## W. D. Grimes (East) No. 3

## Repaired 5-1/2" and 7" casing leaks as follows:

- 1. Set bridge plug in base of 5-1/2" casing.
- 2. Using retrievable cementer found bottom leak in 5-1/2" casing between 3589' and 3775'. Top leak between 489' and 499'.
- 3. Ran cement retainer set at 3562. Had circulation on 5-1/2., 7, and 9-5/8 casing. Displaced water with mud. Pumped approximately 750 sacks cement thru tubing. Circulated estimated 70 sacks out 9-5/8 casing then shut in. Circulated estimated 50 sacks out 7 casing then shut in and performed bradenhead squeeze. Tubing pressure 1250%. casing pressure 1000%. Displaced tubing with 9 barrels water. Pulled tubing. Connected to 13-3/8 bradenhead and cemented with 500 sacks. All casings and bradenheads shut in.
- 4. Waited on cement.
- 5. Ran bit to top cement at 683'. Pressured 5-1/2" casing. Would not held 1000%. Drilled cement in 5-1/2" casing 25'. Pressured up on 5-1/2" casing. Found leak at 653' with circulation out 5-1/2" 7" amulus.
- 6. Cemented 5-1/2" 7" annulus with 70 sacks. Pumped 5-1/2" plug to 480°. Circulated approximately 20 sacks cement out of 5-1/2" 7" annulus.
- 7. Waited on cement.
- 8. Tested 7" casing with 1000 psi for 30 minutes. No drop in pressure.
- 9. Drilled out cement and retainer.
- 10. Tested 5-1/2" casing with 1000 psi for 30 minutes. No drop in pressure.
- 11. Returned well to production.

## E will fresh, sorthing it is

## างสมาน์เอริกม สมเธอโกลเลือด <sup>1</sup>กักรถ ก็ไม่⊷ี่ไดก และรา

- .grinar "AL-2 io exas at suffa explicat a.C .?
- 2. Sing redgrivestin sementer found hottom lock in 1-1/20 casts, helder 3/19/1 and 3-19/1. The less between 1991 and 1991.
- - a. Jakiet n cemena.
- Rest bis to top describes 6831. Imperso (+167% pastion done not possible in 200%).
  Rollé 1909 . Pribled descent in p-1/2° casion 90%. In ensire to positive (+2/2° casion. Numb 1988 at 693) with circular out (+2/2° + 200 casion.)
  - . Seconded  $n=3/n^n=7$  isolater with 70 cours. Facined  $j=1/2^n$  plus so by the Circled spaces induced second  $j=1/n^n=3$  or radius.
    - . Torse so herist .
- thate. If execution is a sound of the first term of the second second is
  - Tadisser one seems use teilist
- A. Toptes [+1/20 outing with 1990 and for 30 minutes. No wook a messur...
  - . The interest of the property of . It