

Dually completed as Undesignated Oil and Jalmat Gas as follows:

1. Pulled 2-3/8" tubing and reran with 6-1/8" bit. Drilled out cement from 3650-3885'. Pulled tubing and bit.
2. Ran 35 joints (1002') 4-1/2" OD 12.24# Gr J-55 Hydrill FJ liner on 2-7/8" tubing with washdown float shoe or bottom at 3885' and Texas pattern inverted shoe at top at 2878'. Cemented with 100 sacks cement, left 10' cement on shoe. WOC.
3. Tested 7" casing and 4-1/2" liner with 2000# for 30 minutes, OK. Perforated 4-1/2" liner from 3808-3830' with 4, 1/2" jet holes per foot. Ran 2-3/8" tubing set at 3833'. Washed perforations in 4-1/2" liner from 3808-3830' with 250 gallons mud acid. Raised tubing at 2820'. Treated formation thru perforations in 4-1/2" liner from 3808-3830' with 6000 gallons gelled lease oil with 1# sand per gallon. Injection rate 17.1 bbls per minute. Lowered tubing at 3833'. Swabbed and well kicked off.
4. Pulled tubing. Ran steel line measurement to 3882'. Perforated 4-1/2" liner from 3870-3880' with 4, 1/2" jet holes per foot. Ran 2-3/8" tubing with parent packer at 3863'. Treated formation thru perforations in 4-1/2" liner from 3870-3880' with 250 gallons 15% MC acid. Injection rate 2 bbls per minute. Swabbed.
5. Pulled tubing and packer. Ran 2-3/8" tubing set at 2854'. Treated formation thru perforations in 4-1/2" liner from 3808-3880' with 10,000 gallons gelled lease oil with 1# sand per gallon. Injection rate 24 bbls per minute. Treated formation thru 4-1/2" liner perforations from 3808-3830' with 3000 gallons gelled lease oil with 1# sand per gallon. Injection rate 24 bbls per minute. Swabbed and well kicked off.
6. Set 4-1/2" production packer on wire line at 3775'. Ran 2-3/8" tubing and latched into packer and tested with 1000#, OK. Pulled tubing.
7. Perforated 4-1/2" liner from 3252-3280', 3288-3320, and 3346-3366' with 2, 1/2" jet holes per foot. Ran 122 joints 2-3/8" tubing with GOT circulating valve in open position at 3730'. Spotted 500 gallons mud acid over perforations in 4-1/2" liner from 3252-3366'. Swabbed and well kicked off.
8. Closed circulating valve at 3730'. Jalmat Gas flowed at a rate of 2470 MCF with 600# back pressure. Undesignated Oil flowed thru 2-3/8" tubing and Jalmat Gas flowed thru 4-1/2" casing.