

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. Type of Well
Gas

2. Name of Operator
M&M Production & Operation, Inc.

3. Address & Phone No. of Operator
P. O. Box 3470, Farmington, NM 87499 505-327-6908

Location of Well, Footage, Sec., T, R, M
2440' FSL and 540' FEL, Sec. 11, T-24-N, R-8-W,

5. Lease Number
NM-014580A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
AKE #1-11

9. API Well No.
30-045-51280

10. Field and Pool
Escrito Gallup

11. County & State
San Juan County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

M&M Production plugged and abandoned this well per the attached report on 12-6-01.

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

Signed Thersa McCown Title President Date 12/28/01
Thersa McCown

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

12/28/01
OFFICE

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

M&M Production & Operation, Inc.

AKE #1-11

2240' FSL 540' FEL, Section 11, T-24-N, R-8-W

San Juan County, NM

Lease No. NM-014580A

API No. 30-045-51280

December 8, 2001

Page 1 of 2

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 59 sxs cement inside casing from 6080' to 5317' to fill Gallup perforations and to cover top.

Plug #2 with retainer at 3996', mix and pump 51 sxs cement, squeeze 39 sxs outside 4-1/2" casing from 4056' to 3956' and leave 12 sxs inside casing to cover Mesaverde top.

Plug #3&4 with retainer at 2461', mix and pump 323 sxs cement, squeeze 254 sxs outside 4-1/2" casing from 2511' to 1671' and leave 69 sxs inside casing to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops.

Plug #5 with 191 sxs cement pumped down the 4-1/2" casing from 270' to surface, circulate good cement out bradenhead.

Plugging Summary:

Notified BLM 11/28/01

11-28-01 Company Safety Meeting. Chain up rig and equipment. MO, RU. Open up well; no pressures. Layout relief lines to pit. Unseat pump and re-seat. Load tubing with 8 bbls water. Pressure test tubing to 1800#, held OK. TOH and LD 1-1/4" x 16' polish rod, 1-1/2" x 10' liner. 4 - 3/4" pony rods and 120 - 3/4" rods. SI well. SDFD.

11-29-01 Safety Meeting. Continue to POH with rods, total 237 3/4" rods with pump. ND wellhead and change out for 2-7/8" rams. PU on tubing, dragging. Release possible tubing anchor. NU BOP and test. TOH and tally 192 joints 2-3/8" tubing, total 6015'. Found heavy mud on tubing from casing leak. Shut in well. SDFD.

12-3-01 Safety Meeting. Procedure change approved J. Morris with BLM. TIH with open-ended tubing. Plug #1 with 59 sxs cement inside casing from 6080' to 5317' to fill Gallup perforations and to cover top. TOH with tubing. RU A-Plus wireline truck. RIH with 3-7/8" gauge ring to 333', unable to work deeper, TOH. RIH with wireline and 3-1/8" perforating gun and work down to 986'. Unable to go deeper. TIH with 3-7/8" bit, 4-1/2" casing scraper and 128 joints tubing. PU additional 45 joints tubing and tag cement at 5382'. LD 1 joint tubing and circulate heavy mud out of hole with 80 bbls water. Pressure test casing to 500# for 10 min, held OK. SDFD.

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2240' FSL 540' FEL, Section 11, T-24-N, R-8-W
San Juan County, NM
Lease No. NM-014580A
API No. 30-045-51280

Plug & Abandonment Report

Plugging Summary Continued:

- 12-4-01 Safety Meeting. TOH with tubing and LD BHA. Perforate 3 HSC squeeze holes at 4056'. Load casing with 10 bbls water and establish rate into squeeze holes 1 bpm at 700#. Set 4-1/2" PlugWell wireline retainer at 3996'. TIH with tubing and sting into retainer at 3996'. Establish rate into squeeze holes, 1-1/2 bpm at 1000#. Plug #2 with retainer at 3996', mix and pump 51 sxs cement, squeeze 39 sxs outside 4-1/2" casing from 4056' to 3956' and leave 12 sxs inside casing to cover Mesaverde top. TOH with tubing. Perforate 3 HSC squeeze holes at 2511'. Establish circulation into squeeze holes, 1-1/2 bpm at 750#. TIH with 4-1/2" DHS retainer and attempt to set; would not set. TOH with tubing and retainer. Shut in well. SDFD.
- 12-5-01 Safety Meeting. RU wireline and set 4-1/2" PlugWell retainer at 2461'. TIH with tubing and sting in/out of retainer. Establish rate into squeeze holes 1-1/2 bpm at 750#. J. Morris with BLM, approved procedure change and S. Mason with BLM, approved procedure change to use 50% excess in the annulus interval between plugs. Plug #3&4 with retainer at 2461', mix and pump 323 sxs cement, squeeze 254 sxs outside 4-1/2" casing from 2511' to 1671' and leave 69 sxs inside casing to cover Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing. Perforate 3 HSC squeeze holes at 270'. Pump 40 bbls water down casing to attempt to circulate out bradenhead, established rate of 2 bpm at 400#. SDFD.
- 12-6-01 Safety Meeting. Pump 15 bbls water down casing to establish circulation out bradenhead. Pump additional 12 bbls to clean up bradenhead annulus. Plug #5 with 191 sxs cement pumped down the 4-1/2" casing from 270' to surface, circulate good cement out bradenhead. Shut in well and WOC. Dig out wellhead. ND BOP. Cut off wellhead. Found cement at surface in both the casing and annulus. Mix 12 sxs cement to install P&A marker. RD and MOL.
J. Morris with BLM representative, was on location.