



WELL DATA SHEET

LEASE: EMSU WELL: 107
 LOC: 1980' F N L & 1980' F W L SEC: 25
 TOWNSHIP: 20S CNTY: Lea
 RANGE: 36E UNIT: F ST: N.M.
 (formerly: Skelly "H" State #1)

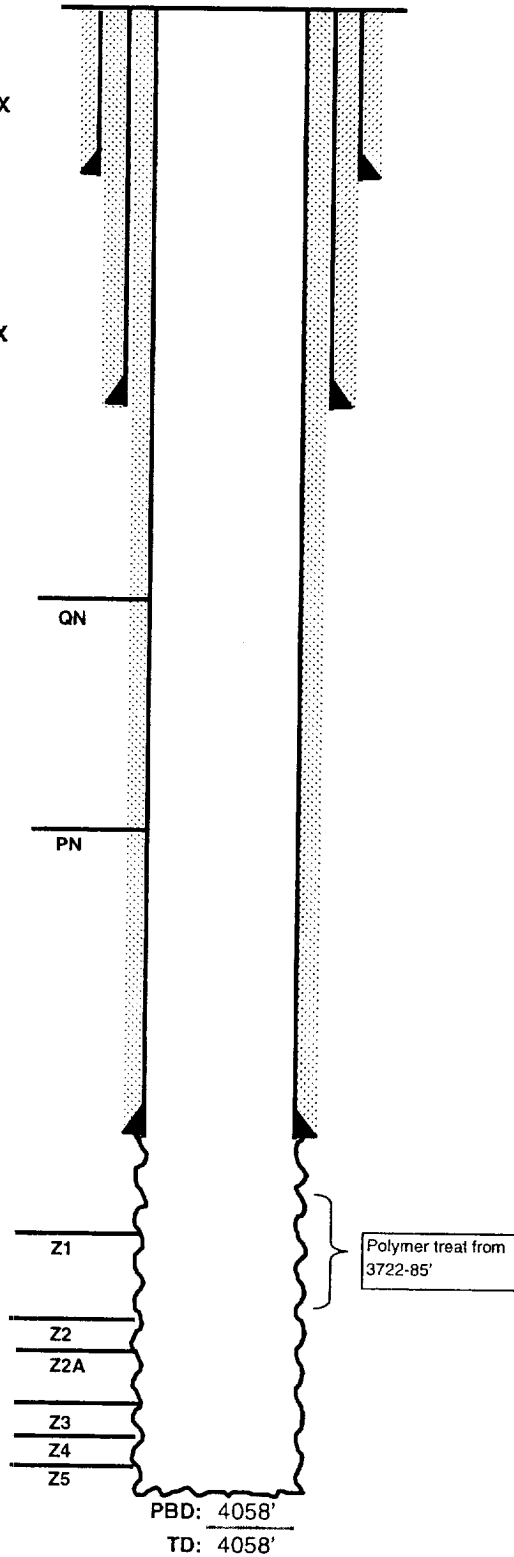
FORM: Grayburg / San Andres DATE: _____
 GL: _____ STATUS: SI Producer
 KB: _____ API NO: 30-025-04320
 DF: 3548' CHEVNO: FA 5463:01

Date Completed: 8/12/37
 Initial Production: _____
 Initial Formation: Grayburg
 FROM: 3740' to 3852' / GOR 0

10-3/4" OD
 40.5# CSG
 Set @ 260' W/ 200 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (13-3/4" hole)

7-5/8" OD
 26.4# CSG
 Set @ 1154' W/ 600 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (9-7/8" hole)

5-1/2" OD
 17# CSG
 Set @ 3710' W/ 800 SX
 Cmt circ.? Yes
 TOC @ surf. by calc.
 (6-3/4" hole)



Completion Data

8/37 ACDZ OH (3721-3850') w/ 3000 gals. B/4: F/ 126 BO. A: F/ 205 BO.

Subsequent Workover or Reconditioning:

4/49 Ran BH Electrode - wtr prod f/ 3802-3831'. Cal. survey cave ins @ btm of hole & enlarged hole sections @ 3710-23, 3776-3782', 3788-3804'. Spinner survey showed 2 perm zones 3710-23' (1% perm) & 3774-78' (99% perm). Ran form. pkr set @ 3754'. Tst: B - 13 BOPD. A - F/ 207 BO/ 106 BW/ 25 MCFG.
 1/51 ACDZ 3754-3850' w/ 1008 gal. Well did not take acid. Leaks in connections took acid.
 8/51 ACDZ OH w/ 3000 gal and 350 gal form gel. TST: B -25 BO. A - 46 BO/ 17 BW/ 402 MCFG.
 1/58 ACDZ OH w/ 3000 gal 15% LSTNe. Would not flow. Put on pmp. TST: B - 0. A - 25 BO/ 75 BW.
 1/59 FISH stuck tbg & remove OH formation pkr. C/O to TD 3850'. TST: B - 0. A - 22 BO/ 65 BW.
 4/63 ACDZ OH w/ 1000gal 15% HCl. TST: B -18 BO/ 0 BW/ 163 MCFG. A - :22 BO/ 22 BW/ 13 MCFG.
 8/85 Pressure tst tbg & csg. Attempt to retrieve SV. SV parted. Spot acid.
 10/85 RIH w/ bit & DC. Wash to btm 20' fill. Lost returns. Rmp foam reamed 3830-3840'. ACDZ OH f/ 3702-3850' w/ 3500 gal 15%. Chemical sqzd w/ 110 gal. EOT @ 3813'. SN @ 3782'.
 7/88 DPN/LOG/ C/O fill f/ 3834-3850'. Drill 3850 - 4058'. SN @ 4021'. EOT @ 4057'.
 4/91 Tag bottom @ 4057 (1' fill). Attempt to neg swab tst 3145-50' (area where log indicates csg leak). Rec'd 27 bbl. No evidence of fluid entry. Csg pressure held. EOT @ 4054'. SN @ 4018'.
 9/91 Polymer squeeze 3722-3785' w/ 641 bbls. C/O to 4058'.

Additional Data:

T/Queen Formation @ 3360'
 T/Penrose Formation @ 3539'
 T/Grayburg Zone 1 @ 3754'
 T/Grayburg Zone 2 @ 3806'
 T/Grayburg Zone 2A @ 3849'
 T/Grayburg Zone 3 @ 3878'
 T/Grayburg Zone 4 @ 3928'
 T/Grayburg Zone 5 @ 4006'
 T/Grayburg Zone 6 @ 4041'
 T/San Andres Formation @ 4055'
 KB @ 3558'