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KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey

WICHITA BRANCH

S. 13 T. 11S R. 32 W

Loc. NE SE NW

API No. 15 — 109 — 20,171
County Number

County Logan

Operator
George R. Jones

Address
125 No. Market, Suite 1310, Wichita, KS 67202

Well No. 3 Lease Name Pioneer

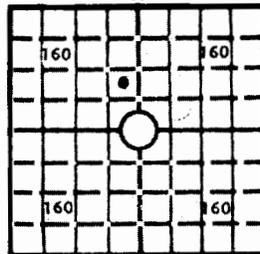
Footage Location
330 feet from (N) line 330 feet from (E) line

Principal Contractor Geologist
Rains & Williamson Oil Co., Inc. Robert W. Hammond

Spud Date Date Completed Total Depth P.B.T.D.
June 23, 1981 July 17, 1981 4510' 4474'

Directional Deviation Oil and/or Gas Purchaser
Clear Creek, Inc.

640 Acres
N



Locate well correctly

Elev.: Gr. 2995'

DF KB 3000'

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"	20#	281'	60/40 Posmix	200	3% c.c. 2% gel
production	7-7/8"	4-1/2"	10.5#	4505'	60/40 Posmix	250	2% gel 18% salt 3/4 x 1% CFR-2 500 gal. chemical flush with 1400 gal KCl water

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4463-4466
			2		4451-4454
TUBING RECORD			2		4239-4243
			2		4207-4209
Size 2-3/8"	Setting depth 4507	Packer set at none	2		4154-4157
			2		4139-4142

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1000 gal. 15% MCA w/15 ball sealers	4463-4466 4451-4454
1000 gal. 15% MCA w/15 ball sealers	4239-4243 4207-4209
2500 gal. req. 15% HCl	4154-4157 4139-4142

INITIAL PRODUCTION

Date of first production July 17, 1981		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil 111 bbls.	Gas -0- MCF	Water 68 bbls.	Gas-oil ratio -0-	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s) co-mingled, as listed above		

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 trans- mitted 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 George R. Jones DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No. 3 Lease Name Pioneer

S 13 T 11 R 32 X Ex 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
DST #1: 4020'-4070' 30" 45" 60" 60" Rec. 434' GIP 248' OCM ifp 31 - 62 ffp 77- 116 isip 412 fsip 397 hyd. 2006 - 1984 temp. 120°			LOG TOPS K.B.	3000'
			Anhydrite	2490 (+510)
			Heebner	3960 (-960)
			Toronto	3985 (-985)
			Lansing	3998 (-998)
			Stark Shale	4221 (-1221)
			Marmaton	4287 (-1287)
			Cherokee Sh.	4503 (-1503)
			LTD	4509 (-1509)
			DTD	4510 (-1510)
DST #2: 4136'-4230' 30" 45" 60" 60" strong blow off bottom of bucket in 5" rec. 380' clean gassy oil 1440' GIP 120' slightly muddy oil 120' gassy muddy oil (20% mud) 120' gassy muddy oil (30% mud) ifp 132 - 152 ffp 223 - 294 isip 1207 fsip 1167 hyd. 2139 - 2039 temp 122°				
DST #3: 4404'-4510' 30" 45" 60" 60" Rec. 700' GIP 130' clean oil 43°/70° 420' frothy oil isp 101 - 172 ffp 193 - 243 isip 768 fsip 748 hyd. 2268 - 2199 temp. 123°				

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

Date Received	<p><i>George R. Jones</i></p> <p>Signature Operator</p> <p>Title August 13, 1981</p> <p>Date</p>
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