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NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe. New Mexico

(Form C-104) Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWAPLE

Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Natural Prod. Test: bbls.oil, bbls water in hrs, min. Size Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): bbls.oil, bbls water in hrs, min. Size GAS WELL TEST - Natural Prod. Test: bbls.oil, bbls water in hrs, min. Size (Four Ace) Natural Prod. Test: bbls.oil, bbls water in hrs, min. Size GAS WELL TEST - Natural Prod. Test: MCF/Day; Hours flowed Choke Size Natural Prod. Test: MCF/Day; Hours flowed Choke Size Method of Testing (pitot, back pressure, etc.): Test After Acid or Fracture Treatment: 6367 MCF/Day; Hours flowed 3 Choke Size 3/4" Method of Testing: Calculated A.O.F. Choke Size 3/4" Method of Testing: Calculated A.O.F. Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 59.705 gal. water, 60.000 sand; 53.104 gal. wtr, 60.000 sand; 53.10	a morale soc	k tanks. Qu. me	Farmington, New Mexico September	r 1, 1964		
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7-28-64 Pulled 173 joints tubing, left 3 joints in hole, top of fish at 5283'.
Running casing inspection log.

7-29-64 Found bad casing from 650' to 900'. Set bridge plug at 4620', set fullbore packer at 606', pumped in slowly building to 2000#, bled back to 250#. Set packer at 819', held 2000# pressure. Perforated 4 squeeze holes at 685', gauged 5466 MCF/D after blowing through squeeze holes for 1 hour. Broke circulation through bradenhead. Set packer at 606', squeezed w/100 sacks 50/50 Pozmix, 2% calcium chloride, 300# pressure, released packer. Well making same amount of gas.

7-30-64 Re-set packer at 606' and re-squeezed w/200 sacks regular cement, 2% calcium chloride, standing pressure 650#. W.O.C. 12 hours, released packer, squeeze job holding. Top of cement at 630', drilled out at 700'. Mixed mud, lost

circulation.

7-31-64 Drilled bridge plug at 4620', cleaning out open hole.

8-3-64 Mixed and ran salt jel plug.

17

8-4-64 Full circulation after running salt jel plug, drilled plug. Ran 166 joints 4 1/2", 10.5#, J-55 casing (5382.99') set at 5392.99' w/250 sks. 50/50 Pozmix, 1/8# Flocele/sk. Top of cement by temperature survey at 3890'. Set casing slips w/46,000#.

8-5-64 Perf. 5242-54, 5274-80, 5290-96, 5310-16, 5332-38 w/2 SPF, frac w/59,706 gal. water, 7# J-2/1000 gal., 60,000# 20/40 sand, flushed w/4500 gal. water, I.R. 47.9 BPM, Max. pr. 3500#, BDP 8000#, tr. pr. 1700-1950#. Dropped 2 sets of 16 balls each, well on vacuum. Set bridge plug at 4950'. Perf. 4800-12, 4832-44, 4862-78 w/2 SPF, frac w/53,194 gal. water, 7# J-2/1000 gal, 60,000# 40/60 sand, flushed w/3276 gallons water. I.R. 48.5 BPM, Max. pr. 3500#, BDP 1200#, tr. pr. 1800-2000#. Dropped 2 sets of 24 balls each. 50# increase on first drop, 200# on second drop. ISIP 300# to vacuum.

8-7-64 Drilling bridge plug, pushed same to 5362'. Blowing sand and water.
8-8-64 Ran 161 joints 2 1/16", 3.25#, J-55 upset flush joint tubing (5322.76')
landed at 5332.76'.

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