

NOTARY PUBLIC
STATE OF KANSAS
Annot Exh. 100
form supercedes
previous forms

Sec 2...Twp. 32 Rge 124

SIDE TWO

Operator Name Graves Drilling Co., Inc. Lease Name Gress-Dawson Well# 2 SEC. 2 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
Samples Sent to Geological Survey
Cores Taken☒ Yes ☐ No
☒ Yes ☐ No
☐ Yes ☒ NoFormation Description
☒ Log ☐ Sample

Sand, Clay & red bed	0 - 71
Red bed	71 - 391
Red bed & shale	391 - 740
Shale & lime	740 - 3290
Shale, lime & sand	3290 - 3425
Shale & lime	3425 - 4694
Sand	4694 - 4750
Rotary Total Depth	4750

Name	Top	Bottom
Elgin Sand	3417	(-1840)
Heebner	3576	(-1999)
Lansing	3752	(-2175)
Stark	4134	(-25)
Mississippi	4320	(-2743)
Kinderhook Shale	4470	(-2893)
Viola	4592	(-3015)
Simpson Shale	4688	(-3111)
Simpson Sand	4692	(-31)
LTD	4751	(-3174)

DST #1 3398-3425 30-45-30-45. Recovered 210' of very slightly gas cut salt water. IFP & FFP 37-92# 92-129# IBHP & FBHP 738-738#

DST #2 4329-4344 30-45-60-60. Recovered 10' of mud, slight show of oil. IFP & FFP 37-28# 28-28#. IBHP & FBHP 65-65#.

DST #3 4345-4365 Misrun

DST #4 4334-4365 30-45-120-60. Recovered 720' of gas in pipe & 65' of slightly gas cut mud. IFP & FFP 64-64# 77-77#. IBHP & FBHP 129-116#

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 $\frac{1}{4}$ "	8-5/8"	23#	391'	common	225 sx.	2% Gel., 3% CC

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

TUBING RECORD

size set at packer at Liner Run ☐ Yes ☐ NoDate of First Production Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented ☐ open hole ☐ perforation
☐ sold ☐ other (specify) _____
☐ used on lease ☐ Dually Completed.
☐ Commingled