

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISIONWELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5428
 name Grayes Drilling Co., Inc.
 address 910 Union Center
 Wichita, Kansas 67202
 City/State/Zip

Operator Contact Person Betty Brandt
 Phone 316 265-7233

Contractor: license # 5428
 name Grayes Drilling Co., Inc.

Wellsite Geologist Fredrick W. Stump
 Phone 316 265-7233

Signate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

NO: old well info as follows:

Operator
 Well Name
 Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: ☒ Mud Rotary ☐ Air Rotary ☐ Cable

7-30-84 8-5-84 8-5-84
 Mud Date Date Reached TD Completion Date

4320' 4301'
 Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 434' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If Yes, Show Depth Set feet

Alternate 2 completion, cement circulated

from feet depth to w/ SX cmt

Wireline log received

API NO. 15 - 007-21,857

County Barber

C E/2 E/2 NW Sec 11 Twp 32S Rge 12 East
 (location) West

3960 Ft North from Southeast Corner of Section
 2970 Ft West from Southeast Corner of Section
 (Note: locate well in section plat below)

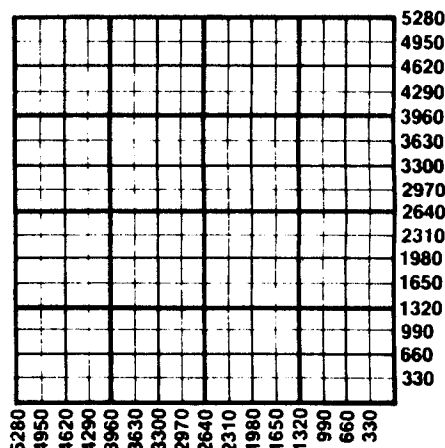
Lease Name Pennock Well# 4

Field Name

Producing Formation Mississippi

Elevation: Ground 1455' KB 1466'

Section Plat



* WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
 (Well) Ft. West From Southeast Corner of
 Sec Twp Rge ☐ East ☐ West

☐ Surface Water Ft North From Southeast Corner and
 (Stream, Pond etc.) Ft West From Southeast Corner
 Sec Twp Rge ☐ East ☐ West

☒ Other (explain) Paul Sears, Medicine Lodge, Ks.
 (purchased from city, R.W.D.#)

Disposition of Produced Water:

☐ Disposal
☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

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 temporarily abandoned wells.

RECEIVED
 SEP 12 1984
 KANSAS CORPORATION COMMISSION
 CONSERVATION DIVISION

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Pennock Well# 4 SEC 11 TWP. 32S RGE. 12 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests 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

Formation Description
☒ Log ☐ Sample

Red bed 0 - 434
 Shale 434 - 799
 Shale & lime 799 - 4320
 RTD 4320

Name	Top	Bottom
Elgin Sand	3356	(-1890)
Heebner	3484	(-2018)
Douglas Sand	3612	(-2146)
Lansing	3676	(-2210)
Stark	4048	(-2582)
Mississippi	4228	(-2762)
LTD	4315	(-2849)

TUBING RECORD size 2" set at 4214' packer at None Liner Run ☐ Yes ☒ No

Date of First Production 8-18-84 Producing method ☒ flowing ☐ pumping ☐ gas lift ☐ Other (explain) _____

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
50 Bbls	60 MCF	0 Bbls	12-1 CFPB	32.5	

Disposition of gas: ☐ vented
☒ sold
☐ used on lease

METHOD OF COMPLETION
☐ open hole ☒ perforation
☐ other (specify) _____

PRODUCTION INTERVAL

☐ Dually Completed.
☐ Commingled

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 Production	12 1/4"	8-5/8"	23#	434'	common	275 sx.	2% Gel, 3% CC
	7-7/8"	4-1/2"	10.5#	4318'	light set	100 sx.	6# gilsonite per Barrel with 1000 gals. mud sh

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2 shots	4232 to 4236, 4240 to 4242, 4250 to 4252, 4256 to 4258, 4265 to 4267 & 4273 to 4275	Fraced with 1500 gallons of 7 1/2% acid & 25,000# of sand with 1010 Barrels of gelled fluid	