

3/26/2007

Jicarilla 460-21 #1
Pre completion Well Bore Diagram
SE NW Sec.21, T30N, R3W
API # 30-039-25866

8 5/8" 24# casing @ 542', TOC =
Surf

SJ perfs: 1694-1710, SQ 12 '03

NAC perfs: 2904-3039', SQ 12 '03

Ojo Alamo perfs: 3271-3304, SQ 12-'03

KOP +/- 3778'. 2nd window in 5
1/2" casing from 3773-3783'. 1st
window abandoned @ 3789-
3796' (orientation error)

PC perfs: 3794-3805'

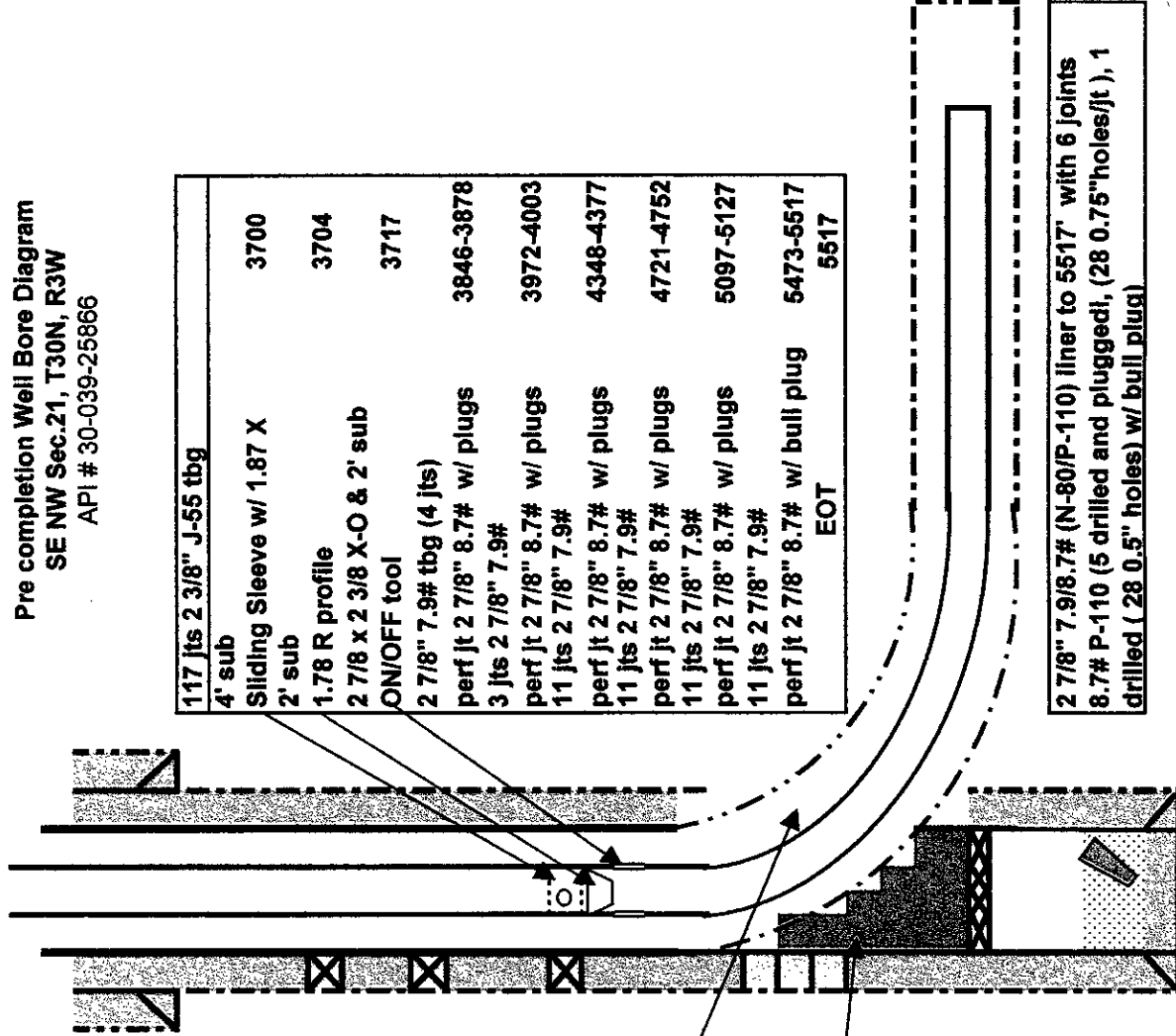
Knight Advantage Whipstock

CIBP @ 3803'

5 1/2" 15.5 # J-55 casing set to
4031', Cement; Lead, 200 sx
65/35/12 Poz, ; Tail, 375 sx
50/50/2; circ cement to surf.

PBTD = 3842

old packer remains in hole



117 jts 2 3/8" J-55 tbg	
4' sub	3700
Sliding Sleeve w/ 1.87 X	
2' sub	3704
1.78 R profile	
2 7/8 x 2 3/8 X-O & 2' sub	3717
ON/OFF tool	
2 7/8" 7.9# tbg (4 jts)	
perf jt 2 7/8" 8.7# w/ plugs	3846-3878
3 jts 2 7/8" 7.9#	
perf jt 2 7/8" 8.7# w/ plugs	3972-4003
11 jts 2 7/8" 7.9#	
perf jt 2 7/8" 8.7# w/ plugs	4348-4377
11 jts 2 7/8" 7.9#	
perf jt 2 7/8" 8.7# w/ plugs	4721-4752
11 jts 2 7/8" 7.9#	
perf jt 2 7/8" 8.7# w/ plugs	5097-5127
11 jts 2 7/8" 7.9#	
perf jt 2 7/8" 8.7# w/ bull plug	5473-5517
EOT	5517

2 7/8" 7.9/8.7# (N-80/P-110) liner to 5517' with 6 joints
8.7# P-110 (5 drilled and plugged, (28 0.75"holes/ft), 1
drilled (28 0.5" holes) w/ bull plug)

Lateral Distance MD from surface

3794

5517