



SIDE TWO

Operator Name QUINTANA PETROLEUM CORPORATION Lease Name SAMANIEGO Well # 11-27

Sec. 27 Twp. 33S Rge. 22  East  West County Clark

WELL LOG

\*\*CORRECTED TOP

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: 5294'-5435' (Morrow)  
 Opened tool at 7 a.m. 8/31/86. IF 30 min.  
 Immed lt blow bldg to str. blow. In 15 min  
 at btm of bucket. ISI 60 min. FF 60 min.  
 Had immed. str. blow. GTS in 25 min., after  
 35 min rate was 19,900 CFPD, 45 min 21,900  
 CFPD, 55 min 24,500 CFPD, 60 min 24,500 CFPD

DP recovery: 270' GCM  
 Sampler: 10 cu.ft. gas & 1500 cc GCM @102 psig

IHP 2563  
 IFP 98-118  
 ISIP 1314  
 FFP 137-137  
 FSIP 1564  
 FHP 2584  
 BHT 128°F

Name	Top	Bottom
Root Shale	3405'	
Stotler Ls.	3455'	
Heebner Shale	4215'	
Brown Lm.	4420'	
Lansing	4438	
Start Shale	4884'	
Swope Ls.	4894'	
Hush Shale	4938'	
Base KC	4988'	
Marmaton	5011'	
Ft. Scott	5146'	
Cherokee Shale	5166'	
Base Inola	5290'	
Morrow Sand	5327'	
Chester (Miss.)	5388' **	
Basal Chester Lime	5408'	
St. Genieve	5492'	

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 1/4"	8 5/8"	24#	600.03'	Lite	200	3% CaCl <sub>2</sub>
Production	7 7/8"	5 1/2"	15.5#	5498.00'	Class "A" 50/50 Poz	100	2% gel, 3% CaCl <sub>2</sub>

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 ispf	5415'-5422'	500 gal 7 1/2% FE HCl w/add's	5415'-5422'
4 ispf	5369'-5386'	1000 gal 7 1/2% FE HCl w/add's	5369'-5386'

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production N/A Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....