

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5184
name Shields Oil Producers, Inc.
address Shields Bldg.
City/State/Zip Russell, Kansas 67665

Operator Contact Person M. L. Ratts
Phone 913-483-3141

Contractor: license # 5655
name Shields Drilling Company, Inc.

Wellsite Geologist Francis Whisler
Phone 913-483-3020

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☒ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

5-25-84 6-2-84 6-16-84
Date Date Reached TD Completion Date

3342 3140
Total Depth PBTD

Count of Surface Pipe Set and Cemented at 602 feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	20 Bbls	None MCF	80 Bbls	CFPB	31%

METHOD OF COMPLETION

Disposition of gas: ☐ vented ☐ open hole ☒ perforation

PRODUCTION INTERVAL

3098-3102

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with

API NO. 15-167-22,362

County Russell

NE SW NW Sec 34 Twp 13 Rge 15
(location)

3630 Ft North from Southeast Corner of Section

4290 Ft West from Southeast Corner of Section

(Note: locate well in section plat below)

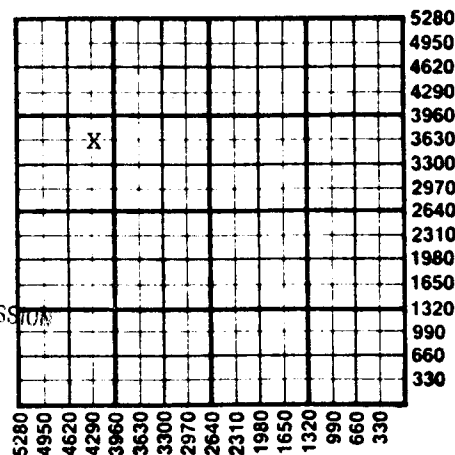
Lease Name Layher Well# 1

Field Name Gorham

Producing Formation Kansas City

Elevation: Ground 1905 KB 1910

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
JUL 31 1984
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit # Not Applicable

☐ Groundwater Ft North From Southeast Corner an (Well)
Ft. West From Southeast Corner of

Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner an (Stream, Pond etc.)
Ft West From Southeast Corner of

Sec Twp Rge ☐ East ☐ West

☐ Other (explain) Purchased from farm pond
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☒ Disposal
☐ Repressuring

Docket # C-19,725

SIDE TWO

Operator Name Shields Oil Producers, Inc. Lease Name Layher Well# 1 SEC 34 TWP. 13 RGE. 15 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem test giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken

☒ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

D.S.T. #1 3043-3105 Times: 15-45-45-45 Rec. 300' Gas, 360' O&GCM, 60' Mdy Wtr.

I.H.P. - 1718#
F.H.P. - 1701#
I.F.P. - 65# to 130#
I.S.I.P. - 835# Climbing
F.F.P. - 154# to 228#
F.S.I.P. - 787# Climbing

D.S.T. #2 3105-3129 Times: 15-45-45-45 Rec. 300' Mdy Wtr. I.H.P. - 1759#; I.F.P. - 40# to 73#; I.S.I.P. - 843# (Climbing); F.F.P. - 57# to 154#; F.S.I.P. - 787# (Climbing); F.H.P. - 1741#.

D.S.T. #3 3129-3163 Times: 15-45-45-45 Rec. 110' Mdy Wtr. I.H.P. - 1809#; I.F.P. - 48# to 57#; I.S.I.P. - 674#; F.F.P. 57# to 81#; F.S.I.P. - 658#(Static); F.H.P. - 1791#.

D.S.T. #4 3314-3335 Times 30-45 Rec. 30' Gas and 30' OCM. I.H.P. - 1958#; I.F.P. 24# to 32#; F.S.I.P. - 1021# (Climbing); F.H.P. - 1939#.

D.S.T. #5 3335-3342 Times: 15-45-45-45 Rec. 90' Mdy Oil. I.H.P. - 1884#; I.F.P. - 40# to 57#; I.S.I.P. - 1021# (Static); F.F.P. - 48# to 65#; F.S.I.P. - 972# (Climbing); F.H.P. - 1871#.

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Topeka	2798	3020
Heebner	3020	3024
Toronto	3040	3054
Douglas	3054	3072
L-KC	3072	3317
Arb	3328	

TUBING RECORD size 2 1/2 set at 3140 packer at None

Liner Run ☐ Yes ☒ No

Date of First Production

7-6-84

Producing method

☐ flowing☒ pumping☐ gas lift☐ Other (explain)

CASING RECORD

☒ new☐ used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12 1/4	8 5/8	24	602	Quickset	300	
Production	7 7/8	5 1/2	14	3335	Common	125	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	3098-3102	250 gal. - 15%	3342
		1,000 gal. - 15%	3102