

State Geological Survey

WICHITA BRANCH

KANSAS DRILLERS LOG

15-195-20148

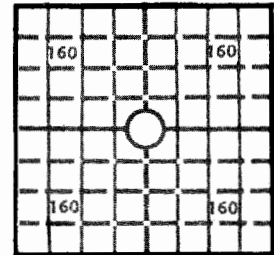
API No. 15 — Trego — 195-20,417
 County Number

S. 31 T. 11S. 22 W

Loc. C S/2 SE SE

County Trego

640 Acres
N



Locate well, correctly

Elev.: Gr.

2428

DF KB 2433

Operator
A. Scott Ritchie

Address
Suite 950 - 125 N. Market, Wichita, Kansas 67202

Well No. 1 Lease Name Spena "B"

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

Principal Contractor Geologist
Murfin Drilling Co. Terry McLeod

Spud Date Total Depth P.B.T.D.
July 3, 1977 4165'

Date Completed Oil Purchaser
August 5, 1977 Clear Creek, Inc.

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	12 1/4"	8 5/8	24#	152'	Quickset	110	
casing		4 1/2"		3920'	60-40pozmix	150	10% salt + 10 bbls. brine pre-flush

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	D.P.	3733' - 3737'
TUBING RECORD			2	D.P.	3722' - 3725'
Size	Setting depth	Packer set at	2	D.P.	3679' - 3686'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1200 gals 28% demulsified acid, overflush w/1200 gals. wtr.	3679' - 3686'
1500 gals 28% demulsified acid, overflush w/1500 gals. wtr.	3722' - 3737'

INITIAL PRODUCTION

Date of first production September 1, 1977 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	70 bbls.	MCF	3% bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) Lans/Kc 3679'-3737' overall

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 A. Scott Ritchie		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: oil
Well No. 1	Lease Name Spena "B"	
S31 T 11S R 22 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
<p>DST #1 3646' - 3690' Wk blo increasing to fair Rec. 5' oily mud (40% oil, 35% mud, 5% wtr); 62' muddy oil (60% oil, 35% mud, 5% wtr); 124' mud cut oil (75% oil, 15% mud, 10% wtr), 191' total fluid. IFP 45-68#/45"; FFP 80-103#/45"; ISIP 1045#/45"; FSIP 1022#/45".</p> <p>DST #2 3704' - 3742' Strong blo. Rec. 5' oil cut mud (30% oil); 62' mud cut oil (55% oil, 40% mud, 5% wtr); 155' mud cut oil (70% oil, 23% mud, 7% wtr); 155' gassy oil. 377' total fluid. IFP 45-103#/30"; FFP 114-160#/30"; ISIP 774#/30"; FSIP 740#/30".</p> <p>DST #3 3741' - 3774' Strong blo. Rec. 774' slightly oil cut salt water. IFP 91-252#/30"; FFP 263-389#/30"; ISIP 740#/45"; FSIP 729#/45".</p> <p>DST #4 3805' - 3872' Wk blo, died in 2". Rec. 10' mud. IFP 45-45#/30"; FFP 57-57#/30"; ISIP 91#/40"; FSIP 80#/30".</p> <p>DST #5 3873' - 3925' Wk blo, died in 3". Rec. 10' mud. IFP 45-45#/30"; FFP 45-45#/30"; ISIP 57#/30"; FSIP 45#/30".</p>				
			ELECTRIC LOG TOPS	
			Anh	1864' (+ 569)
			B/Anh	1910' (+ 523)
			Top	3425' (- 992)
			Heeb	3641' (-1208)
			Tor	3663' (-1230)
			Lans	3678' (-1245)
			B/KC	3921' (-1488)
			Marm	4010' (-1577)
			Arb	4148' (-1715)
			TD	4165' (-1732)

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

Date Received	<div style="font-family: cursive; font-size: 1.2em; margin-bottom: 5px;">F. Judson Hipps</div> <hr/> <div style="text-align: right; font-size: 0.8em; margin-bottom: 5px;">Signature</div> <div style="text-align: center; margin-bottom: 5px;">F. Judson Hipps for A. Scott Ritchie</div> <hr/> <div style="text-align: center; font-size: 0.8em; margin-bottom: 5px;">Title</div> <div style="text-align: center; margin-bottom: 5px;">September 7, 1977</div> <hr/> <div style="text-align: center; font-size: 0.8em;">Date</div>
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