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<pre>w/200 sx CL "C" w/56% wtr and 1% CF-1 and 1% CdC1₂ to 3,000#. Stilling out of retainer and TOH w/tbg. (Continued page 2) 14. I hordby ceruity that the foregoing is true and correct Signed A. M. Carl A. Baqwell Title Engineering Technician Date 10/23/91 (This space for Federal or State office use) Approved by Title Title Date Date Date Date Date Date Date Date Date Date</pre>	w/200 sx CL "C" w/56% wtr and 1% CF-1 and 1% CAC1 ₂ to 5,000#. Stilling out of retainer and TOH w/tbg. (Continued page 2) 14. I hardby ceruity that the foregoing is true and correct Signed A. Concurrent A. Baqwell Title Engineering Technician Date 10/23/91 (This space for Federal or State office use) Approved by Title Title Title Title Date 10/31/91	annulus. 1,500# a annulus. retainer	ND wellhead. NU pretested BOP, and test csg, BOP flange and pipe Release pressure. Release pkr c, 2 7/8", 6.5#, N-80 workstring	rams for 5 min. Mor + TOH + LD 2 3/8" 1 (test tbg to 5,000# v	nitor 9 5/8" x 5 1/2" PC tbg. TIH w/5 1/2" while TIH). Set retainer
14. I hordby certify that the foregoing is true and correct Signed A. A. Carl A. Baqwell Title Engineering Technician Date 10/23/91 (This space for Federal or State office use) Approved by Title Conditions of approval, if any:	14. I hereby certify that the foregoing is true and correct Signed A. Conductories Signed A. Conductories (This space for Federal or State office use) Date 10/23/91 Approved by Title Conditions of approval. if any: Title	w/200 sx retainer	CL "C" w/56% wtr and 1% CF-1 and and TOH w/tbg.	ion rate and squeeze i 1% CaCl ₂ to 3,000#	. Sting out of
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	This 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent state	Approved by		<u></u>	
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*See instruction on Reverse Side

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- 4. If in Step (2) it was found that there was a casing leak above the packer, TIH w/5 1/2" RITS pkr and locate and squeeze casing leak w/same cmt or as injection rates and pressure dictate. TOH w/RITS pkr and tbg.
- 5. RU reverse unit. TIH w/4 3/4" bit, BS, 3-DC's and tbg. DO csg squeeze if one found in step 2. Test squeeze to 1,000#. DO Queen squeeze to 3,410'. Test to 1,000#. Swab tbg and csg down and determine if there is any fluid entry from squeezed perfs. DO 10' cmt and CIBP @ 3,420' and clean out to PBID of 4,171'. TOH w/tbg, DC's BS and bit. Fill hole w/water.
- RU wireline w/full lubricator. Test lubricator and flange to 1,000#. Perf w/4" gamma gun w/4 SPF W 3,932'-39', 3,968'-79', 3,991'-95, 4,021'-46' (total of 204 holes). TOH and RD wireline.
- TIH w/5 1/2" RTTS pkr and 2 7/8" tbg and set pkr @ ±3,800' pressure annulus to 1,000#. Acidized perfs w/4,700 gals 15% NEFE diverted w/306 BS. Flow down well. SWB load. SI overnight.
- 8. Run static BHP. Release pkr and knock balls off. Set pkr @ ±3,800'. Pressure annulus to 1,000#. Frac Grayburg w/30,000 gals, minimax 1B-30 and 47,000# 20/40 sand and 15,000# 20/40 resin coated sand as follows:
 - a) Pump 9,000 gals minimax 1B-30 as pad.
 - b) Pump 4,000 gals minimax IB-30 w/1 ppg 20/40 sand.
 - c) Pump 4,000 gals minimax 1B-30 w/2 ppg 20/40 sand.
 - d) Pump 5,000 gals minimax 1B-30 w/3 ppg 20/40 sand.
 - e) Pump 5,000 gals minimax 1B-30 w/4 ppg 20/40 sand.
 - f) Pump 3,000 gals minimax 1B-30 w/5 ppg 20/40 sand WP-4.
 - g) Flush w/930 gals base gel.

Air 15 BPM. Anticipated TP @ 2,580#. SI overnight.

- 9. Flow well down and swab test to determine if there is any sand flow back. Release pkr to TOH and LD 2 7/8" tbg.
- 10. PU 1 jt 2 3/8", 4.7# 8rd, EUE tbg w/BP on bottom, 4' perf sub, SN, 8 jts of 2 3/8", 4.7# 8rd, EUE tbg, 5 1/2" Baker TAC and finish out w/2 3/8", 4.7#, 8rd, EUE tbg. Set SN @ ±4,060'. ND BOP. NU wellhead. NU stripping head. TIH w/1.25" pump and rods. Seat pump. Hang well off. Place well on production.



700# AIR 20 BPM. 7/13/57 FLVD 58 BD + 0 BV 1/15/58 PLACED QUEEN ON PUMP.

10/26/61 ACIDIZED FROM 3346'-62', V/500 GAL 7-1/2', ACID + 55 CHE-PLEX MxTP 950# MnTP 900# SBP 0# AIR 4.7 BPM 10/27/61 PERF GRAYBURG 3935'-36', 4030'-31', V/4 SPF. 10/30/61 BROKE GRAYBURG DVN V/250 GAL MEC ACID. MxTP 3300# INJ RATE 17 BPM @ 4000# SIP 1700#.

JOHNSON "A" FEDERAL #4

