

Perforations 60' circ.
 cmt. to surface
 PANY Mack Energy Corporation
 LEASE & WELL NO. Shugart 18-Queen #5
 FORMATION
 COUNTY & STATE Eddy, NM



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Top salt 700'

8 5/8 725' cmt. w/50 sxs

Perforation 775' squeeze w/75 sxs tag cement top at 650'

Base Salt 1660'

Perforations 1710' squeeze w/40 sxs and tag

Set C.I.B.P. at 2975' cap w/35' cement

Perforations 3026-38

4 3/4 3113 cmt. w/150 sxs

CONVERSION FACTORS

MULTIPLY	By	TO OBTAIN
Barrels	5.6146	Cubic Feet
Cubic Feet	7.4806	Gallons
Gallons	0.1337	Cubic Feet
Pounds/gal.	7.4806	Pounds/Cu. Ft.

PIPE VOLUMES

0.00545 x I.D. ² in inches	= Cu. Ft./Ft.
0.0407 x I.D. ² in inches	= Gals./Ft.
0.00097 x I.D. ² in inches	= Bbls./Ft.

HYDROSTATIC PRESSURE

FOR WATER:
 0.434 x Depth in Feet = PSI.
 FOR OTHER FLUIDS:
 0.434 x Depth x Sp. Gr. = PSI.