REPORT NO. 10691118
PAGE NO. 1
TEST DATE: 17-Dec-04

STAR

Schlumberger

Schlumberger Transient Analysis Report

Based on Model Verified Interpretation Of Well Test Data

COMPANY : DEVON		WELL: PQ OSUDO ST #2	
TEST IDENTIFICATION		**WELL LOCATION**	
Test Type	PRESSURE BU	Field	OSUDO SOUTH
Test No.	ONE	County	LEA
Formation	MORROW	State	NEW MEXICO
Test Interval (ft)	12,155-12,162	Location	
COMPLETION CONFIGURATION		**TEST STRING CONFIGURATION**	
Casing / Liner Size (in)	5 1/2	Tubing Length (ft) / O.D. (in)	
Perforated Interval (ft)	12,155-12,162	Packer Depth (ft)	
Perforated Interval (ft)		Gauge Depth (ft) / Type	11,994
Perforated Interval (ft)		Downhole Valve (Y/N) / Type	N/A
Perforated Interval (ft)			
Perforated Interval (ft)		**TEST CONDITIONS**	
Perforated Interval (ft)		Tbg / Wellhead Pressure (psi)	
Net Pay (ft)	6		
INTERPRETATION RESULTS		**ROCK / FLUID / WELLBORE PROPERTIES**	
Model of Behavior	HOMOGENEOUS	Viscosity (cp)	0.029142
Fluid Type Used for Analysis	GAS	Total Compressibility (1/psi)	7.01E-05
Ext. Reservoir Pressure (psi)	6,667 @ GAUGE	Porosity (%)	19
Transmissibility (md.ft/cp)	1,862	Reservoir Temperature (F)	164
Effective Permeability (md)	9.0	Gas Gravity (API)	0.652
Skin	-5		
Pressure Drop (skin, psi)	N/A		
Radius of Investigation (ft)	1710		
P @ delta t=0 (psi)	6,281		
Distance to boundary (ft)	230,421,225		

PRODUCTION RATE DURING TEST: 796 MSCFD

SUMMARY:

This report contains the analysis of the data acquired during the build up test conducted on the Devon PQ Osudo St #2 well in Lea County, New Mexico. This test was performed by Schlumberger's Midland Testing District (432 689 2001). The data was taken using slickline conveyed, electronic pressure gauges. The gauges were run in the wellbore with the well flowing, taking flowing gradient stops as specified. Once the gauges were in place, the well was shut in and a build up test was taken.

The data was modeled using a homogeneous reservoir model with changing wellbore storage and skin. Both semi log and log log type curve matching techniques were used to interpret this data. Agreement between the two techniques was excellent. Pressure history matching was used to confirm this analysis. The permeability was calculated to be 9 md, using a thickness of 6 feet. The skin was calculated to be negative 5. The reservoir pressure was extrapolated from the model constructed using the type curve to be 6,667 psi at gauge depth.

For a more detailed discussion of this analysis, please refer to page two of this report. If you have any questions, please call Marc Pearcy or Angie Fenton at 405 840 2781.

Samson Exhibit 50
NMOCD Case Nos. 13492/13493
Submitted 8/10/06