

ZodiacTM

Well Test Interpretation

Company:	Lynx Petroleum	Test Date:	Sept 28, 2000
Well:	Lusk 31 Fed #1, DST #2	Report No:	498267

ROCK / WELLBORE DESCRIPTION

Porosity, %	12	Water Saturation, %	30 (estimated)
Net Thickness, ft	12 (two 6' drilling breaks)	Wellbore Radius, ft	0.33 (7.875" bit)

FLUID DESCRIPTION

Gas Liquid Ratio, scf/bbl	13310	Reference Pressure, psia	5525
Liquid Gas Ratio, bbl/mmscf	75.13	Oil Viscosity, cp	--
Water Cut, %	0.0	Gas Viscosity, cp	0.0379
Oil Gravity, deg API @ 60 F	54.8	Water Viscosity, cp	--
Gas Gravity	0.65 (wet= 0.8571)	Total Form.Vol.Factor, rvb/scf	0.0005866
N2/CO2/H2S, mole %	--	Total Compressibility, 1/psi	7.565 E-05
Water Salinity, ppm	--		

COMPLETION CONFIGURATION

Total Depth, ft	12620	Packer Depths, ft	12469, 12475
Drill Pipe Length, ft / ID, in	11584 / 3.826	Casing Size, in / WT, lbs/ft	8.625 set at 4483'
Drill Collar Length, ft / I.D., in	853 / 2.25	Cushion Type / Length, ft	Fresh Water / 978

TEST CONDITIONS

Wellhead Pressure, psig	940 (final flow)	Instrument Depth, ft / No.	12614 / SLSR-1185
Bottomhole Pressure, psia	5525 (final shutin)	Max. Temperature, deg F	176
Final GAS Rate, mscf/d	5900 (estimated)	Initial Hydrostatic, psia	6816
Final OIL Rate, stb/d	443 (calculated)	Final Hydrostatic, psia	6800
Final WATER Rate, stb/d	--		

COMMENTS

Pipe recovery= 5.9 bbls cushion, 3.0 bbls condensate. 0.5 bbls mud

Sample chamber contained 8.38 scf of gas and 100 cc of condensate.

Test data collected by the Midland Testing District, Mr. James Daugherty.

A complete listing of the data collected can be found in field data report #6537816.