

CON IV Free Bal July 88
LEASE & WELL NO. PEARL ST. No. 1
FORMATION QUEEN SAND
COUNTY & STATE LEA, NM



CARDINAL SURVEYS COMPANY
"FLUID MOVEMENT SPECIALISTS"

P. O. BOX 74 BUS. (915) 683-8667
MIDLAND, TX 79702 583-4017
RECEIVED

Well schematic as of 6-21-88

13 3/8 @ 430', cement to surface JUN 22 '88

8 3/8 @ 4080', cement top 320', T-survey

O. C. D.
ARTESIA OFFICE

Cement top on 5 1/2" casing @ 4360'

Perfs 4965-5051 QN

CIBP @ 5400' w/ 35' cement cap

Perfs 5471-77 QN

CIBP @ 6365 w/ 35' cement cap

CIBP @ 7601 w/ 35' cement cap

CIBP @ 10,400' w/ 35' cement cap.

Perfs 10534-46 Wolf camp

5 1/2 @ 10,743', cement top 4360 by T-survey

NOT TO SCALE

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.