

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

Sundry Notices and Reports on Wells

45-07961

API # (assigned by OCD)

1. Type of Well

GAS

5. Lease Number

FEE

6. State Oil & Gas Lease #

2. Name of Operator

Manana Gas, Inc.

7. Lease Name/Unit Name

Hartman

Well No.

#1

3. Address & Phone No. of Operator

1002 Tramway lane NE

Albuquerque, NM 87122 505-856-1084

9. Pool Name or Wildcat

Basin Dakota

4. Location of Well, Footage, Sec., T, R, M

P, Sec. 22, T-29-N, R-11-W, NMPM, County

990' FSL and 990' FEL

10. Elevation:

5436'

RECEIVED
JUL - 6 1999
OIL CON. DIV.
DIST. 3

Type of Submission

Type of Action

☐ Notice of Intent

☒ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

Manana Gas, Inc. plugged and abandon this well on June 14, 1999
Per the attached report.

SIGNATURE

Ed Hartman
Ed Hartman

June 29, 1999

(This space for State Use)
Approved by ORIGINAL SIGNED BY E. VILLANUEVA

DEPUTY OIL & GAS INSPECTOR, DIST. 3
Title

JUL - 6 1999
Date

A - PLUS WELL SERVICE, INC.

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

Manana Gas Inc

June 20, 1999

Hartman #1

Page 1 of 2

990' FSL and 990' FEL Sec. 22, T-29-N, R-11-W

San Juan County, NM

Plug & Abandonment Report

Fee Lease

Cementing Summary:

Plug #1 with 100 sxs Class B cement inside and out of 4-1/2" casing to isolate the Mesaverde; pumped 50 sxs cement with casing open to pit then closed casing to squeeze away 50 more sxs, last 25 sxs had 2% CaCl₂; displaced with 5 bbls water.

Plug #2 with retainer at 1740', mix 100 sxs Class B cement, squeeze 60 sxs below retainer from 1850' to 1740' and leave 40 sxs inside casing above CR to 1198' to cover Pictured Cliffs and Fruitland tops.

Plug #3 with 30 sxs Class B cement inside casing from 652' to 254' to cover Kirtland and Ojo Alamo.

Plug #4 with 40 sxs Class B cement pumped down 4-1/2" casing from 50' to surface, circulate 1 bbl good cement out bradenhead.

Plugging Summary:

Notified NMOCD on 6/8/99

6-8-99 Road rig and equipment to location, RU. Layout relief line to pit. Open up well, no pressure. ND wellhead and NU BOP, test. Shut in well and SDFD.

6-9-99 Safety Meeting. PU 3-7/8" bit and bit sub and PU 2-3/8" tubing on location. Tag fill at 2956'. Circulate hole clean with 30 bbls; drilling mud in returns. Attempt to pressure test casing, leak 2 bpm at 500#. PU 1 more joint and wash down to 2988', circulate drilling mud out and hole clean. PU on tubing, pulling tight. Wait on order from NMOCD. Procedure change to set retainer and plug at 2850' by NMOCD. POH with tubing and 3-7/8" bit. TIH with 4-1/2" DHS cement retainer and found bad casing, perhaps parted at 1850'; hung up retainer, pull off retainer, left body in well. TOH with tubing and setting tool. PU 3-7/8" bit and TIH with 60 joints tubing. Tag CR, it dropped 120' down well. Bump retainer, would not move down more. Prepare power swivel. Shut in well and SDFD.

6-10-99 Safety Meeting. RU drilling system with pit. PU 1 joint 2-3/8" tubing and drill 20 minutes on CR. Retainer fell free. PU 1 more joint with swivel and chased down hole. LD swivel and chased retainer body down hole to 2958', stack out. Casing has tight spots at 2859'. Work 3-7/8" bit through bad casing from 2840' to 2958'. POH with tubing. TIH with 3-7/8" bit and casing scraper. Work casing scraper at 1850' and down to 2840'. RD power swivel. TOH with casing scraper. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 2844' per request of NMOCD. Run 4-1/2" wireline cement retainer and attempt to set at 2830'. Retainer not set due to bad casing. RIH with wireline and tag unset wireline retainer at 2978', below squeeze holes at 2844'. Ran Collar log to attempt to find good 4-1/2" casing. NMOCD approved procedure change. RIH with second 4-1/2" PlugWell wireline retainer to 2675'. Attempt to set retainer, fell down again due to bad casing. Chase retainer to down to 2980' with wireline. POH with wireline, rig down. SI well, SDFD.

A - PLUS WELL SERVICE, INC.

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

Manana Gas Inc

June 20, 1999

Hartman #1

Page 2 of 2

990' FSL and 990' FEL Sec. 22, T-29-N, R-11-W

San Juan County, NM

Plug & Abandonment Report

Fee Lease

Plugging Summary Continued:

- 6-11-99 Safety Meeting. Wait on orders. Procedure change approved by NMOCD. PU packer cup on tubing and TIH to 2797'. Casing bad at 1400', 1850', 2200' and very bad deeper. Establish rate into squeeze holes at 2844' at 2 bpm at 600#, circulated out casing. Plug #1 with 100 sxs Class B cement inside and out of 4-1/2" casing to isolate the Mesaverde; pumped 50 sxs cement with casing open to pit then closed casing to squeeze away 50 more sxs, last 25 sxs had 2% CaCl₂; displaced with 5 bbls water. Tubing flowing back, pump 3 more bbls and displace to 2100'. Attempt to back off packer cup and 2 joints tubing in cement. TOH with 20 joints very slow with some flow out casing. TOH with tubing and LD packer cup. Shut casing and pump 10 bbls water to displace cement to 2332'. Shut in well and WOC. TIH with tubing and tag cement at 2626', TOH. Procedure change approved by NMOCD. TIH with 4-1/2" DHS retainer and set at 1740'. Pressure test tubing to 500#, held OK. Sting out of retainer. Pressure test casing to 500#, held OK. Sting in and establish rate 1 bpm at 600# into casing leak at 1850'. Plug #2 with retainer at 1740', mix 100 sxs Class B cement, squeeze 60 sxs below retainer from 1850' to 1740' and leave 40 sxs inside casing above CR to 1198' to cover Pictured Cliffs and Fruitland tops. Plug #3 with 30 sxs Class B cement inside casing from 652' to 254' to cover Kirtland and Ojo Alamo tops. TOH and LD tubing. Shut in well and SDFD.
- 6-14-99 Safety Meeting. RU A-Plus wireline truck and perforate 3 HSC squeeze holes at 50'. Establish circulation out bradenhead. Plug #4 with 40 sxs Class B cement pumped down 4-1/2" casing from 50' to surface, circulate 1 bbl good cement out bradenhead. Dig out wellhead with backhoe and cut off, install P&A marker with 10 sxs Class B cement. RD rig and equipment; move off location.
H. Villaneuva, NMOCD was on location and approved all procedure changes.