



Southland Royalty Company

San Juan 32-5 Unit 101 Rio Arriba County, NM

TD - 3,124 ft MD Abandoned Mainbore
TD - 3,167 ft MD Temp Aband Sidetrack Mainbore
TD - 5,534 ft MD Sidetrack Lateral
TD - 4,946 ft MD Sidetrack #2 Lateral

12 1/4" hole to 515'.
Surface Csg: 11 jts 9 5/8" 36# lb/ft K-55
Setting Depth: 508 ft kb

Cement
380sx Class B (448 ft³)
Circulate 37 bbls to surface

8 3/4" hole to 2,985'.
Production Csg: 73 jts 7" 23# K-55
Setting Depth: 2,982 ft

Cement
Lead: 490sx 65/35 Class B. Tail: 100sx Class B
Total cement 926 ft³.
Circulate 52 bbls to surface.

6 1/4" hole to 3,124 ft MD
Liner Csg: 6 jts 4.5" 10.5# K-55 casing
Setting depth: 3,121 ft MD
Liner top: 2,891 ft MD (91' overlap in 7")
Perfs 3spf: 3,018 ft - 3,038 ft

Cement
Lead: 20sx 65/35 Class B. Tail: 50sx
Class B
Total 98 ft³.
Reverse circulate 10 bbls to surface
RIH tbg pump 50sx Class B (59 ft3) on
top
Reverse circulate 15 bbls to surface.

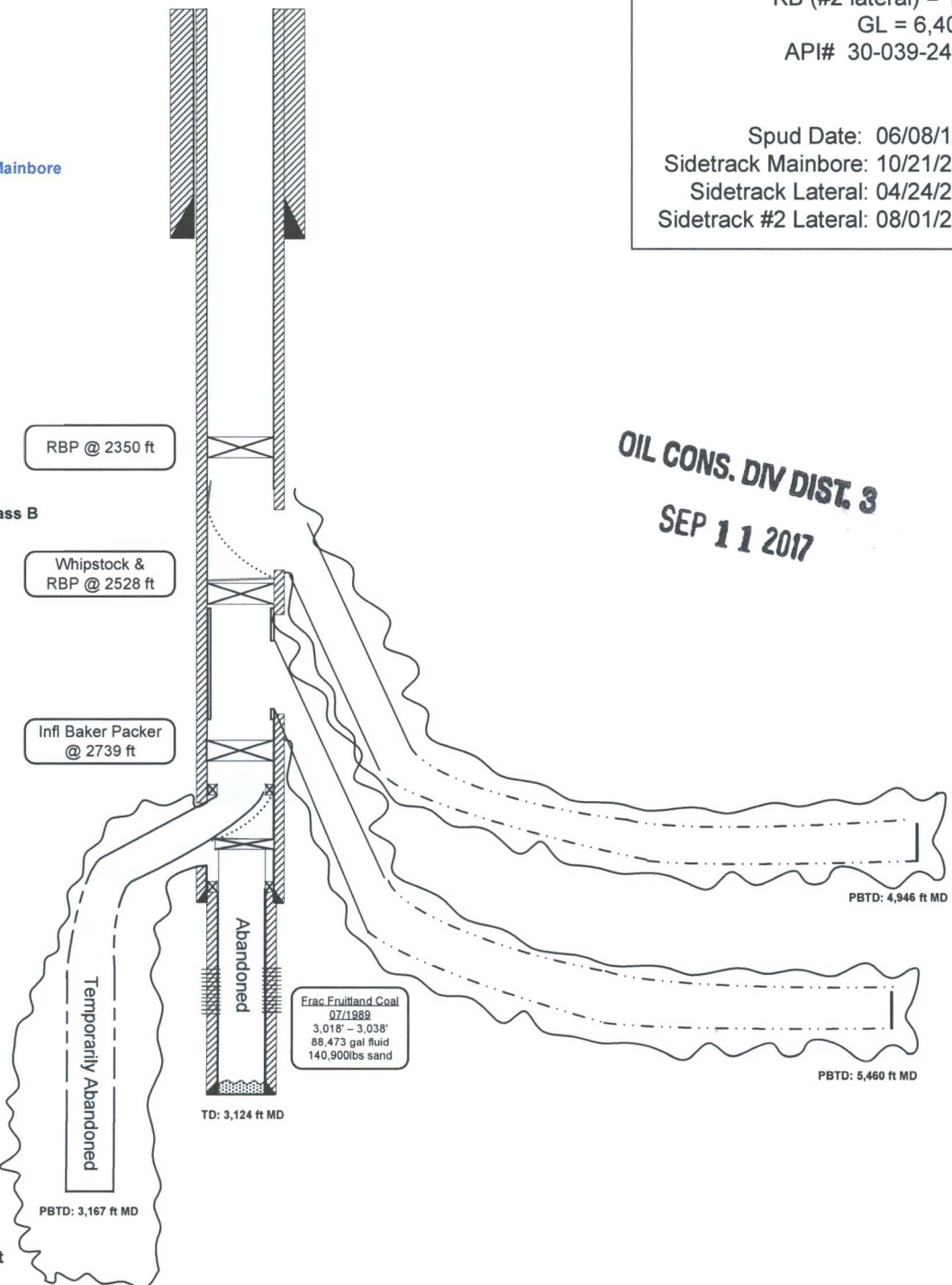
Set CIBP at 2850 ft.
Set Whipstock at 2850 ft.

Mill Window: 2841 ft - 2853 ft
Drill and Under Ream 9 1/2" hole to 3,121
Cavitate Well
Drill to TD of 3,181 ft.
Liner casing: 9jts 5.5" 15.5# J-55
Setting Depth (PBDT): 3,167 ft.
Top of Liner: 2,762 ft
Perfs 4spf: 2,982 ft - 3,111 ft

04/2008
Mill Window: 2,681 ft - 2,694 ft
6 1/2" lateral hole to 5,534 ft MD
Liner Csg: 4.5" 11.6# J-55 preperfd liner
Setting Depth (PBDT): 5,460 ft MD.
Top of Liner: 2,677 ft MD (Baker 4.5"x7"
Model B Pos. II Hook Hanger)
Perfs 8spf, 18,184 holes: 3,144 ft - 5,417 ft

06/21/2017
Baker Inflatable 4.25" OD Packer
set at 2739'

08/2017
Set RBP @ 2528' MD.
Mill Window: 2,509 ft - 2,517 ft
6 1/8" lateral hole to 4,946 ft MD
Liner Csg: 4.5" 11.6# N-80 BTC preperfd liner
Setting Depth (PBDT): 4,946' ft MD.
Top of Liner: 2,522 ft MD (drop off 5' outside)
Perfs 4spf, 90°, 0.75" dia, ~6156 holes:
3,277 ft - 4,939 ft
1668' in zone coal drilled



Prepared by: Savage
Date: 09/08/2017

KB = 12 ft
KB (#2 lateral) = 16 ft
GL = 6,404 ft
API# 30-039-24338

Spud Date: 06/08/1989
Sidetrack Mainbore: 10/21/2002
Sidetrack Lateral: 04/24/2008
Sidetrack #2 Lateral: 08/01/2017

OIL CONS. DIV DIST. 3
SEP 11 2017

12