W

E

RANGE GREENWOOD 1
23691

RANGE GREENWOOD 20
36760

RANGE GREENWOOD 22
37147

RANGE GREENWOOD 23
37148

Subsea Depth
300
200
100
0
-100
-200
-300
-400
-500
-600
-700
-800
-900
-1000

QUEEN

PENROSE-SKELLY

GRAYBURG

SAN ANDRES

Add Perf 3670-3950 ft (OA)
Acid w/7000 gals 15% NEFE
6/04

Perf 3976-4072 ft (OA)
Acid w/ 4000 gals
6/04

Perf 4097-4140 ft (OA)
Swb, no show
6/04

Perf 4220-4235 ft
Swb W, no show
6/04

Perf 4297-4342 ft (OA)
Acid w/1500 gals
Swb dry, no show
6/04

Perf 4372-4398 ft (OA)
Swb W, no show
6/04

Perf 3832-3880 ft (OA)
Acid w/ 6500 gals 15% NEFE
IPP: 109 MCFG, 2 BO, & 292 BW/D
10/04

Perf 3986-4080 ft (OA)
Acid w/6500 gals 15% NEFE
Swb SSO&GSW
10/04

Perf 3828-4049 ft (OA)
Acid w/10000 gals 15% NEFE
IPP: 70 MCFG, 3 BO, & 69 BW/D
8/05

Frac (3828-3976 ft) w/65342 gals
30 lb X-L, 95000 lbs 16/30 sd, &
40000 lbs 16/30 RC
11/05

Perf 3814-4064 ft (OA)
Acid w/12000 gals 15% NEFE
IPP: 210 MCFG, 3 BO, & 246 BW/D
9/05

Added Perfs 4112-4154 ft
Acid w/3000 gals 15% NEFE
IPP: 32 MCFG & 493 BW/D
10/05

Abnd Perfs 4112-4154 ft
2/06

RANGE RESOURCES

LEA COUNTY, NEW MEXICO

W - E STRUCTURAL X-SECTION

GREENWOOD LEASE

Horizontal Scale = 65.0
Vertical Scale = 20.0
Vertical Exaggeration = 3.3x

TOPS AND MARKERS
- QUEEN
- PENROSE-SKELLY
- GRAYBURG
- SAN ANDRES - PPC
- SAN ANDRES

CORES: BOWL, ACTIVE, INACTIVE
PERFS: SQUEEZED, PROPOSED, SHOT/PLUG
SHOWS: GAS, OIL, WATER, OTHER
DST/WLTIP: OPEN, CLOSED, LEAK
CASING: LINER

November 28,2006 12:57 PM

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 13820 Exhibit No. 5
Submitted By:
Range Operating
Hearing Date: November 30, 2006

PETRA 11/29/2006 12:57:56 PM (GREENWOOD_HEARING.CSP)