

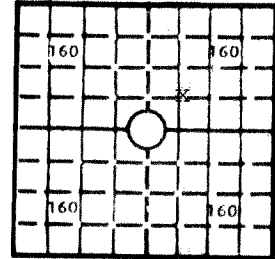
KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 023 — 20151
County NumberOperator
J-W Operating CompanyAddress
Box 305 Wray, ColoradoWell No. 6 Lease Name
A ZwegardtFootage Location
2080 feet from (N) line 1980 feet from (E) linePrincipal Contractor
Excell Geologist
J. J. Jefferys

Spud Date 9-4-1980 Date Completed 1-22-81 Total Depth 1596' P.B.T.D. 1485'

Directional Deviation
none Oil and/or Gas Purchaser
Cities Service Gas CompanyState Geological Survey
WICHITA BRANCH

County Cheyenne

640 Acres
N

Locate well correctly

Elev.: Gr. 3617

DF 3622 KB 3623

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	9 7/8	7"	14	255.80	Neat	150	none
Production	6 1/4	4 1/2"	9.5#	1559'	50/50 Poz	70	2% gel 10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			2	3 1/8" jet	1464-1478

TUBING RECORD

Size	Setting depth	Pecker set at
none		

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
92,375# sand with 37,800 gallons 20# gelled KCL water with 800 SCF/BBL CO2	1464-1478

INITIAL PRODUCTION

Date of first production 12-3-80		Producing method (flowing, pumping, gas lift, etc.) flowing			
RATE OF PRODUCTION PER 24 HOURS		Oil 0 bbls.	Gas 198 MCF	Water 0 bbls.	Gas-oil ratio -- CFPB
Disposition of gas (vented, used on lease or sold) Vented			Producing interval(s) 1464-1478		

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 J-W Operating Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. 6	Lease Name A Zwegardt	Gas	
S 8 T 3S R 41 W			
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
Smokey Hills Chalk	1442	1483	Top Shale Top Bentonite
			256' 1398'
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Petroleum Engineer 1-22-1981 Date		