

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

SF-078673

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

SCHLOSSER #95

9. API Well No.

30-045-29481

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. Country or Parish, State

SAN JUAN COUNTY, NM

SUBMIT IN TRIPLICATE

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)

1190 FSL & 1650 FWL  
UNIT LETTER N, SEC. 3, T27N, R11W

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 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 COMPLETION REPORT.

RECEIVED  
OCT 31 1997  
OIL CON. DIV.  
FOOT 3

RECEIVED  
OCT 23 1997  
OIL CON. DIV.

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

Signed

Title PETROLEUM ENGINEER

Date 10/22/97

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

OCT 29 1997

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

\*See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

RY

**M&G DRILLING COMPANY**  
**SCHLOSSER #95**  
 1190 FSL & 1650 FWL  
 SESW, SECTION 3, T27N R11W  
 SAN JUAN COUNTY, NEW MEXICO

**COMPLETION REPORT**

10-13-97 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. Trip in hole and tag PBTD at 2092 ft RKB. Rigged up Cementers Inc. pump truck. Pressure test casing to 3000 psi, held OK. Circulate hole clean with 1% KCl water. Move tubing to 2003 ft RKB. Spot 250 gal of 7 1/2 % HCl acid. Trip tubing out of hole. Shut down for the night.

10-14-97 Rigged up Blue Jet wireline. Ran GR-CLL from 2084 ft open hole log corrected PBTD to 1300 ft. Perforate the Fruitland Coal interval with 3 1/8" casing gun at 4 JSPF as follows:

1904 - 1908 ft	4 ft	16 holes	
1944 - 1956 ft	12 ft	36 holes	
1990 - 2002 ft	<u>12 ft</u>	<u>36 holes</u>	
Total	28 ft	88 holes	.34" diameter

Trip in hole with fullbore packer on tubing. Set packer at 1969 ft. Broke down the lower Fruitland Coal perforations at 600 psi. Established an injection rate down tubing of 5.4 BPM @ 1400 psi, ISIP = 400 psi (FG = 0.63). Broke down the middle Fruitland Coal perforations at 800 psi. Established an injection rate down the annulus of 6.0 BPM @ 1200 psi, ISIP = 800 psi (FG = 0.84). Moved packer to 1937 ft. Broke down the upper Fruitland Coal perforations at 1000 psi. Established an injection rate down the annulus of 5.8 BPM @ 2000 psi, ISIP = 1200 psi (FG = 1.06). Move packer to 1316 ft. Acidized the entire Fruitland Coal perforated interval with 500 gallons of 7.5% DI weighted HCL acid containing 132 1.1 sg RCN ball sealers at 5.6 BPM @ 1100 psi. Saw some ball action, but did not ball off casing. Final injection rate of 5.7 BPM @ 1950 psi, ISIP = 900 psi. Moved packer below perforations to knock ball sealers to bottom of hole. Trip tubing and packer out of hole. Nipple down BOP and wellhead. Nipple up frac valve on top of casing. Rig down completion unit and move to Schlosser #97. Wait on frac crew to stimulate well.

10-15-97 Wait on frac crew for stimulation.

10-16-97 Rigged up Bj Services. Fracture stimulated the entire Fruitland Coal perforated interval with 45,000 gallons of 70 quality foam using 15# X-linked gelled water containing 100,000 pounds of 20-40 mesh sand proppant as follows:

10,000 gals 70 qual foam pad	30 BPM @ 1550 psi
5,000 gals 70 qual 1 ppg 20-40 sand	30 BPM @ 1650 psi
10,000 gals 70 qual 2 ppg 20-40 sand	30 BPM @ 1700 psi
10,000 gals 70 qual 3 ppg 20-40 sand	30 BPM @ 1750 psi
5,000 gals 70 qual 4 ppg 20-40 sand	30 BPM @ 1700 psi
5,000 gals 70 qual 5 ppg 20-40 sand	30 BPM @ 1650 psi
1,250 gals 70 qual foam flush	20 BPM @ 1300 psi

ISIP = 1090 psi decreasing to 870 psi after 15 minutes. All water contained 1% KCL, bactericide, and enzyme breaker. Average rate 30 BPM, average pressure 1700 psi, maximum pressure 1800 psi, minimum pressure 1300 psi, Average nitrogen rate 11,500 SCF, total nitrogen pumped 497,000 SCF, total fluid to recover 330 bbls. Shut well in for 3 hours. Blew well back to the atmosphere through a 1/2" 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 flowing to cleanup after frac.

10-18-97 Well died. Wait on completion unit.

10-19-97 Wait on completion unit.

10-20-97 Move in and rig up Aztec Well Service Rig #376. Picked up notched collar, seating nipple, and 2 3/8" yellowband tubing. Tagged sand fill at 1890 ft (all perforations covered with sand). Rigged up pump and pit. Circulated 104 ft of sand to 1994 ft, then lost circulation. Tripped tubing out of hole. SDFN.

10-21-97 Trip in hole with hydrostatic bailer on tubing. Cleaned out 98 ft more of sand fill to PBTD of 2092 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
63 jts of 2 3/8" 4.7#/ft J55		
EUE yellowband used tubing	1963.39	-2 - 1962
1 seating nipple	1.15	1962 - 1963
1 jt of 2 3/8" tubing	30.91	1963 - 1993
1 sawtooth collar	.50	1993 - 1994
	1994.10	

10-22-97 Nipple down BOP. Nipple up wellhead. Rigged to swab. Made 35 swab runs. Annulus pressure increased to 160 psi, and well kicked off flowing for short periods of time. Shut in well. Released rig. Wait on well hookup.