

Rhodes GSU No. 7
Rhodes Field
Lea County, New Mexico

Project Engineer: K. L. Midkiff
Office: (915) 686-5714
Residence: (915) 686-8650

1. Prepare location for job. MRU PU. ND wellhead. NU BOP. POOH with rods and production tubing. Deliver $\pm 350'$ of 2 3/8" 4.7# J-55 tubing to location.
2. R/H with bit and scraper. Clean out hole with foam to $\pm 3130'$. POOH. R/H with treating packer on 2 3/8" tubing to $\pm 2800'$. Load annulus and set packer. Test backside to 3800 psi.
3. MRU Stimulation company. NU surface lines and test to 4000 psi. Acidize (Sp. Gr. = 1.3) 1500 gallons of 7 1/2% NFe HCl. Space out. 4 7/8" RCMB

Treating Rate = 3 BPM
Anticipated Pressure = 1800 psi
Maximum Pressure = 3800 psi

Release packer and run through perfs to knock balls off. POOH.

4. ND BOP, NU frac valve to 4 1/2" casing. NU surface lines. Fracture stimulate Yates down casing with 28,000 gallons fo 50-Quality CO2 foam and 84,000 lbs. of 12/20 mesh Brady sand.

Treatment Rate = 30 BPM
Anticipated Pressure = 1700 psi
Maximum Pressure = 3800 psi

Stage	Fluid	R/R	Volume (gal)
Pad	50-Q Foam	0	10,000
1	50-Q Foam	1	2,000
2	50-Q Foam	2	2,000
3	50-Q Foam	4	5,000
4	50-Q Foam	6	7,000
5	50-Q Foam	8	2,000
Flush	50-Q Foam	0	$\pm 1,750$

Shut well in for 90 minutes, then flow back on 16/64" choke until well quite making fluid (1 1/2 days).

5. Kill well. ND frac valve. NU BOP. R/H with bit and clean out hole with foam. POOH. R/H with mud anchor, perforated sub, SN, and production tubing to $\pm 2870'$. Deliver 3/4" rod string to location. R/H with rods and pump. Space out and put on pump.

Approved: T. J. Harrington

Date:

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RHODES YATES 7-RIVERS FIELD
LEA COUNTY, NEW MEXICO

