

Yates Federal Deep #1
990' FNL & 990' FWL
Section 5-20S-27E
Eddy, NM

Surface:	13 3/8"	48.0#			
Intermediate:	9 5/8"	36.0#	J-55	@ 00335'	Cement Circulated
Production:	5 1/2"	15.7 & 17#	J-55 & N-80	@ 03096'	Cement Circulated
				@ 08380'	TOC @ 7240' by CBL

Well was drilled to 10714 with 8 1/4" hole. The well was plugged back and production casing was run to 8380 feet. There are cement plugs in the OH as follows: 8430'-8530', 8820'-8920' and 10150'-10250'.

Perforations: 7870'-7882, 8179'-8218

CIBP: 8135' in 5 1/2" casing with cement to 8115'

Proposed P&A Procedure

- 1) MIRU workover unit.
- 2) Blow tubing and casing down and kill well as necessary.
- 3) ND wellhead.
- 4) Pull out of hole with rods, pump & tubing.
- 5) Tally in hole with tubing, bit and scraper to 8115' and circulate hole with 10 ppg salt gel.
- 6) Pull out of hole with tubing.
- 7) Trip in hole with wireline set CIBP and set at +/- 7820'.
- 8) Dump 35' of cement on CIBP with wireline dump bailer.
- 9) Free point 5 1/2" casing. Cut and pull 5 1/2" casing 50' above free point. (TOC @ 7240).
- 10) Trip in hole with tubing to casing 5 1/2" casing stub and spot minimum of 100' cement plug in and out of 5 1/2" casing.
- 11) Pull above plug and WOC.
- 12) Tag plug
- 13) Spot cement plug in and out of 9 5/8" casing, across 9 5/8" casing shoe from 3046 to 3146'.
- 14) Pull above cement plug and WOC
- 15) Tag plug.
- 16) Spot cement plug in 9 5/8" casing across 13 3/8" casing shoe from 285' to 385'.
- 17) Spot 10 sack surface plug
- 18) Install regulation marker.
- 19) Remove surface equipment and reclaim location as necessary.

Spot Cement Plug F/4900-5000'