



Operator Name **MACK ENERGY CO.** Lease Name **Ostrander** Well # **1**

Sec. **1** Twp. **31 S** Rge. **2**  East  West County **Sumner**

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 No. 1 (3235'-76') Kansas City  
 30#-45#-45#-60#  
 IHP 1516#; IFP 72-83#; ISIP 1049#; FFP 114-135#  
 FSIP 1029#; FHP 1516#. BHT 101°F.  
 REC: 1370' GIP; 10' GCM; 240'sli. MCGO

Name	Top	Bottom
Stalnaker	2818'	2878'
K. C.	3096'	3340'
Miss.	3749'	4154'
Kinderhook	4154'	4183'
Woodford	4183'	4212'
Simpson	4212'	TD

DST No. 2 (3762'-99') Mississippi  
 30#-45#-45#-60#  
 IHP 1795#; IFP 115-220#; ISIP 1260#; FFP 260-365#;  
 FSIP 1260#; FHP 1795#. BHT 120°F.  
 REC: 630' sli. MSW.

LTD 4151'  
 DTD 4250'

1-315-2W  
 OSTRANDER #1

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	20#	264'	40-60 POZ	180	3% CAC, 1/4 lb Cellulose
production	7-7/8"	4-1/2"	95#	3439'	60-50 POZ	150	75% of 1 CFR 2, 10% Salt, 10% Silson
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3282 - 85'			Acidize w/ 750 gals. 7-1/2%			
2	3268 - 72' & 3244 - 48'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
3-13-87		2-3/8"	3262	None			
Date of First Production		Producing Method					
3-13-87		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) <b>SWAB</b>					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		8 Bbls	TSTM MCF	35 Bbls		CFPB	

METHOD OF COMPLETION Pumping Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3244 - 3285'  
 Used on Lease  Dually Completed .....  
 Commingled