

ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100



February 4, 1986

Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Re: S. J. Sarkeys #3
Wantz Abo Pool
Unit 1, 23, 21S, 37-E

Mr. Jerry Sexton:

Concerning your letter dated 12-18-85, Jack Lowder, Engineer over subject well, had telephone conversation with you on January 16, 1986, and got verbal permission to proceed as shown on attached C-103.

The reasoning for the request was:

1. ARCO currently has down-hole commingling permit for the Drinkard and Blinebry.
2. Obtaining reservoir pressures and production rates would be a necessity in obtaining a triple down-hole commingling permit and would greatly speedup the application process.
3. The Wantz Abo could be easily isolated while testing the other two (2) zones.
4. The Wantz Abo is to be isolated with RBP and the down-hole commingled Drinkard and Blinebry is to be rod pumped during the application process for triple down-hole commingling.

The Wantz Abo was produced under a packer thru January 13, 1986. On January 14, a RBP and packer was used to obtain reservoir pressure and production rate for the Drinkard.

We are currently in the third step and last zone (Blinebry) to be tested. A 72 hour pressure buildup was started 2-1-86. After the buildup, the Blinebry is to be stimulated and swab tested for a production rate. Lastly, the Wantz-Abo will be isolated with a RBP and the down-hole commingled Drinkard and Blinebry will be rod pumped until such time a triple down-hole commingling permit is obtained.

If you have any questions, please call 915-684-0312.

Ken W. Gosnell

Ken W. Gosnell

Engr. Tech. Spec. ARCO Oil and Gas Company is a Division of Atlantic Richfield Company

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OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

3a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
3. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		8. Farm or Lease Name S. J. Sarkeys	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 3	
4. Location of Well UNIT LETTER <u>I</u> <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>330</u> FEET FROM THE <u>East</u> LINE, SECTION <u>23</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> NMPM.		10. Field and Pool, or Wildcat Blinebry/Drinkard	
15. Elevation (Show whether DF, RT, GR, etc.) 3405' GR		12. County Lea	

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐PLUG AND ABANDON ☐
CHANGE PLANS ☐REMEDIAL WORK ☐
COMMENCE DRILLING OPERATIONS ☐
CASING TEST AND CEMENT JOBS ☐ALTERING CASING ☐
PLUG AND ABANDONMENT ☐OTHER Re-enter Wantz Abo zone, Perforate ☒

& Acidize Wantz Abo, Drkd & Blinebry

17. Describe the Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

1. RU, POH w/rods & pump. NU BOP. POH w/tbg.
2. RIH w/4-3/4" bit, DO cmt retr @ 6650', cmt & CIBP @ 6800'. CO to orig PBD7320'. POH. Run GR-CNL from PBD to TOC @ 5330'.
3. Perf Wantz Abo (approx 40 holes), Drinkard (approx 10 holes) & Blinebry (approx 5 holes) w/1 JSPF using 3-1/8" gun. RIH w/FBRC pkr, set @ 6710'. Acidize Wantz Abo perms w/3500 gals 15% NEFE HCL, flush to btm perf w/2% KCL. Swab test. Run Base GR-TS.
4. Acid frac Wantz Abo w/17,500 gals 15% NEFE gelled acid tagged w/liquid RA mat'1 & 17,500 gal CO₂ (50% CO₂). Procedure to be determined after log evaluation. Flush to btm perf w/2% KCL w/50% CO₂. Run GR-TS. Flow/swab test.
5. POH w/pkr. RIH w/RBP & pkr, set RBP @ 6680', pkr @ 6200'. Acidize Drinkard perms w/3500 gals 15% NEFE HCL, flush to btm perf w/2% KCL. Swab test.
6. Rel pkr & RBP. Reset RBP @ 5925', pkr @ 5550'. Acidize Blinebry perms w/3000 gals 15% NEFE HCL, flush to btm perf w/2% KCL. Swab test.
7. Rel pkr & RBP, POH. RIH w/CA. ND BOP. Run pump & rods. Return to production.

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D. DEES - MIDLAND

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

CENTRAL FILES

SIGNED W.D. McDaniel TITLE Dist Drlg. Supv. DATE 10/25/85ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISORAPPROVED BY _____ TITLE _____ DATE OCT 29 1985

CONDITIONS OF APPROVAL, IF ANY:

APPROVED PERMIT