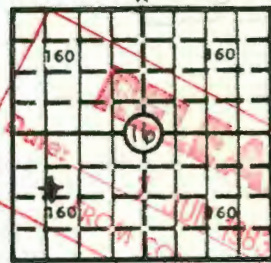
SW NW ~~Sec~~ ^{KCC} ^{Ind}

S. 16 T. 14S R. 22E E W

Loc. 1415' FSL, 495' FWL

County Johnson

640 Acres
N



Elev.: Gr. _____

DF _____ KB _____

API No. 15 — 091 — 20, 286
County Number

Operator T. I. Energy, Inc

Address 401 S. Main St., Suite 3A, Ottawa Ks. 66067

Well No. 2 Lease Name Kramer "A"

Footage Location 1415 feet from (N) (S) line 495 feet from (E) (W) line

Principal Contractor Meadowlark Drilling, Inc. Geologist Tom Stander - Orion

Spud Date June 3, 1981 Date Completed June 4, 1981 Total Depth 813 P.B.T.D.

Directional Deviation n/a Oil and/or Gas Purchaser n/a

CASING RECORD

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	7 7/8	6 1/2					
Producing	5 1/8	2 7/8		793			

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil 1 bbls. Gas MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)	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 Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Operator
T. I. Energy, Inc.

Well No. 2 Lease Name Kramer "A"

Oil

S 16 T 14S R 22E W 1415' FSL, 495' 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
Soil	0	20		
Limestone	21	22		
Shale	22	74		
Limestone	74	89		
Shale	89	96		
Limestone	96	111		
Shale	111	119		
Limestone	119	126		
Shale	126	136		
Limestone	136	140		
Shale	140	144		
Limestone	144	147		
Shale	147	165		
Sand	165	167		
Shale	167	168		
B. Limestone	168	187		
Shale	187	188		
Limestone	188	241		
Shale	241	242		
Limestone	242	243		
Shale	243	271		
Limestone	271	279		
Shale	279	294		
Limestone	294	295		
Shale	295	298		
Limestone	298	304		
Shale	304	310		
Limestone	310	324		
Shale	324	363		
Limestone	363	430		
Shale	430	434		
Limestone	434	438		
Shale	438	439		
Limestone	439	442		
Shale	442	610		
Limestone	610	613		
Shale	613	614		
Limestone	614	618		
Shale	618	765		
Limestone	765	766		

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

Date Received	<p><i>D'Arcy C. Foster</i> D'Arcy C. Foster Vice President</p>
	<p>Signature</p>
	<p>Title</p>
	<p>12-01-81</p>
	<p>Date</p>

21

16-14-22

Shale	766	776
Limestone 776	778	
Shale	778	782
Limestone	782	784
Shale	784	792
Limestone	792	794
Shale	794	802
Limestone	802	815
Shale	815	824
Limestone	824	827
Shale	827	839
Limestone	839	855
Shale	855	878
Limestone	878	880
Shale	880	882
Limestone	882	891
Shale	891	893
Limestone	893	895
Shale	895	899
Fine grain soft sandstone, very good oil bleed	898.5	899
Soft fine grained sandstone, some bleeding, 1/32 - 1/4 in. inter- bedding sand & lime, rich black oil, poor producing zone	899.0	899.5
Gray limey shale	899.5	903
Soft broken shale	903	908
Limestone, hard	908	909
Gray shale to black shale	909	913

T.D.