



PROPOSED P&A WELL DATA SHEET

LEASE: EMSU WELL: 443
LOC: 1980' F N L & 1980' F E L SEC: 21
TOWNSHIP: 21S CNTY: Lea
RANGE: 36E UNIT: G ST: N.M.
(formerly: Arnott Ramsay (NCT-C) #10)

FORM: Grayburg / San Andres DATE: _____
GL: 3609' STATUS: SI Producer
KB: 3609' API NO: 30-025-04743
DF: _____ CHEVNO: FA 5883:01

Date Completed: 8/18/1936
Initial Production: 1440 BOPD
Initial Formation: Grayburg
FROM: 3810' to 3905' / GOR 0

Completion Data

8/86 Drill to 3795', set 5-1/2" csg & drill to 3905'. F/ 480 BO & 1.725 MMCFG in 8 hours. Complete naturally.

Subsequent Workover or Reconditioning:

07/57 PB to 3851'. ACDZ w/ 3000 gals 15% NeA. D/O to 3895'. ACDZ w/ 3000 gals 15% NeA.
2/62 ACDZ w/ 1000 gals 15% NeA.
2/65 ACDZ w/ 750 gals 15% NeA.
1/72 ACDZ w/ 750 gals 15% NeA.
6/29/87 Deepen to 4032'. Log Welex CNL-CCL-GR-CAL (logger TD 4032'). Tool sticking below 4020' - logged 4020-3000'. RIH w/ prod tbg. Test pump 7 BOPD/ 107 MCFGPD/ 13 BWPD.
9/8/90 Selectively perf 3820-3863' w/ 2.5 SPF. Selectively ACDZ w/ 1000 gals 15% NeHCl. RIH w/ injection equipment & TOTP. Inj rate: 630 BWIPD @ ? psig.
04/19/01 Set 5-1/2" CIBP @ 3709'. Circ hole w/Pkr fluid, Ran MIT @ 590# f/30 mins. Bled to 480#, Dmp 3 sx 100 Mesh Sd. Re-test 4-27-01, same results. Will be P&A'd.

Additional Data:

T/Salt @ 1503'
B/Salt @ 2770'
T/Queen Formation @ 3574'
T/Penrose Formation @ 3710'
T/Grayburg Zone 1 @ 3868'
T/Grayburg Zone 2 @ 3907'
T/Grayburg Zone 2A @ 3944'
T/Grayburg Zone 3 @ 3977'
T/Grayburg Zone 4 @ 4021'
T/Grayburg Zone 5 @ 4081'
T/Grayburg Zone 6 @ 4120'
T/San Andres Formation @ 4135'
KB @ 3609'

P&A PROPOSAL

Plug # 4
Spot 10 sxs Cl 'C' cmt plug from 60' to surface.

16" csg set @ 29'
w/75 sx,
circ cmt to surface

Plug # 4
Spot 100' cmt plug from 1548' to 1448', @ csg shoe & Top of Salt.

7-5/8", 22# csg
Set @ 1498' w/650
sx cmt, circ to surface

Plug # 3
Spot 100' cmt plug from 2770' to 2670', @ Base of Salt.

Plug # 2
Spot 100' cmt plug from 3574' to 3474', @ Queen formation.

Plug # 1
Cap existing CIBP @ 3709', w/100' cmt plug, from 3709' to 3609'.

5-1/2" OD
17# CSG 10rd
Set @ 3795' W/ 275 SX
Cmt circ.? Yes
TOC @ 318' by calc.

