

- 10) MIRU cementing co. RIH w/7-5/8" EZSV cement retainer and tubing to 5480'. Set retainer and establish injection into perforations (5500'). Pump 500 gal mud flush. Follow with 187 sx class "C" cement (contains 50% excess) with .4% CFR-2 Turbulence Inducer (6.3 gal/sk, 14.8#/gal, yield = 1.32 cu.ft/sk). Follow w/20 sx of class "C" cement with 2% CaCl₂. Displace cement w/31 BW to 5350'. Pull out of retainer. PU to 5000'. Reverse circulate to clean casing.
- 11) RIH w/6-3/4" bit, DC and tubing. Clean out casing to 5450'. Test squeeze to 1000#. POH.
- 12) MIRU wireline co. Run CBL-VDL-GR-CCL from PBTD to 5000' w/and w/out 1000#. POH. Review bondlog results with Production Engineering prior to proceeding with completion work.
- 13) Circulate and load hole w/filtered 2% KCL water. NU 3000# lubricator. RIH w/4" SSBII casing gun and perforate the following 1 jspf, decentralized w/0° phasing:

Per Schlumberger CNL-LDT 9/29/81

<u>Interval</u>	<u>Ft.</u>	<u>Perforations</u>
5282'-5298'	16	17
5302'-5314'	12	13
5328'-5331'	3	4
5336'-5366'	30	31
5382'-5390'	8	9
5395'-5410'	<u>15</u>	<u>16</u>
Total	84	90

- 14) RDMO wireline co. RIH w/7-5/8" production packer, std API SN, and + 5230' tbg and set packer. Drop standing valve test tubing to 5000 psi. Fish standing valve and test annulus to 1000 psi.
- 15) Swab/flow well for test.
- 16) Move in service co. Pressure annulus to 1000 psi. Acidize well down tubing w/6000 gal 15% HCL plus 1000 SCF/bbl of N₂. Acidize well in two stages of 3000 gal 15% HCL plus 1000 SCF/bbl of N₂ using 300# rock salt as diverter. Pump at + 4 BPM total (2.1 bbl acid plus 1.9 bbl N₂). Flush to bottom perf w/39 bbls (20.5 bbls KCL plus 18.5 bbls N₂). Obtain ISIP, 5, 10, and 15 min. SIP. RDMO service co.

Fluid Additives GPT

1 gal Inhibitor	Expected Treating Pressure: 2600 psi
1 gal Clay Stabilizer	Maximum Treating Pressure: 4000 psi
5 gal FE Control	
2 gal NE Agent	