

Form 9-331 a  
I C 031621 (b)  
H. M. Britt B-18 No. 5  
Continental Oil Company

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OIL CONSERVATION COMMISSION  
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Attachment

Remedial work was performed on Britt B-18 No. 5 as follows:

The well was reamed to total depth (3677) with a 4 3/4" bit and a radio-activity survey and a spinner survey were run. A 4" OD liner was set on bottom and cemented with 50 sacks cement and 8 sacks Wellite with top of liner at 3717'.

The liner was perforated from 3666 to 3672 with 24 holes. Two inch tubing was run with a packer set at 3755 and the well swabbed 76 barrels sulphur water, no oil, in 18 hours. A retainer was set at 3846 and the perforations squeezed with 50 sacks cement with 2500/ pressure.

The liner was perforated from 3639 to 3644 with 20 holes. Two inch tubing was run with a packer set at 3747. After swabbing the hole dry, it was acidized with 500 gallons acid. The well then swabbed and flowed 160 barrels fluid cut 95% water in 16 hours. A retainer was set at 3635 and the perforations squeezed with 50 sacks cement.

The liner was perforated from 3626 to 3631 with 20 holes and tubing was run with a packer set at 3751. The well flowed 33 barrels oil and 133 barrels water in 24 hours. After acidizing with 500 gallons acid, swabbed 70 barrels water, no oil in 3 1/2 hours. A retainer was set at 3719 and the perforations squeezed with 50 sacks cement with 3,000/ pressure.

After drilling out cement and retainer to 3622 the liner was perforated from 3614 to 3618 with 16 holes. Two inch tubing was run with a packer set at 3748 and the well swabbed 21 barrels fluid with a slight rainbow oil show in 8 hours. The perforations were squeezed with 50 sacks cement with a retainer set at 3611.

The liner was perforated from 3600 to 3606 with 32 holes and tubing was run with a packer set at 3777. The well swabbed 43 barrels water with very light show oil in 10 1/2 hours. A retainer was set at 3720 and the perforations squeezed with 50 sacks.

After drilling out cement and retainer to 3797 the liner was perforated from 3785 to 3794 with 36 holes. The well swabbed 32 barrels fluid cut 70% water in 11 hours with a packer set at 3764. After acidizing with 500 gallons the well swabbed 18 barrels fluid cut 95% water in 3 1/2 hours. The perforations were squeezed off with 50 sacks with a retainer set at 3781.

The liner was perforated from 3765 to 3777 with 48 holes. Two inch tubing was run with a packer set at 3760 and the hole swabbed dry. After acidizing with 500 gallons the hole swabbed dry. The hole was reacidized with 1,000 gallons and again swabbed dry. A bridging plug was set at 3760.

The liner was perforated from 3751 to 3756 with 20 holes. Two inch tubing was run with a packer set at 3730 and the hole swabbed dry. The formation was acidized with 500 gallons and then swabbed 1 barrel fluid per hour for 9 hours cut 28% water. After reacidizing with 1,000 gallons the well flowed 1 barrel fluid per hour for 6 hours cut 28% water. A bridging plug was set at 3747.

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Attachment - Page No. 2.

The liner was perforated from 3725 to 3732 with 28 holes and from 3739 to 3744 with 20 holes. Two inch tubing was run with a packer set at 3709 and the hole snabbed dry. Attempted to acidize the formation with 500 gallons acid with 1500# pressure for 4 1/2 hours. After snabbing out acid the liner was reperforated from 3735 to 3732 and from 3739 to 3744. The tubing was rerun with a packer set at 3709 and the hole acidized with 500 gallons acid. The well then flowed 46 barrels fluid cut 65 water in 15 hours. The two inch tubing was rerun to 3696 with gas lift valves set at 2010, 2860, 3337 and 3655 with a packer set at 3660.

On initial potential the well flowed by gas lift 40 barrels oil and 5 barrels water in 24 hours. GOR 2580. Tubing pressure 200#. Casing pressure 650#. The input gas is from Britt B-18 No. 6 gas well.

Workover commenced: 11-22-50

Workover completed: 1-3-51

Well tested: 1-9-50.