

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 checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-5104	

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 type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		7. Unit Agreement Name
2. Name of Operator Amoco Production Company		8. Farm or Lease Name State FQ Gas Com
3. Address of Operator P. O. Box 68, Hobbs, New Mexico 88240		9. Well No. 1
4. Location of Well UNIT LETTER <u>N</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>26</u> TOWNSHIP <u>23-S</u> RANGE <u>34-E</u> NMPM.		10. Field and Pool, or Wildcat Atoka Antelope Ridge Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3441' GL		12. County Lea

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 <input checked="" type="checkbox"/> fracture stimulate	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 Morrow to increase production per the following:

Rig up swab unit and kill well if necessary with clean 9# brine containing 2% KCL, 3 gals/1000 gals Claymaster-3, and 1 gal/1000 gals FS-2 surfactant. Load backside with clean 9# brine with 2% KCL and maintain 2000-3000 psi on backside during job as necessary. Install a tree saver. Frac down the tubing with 6500 gals of gel, 6500 gals of CO2, containing 16500# of 20/40 WestProp 1 intermediate strength, proppant. An injection rate of 8-10 BPM can be achieved with an est. max. surface treating pressure of 8300 PSI. Stage as follows:

- A) 3500 gals Polaris 40 gel and 3500 gals of CO2 pad.
- B) 750 gals Apollo 40 gel with 2.0#/gal of gel 20/40 West Prop 1 and 750 gals of CO2.
- C) 1000 gals Apollo 40 gel with 5#/gal of gel 20/40 West Prop 1 and 1000 gals of CO2.
- D) 1250 gals Apollo 40 gel with 8#/gal of gel 20/40 West Prop 1 and 1250 gals of CO2.
- E) Flush with 1575 gals of Non-Crosslinked Apollo 40 gel and 1575 gals of CO2.

0+4-NMOCD,H 1-HOU 1-F.J.NASH, HOU 1-CMH

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

SIGNED Charles M. Seay TITLE Assist. Admin. Analyst DATE 3-29-83

ORIGINAL SIGNED BY EDDIE SEAY

APPROVED BY OIL & GAS INSPECTOR TITLE _____ DATE MAR 31 1983

CONDITIONS OF APPROVAL, IF ANY:

Shut-in well for 2 hrs to allow fracture to close and ge. to break. Using a variable choke on tubing, begin to flow well back slowly so that the proppant is not crushed. If proppant returns are excessive, shut the well in for an additional 30 minutes to allow further crack healing. Swab back load, if necessary, and evaluate production. Keep well flowing (or swabbing) continuously until load is recovered.

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MAR 24 1983

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