

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Free <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator AMOCO PRODUCTION COMPANY	8. Farm or Lease Name McQuatters
3. Address of Operator P. O. Box 68, Hobbs, NM 88240	9. Well No. 3
4. Location of Well UNIT LETTER <u>B</u> <u>700</u> FEET FROM THE <u>north</u> LINE AND <u>2230</u> FEET FROM THE <u>East</u> LINE, SECTION <u>11</u> TOWNSHIP <u>21-S</u> RANGE <u>36-E</u> NMPM.	10. Field and Pool, or Wildcat Hardy Blinebry
15. Elevation (Show whether DF, RT, GR, etc.) 3538' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>fracture stimulate Blinebry</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1105.

Propose to fracture stimulate the Blinebry horizon as follows:
Pull rods and pump (use clean 2% KCL fresh water to kill well). Release tubing anchor, lower tubing, and latch onto retrievable bridge plug set at 6417'. Pull tubing and retrievable bridge plug. Run in hole with 10000 psi differential retrievable bridge plug, treating packer, and 2-3/8" N-80 workstring. Set retrievable bridge plug at apx. 6417'. Raise tubing and set packer at 5830'. Run before treatment GR/temp. survey from PBTD (apx. 6417') to 5600'. Frac down 2-7/8" tubing with 11200 gal of 30# gelled 2% KCL fresh water with additives, 4800 gal CO2, and 21500 lb of 20/40 Ottawa sand. Tag all sand with solid RA material. Pump job at 15 BPM. Flush with 1470 gal non-cross-linked gelled 2% KCL fresh water containing 630 gal CO2. Run after treatment GR/temperature survey from PBTD-5600'. After well has been shut-in for 2 hrs. flow back well and evaluate productivity. Release packer, lower tubing and latch onto retrievable bridge plug set at 6417'. Raise tubing and set retrievable bridge plug at 5870', set packer at 5620'. Run before treatment GR/temp. survey from 5870'-to 5400'. Frac upper Blinebry perms down 2-7/8" tubing with 16000 gal total fluid(11200 gal of 30# X-L gelled 2% KCL fresh, 4800 gals CO2 (30%), and 22500 lb of 20/40 Ottawa sand) Pump at 15 BPM. Tag all sand with solid RA material. Flush with 1414 gal of gelled 2% KCL fresh water containing 606 gal CO2. Run after-treatment GR/temperature survey from retrievable bridge plug at 5870' to 5400'. After well has been shut-in for at least 2 hr. flw back and evaluate productivity.
O+5-NMOCd,H T-R. E. Ogden, HOU Rm. 21.150 1-F. J. Nash, HOU Rm. 4.206 1-GCC

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

SIGNED Harry C. Clark TITLE Assist. Admin. Analyst DATE 3-26-84

APPROVED BY JOEY SEASON

DISTRICT SUPERVISOR

APPROVED BY _____ DATE MAR 30 1984

CONDITIONS OF APPROVAL, IF ANY:

Swab if necessary. Release packer, drop down and latch onto retrievable bridge plug. Lower RBP and set at 6420'. Pull tubing and packer. Run in hole with production string, 2-7/8" tubing, seating nipple, and tubing anchor for 5-1/2" casing. Land seating nipple at 6380' and set anchor at 6282' (if no sand recovery while swabbing and flow testing). Do not run tubing anchor if sand is recovered during cleanup. Run rods and pump. Pump test to evaluate production. After production has stabilized obtain sonolog.

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