

KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

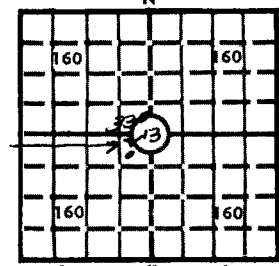
12-147-20038

S. 13 T. 10 R. 8 E W

Loc. NE NE SW

County Pottawatomie

640 Acres



2310

Locate well correctly

Elev.: Gr. 996

DF 999 KB 1001

API No. 15 — 149 — 20,038
County Number

Operator
Energy Reserves Group, Inc.

Address
1022 Hoover Great Bend, Kansas 67530

Well No. #1 Lease Name C. K. Processing Co., Inc.

Footage Location
330' feet from (N) line 2310' feet from (W) line

Principal Contractor Geologist
Brandt Drilling Co. William Clark

Spud Date Total Depth P.B.T.D.
4-9-77 1943'

Date Completed Oil Purchaser
P&A 4-20-77

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 Csg.	11 1/4"	8-5/8"	20#	105'	50-50 poz.	75	2% Gel, 2% CaCl

LINER RECORD

PERFORATION RECORD

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

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 P&A		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil 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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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 Brandt Drilling Co. DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: P&A

Well No. 1 Lease Name C. K. Processing Co., Inc.

S 13 T 10 R 8 E Pottawatomie County, Ks.

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
L/KC	810	(+191)		
Hunton Chert	1247	(-246)		
Hunton Dolomite	1479	(-278)		
Maquoketa	1648	(-647)		
Viola	1722	(-721)		
Decorah	1810	(-809)		
Simpson Shale	1844	(-843)		
Simpson Sand	1862	(-861)		
Granite Wash	1907	(-906)		
Pre-Cambrian	1940	(-939)		
<p>DST #1 1826-1912' 30-60-60-120 Rec. 1582' of muddy salt water. IFP 4, ISI 458, FFP 792, FSIP 814, IHH 956, FHH 916.</p> <p>P&A 300' 20 sxs, 50' 12 sxs, rat hole 3 sxs. MW 9.4, Vis. 44 W.L. 9.6, CHL 11,000</p>				

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

<p>Date Received 4-22-77</p>	<p><i>William L. Jackson</i> William L. Jackson <small>Signature</small> Geologist Title 4-22-77 Date</p>
----------------------------------	--