

From top rotary drive bushing
to derrick floor

0 1

From top derrick floor to
13-3/8" OD casing

1 19.21

Caliche

19.21 40

Surface hole

40 226

Red bed and shells

226 460

St. @ 150

St. @ 450

Set 13-3/8" OD casing @ 460 w/450 sax
neat, Circ. 10 sax, WOG 43-1/2 hrs.

Tested 13-3/8" OD casing w/800# 30 min.
no break before and after drilling plug.

No formation logged

460 755

Red bed

755 1823

Red bed and shells

1823 2057

Red rock and anhydrite

2057 2120

1/4" @ 1140, 3/4" @ 1450

1/2" @ 1850

Top Anhydrite @ 2080

Anhydrite

2120 2210

1/4" @ 2180

Top of Salt @ 2210

Salt

2210 2380

Salt and anhydrite

2380 2880

Anhydrite and salt streaks

2880 3056

Anhydrite

3056 3425

1/4" @ 2480, 1/4" @ 2695

1/2" @ 3060, 1/2" @ 3360

Top of Yates @ 3130

Anhydrite and gyp

3425 3527

Anhydrite

3527 3703

Anhydrite and gyp

3703 3811

Anhydrite

3811 4251

Lime and anhydrite

4251 4275

Anhydrite and lime streaks

4275 4320

Anhydrite and lime

4320 4355

1/4" @ 3745

3/4" @ 4140

Lost 100 bbls. mud 4300-4350

3/4" @ 4450

Lime

4355 4490

Lime and gyp

4490 4532

Lime

4532 4558

Lime, gyp and anhydrite

4558 4590

Gyp

4590 4612

Lime

4612 4750

1/2" @ 4700

Top of San Andres @ 4670. 74' high to
T. D. Pope #1.

Halliburton ran calipers

456 4753

Schlumberger ran Electric Survey
and Gamma Ray log

458 4755

Set 9-5/8" OD casing @ 4750 w/1148 sax
6% gel. 142 sax mobility and 200 sax
neat, 1737 CF extender, Circ. 500 sax
WOG 188-1/2 hrs.

Tested 9-5/8" OD casing w/1000# 30 min.
no break before and after drilling
plug.

Lime

4750 6164

1" @ 5210, 1" @ 5385, 1" @ 5450,
3/4" @ 5505, 1/2" @ 5650, 3/4" @ 5765,
1-1/4" @ 5920, 1-1/4" @ 6045,
1-3/4" @ 6160

Drilling break @ 6134, 6-8 MPF to
2-4 MPF.