



31. Perforation Record

2 holes per foot 3478-3474' (total 10 holes)

Perf'd 3438-3434'
3423-3421'
3363-3360'
3335-3328' (total 24 holes)

Set wireline bridge plug @ 3465' with 1 sack cement on top.

Set cast iron brige plug @ 3260' with 1 sack cement on top.

Perf'd 3228-26'
3207-05'
3133-30' (total 10 holes)

32. Acid, Shot, Fracture, Cement Squeeze, Etc...

Depth Interval	Amount and Kind Material Used
3478-3378'	spotted 100 gal. 15% acid
3438'-3238'	spotted 200 gal 15% mud acid frac well w/15,000 gal gel water, 24,000# 20-40 sand, 4000# 10-20 sand
3328'-3438'	acidized with 2500 gal. 15% NEA, dropped 5 RCN ball sealers after each 5 barrels of acid.
Bottom of tubing	spotted 100 gal. 15% NE acid
3130-3228'	frac perf's with 15,000 gal 30# gel, 24,000# 20-40 sand, 6000# 10-20 sand

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