

SIDE TWO

Operator Name Landmark Oil Exploration Lease Name Kaczor Well# 1-16 SEC 16 TWP 19 RGE 29 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

DST #1 4311'-4373', 30-45-45-60.
 Recovered 744' muddy saltwater, no show of oil.
 IFP 81-220#, FFP 226-370#. ISIP 1230#, FSIP 1219#.

Name	Top	Bottom
Anhydrite	2171'	(+668)
B/Anhydrite	2199'	(+640)
Heebner	3956'	(-1117)
Toronto	3969'	(-1130)
Lansing	3996'	(-1157)
Lane Shale	4187'	(-1348)
Stark Shale	4288'	(-1449)
Hushpuckney Shale	4330'	(-1491)
BKC	4375'	(-1536)
Altamont	4403'	(-1564)
Pawnee	4491'	(-1652)
Ft. Scott	4539'	(-1700)
Cherokee Shale	4563'	(-1724)
Mississippi	4673'	(-1834)

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> 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#	387'	Common	180	2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION
 open hole perforation other (specify)

PRODUCTION INTERVAL
 Dually Completed.
 Commingled