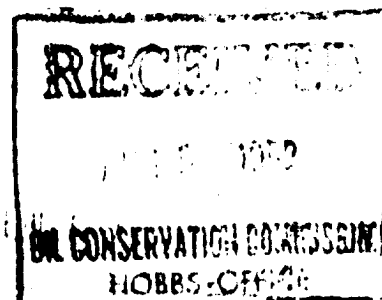


Lea State AV #1



Ran 280 joints 11,960' of 7" OD 8 RT 32# N-80 29# N-80 26# S-95 & 29# S-95 SS casing. Set and cemented at 11,974' w/150 sacks 4% gel Trinity inferno cement. Plug at 11,886' - completed at 5:00 PM July 23rd. WOC 6 hours. Ran HOWCO temperature survey at 11:00 PM 23rd, top cement at 10,950'. Perforated 7" casing by HOWCO w/2 - 7/16" bullet holes at 10,880'. Started circ w/600# pressure at 2:00 AM 24th. 13 hrs cut off 7" casing and nipple up. Ran HOWCO cement retainer on 2-3/8" tubing. Set HOWCO DM retainer at 10,830' and cemented thru 2-3/8" tubing & perforations in 7" casing at 10,880' w/825 sacks 4% gel Trinity slow set cement. Displaced cement w/41 bbls water. Backed off from retainer, picked up tubing to 10,820'. Back washed approximately 2 sacks cement, completed at 6:15 PM 25th. Gulf temperature survey at 6:00 AM 26th. found top cement at 6470' from rotary bushing. Perforated 7" casing by HOWCO w/2 - 7/16" bullet holes at 6420'. Went in hole w/HOWCO 7" casing knife and cut 7" casing at 4403'. Pulled out of hole at 4:00 PM 27th. Rigged up and pulled 91 jts & 2 pes 4389' of 7" OD 8 RT 32-29-26# SS casing. Completed at 2:30 AM 28th. Ran 2-3/8" tubing w/HOWCO DM cement retainer set at 4453' and cemented thru retainer and perforations in 7" liner at 6420' w/375 sacks of Trinity slow set cement. Displaced w/88 bbls mud to 6295'. Completed 8:30 AM 28th. Backed off from retainer and pulled tubing. Gulf temperature survey in 10 hours showed top cement at 4445', top 7" liner at 4403'.

Drilled out HOWCO retainer at 4453'. Circulated and cleaned out to 6295', top cement. Tested 7" liner top w/2000# pressure for 30 minutes. There was no drop in pressure. Drilled cement from 6295' to 6420'. Cleaned out to 6430'. Tested perforations in 7" liner at 6420' w/2000# pressure for 30 min. There was no drop in pressure. Cleaned out to 10,820', drilled cement HOWCO DM retainer at 10,830' and cement from 10,830' to 10,880', cleaned out to 10,900'. Tested perforations in 7" liner at 10,880' w/2000# pressure for 30 minutes. There was no drop in pressure. Cleaned out to 11,870', top cement plug. Drilled out cement from 11,880' to 11,973' completed at 7:30 AM 31st. Tested 7" liner w/2000# pressure for 30 minutes. There was no drop in pressure. Job completed 2:30 PM July 31, 1952.

After approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to complete well.