

SIDE TWO

Operator Name Thomas E. Black d/b/a Black Petroleum Company Lease Name Hartman Well # 1

Sec. 26 Twp. 17S Rge. 28W East West County Lane

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 4178-4230', weak steady blow thru-out
 30"-30", 30"-30", Rec. 35' oil cut mud
 IF 53/64#, BHP 878/878#

DST #2 4394-4475 weak blow, 30-30", 30-30"
 rec. 15' oil spotted mud, IF 75/75#, BHP 247/140#

DST #3 4468-4517 weak blow, dead in 20"
 30-30", 30-30", Rec. 15' very slightly oil cut
 mud. IF 53/53#, BHP 634/247#

Name	Top	Bottom
T/Anhyd.	2074'	+ 596
B/Anhyd.	2106'	+ 564
Heebner	3882'	-1212
Toronto	3906'	-1236
Lansing	3924'	-1254
Stark	4183'	-1513
BKC	4259'	-1589
Marmaton	4284'	-1614
Pawnee	4376'	-1706
Ft. Scott	4432'	-1762
Cherokee	4456'	-1786
Miss.	4553'	-1883
TD	4585'	-1915

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 csg.	12 1/4	8 5/8	20#	304'	common	185	5% c.c. 2% gel
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 checked="" 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			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled