

COMPLETION SCHEDULE

WELL: Cedar Hills #1

DATE: May 30, 1984

LOCATION: I, 1980' FSL & 660' FEL, Sec. 15, T-21S, R-27E, Eddy County, NM

FIELD: Upper Penn

ELEVATION: 3254' GL
3270' KB

TD: 11,721' PBTD: 9970'

<u>CASING RECORD:</u>	<u>SIZE</u>	<u>WT. & GRADE</u>	<u>DEPTH</u>	<u>CEMENT</u>	<u>CEMENT TOP</u>
	13 3/8"	48# New	597'	600 sxs	Surface
	9 5/8"	36# New	2603'	800 sxs	Surface
	4 1/2"	11.6# N-80	11781'	NR	8500' Est. but not evident on CBL

FORMATION TOPS:

T. Delaware	2987'
Bone Springs	5348'
Wolfcamp	9100'

PRESENT PERFORATIONS: 9558'-9569'

PRESENT PRODUCTION: SI WOCO

RECOMMENDED PROCEDURE:

- 1) MI & RU CU.
- 2) ND tree, NU BOP.
- 3) RU McCullough (505-393-4145) to cut tubing at 9685', just above packer @ 9705'.
POH w/tubing.
- 4) Dump 30' *cement on top of stub. 35'
- 5) RU to run free point for 4 1/2", 11.6# casing.
- 6) GIH w/ 4 1/2" CIBP and set 100' below free point and dump 30' *cement on top CIBP. 35'
- 7) GIH w/McCullough jet cutter and cut 4 1/2" @ free point. POH w/ 4 1/2".
- 8) GIH w/tubing open ended and spot cement plug 50' inside 4 1/2" casing and 100' out, POH.
- 9) Spot 100' cement plugs @ 7300' to 7200' & 5400' to 5300'.
- 10) GIH w/7 7/8" bit and run to 3300' (casing to be set @ 3250').
- 11) Run 4 1/2" 11.6# casing to 3250'.
- 12) Cement w/250 sxs Class "C" Neat. (Based on average hole size of 11 inches w/20% excess.)
- 13) Run CBL.
- 14) Perforate w/1 JS @ 3082', 84', 86', 88', 3100', 14', 15', 16', 17', 18', & 19' (11 holes).
- 15) GIH w/pkr and tubing and spot 500 gals 7 1/2% HCL w/Phosphates.
- 16) Break down perms and swab to test.
- 17) Frac w/20,000 gals 75 quality 25% Methanol foam frac w/anionic surfactants 30,000# 10-20 sd @ 44 BPM. Shut in 2 hours and open well to test.
- 18) If commercial, turn over to pumper. If not, plug well, as previous from 3000'-2500' w/170 sxs, 25-0 w/10 sxs, and dry hole marker.

Ray F. Nokes
Reservoir Engineer
Harvey E. Yates Company