

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or ~~convert to a different reservoir.~~  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

070 FARMINGTON, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

M&G DRILLING COMPANY C/O KM PRODUCTION

3. Address and Telephone No.

PO BOX 2406 FARMINGTON, NM 87499 (505)325-6900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

623 FSL & 1347 FWL  
SEC. 34, T28N, R11W

5. Lease Designation and Serial No.

SF078673

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SCHLOSSER #97

9. API Well No.

30-045-29482

10. Field and Pool, or Exploratory Area

PC BASIN FRUITLAND COAL

11. County or Parish, State

SAN JUAN COUNTY, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other FRUITLAND COAL PC  
COMPLETED
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PLEASE SEE ATTACHED REPORT.

RECEIVED  
OCT 27 1997  
OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title AGENT-PETROLEUM ENGINEER Date 10/17/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 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 statements or representations as to any matter within its jurisdiction.

NMOC

FARMINGTON DISTRICT OFFICE

\*See Instruction on Reverse Side

**M&G DRILLING COMPANY**  
**SCHLOSSER #97**  
623 FSL & 1347 FWL  
SESW, SECTION 34, T28N R11W  
SAN JUAN COUNTY, NEW MEXICO

**COMPLETION REPORT**

10-14-97 Move in and rig up Aztec Well Service Rig #376. Nipple up wellhead and nipple up BOP. Pick up used 3 7/8" bit and 2 3/8" 4.7 #/ft EUE yellowband used tubing. Tag PBTD of 1948 ft RKB. Shut well in. Shut down for the night.

10-15-97 Rigged up BJ services. Pressure tested casing and wellhead to 3000 psi, held OK. Circulate hole clean with 1% KCl water. Move tubing to 1890 ft. Spot 250 gallons of 7½% DI HCL acid. Trip tubing out of hole. Rigged up Blue Jet. Ran GR-CLL from 1948 ft PBTD to 1300 ft. Perforate lower Pictured Cliffs interval with 3 1/8" casing gun at 2 JSPF as follows:

1878 - 1890 ft	12 ft	24 holes	.34" diameter
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Trip fullbore packer in hole on tubing and set at 1252 ft. Broke down perforations at 1800 psi. Established an injection rate down tubing of 6.0 BPM @ 1300 psi, ISIP = 500 psi (FG = 0.70). Acidized lower Pictured Cliffs interval with 250 gallons of 7.5% DI weighted HCL acid containing 36 1.1 sg RCN ball sealers. Saw some ball action, then balled off casing to 3500 psi. Surged balls off perforations and established a final injection rate of 6.0 BPM @ 1300 psi, ISIP = 500 psi. Moved packer below perforations to knock ball sealers to the bottom of the hole. Moved packer to 1822 ft and set. Rigged to swab. Made 4 swab runs and swabbed tubing dry. Did not have any shows from the formation. Shut well in and shut down for the night.

10-16-97 Overnight shutin tubing pressure was 220 psi. Bled off pressure and had burnable gas. Released packer and tripped tubing and packer out of hole. Rigged up BJ Services. Fracture stimulated the lower Pictured Cliffs perforated interval with 25,000 gallons of 70 quality foam using 30# X-linked gelled water containing 50,000 pounds of 20-40 mesh sand proppant as follows:

5,000 gals 70 qual foam pad	32 BPM @ 1490 psi
5,000 gals 70 qual 1 ppg 20-40 sand	30 BPM @ 1550 psi
5,000 gals 70 qual 2 ppg 20-40 sand	30 BPM @ 1600 psi
5,000 gals 70 qual 3 ppg 20-40 sand	30 BPM @ 1650 psi
5,000 gals 70 qual 4 ppg 20-40 sand	30 BPM @ 1600 psi
1,250 gals 70 qual foam flush	30 BPM @ 1600 psi

ISIP = 1250 psi decreasing to 900 psi after 15 minutes. All water contained 1% KCL, bactericide, and enzyme breaker. Average rate 30 BPM, average pressure 1600 psi, maximum pressure 1700 psi, minimum pressure 1400 psi, Average nitrogen rate 9,600 SCF, total nitrogen pumped 210,000 SCF, total fluid to recover 182 bbls. Shut well in for 3 hours. Blew well back to the atmosphere through a ½" tapped bull plug with a 1/8" insert. Left well flowing to the pit to cleanup. Shut down for the night.

10-17-97 Well still flowing this morning. Rigged up pump and pit. Killed well. Tripped in hole with notched collar on tubing and tagged sand fill at 1880 ft (10 ft of perforations covered with sand). Tried to circulate sand from well, could not keep circulation. Trip tubing out of hole. Trip in hole with hydrostatic bailer. Cleaned out 68 ft of sand fill to PBTD of 1948 ft. Trip tubing and bailer out of hole. Tripped in hole with production tubing and landed as follows:

<u>Description</u>	<u>Length</u>	<u>Depth</u>
KB to landing point	-1.85	0 - -2
59 jts of 2 3/8" 4.7#/ft J55		
EUE yellowband used tubing	1846.24	-2 - 1844
1 seating nipple	1.15	1844 - 1845
1 jt of 2 3/8" tubing	31.04	1845 - 1876
12 ft of tubing subs	12.04	1876 - 1888
1 sawtooth collar	.50	1888 - 1889
	1889.08	

Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 14 swab runs and kicked well off flowing. Well flowing to the pit to cleanup. Shut down for the weekend.

10-18-97 Well flowing to pit to cleanup.

10-19-97.1 Well flowing to pit to cleanup.

10-20-97 Well still flowing this morning. Shutin well to build pressure for AOF. Rigged down and released rig. Wait on hookup.