

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-105

Revised March 25, 1999

WELL API NO.

30-045-32163

5. Indicate Type of Lease

STATE ☐ FEE ☒ X

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐
WELL OVER BACK RESVR. ☒ OTHER ☐

2. Name of Operator

Manana Gas, Inc.

3. Address of Operator

c/o Walsh Engineering, 7415 E. Main St., Farmington, NM 87402

7. Lease Name or Unit Agreement Name

Rainbows End

8. Well No.

#1

9. Pool name or Wildcat

Basin Fruitland Coal

4. Well Location

Unit Letter N : 857 Feet From The South Line and 1546' Feet From The West LineSection 24 Township 29N Range 11W NMPM County: San Juan

10. Date Spudded

3/1/04

11. Date T.D. Reached

3/6/04

12. Date Compl. (Ready to Prod.)

5/20/04

13. Elevations (DF& RKB, RT, GR, etc.)

5443' GL 5448' KB

14. Elev. Casinghead

5448' KB

15. Total Depth

1868'

16. Plug Back T.D.

1809'

17. If Multiple Compl. How Many

Zones?

18. Intervals

Drilled By

Rotary Tools

0' - 1868'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

1512' - 1670' Basin Fruitland Coal

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

IES/GR Neutron and Density Logs and CBL

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7" J-55	23#	134'	8-3/4"	65 sx (77 cu.ft.)	β
4-1/2" J-55	10.5#	1868' 31	6-1/4"	361 cu.ft& 118 cu.ft.	β

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1727' KB	

25.

TUBING RECORD

26. Perforation record (interval, size, and number)

1512 - 1582' 60 (0.34") holes

1655 - 1670' 21 (0.34") holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

1512 - 1582' 54,000# 20/40 in 594 bbls of x-link gel

1655 - 1670' 36,400# 20/40 in 675 bbls of x-link gel

28

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
5/15/04		Flowing			Shut-In		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/20/04							
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
	SICP 165						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

Test Witnessed By
Paul Thompson

30. List Attachments

Deviation Report

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Printed

Name Paul C. Thompson, P.E.

Title Agent

Date 5/21/04

Signature

Paul C. Thompson

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo _____ 380
T. Kirtland-Fruitland _____ 560
T. Pictured Cliffs _____ 1621
T. Cliff House _____
T. Menefee _____
T. Point Lookout _____
T. Mancos _____
T. Gallup _____
Base Greenhorn _____
T. Dakota _____
T. Morrison _____
T. Todilto _____
T. Entrada _____
T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....484.....to.....6398.....

from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology
380	560		OJO ALAMO
560	1372		KIRTLAND
1372	1621		FRUITLAND
1621	1868		PICTURED CLIFFS