

SIDE TWO

Operator Name Montgomery Oil & Gas Expl., Inc. Lease Name Houts Well # 3
 Sec. 15 Twp. 34 Rge. 20 ☒ East County Labette
☐ West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey ☐ Yes ☒ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

Formation Description

☒ Log ☐ Sample

Name Mississippi Top 555 Bottom 573

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	8"	7"	20	20	Portland	4	
Production	6 1/2"	2 1/2"	8 LB. 70Z	573	Portland	9.1	2% Calcium

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

9" intervals	556-560 6 shots 9" intervals	12% Hydrochloric Acid 30 gal	556-560

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

LINING RECORD		Size	Set At	555	Packer At	Liner Run		☐ Yes ☒ No
		2 3/8 8 RD			N/A			
Date of First Production		Producing Method						
1/7/91		☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)						
Estimated Production Per 24 Hours		Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
			13		7	10		32

Disposition of Gas:

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Coningled
☐ Other (Specify) _____

Production Interval

Kephart Drilling Inc.
R.R. # 1 Box 68A
Thayer, Kansas 66776

COPY

Montgomery Oil & Gas	From	-	To	-	Formation
Jerry Line	0'	-	3'	-	clay
	3'	-	10'	-	lime
Houts # 3	10'	-	13'	-	shale
	13'	-	16'	-	lime
LB County	16'	-	93'	-	shale
	93'	-	94'	-	coal
21' of 7"	94'	-	188'	-	shale
	188'	-	189'	-	coal
3 sacks cement	189'	-	214'	-	shale
	214'	-	215'	-	coal
API # 15,099-22,764	215'	-	262'	-	shale
	262'	-	263'	-	coal
J-15 T34S R20E	263'	-	289'	-	shale
	289'	-	304'	-	sandy shale
	304'	-	330'	-	sand - oil
	330'	-	351'	-	sand
	351'	-	373'	-	oil sand
	*353'				oil on pit
	373'	-	377'	-	shale
	377'	-	378'	-	coal
	378'	-	385'	-	shale
	385'	-	386'	-	coal
	386'	-	473'	-	shale
	473'	-	474'	-	coal
	474'	-	540'	-	shale
	540'	-	542'	-	coal
	542'	-	555'	-	shale
	555'	-	561'	-	chat
	*557'				oil odor
	561'	-	573'	-	lime
	*569'	-	571'	-	oil show
	573'	Total Depth			

STATE CORPORATION COMMISSION

JUN 12 1991

Gas Checks:

CONSERVATION DIVISION
Wichita, Kansas

93'	-	94'	-	gas
523'				12" on 1/2"
543'				20" on 1/2"
559'				11" on 1"