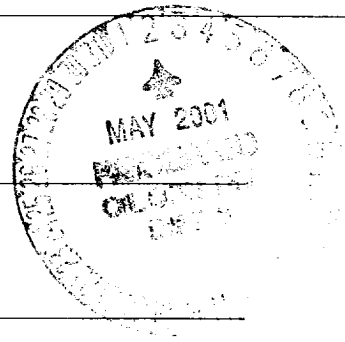
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells



API # (assigned by OCD)
30-045-22298

1. **Type of Well**
   GAS
5. **Lease Number**
   Fee
6. **State Oil&Gas Lease #**

2. **Name of Operator**
   Manana Gas, Co.
7. **Lease Name/Unit Name**

3. **Address & Phone No. of Operator**
   1002 Tramway Lane NE, Albuquerque, NM 87122
8. **Well No.**
   Mary Wheeler #1
9. **Pool Name or Wildcat**
   Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
   Unit D, Sec. 23, T-30-N, R-12-W, NMPM, San Juan County
   1095/N 875/W
10. **Elevation:**

Type of Submission	Type of Action	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Tubing Repair	

13. **Describe Proposed or Completed Operations**

Manana proposes to repair this well's tubing per the attached procedure.

SIGNATURE William F. Clark Contractor May 1, 2001
William F. Clark

(This space for State Use)
Approved by _____ Title _____ Date MAY - 2 2001

Procedure to Repair Tubing & Test Casing

4/17/01

Mary Wheeler #1
Basin Dakota
1095' FNL and 875' FWL, Section 23, T30N, R12W
San Juan County, New Mexico
Fee Lease, API #

Note: Contact the NMOCD before any cementing activity at 334-6178 and document such notification.

1. Needs 4 anchors installed and **tested**. Prepare blow pit or use a steel pit for waste fluid. Comply with all NMOCD and Manana safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. Record wellhead pressures. NU relief line and blow well down; kill with water as necessary.

2. ND wellhead and NU BOP and stripping head; test BOP. Release packer – type unknown, likely Model R. TOH and tally approximately 205 joints of 2-3/8" tubing, 6538'. Visually inspect tubing for holes, lay down any bad joints. Send packer to shop the be repaired as necessary.

3. Install rupture disk or standing valve above seating nipple and TIH with tubing, pressure testing each row to 1000#. Lay down any bad joints.

4. **Pressure Test Casing:** TIH with redressed packer and set at 6200'. Load casing with water and pressure test to 500#. If casing leaks, then isolate holes as follows:

- *PU RBP and full bore packer, TIH and set RBP at 6200'.*
- *Load casing with water and circulate the well clean, note any drilling mud (volume) in returns.*
- *Pressure test RBP to 1000# with packer set one joint above.*
- *Isolate casing leak(s) with packer. Test to 800#.*
- *Report casing leak interval (top & bottom hole) to A-Plus office.*
  Obtain orders from Engineer to further isolate holes, (spot sand on RBP and PU second RBP) or squeeze casing leak, depending on amount of bad casing. .

5. Squeeze casing per a procedure to be determined. WOC and drill out cement. Pressure test casing to 600# for 15 minutes, note decrease in 5 minute steps if not holding.

6. Re-squeeze if necessary.

7. Run a 4-1/2" casing scraper to the RBP and circulate well clean. Load casing with Nutra-Clay or KCl water. TOH and LD scraper. TIH with retrieving head and recover RBP. TOH and LD RBP.

8. Rig up and swab well. May acidize perforations with 500 gallons 15% HCl and swab back spent acid.

9. Land tubing and NU wellhead. RD and MOL.

Mary Wheeler #1

Current

Basin Dakota

NW Section 23, T-23-N, R-12-W, San Juan County, NM

Today's Date: 04/17/01
Spud: 12/29/76
Completed: 2/5/77
Elevation: 5518' GL
5530' KB

12-1/4" hole

8-5/8"24# Csg set @ 237'
Cement w/300 sxs (Circulated to Surface)

WELL HISTORY

March '?? Early in wells life it was worked over to prevent contamination of surrounding water wells.
Apparently spotted cement under a packer at 760'; tagged soft cement at 1110', and drilled out to 1975'.
No Sundry Notice in NMOCD for this work.

Objective: Repair bad tubing.
Pressure test casing.

Ojo Alamo @ 307'

Kirtland/ Fruitland @ 426'

Top of Cmt @ 1147' (Calc, 75%)

Mar ?: Casing repair from 1110' to 1975'

Pictured Cliffs @ 1762'

DV tool @ 1967'
Cmt w/125 sxs (249 cf)

Packer @ 2607'

Top of Cmt @ 2932' (Calc, 75%)

2-3/8" tubing at 6339'
(appx. 205 joints)

Mesaverde @ 3434'

DV tool @ 4572'
Cmt w/ 250 sxs (498 cf)

Gallup @ 5395'

Top of Cmt 5776' @ (Calc, 75%)

Dakota @ 6270'

Dakota Perforations:
6272' – 6458'

PBTD 6447'

7-7/8" Hole

4-1/2" 10.5# K-55 Casing set @ 6533'
Cement with 150 sxs cmt (230 cf)

TD 6529'