

IPANY Mack Energy Corporation
Perforation LEASE & WELL NO. Shugart 18 Queen Unit
at 60' circ FORMATION
to surface COUNTY & STATE Eddy, NM



RAYMOND MALDONADO
SUPERVISOR, P & A OPERATIONS
BUS. (505)393-9171
FAX (505)393-3848
MOBILE (505)390-0540

Top salt 587'

8 5/8 733' cmt. w/100 sxs

Perforations 783' squeeze w/75 sxs cement tag cement top at 535'

Perforations 1765' squeeze w/40 sxs and tag

Base salt 1715

Set 4 1/2 C.I.B.P. at 3025' cap w/30' cement

Perforations 3072'-3092'

P.B.T.D. 3135'

4 1/2 3169' cmt. w/100sxs

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.