

Lakey #1
2280' FSL X 660' FWL
NW/SW Section 20-T238-R28E
Loving (Morrew) Field
Eddy County, New Mexico

WELL DATA: GL: 3,060' TD: 12,622'
KB: 3,076' PBTD: 6,400'

CASING: 16", 65# H-40 set at 450' KB. Cement with 750 sacks class C cement.

10-3/4", 40.5# K-55 set at 2,415' KB. Cement with 1875 sacks 65-35 POZ tail in with 300 sacks class C. Circulate out 200 sacks cement.

7-5/8", 29.7# N-80 set at 9,615' KB. Cement first stage with 500 sacks 65-35 POZ tail in with 310 sacks class C. DV tool at 6,007', cement second stage with 800 sacks. Top of cement at 2,048'.

LINER: 5", 23# N-80 set at 12,621' KB. Top of liner at 9,415'. Cement with 500 sacks.

TIEBACK LINER: 5" 18# N-80 at 7,343-9,415'. Cement with 230 sacks Class H.

TUBING: 6,370', 2-3/8" N-80.

EXISTING PERFS: 6,346-6,370' (Bone Spring).

STATUS: Shut-in.

PLUG AND ABANDON PROCEDURE:

1. MIRUSU.
2. Kill well (if necessary), ND tree and NU BOP's.
3. Release packer and tubing at 6,370' and TOH with tubing and packer.
4. Load hole with 9.0 ppg, 36 VIS (minimum) plug mud.
5. Set 500' (125 sacks) cement plug at 6,400-5,900' across the Bone Spring, perfs and DV tool. WOC and tag this plug.
6. Set a 25 sack, 100 foot surface shoe plug at 2,465-2,365'. WOC and tag this plug.
7. Work the 7-5/8 " casing and cut at 2,000'. TOH laying down casing.
8. RIH with tubing to 600' and pump a 250 foot (135 sack) cement "fresh water zone" plug in the casing from 600' to 350'. WOC and tag this plug.
9. Set a 10 sack surface plug, cut off 4 feet below ground level and install a cap and dryhole marker with I.D.