

Operator Name Mack Energy Co. Lease Name Lehner Well# 1 SEC 20 TWP 20S RGE 24 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

Formation Description
 Log Sample

DST #1 4421-39 Mississippian

Rec 65' HOCM (65% oil)
 IFP 43-53 (45 min)
 FFP 64-64 (60 min)
 ISIP 1270 (60 min)
 FSIP 1270 (90 min)
 HP 2358

DST #2 4439-49' Miss. Dolomite
 rec 50' OCM, 15% oil & 10% filtrate?)
 IFP 45 (45 min)
 FFP 60 (60 min)
 ISIP 1196 (60 min)
 FSIP 1206 (90 min)

Name	Top	Bottom
Heebner	3757'	-1412'
Lansing	3804'	-1459'
Kansas City Base	4164'	-1819'
Ft. Scott	4320'	-1975'
Conglomerate	4390'	-2045'
Mississippi	4420'	-2075'
Mississippi Dolo.	4424'	-2079'
Driller TD	4499'	
Logger TD	4500'	

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 1/2"	8.5/8"	23#	535'	Common	325 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 <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date 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

Disposition of gas: vented sold used on lease
 open hole perforation other (specify) _____

PRODUCTION INTERVAL

Dually Completed.