

RECORD OF PRODUCTION AND STIMULATION

Washed formation 13,614' - 13,700' w/500 gallons mud acid.
Then injected 1500 gallons mud acid.
Treated thru perforations w/3000 gallons 15% LST acid.
Treated w/5000 gallons acid (2000 gallons 20% + 3000 gallons 15%).
Treated w/3000 gallons 20% LST & 7000 gallons 15% LST acid.
Treated thru perforations w/20,000 gallons (5000 gallons 20% LST +
15,000 gallons 15% LST).

Results: In 24 hours swabbed 330 BF, cut 18% water.

Plugged back to 13,490'.

Washed casing perforations 13,366' - 13,438' w/500 gallons mud cleanout
agent. Injected 1500 gallons mud cleanout agent.

Results: On OPT flowed 2078 BOPD (based on 390 BO in 4 1/2 hours) out 0.1% BS,
no water, thru 20/64" choke. Gravity 66.8 deg. GOR 253.

State PA-1
Geological Survey

Attachment for Form 1-103

RESULTS OF ANALYSIS

Analysis of 1500 ml. of water and acid.
In 1500 ml. of water and acid.
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Results: In 1500 ml. of water and acid.

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