

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey, KCC

WICHITA BRANCH

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

API No. 15 - 091 County

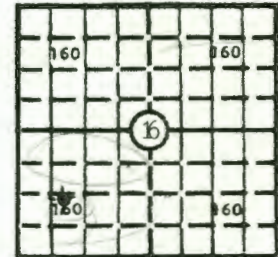
20347 Number

S2 N2 SW - KCC

Loc. 990'FWL, 1085'FSL

County Johnson

640 Acres N



Locate well correctly

Elev.: Gr.

DF KB

Operator T. I. Energy, Inc.

Address 401 S. Main Street, Suite 3A, Ottawa, Kansas 66067

Well No. 6 Lease Name Kramer "A"

Footage Location 1085 feet from (N) (S) line 990 feet from (E) (W) line

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

Spud Date July 14, 1981 Date Completed July 15, 1981 Total Depth 948 P.B.T.D.

Directional Deviation n/a Oil and/or Gas Purchaser

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		928			

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Pecker set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

FROM CONFIDENTIAL

Amount and kind of material used	Depth interval treated

State Geological Survey WICHITA, BRANCH

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.

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

Well No. 6 Lease Name Kramer "A" Oil

S 16 T 14S R 22E W 990' FWL, 1085' FSL

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
No sample saved on hole	0	88		
Shale	88	125		
Lime	125	134		
Shale	134	142		
Lime	142	156		
Shale	156	178		
Lime	178	181		
Shale	181	186		
Lime	186	190		
Shale	190	196		
Lime	196	249		
Shale	249	277		
Lime	277	286		
Shale	286	303		
Lime	303	310		
Shale	310	315		
Lime	315	329		
Shale	329	345		
Lime	345	346		
Shale	346	357		
Lime	357	358		
Shale	358	368		
Lime	368	377		
Shale	377	381		
Lime	381	396		
Shale	396	405		
Lime	405	441		
Shale	441	516		
Lime	516	517		
Shale	517	624		
Lime	624	640		
Shale	640	645		
Lime	645	647		
Shale	647	652		
Lime	652	661		
Shale	661	666		
Lime	666	681		
Shale	681	693		
Lime	693	700		
Shale	700	702		

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

Date Received _____

 D'Arcy C. Foster Signature
 Vice President Title

 12-01-81 Date

530765

Lime	702	710
Shale	710	715
Lime	715	720
Shale	720	760
Lime	760	765
Shale	765	771
Lime	771	772
Shale	772	783
Lime	783	788
Shale	788	815
Lime	815	817
Shale	817	826
Lime	826	827
Shale	827	881
Lime	881	884
Shale	884	900
Shale with some fine siltstone	900	
Shale with siltstone, sandstone, T. Bartlesville	900	903
Gray shale	903	907.3
Medium-grained oil sandstone, good oil bleed, some gas	907.3	907.9
Gray water sand, little oil, laminated, medium sand	907.9	909.3
Medium-grained oil sandstone, fair to good bleeding with some gas	909.3	913.5
Very soft sandstone, oil, broken chunks, gas	913.5	914.5
Laminated oil sandstone, medium- grained	914.5	915.4
Gray shale, gradation contact on top (medium sand to sandy shale to shale)	915.4	919.2 948 T. D.