

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

WMOU
Artec

Form C-103
 Revised 10-1-78

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease
 State Fee

5. State Oil & Gas Lease No.
 E-1686

7. Unit Agreement Name

8. Farm or Lease Name
 State Gas Com "BG"

9. Well No.
 1

10. Field and Pool, or Wildcat
 Blanco Mesaverde

12. County
 San Juan

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. OIL WELL GAS WELL OTHER

2. Name of Operator
 Amoco Production Company

3. Address of Operator
 501 Airport Drive, Farmington, NM 87401

4. Location of Well
 UNIT LETTER F 1450 FEET FROM THE North LINE AND 1490 FEET FROM
 THE West LINE, SECTION 2 TOWNSHIP 29N RANGE 10W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
 5947' GR

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>open and stimulate menefee pay</u> <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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 1103.

Amoco Production Company requests approval to open and stimulate the Menefee pay zone according to the attached procedure.

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18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 Original Signed By
 B. D. Shaw
 SIGNED _____ TITLE Administrative Supervisor DATE 4-6-84

Original Signed by FRANK T. CHAVEZ
 APPROVED BY _____ TITLE SUPERVISOR DISTRICT # 3 DATE APR - 9 1984

CONDITIONS OF APPROVAL, IF ANY:

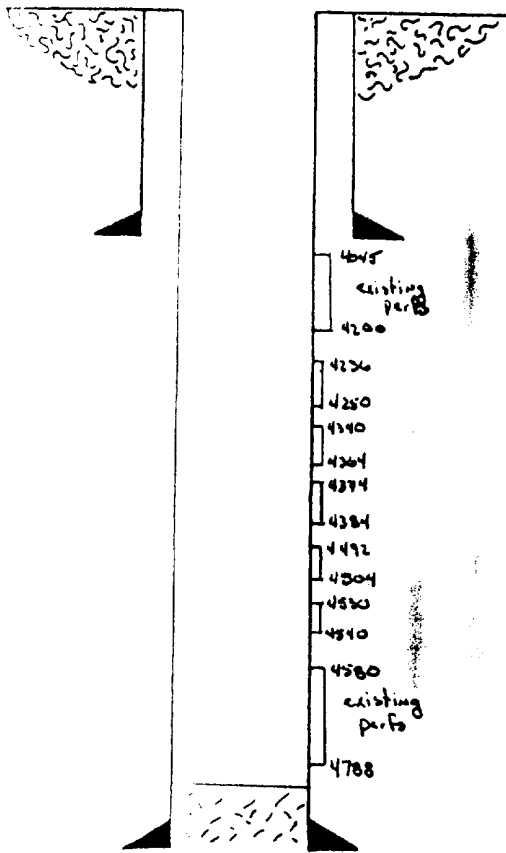
OPERATIONS TO BE PERFORMED: (Circle One) Recompletion Repair Service

LEASE AND WELL State Gas Com "BG" No 1 FIELD Blanco Mesaverde
 FORMATION Mesaverde LOGS IEL-GR
 LOCATION Section 2-E, T29N, R10W San Juan County, New Mexico
 COMP. DATE May 28, 1970 EL: 5947 TD: 7023 PBD: 5010
 CSG: 3 5/8" 24 # J-55 @ 368' 4 1/2" 10.5 # K-55 @ 7023'
 COMP. INT. 4045-4788 ORIG. STIM. 75,000 gal x 100,000 lb
 IP 1640 MCFD CURRENT PROD. INT. 4045-4788
 PURPOSE: Open and Stimulate Menefee pay

SDB TKA GOM LSP 5/PERMITTING DESK ENGR FILE

WELLBORE SKETCH

PROCEDURE



1. Kill well with 2% KCl water. Clean out to PBD and Trip out with tubing.
2. Wireline set a tubing retrievable bridge plug at 4570 feet
3. Perforate induction log intervals 4540-4530, 4504-4492, 4384-4374, 4364-4340, 4250-4236 with 2 JSPF.
4. Trip in with 2 7/8 inch tubing and packer. Set the packer at 4560 and pressure test the bridge plug to 3000 psi
5. Trip out and reset the packer at 4220 feet. Establish a rate of 20 BPM into the Menefee. Shut down for an ISIP.
6. Trip out and reset the packer at 4000 feet. Establish a rate of 20 BPM into the Cliffhouse and Menefee. Shut down for an ISIP.

DISTRICT SUPERINTENDENT _____
 DISTRICT ENGINEER Jim Attender
 DISTRICT FOREMAN DM
 ENGINEER Randy Rickford
 DATE 3-3-84

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7. Breakdown the Menefee by dropping 175 ball sealers as rapidly as possible. Re-establish a rate of 30 BPM into the Menefee and finish balling off by dropping an additional 140 balls at 3 balls per barrel.
8. Release the packer and trip in past the perfs to knock the ball sealers off the perfs.
9. Trip out and reset the packer at 3900 feet.
10. Frac the Menefee down tubing with 160,000 gallons of 20 lb gelled water containing 2% KCl, 1 gallon of surfactant per 1000 gal, and 180,000 lb of 10-20 sand. The last 30,000 lb of sand should contain .5mc of radioactive Sn per 1000 lbs.

	<u>Fluid</u>	<u>Slurry</u>	<u>Concentration</u>
A.	60,000 gal	60,000 gal	pad
B.	20,000 gal	20910 gal	1 PPg
C.	80,000 gal	87281 gal	2 PPg
D.	Flush with 25 bbls of 2% KCl water.		

11. Run a temperature survey and gamma ray tracer survey immediately after the frac.
12. Trip out with the tubing and packer.
13. Trip in with tubing. Clean out sand and retrieve the BP at 4570'.
14. Trip in with 2 7/8 inch production tubing and land at 4765 feet. Hook well into production facilities.

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Notes

1. The frac may be pumped in stages with ball sealers depending on differences between the ISIP of the Menefee and Cliffhouse. The decision will be made by the engineer prior to the frac.
2. AIR = 25-30 BPM
3. MAX Treating Pressure = 6000 psi
4. Use sufficient friction reducer in the KCl water to obtain a rate of 20-25 BPM during the breakdown and flush.

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DATE
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