

Hodge No. 2
Jalmat Field
Lea County, New Mexico

Recommended Procedure

Project Engineer: K. L. Midkiff

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1. Prepare location MIRU PU. ND wellhead, NU BOP. POOH with tubing. RIH with 4 3/4" bit and clean out hole with foam to 3080'. POOH. RIH with casing scraper to $\pm 2700'$. POOH.
2. RIH with treating packer to ± 2650 psi. Load annulus and set packer. Test casing to 3350 psi. Release packer and POOH.
3. MIRU stimulation company. ND BOP, NU frac valve to 5 1/2" casing. NU surface lines and test to 4000 psi. Fracture stimulate Yates down casing with 21,350 gallons of 50-Quality CO₂ foam and 83,000 lbs of 12/20 mesh Brady sand.

Treating Rate = 30 BPM
Anticipated Pressure = 1600 psi
Maximum Pressure = 3350 psi (70% of rated)

Stage	Fluid	PPG	Volume (Gal)
Pad	50-Q Foam	0	7300
1	"	2	1600
2	"	4	2300
3	"	6	5500
4	"	8	4700
Flush	"	0	± 2750

Shut well in for 60 minutes then flow back on 16/64" choke.

4. When well dies, ND frac valve, NU BOP. RIH with bit and clean out hole with foam. POOH.
5. RIH with MA, perforated sub, SN, and production tubing to $\pm 2800'$. Deliver 3/4" grade KD rods to location. RIH with 2.5" x 1.25" x 16' pump and rods. Space out and clamp off.
6. Production personnel will set pumping unit and lower tubing in 10 days.

Approved: _____ Date: _____
T. J. Harrington