

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOG

State Geological Survey
WICHITA BRANCH

AMENDED

S. 13 T. 11 R. 32 E
W
Loc. 1580' FNL & 660' FWL NE
County Logan

API No. 15 — 109 — 20,150
County Number

Operator
George R. Jones,

Address
1310 Vickers KSB&T Bldg. Wichita, Kansas 67202

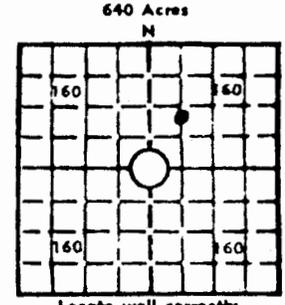
Well No. #1 Lease Name Pioneer

Footage Location
1580 feet from (N)XXXline 660 feet from (W) line

Principal Contractor Rains & Williamson Oil Co., Inc. Geologist Terry McLeod

Spud Date May 25, 1980 Date Completed June 25, 1980 Total Depth LTD 4652' P.B.T.D.

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



Elev.: Gr. 3006'
DF KB 3013'

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#	285'	50/50 Posmix	225	2% gel 3% C.C.
production	7-7/8"	4-1/2"	10.5#	4645'	60/40 Posmix	250	2% gel 18% salt 3/4x1% CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4476-4480
			2		4433-4436
			4		4226-4231
			4		4257-4263
			2		4050-4056
			2		4066-4071

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4566.75'	none

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
2000 gal. 15% NE acid w/19 ball sealers	4476-4480 4433-4436
2500 gal. 15% NE acid w/50 ball sealers	4226-4231 4257-4263
2500 gal. 15% NE acid w/28 ball sealers	4050-4056 4066-4071

INITIAL PRODUCTION

Date of first production June 26, 1980	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil 100.9 bbls. Gas MCF 20.03 bbls. Gas-oil ratio CFPB
Position of gas (vented, used on lease or sold)	Producing interval(s) 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 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.

George R. Jones

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC. 100879

Well No. 1 Lease Name Pioneer Oil Well

S 13 T 11 R 32 E XWX

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.

Sample logs;

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
#1 DST: 3923'-4015' (Topeka-Toronto zones) 30" 45" 30" 45" strong blow throughout; 2' very HOCM 152' oil specked muddy water; 1674' MW; 1828' total fluid; ifp 186-613 ffp 696-901 isip 1200 fsip 1147			Anhydrite Heebner Sh. Toronto Lm. Lansing Stark Sh. B/KC Marmaton Cherokee Sh.	2515 (+498) 3975 (-962) 4000 (-987) 4017 (-1004) 4236 (-1223) 4297 (-1284) 4305 (-1292) 4523 (-1510)
#2 DST: 4036'-4060' (30' zone in Lansing) 30" 45" 45" 45" strong blow thruout; rec. 868' gas in pipe; 598 clean gassy oil (40 ^o gravity) 124' very HOCM; 722' total fluid ifp 98-153 ffp 197 - 295 isip 1189 fsip 1211			Sand Miss. Dolomite RTD LTD	4583 (-1570) 4606 (-1590) 4634 (-1621) 4650 (-1637) 4652 (-1639)
#3 DST: 4078' - 4093' (70' zone in Lansing) 45" 45" 45" 45" weak to fair blow throughout; rec. 10' clean oil; 30' mud cut oil; (60% oil, 40% mud); 62' mud cut oil (55% oil, 45% mud) 102' total fluid; ifp 87 - 87 ffp 98 - 98 isip 1062 fsip 976			LOG TOPS: Anhydrite Heebner Sh. Toronto Lm. Lansing Stark Sh. B/KC Marmaton Cherokee Sh.	2514 (+495) 3976 (-963) 4002 (-989) 4017 (-1004) 4240 (-1227) 4305 (-1292) 4311 (-1298) 4525 (-1512)
#4 DST: 4138' - 4186' 45" 45" 45" 45" weak blow, increasing to fair blow; rec. 82' clean oil; 218' mud cut oil (55% oil, 45% mud) 300' total fluid; ifp 114 - 114 ffp 159 - 159 isip 1282 fsip 1214			Sand Miss. Dolomite	4584 (-1590) 4606 (-1593) 4634 (-1621)
#5 DST: 4202' - 4240' 45" 45" 45" 45" Rec. 15' clean oil; 62' MCO (60% oil); 77' total fluid ifp 66 - 66 ffp 87 - 87 isip 866 fsip 1168				
#6 DST: 4458' - 4525' (Lower Marmaton) 20" 45" 20" 45" strong blow throughout with GTS 10" into 2nd shut in; rec. 310' clean gassy oil (45 ^o grav.); 120' O&GCM (38% oil; 50% mud; 12% gas); ifp 101 - 124; ffp 171-186 isip 1141 fsip 1109				

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

#7 DST: 4529' - 4600' (Misc. Misc)
30" 45" 30" 45"
Weak blow; Rec. 10' oil specked mud;
ifp 70 - 70 ffp 70 - 70
isip 928 fsip 732

Signature of George R. Jones
Operator

Title

August 6, 1980

Date

K. G. S. LIBRARY

DILLER'S LOG

UN 1 5 1980

COMPANY: George R. Jones

SEC. 13 T. 11S R. 32W

WELL NAME: Pioneer #1

LOC. C SW NE

RIG NO. #1

COUNTY: Logan

TOTAL DEPTH 4650'

ELEVATION

COMMENCED: 5-25-80

COMPLETED: 6-6-80

CONTRACTOR: Rains & Williamson Oil Co., Inc.

CASING RECORD:

SURFACE: 8 5/8" @ 285' w/225 sx. 50/50 poz., 2% gel, 3% cc.

PRODUCTION: 4 1/2" @ 4650' w/250 sx. 60/40 poz., 2% gel, 18% salt.

LOG

(Figures Indicate Bottom of Formations)

Shale & Sand	4650
<u>ROTARY TOTAL DEPTH</u>	<u>4650</u>

STATE OF Kansas)

COUNTY OF Sedgwick)

SS: