



WELL DATA SHEET

LEASE: EMSU WELL: 455

LOC: 1980' F S L & 1980' F W L SEC: 21
TOWNSHIP: 21S CNTY: Lea
RANGE: 36E UNIT: K ST: N.M.

(formerly: Arnott Ramsey NCT-C #14)

FORM: Grayburg / San Andres DATE:

GL: 3597' STATUS: SI Producer
KB: 3597' API NO: 30-025-04747
DF: CHEVNO: FA 5887:01

Date Completed: 4/22/1937
Initial Production: 1680 BOPD / 0 BWPD
Initial Formation: Grayburg
FROM: 3790' to 3890' / GOR 0

Completion Data

Drill to 3780', circ. hole clean & set 5-1/2" csg @ 3780'. D/O cmt to 3890'. Completed OH naturally.

Subsequent Workover or Reconditioning:

3/51 ACDZ w/ 1000 gals 15% NeA.
10/57 ACDZ w/ 2000 gals 15% NeA.
6/29/83 Run prod test 5 BOPD/ 76 BWPD/ 55 MCFGPD.
Allowable increased fr 3 to 7 BOPD.
7/87 Deepen fr 3980-4102'. CO & attempt to log AWS CDL-
CNL-CCL-GR. RIH w/ prod. equip. & TOTP. Allowable
revised from 5 to 13 BOPD.
6/14/88 Allowable revised from 13 to 15 BOPD.
10/6/88 Allowable revised from 15 to 16 BOPD.
11/10/88 Allowable revised from 16 to 22 BOPD.

Additional Data:

T/Queen Formation @ 3562'
T/Penrose Formation @ 3710'
T/Grayburg Zone 1 @ 3893'
T/Grayburg Zone 2 @ 3938'
T/Grayburg Zone 2A @ 3994'
T/Grayburg Zone 3 @ 4037'
T/Grayburg Zone 4 @ 4082'
T/Grayburg Zone 5 @ 4140'
T/Grayburg Zone 6 @ 4181'
T/San Andres Formation @ 4193'
KB @ 3597'

13-5/8" OD
CSG
Set @ 37' W/ 45 SX
Cmt circ.? Yes
TOC @ surf. by calc.

7-5/8" OD
22# CSG 8rd
Set @ 1437' W/ 600 SX
Cmt circ.? Yes
TOC @ surf. by calc.

Tubing Detail: 7/14/87

Original KBTH: 0.00'
9 Jts. 2-3/8" J-55 4.7# EUE 8rd
tbg: 267.73'
120 Jts. 2-3/8" J-55 4.7# EUE 10rd
tbg: 3778.16'
2-3/8" API Seating Nipple: 0.76'
2-3/8" J-55 8rd Perf Sub: 3.10'
2-3/8" 4.7# J-55 8rd EUE tbg: 24.52'
Landed @: 4074.27'

Rod Detail: 7/14/87

2 - 3/4" X 4' Pony Rods
2 - 3/4" X 6' Pony Rods
160 - 3/4" X 25' Rods
3/4" X 2' Pony Rod
2" X 1-1/2" X 12' Pump

5-1/2" OD
17# CSG
Set @ 3780' W/ 150 SX
Cmt circ.? No
TOC @ 1884' by calc.

