30-045-26741

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State ☐ Fee ☒

5. State Oil & Gas Lease No.

1a. TYPE OF WELL

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

OIL WELL ☐ GAS WELL ☒ DRY ☐

7. Unit Agreement Name

8. Farm or Lease Name: Nancy Hartman

2. Name of Operator: Manana Gas, Inc.

9. Well No.: 1

3. Address of Operator: P.O. Box 36990, Albuquerque, N.M. 87176

10. Field and Pool, or Wildcat: Otero Chacra

4. Location of Well: UNIT LETTER A LOCATED 1270 FEET FROM THE North LINE AND 870 FEET FROM THE East LINE OF SEC. 22 TWP. 29N RGE. 11W NMPM

12. County: San Juan

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OCT 24 1986
OIL CON. DIV.
DIST. 3

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
8/4/86		10/16/86	5486 GL	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
2915	2885	Single	→	0 to TD	none

24. Producing Interval(s), of this completion — Top, Bottom, Name: Chacra - 2712 to 2826

25. Was Directional Survey Made: Yes

26. Type Electric and Other Logs Run: Dual Induction -SFL Formation Density-Comp. Neutron

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7.000"	23.0 #	274	8.75"	110 Sax-125 Cuft.	
4.500"	10.5 #	2891	6.25"	325 Sax-598 Cuft.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
	None			
—				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375	2796	none

31. Perforation Record (Interval, size and number)

2712-22)
2804-06) 2 shots per foot
2808-15)
2824-26)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2712-22	Sand-Foam fractured with
2804-06	60,000# sand and 70%
2808-15	Quality Foam
2824-26	

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
		WOC

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas—Oil Ratio
10-16-86	3	0.75"		none	757		

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
51	202			AOF- 788		

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Not under contract

Test Witnessed By

35. List of Attachments

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

SIGNED Ed Hartman TITLE President DATE 10-22-86

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 30 through 34 shall be repeated 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				Northwestern New Mexico			
T. Anhy		T. Canyon		T. Ojo Alamo	440	T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland	1395	T. Penn. "C"	
B. Salt		T. Atoka		T. Pictured Cliffs	1708	T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House	1289 Lewis	T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee	2368 Chacra	T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres		T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permian		T.	
T Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, 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. _____

No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation