

SOUTHLAND ROYALTY COMPANY - DUAL COMPLETION DIAGRAM

Johnson #1
1590' FSL & 1000' FEL
Section 7, T25N, R3W
Rio Arriba County, New Mexico

Exhibit 2
Original

9-5/8", 32.30# casing set at 253', cemented with 110 sacks cement.

BEFORE EXAMINER STOGNER

Oil Conservation Division

~~SRC~~ Exhibit No. 2

Case No. 8169

Perforated Mesa Verde from 5856'-5886' (6 holes).
Frac'd with 56,880 gals of fresh water and 36,000#
of 20/40 sand.
Test 9-18-81, 3/4" choke, 3 hours.
SITP 1265, FTP 34, Q 529, AOF 544.

1-1/2", 2.76#, V-55 IJ tubing landed at 5883'

Model "R" packer set at 5981'.

Perforated Gallup Dakota 7878'-8034' (8 holes),
8100'-8120' (6 holes). Frac'd with 116,844 gals
of 30# gel 1% KCl water and 61,616# of 20/40 sand.
Test 9-25-81. SITP 1157, FTP 0, Q 140, AOF 140.

Swab tested perfs 8100'-8120'. Rec. water, no gas.
Set CIBP @ 8010'.

2-1/16", 3.25#, V-55, IJ tubing landed at 7930'.

5-1/2", 17# & 15.5# casing set at 8191', cemented
with 690 sacks in 3 stages.

SOUTHLAND ROYALTY COMPANY - COMMINGLED WELL DIAGRAM

Johnson #1
1590' FSL & 1000' FEL
Section 7, T25N, R3W
Rio Arriba County, New Mexico

Exhibit 2A
Commingled

9-5/8", 32.30# casing set at 253', cemented with
110 sacks cement.

Perforated Mesa Verde from 5856'-5886' (6 holes).
Frac'd with 56,880 gals of fresh water and 36,000#
of 20/40 sand.

2-3/8", 4.7#, J-55 EUE tubing landed at 7900' with
tubing anchor.

Perforated Gallup Dakota 7879'-8034' (8 holes),
8100'-8120' (6 holes). Frac'd with 116,844 gals of
30# gel 1% KCl water and 61,616# of 20/40 sand.
Swab tested perfs 8100'8120'. Rec. water, no gas.
Set CIBP @ 8010'.

5-1/2", 17# & 15.5# casing set at 8191', cemented
with 690 sacks in 3 stages.