



Operator Name Beren Corporation Lease Name MACKAY Well# 5 SEC. 12 TWP. 23S RGE. 31W  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) (Morrow Sd)  
 60-60-60-60  
 Fair blow, increasing.  
 Rec: 1260' GIP, 140' gassy muddy oil (45% oil, 20% mud, 35% gas), 50' HO&GCM (30% oil, 20% gas)  
 776/744 42/63 95/106

DST #2) (Miss)  
 60-60-30-60  
 Weak blow, decreasing.  
 Rec: 5' SO&GCM  
 510/468 10/21 21/21

Name	Top	Bottom
Sand & Shale	0'	421'
Shale	421'	1400'
Lime, Shale & Sand	1400'	2070'
Anhy. & Shale	2070'	2520'
Shale & Lime	2520'	3010'
Lime & Shale	3010'	4650'
Lime	4650'	4690'
Lime & Shale	4690'	4783'
Mississippi	4783'	4875'
Lime	4875'	4900'

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"	23#	419'	60/40 pzm	300	2%gel, 3%cc
Production	7-7/8"	4-1/2"	10#	4899'	60/40pzm 3/4% Halite 2nd Stg: Lite	150 322 40sx	2%gel, 10%salt 10#gils/sk. Common 50 sx
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4 SPF	4753-59'			1000 gals diesel w/HyfloIV & Mysol, 25 balls 5500 gelled diesel & 7500#20/40 sand			4753-59'
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
3-15-86		<input type="checkbox"/> flowing <input checked="" 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		
24 Bbls	0 MCF	1 Bbls	--	CFPB	35		

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) .....

**PRODUCTION INTERVAL**

4753-59

Dually Completed.  
 Commingled

