

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-22683
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name Annie B
1. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Number #1
2. Name of Operator Manana Gas, Inc.		9. OGRID Number 13931
3. Address of Operator c/o Walsh Engineering 7415 East Main Street, Farmington, NM 87402		10. Pool name or Wildcat Basin Dakota
4. Well Location Unit Letter <u>N</u> : <u>840'</u> feet from the <u>South</u> line and <u>1400'</u> feet from the <u>West</u> line Section <u>13</u> Township <u>30N</u> Range <u>12W</u> NMPM County <u>San Juan</u>		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5552' GR		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>		
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

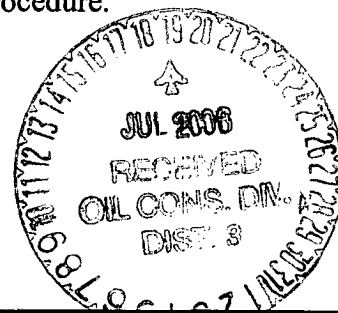
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Manana Gas Company plans to plug and abandon this well according to the attached procedure.

Condition step #1 Set CE 3200'
Pump volume + 100% to bottom perf.
= To 596 cu ft



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Paul C. Thompson TITLE _____ Agent _____ DATE 7/18/06

Type or print name Paul C. Thompson, P.E.

E-mail address: paul@walsheng.net

Telephone No. 505-327-4892

For State Use Only

APPROVED BY: H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUL 19 2006

Conditions of Approval (if any): See Above - Confer w/paul - 7/20/06 - 0815am.

Walsh Engineering and Production

P & A Procedure for
Manana Gas Company
Annie B #1

Location: SW/4 Sec 13 T30N R12W
San Juan County, NM

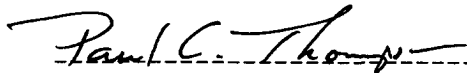
Date: July 18, 2006

Field: Basin Dakota
Surface: Fee
Minerals: Fee

Elev: GL 5552'
4-1/2" @ 6597'

Procedure:

1. Set a 4-1/2" cement retainer at approximately 3200' (restriction in the casing is at 3215' KB). Attempt to pump 100 sx (115 cu.ft.) of neat cement below the retainer and leave 50' (5 sx 6 cu.ft.) above the retainer. Maximum injection pressure below the retainer is 2000 psi.
2. POH to 1877'. Load the hole and pressure test the 4-1/2" casing to 1000 psi.
3. Spot a balanced plug from 50' below the Pictured Cliffs top to 50' above the Fruitland Coal top (1584' - 1877') with 25 sx (30 cu.ft.) of neat cement. WOC for four hours and tag cement top if pressure test in Step #2 was unsuccessful. POH to 546'.
4. Spot a balanced plug from 50' below the Kirtland top to 50' above the Ojo Alamo top (312' - 546') with 45 sx (53 cu.ft.) of neat cement. WOC for four hours and tag cement top if pressure test in Step #2 was unsuccessful. TOH.
5. Perforate 2 squeeze holes at 252' (50' below surface casing shoe).
6. Connect the pump truck directly to the 4-1/2" casing and attempt to establish circulation through the bradenhead. Pump cement as necessary to fill the inside and outside of the 4-1/2" casing from 252'. Fill hole with cement as necessary.
7. Remove wellhead and install a dryhole marker. Reclaim location as per surface owner specifications.



Paul C. Thompson, P.E.

CURRENT STATUS

KURTLEB 496

FT. COAL 1634

F.C. 1827

CLIFF HOUSE 3392

MONEFEE 3570

Point Lookout 4378

GALLU 5458

DAK-572 6408

 $2\frac{1}{4}''$

8 5/8", 24" @ 202"
Cmt w/ 208 SK - Cmt Circle

DX @ 1910

724 f13 65/35 w/123 Gel

Circ. cont. to Sub E. 1.

2678 CALC TOC

CASING RESTRICTION AT 3215'

 $7\frac{7}{8}$

3736 DEEPER PENETRATION

DY 4514

 $600 \text{ ft}^3 (\sim 1843')$

5872' calc. TOC.

6359

6530

DK PERFS FRA w/ 80,000^u 30/40
IN GELLED WATER.

$4\frac{1}{2}, 10.5^\# \in 6597$
 $20 \times (236 \text{ ft})$

$$\begin{aligned} &= 36 \text{ ft}^2 / .2278 \text{ ft}^2/\text{ft} \times .7 = 725' \\ &6597 - 725 = 5872' \text{ TOL} \end{aligned}$$

Pct 7/10/86

MANANA GAS
ANNIE B #1
SEC B, TSON, R2W
7 & A STATUS

12 1/4"

Pump #4 AS NECESSARY
TO FILL INSIDE AND OUTSIDE
OF 4 1/2" CASING FROM 252'.

8 5/8", 24# @ 202'
CUT W/ 208 SK - CUT CIRC.
59 HOLES AT 252'

OLD ALAMO 362

KIRTLAND 496

312

546

1584

Pump #3 45 SK (53 cu.ft)

FT. GAL 1634

P.C 1827

1877

Pump #2 25 SK (30 cu.ft)

DY @ 1910'
724 ft³ 65/35 w/ 123 GAL
CIRC CUT TO SURFACE

3158

21670' CALC TOC
CEMENT RETAINER AT 3200'
Pump #1
100 SK BELOW RETAINER
5 SK ABOVE RETAINER

CLIFF HOUSE 3398

7 7/8"

MENESEE 3570

POINT LOOKOUT 4378

3736'

DY @ 4514'
600 ft³ (~ 1843')

GALLUP 5458

5872' CALC. TOC

DAKOTA 6408

6359

6530

DK PERFS FRAC w/ 80,000# 20/40
IN GELLED WATER.

4 1/2, 10.5# @ 6597'
208 SK (236 ft³)

$$236 \text{ ft}^3 / .2278 \text{ ft}^3/\text{ft} \times .7 = 725'$$

$$6597 - 725 = 5872' \text{ TOC}$$

Pet
1/1/1/1