Bondurant Fed. #1 Bone Spring Sand Recompletion Page Two

8. MIRU stimulation company. NU stimulation valve. NU surface lines and test to 6000 psi. Monitor production-intermediate casing annulus for loss/entry. Fracture stimulate Second Bone perforations (9592'-9750'; 28 holes) according to the attached fracture stimulation schedule I. Anticipated volumes, rates, and pressures are:

> Fracture Fluid Volume: 100,000 gal Proppant: 385,000 lbs Recommended Treating Rate: 40 bpm Estimated Treating Pressure: 4250 psi Maximum Treating Pressure:

5500 psi

Flush fracture stimulation to top perforation with treated 2% KCl water.

- 9. Flow back well at reduced rates (ie 8/64" choke initially) and release pressure from well. RU wireline unit. RIH and determine PBTD. POH.
- 10. If PBTD is above 8900', RIH with 2 7/8" tubing and circulate hole clean to 9000'. Spot 500 gallons of 7-1/2% NEFe HCl from 8340'-8850'. If PBTD is below 8900', RU wireline company with RBP. RIH and set RBP at 8900'. POH. RIH with a dump bailer and place 10' of sand on top of RBP. POH. Test casing and RBP to 5500 psi. ND stimulation valve. NU BOP.
- RU wireline company to perforate. RU wireline pressure control. with 4" perforating guns and perforate the First Bone Spring Sand with 120° phasing at:
 - 8701'-8713'; one shot per 3' for 5 holes • 8759'-8780'; one shot per 3' for 8 holes • 8790'-8802'; one shot per 4' for 4 holes • 8814'-8823'; one shot per 3' for 4 holes
 - 8854'-8866'; one shot per 3' for 5 holes

for a total of 26 holes. POH.

- RIH with a 5 1/2" treating packer, SN (2.25 ID), and ± 8600 ' of 2 7/8" tubing. Set packer at $\pm 8600^{\circ}$. Swab well down to SN if possible. Record rates and cuts.
- 13. RU stimulation company. NU surface lines and test to 5000 psi. Place and monitor 1000 psi on casing-tubing annulus. Acidize First Bone Spring Sand perforations (8701'-8866'; 26 holes) with 3000 gallons of 7-1/2% NEFe HC1 and 39 7/8" 1.3 Sp. Gr. ball sealers. Pump 540 gallons of acid and then release two balls/three bbls for remainder of treatment. If ballout occurs, surge balls off perforations and continue displacement. The following rates and pressures are anticipated:

Treating Rate: 6-8 bpm Treating Pressure: 3200 psi Maximum Treating Pressure: 5000 psi

Displace acid to bottom perforation with treated 2% KCL water.

14. Release pressure from well. Swab well down to SN if possible. rates and cuts to Midland office.

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