

WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey

S. 28 T. 15S R. 12W E W

API No. 15 — 167 — 21,709 WICHITA BRANCH
County Number

Loc. C W/2 NE/4 NE/4

County Russell

Operator

Theodore Gore

Address

125 North Market, Suite 1750, Wichita, Kansas 67202

Well No.

7

Lease Name

Luerman

Footage Location

660 feet from (N) ~~SW~~ line 990 feet from (E) ~~SW~~ line

Principal Contractor

Red Tiger Drilling Company

Geologist

Vic Reiserer

Spud Date

6/22/81

Date Completed

7/5/81

Total Depth

3,275'

P.B.T.D.

3252.60'

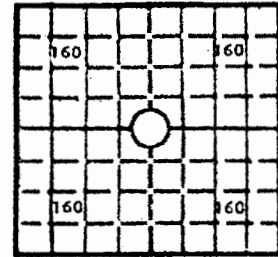
Directional Deviation

No

Oil and/or Gas Purchaser

Koch Oil

640 Acres
N



Locate well correctly

Elev.: Gr.

DF KB 1,795'

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	Socks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	695'	HLC Common	150 sx 175 sx	3% C.C. 2% Gel, 3% C.C.
Production	7 7/8	5 1/2"	14#	3,274'	HOWCO Lite 60-40 Pozmix	450 sx 200 sx	1 sx 10# Gilsomite 2% Gel, 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSbs	3234-3238

Size	Setting depth	Packer set at
2 7/8	3248.78'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
No acid used on this well	

INITIAL PRODUCTION

Date of first production	8-23-81	Producing method (flowing, pumping, gas lift, etc.)	Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil 35 bbls.	Gas MCF	Water 25 bbls.
Disposition of gas (vented, used on lease or sold)	Vented	Producing interval (s)	3234-3238

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CONSERVATION DIVISION
Wichita, Kansas

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

Theodore Gore

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

Oil

Well No.

7

Lease Name

Luerman

S 28 T15S R 12W^E_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
Clay, Post Rock, Shale & Sand	0	335	Sample Log Tops:	
Shale & Red Bed	335	677		
Anhydrite	677	716	Anhydrite	677
Shale & Red Bed	716	1225	Bse Anhydrite	716
Red Bed	1225	1340		
Shale & Lime	1340	1922	Welex Electric Log Tops:	
Lime & Shale	1922	2170		
Shale & Lime	2170	2448	Heebner	2852
Lime & Shale	2448	2820	Toronto	2869
Lime	2820	2979	Lansing	2939
Coring	2979	2991	Base Kansas City	3215
Lime	2991	3015	Arbuckle	3229
Lime (Coring)	3015	3025	Log TD	3275
Lime	3025	3040		
Coring	3040	3062		
Lime	3062	3079		
Coring	3079	3102		
Lime	3102	3124		
Coring	3124	3144		
Lime	3144	3230		
Coring	3230	3243		
Lime	3243	3275		
RTD		3275		

See attached sheets for DST and Core Descriptions

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

Date Received

J. E. Rakaskas
J. E. Rakaskas
Operations Manager

Signature

Title

August 31, 1981

Date

Theodore Gore's Luerman #7 C W/2 NE/4 NE/4 Sec. 28-15S-12W, Russell Co., KS

DST #1 2796-2820

Good blow - BB 60-60-60-60

Rec. 1350' gas in pipe, 60' oil cut mud (60% oil) 60' slightly oil cut water 2% oil

IFP 31#, FFP 68#, ISIP 300#, FSIP 286

DST #2 2974-91

Strong blow 60-60-60-60. Gas to surface 60"

Rec. 100' thin muddy gassy, few oil spots, 60' muddy water

IFP 10#, FFP 31#, ISIP 421#, FSIP 400#

DST #3 3010-40

Good blow. Gas to surface 90" 60-60-60-60

Rec. 280' slightly oil & gas cut mud (5% oil), 120' slightly gas cut water

IFP 31#, FFP 103#, ISIP 185#, FSIP 185#.

DST #4 3036-62

Good blow 60-60-60-60

Rec. 480' thin mud, wtry. last 100'

IFP 197#, FFP 259#, ISIP 394#, FSIP 394#.

DST #5 3060-3102

Weak blow 60-60-60-60

Rec. 120' gas in pipe. 10' very slightly oil cut mud.

IFP 70#, FFP 80#, ISIP 101#, FSIP 91#

DST #6 3118-44

Weak blow 60-60-60-60

Rec. 120' gas in pipe, 60' oil cut mud - 30% oil, 60' slightly oil cut mud - 5% oil

IFP 40#, FFP 60#, ISIP 253#, FSIP 242#.

DST #7 3206-43

Good blow 60-60-60-60

Rec. 240' gas in pipe, 1116' gassy oil, 984' heavy oil cut mud (87% oil, 13% muddy water)
90' oil cut water, 3% oil

IFP 155#, FFP 831#, ISIP 1049#, FSIP 1049#. Gravity 39 degrees

DST #8 3243-53

Good blow 30-30-30-30

Rec. 120' gas in pipe, 1080' heavy oil cut muddy water (65% oil), 180' heavy oil cut muddy water (50% oil), 420' oil cut muddy water (25% oil), 540' wtr.

IFP 273#, FFP 836#, ISIP 1036#, FSIP 1046#.

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Gore #7 Luerman
Russell Co., Ks.

28-15-12w

CORE DESCRIPTION

Core #1 2979-2991 Full recovery

2979-80 SH. GRY.
2980-82 LS. GRY. SH. LAM.
2982-88 LS. FOSIL. OOL. & OOLIC. F. VUG. POROSITY FEW VUGS.
BU. O. MUCH BARREN POROSITY
2988-90 LS. DSE.
2990-91 LS. SHY.

Core #2 3015-3025 Full recovery

3015-20 SH. GRY.
3029-25 LS. F. X. DSE. TR. STN. G. GS. ODOR 3024-25

Core #3 3040-3062 Full recovery

3040-46 LS. FOSIL. & COL. F. VUG. POROSITY V. S. S. F. O.
30% SATR.
3046-60 LS. FOSIL. F. VUG. POROSITY
3060-62 LS. DSE. GRY. SH. LAM.

Core #5 3124-3144 Full recovery

3124-25 SH. GRY.
3125-35 LS. FOSIL. F. FR. & VUG. POROSITY BU. O. IN FEW SPOTS
SEVERAL BARREN VUGS.
3135-40 LS. GRY. DSE.
3140-44 LS. GRY. SH. LAM.

Core #4 3079-3102 Full recovery

3079-88 LS. THIN GRY. SH. LAM.
3088-90 LS. PT. FOSIL. SCAT. VUG. POROSITY BU. O. IN SPOTS
3090-92 LS. SHY.
3092-95 LS. FOSIL. F. VUG. POROSITY BU. O.
3095-3102 LS. GRY. SH. LAM.

Core #6 3230-3243 Full recovery

3230-32 DOL. LS. SHY. F. X. DSE.
3232-43 DOL. M.C. X/N GRN. SH. LAM. G. VUG. POROSITY BL. O.
IN SPOTS 75% SATR.

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