Page 2 Continuation of Form C-103

a D. A. & S. double drum unit was moved in and rigged up. The tubing was pulled, the packer removed, and the tubing rerun with a Brown straddle packer arrangement set across the perforations from 7890 to 7920 feet. After finding that the fluid level dropped slowly when the tubing was loaded with water the packers were released and then could not be reset. Small fragments of cast iron apparently from the bridge plug previously set were found in the straddle packers when removed. Another bridge plug was set at 7920 feet to assure complete shut off of the lower zone. A Brown SUS packer was run on the tubing and set at 7880 feet. The perforated interval from 7890 to 7920 feet was treated with LOOO gallons of Loco-Frac containing 4000 pounds of sand at a maximum injection pressure of 6500 psi and a rate of 3.2 barrels per minute. The casing pressure indicated communication between the two perforated intervals with the pessibility that sand may have accumulated above the packer in the asing annulus. After pulling the swab line in two an attempt was made to pull the tubing and packer. The packer stuck after being raised 35 feet. Approximately 5 days were spent in recovering part of the 3500 feet of swab line before the double drum unit was moved out and a Darrell W. Smith jack-knife workover rig mwas moved in. Seven additional days were required to recover the remaining wire line, swab, tubing, and packer by a series of fishing, washing, and drilling operations. A Brown B-4 packer was run on the tubing and set at 7828 feet. when swabbing was resumed the ssab was stuck again and 3000 feet of line left in the tubing. An attempt to remove the packer failed. Approximately 16 days were required to fish, mill, and drill out the swab line and packer using a varied assortment of tools and techniques. The tubing was run and set at 7904 feet, without a packer, and the well was swabbed dry with no shows of oil or gas. perforations were washed with 1000 gallons of Western regular acid at an injection pressure of 2600 psi and a rate of 1.1 barrels per minute. The well was swabbed at a low recovery rate and poor showing of oil. A Baker bridge plug was set at 7885 ffeet with 10 feet of cement spotted on top. A Sweet hookwall packer and wilson holddown were run on 2-1/2-inch tubing and set at 7818 feet. The interval from 7845 to 7870 feet was washed with 500 gallons of Cardinal mud acid and then treated with 6000 gallons of refined oal and 9000 pounds of sand with a maximum pressure of 5000 psi at an injection rate of 6.7 barrels per minute. The 2-1/2-inch tubing and packer were removed and 2-inch tubing run and set at 7845 feet. Swabbing tests indicated very poor recovery rates and the tubing was pulled. A 4-3/4-inch bit was run and the plugs at 7875 to 7885 feet, 7920 feet and the production packer at 7925 feet were drilled and the hole cleaned to 8042 feet. The 2-inch tabing was run and set at 8016 feet with a tubing anchor at 6775 feet. The workover rig was released and moved off location. Company unit 8316 was moved in to run the rods and place the well back on pump.

The well pumped at a rate of 14 barrels of oil per day plus fifty per cent water from July 29, 1954 until September 22, 1954 before the load oil was fully recovered.

On production test after the load oil was recovered, the well pumped 18.63 barrels of oil and 24.14 barrels of water with a gas-oil ratio of 1027.

Humble Oil & Refining Company Box 2347 Hobbs. New Mexico Name X M Sillelli

Position District Chief Clerk

jmb

n grafi. National seed in **are about to de** approxima

് പ്രത്യായില് പ്രത്യായി ത്രീ പൂർത്തുന്നത്. പ്രത്യായില് വിശ്യാഹം വരുന്നു വിവരം വരുന്നു. വിവരം വരുന്നു വിവരം വരു grand of the Alexander of the fact of the same of the action and the contract of the contract of the contract of ారం ఇండాకు వి**తిగ**ు కడిమన్ను కన్ని చేశకుని ఉందుకునికి అక్షన్ను పాటి సముధ్య కండా నియుత్తున్నాను కున్నారు. ఇందు ఉంద ఎందుకోవి ఎందుని మందుని మండుకున్నా తాములు కునిమంది అందు కురిమంది మేది. అందుకున్న నుండి ఇంటిమంది ఉన్నాయిన ఇందు సమ The Court of the Court of the South of the Court of the C and the terms of the end of the finite of the second of the terms of the finite of the finite of the second of the per to read courters sout it in hower come. I have did such man ren on the captains and the or the captain and come the captain in the content of the conten the rest of the trace of the contract of the property of the state of our we can include and a late and an expension and the contraction are a compared to the contract of e mannication bear and the two perior as and average with a corresponding the court and the following sea while the color will be selected and the guide of the compact of the colors of the colors of ന്ന് പ്രത്യം നിരുത്തിൽ നിന്ന് അതിയ നേത്ത്യോ അതിന്റെ അതിന്റെ ആരുന്നത്. അതിന്റെ അതിന്റെ അതിന്റെ അതിന്റെ അതിന്റെ were the sail uses to test deep at the fine matrix loss at mark even a thresholders a a ven com governo diferencial dime ... livrete a amb december describite described a. Syren electrical description of the feath of the result of the residence with a law, and girler . ing pack in the region of film by, westing, and arise as been ables. In brown one income non the same and the same are for the same of the har securities are remarked the same of the same of the Company to the control of the sentence of the a contract to the second regulary of the plant of the certain out the certain and pecial where a version apportant of today as a factor given. The turing was run and the configuration and a second of the company of the cold and serior for her walke, with 1000 galloss or assembly said at an leg or or order The service of the condition of the service of the rice in participating on its a second or has a consecutive and the participation of the first participation of the second or the ക്കുന്ന 🕶 മാരത്ത് ആയ അതിക്ക് അവില് അമരുടെ ത്രെ 11 ആരുക്കാര് കേരുക്കുന്നു. എന്നു വരുക്കുന്നു വരുക്കുന്നു വരുക്കുന്നു. there is not a file look. The inverse true Whit he Tay was absect to fire to take the base and the continue to ending book the transfer and the base because the per the constant mederate of fine pai is an injected a self had worse to the the z-1/2 inch bubing and poeser were removed and z-inch busing run and set at 1-15 that. embelous tests indicated v.r. goor recover, rates and this tubing was purion. A phylomidal it was run and the pluy a at 7875 to 7885 feet, 7926 feet and tad production, actor as 7925 feet were drilled and the hole cleans to don't feet. The 2-1.cn tabing was run and cot at Eció foca wit a tabing anchor at 6/75 fect. The sortover rig was released and LOV 3 OFF 100 thou. Company anit 8310 380 1900 in to run the 1018 and place one wall . godfi HO -Ox

The molt pumped at a tone of it barrers of oil por any plas fifty por comb too remembed 29, 1954, until deptember 21, 1956, before the load oil was fully recevite.

un production test after the ion, oil and possered, the well pumped it to periois of oil and 24.14 ps. roi, of when a periois of rediction of which a period of 1027.

lange spaintion of the along

i Sertico de la composición del composición de la composición de la composición de la composición del composición de la composición del composición de la composición del com

mais mile columns political

. . .