

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV-Dist. 2
1000 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator

Manzano Oil Corporation

3. Address

P.O. Box 2107, Roswell, NM 88202-2107

3a. Phone No. (include area code)
(505) 623-1996

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 660' FNL & 660' FWL UT. D

At top prod. interval reported below 660' FNL & 660' FWL

At total depth 660' FNL & 660' FWL

14. Date Spudded

11/15/02

15. Date T.D. Reached

12/12/02

16. Date Completed

☐ D & A ☒ Ready to Prod.
1/11/035. Lease Serial No.
NM-28097

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Green Flash Fed Com #1

9. API Well No.

30-015-32402 S1

10. Field and Pool, or Exploratory

Turkey Track Morrow, N

11. Sec., T., R., M., on Block and
Survey or Area Sec 30, 18S, 30E12. County or Parish
Eddy13. State
NM

17. Elevations (DF, RKB, RT, GL)*

3461' GL, 3477' KB

18. Total Depth: MD
TVD 11750'19. Plug Back T.D.: MD
TVD 11750'20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR/CNL-LDT/HLLS

22. Was well cored? ☐ No ☐ Yes (Submit analysis)Was DST run? ☐ No ☒ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8	54.5#	Surf	445'		600 sx "C"	166	255 TS	None
						200 sx "C"	48	58'	
						100 sx "C"	24	Circ-25 sx	
11"	8 5/8	32#	Surf	3410'		1550 sx "C"	507	Circ-286 sx	None
7 7/8"	5 1/2	17#	Surf	11750'	9768	1550 C:H	469	3200-TS	None

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	11,670'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	11,578'	11,588'	11,578'-11,588'	.41"	40	Producing
B) Morrow	11,568'	11,572'	11,568'-11,572'	.41"	18	Producing
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11,568'-11,588'	1500 gal 10% Isosol + 160,000 scf N ₂

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
1/10/03	1/12/03	24	→	9	1924	2			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
14/64	SI 525	0	→	9	1924	2	213775:1	Flowing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

ACCEPTED FOR RECORD

MAR 20 2003

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Atoka	10995	11008	DST #1 (10,990'-11,019') Sampler Recovery: 200 cc oil + 6.8 cu ft gas @ 950# IHP = 5240 45" IFP = 1219-2943 90" ISIP = 4238 60" FFP = 1637-2677 240" FSIP = 3872 FHP = 5233 GTS in 6" @ 3260 mcf/gpd	1st Bone Spring Sand	7054
				2nd Bone Spring Sand	7680
L/Morrow	11525	11600		3rd Bone Spring Sand	8710
				Wolfcamp	9104
				Cisco	9930
				Canyon	10130
				Strawn	10435
				Atoka	10712
				Morrow Clastics	11156
				B/Morrow Clastics	11594

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Michael G. Hanagan Title Agent

Signature  Date 1/17/03

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Well Name and Number: Green Flash Fed Com #1

Location: Sec. 30, T18S, R30E, Eddy County, NM

Operator: Manzano, LLC

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1	425	1 ¼	5554	½	8252
¾	900	1 ¾	5871	½	8464
1	1401	2 ¼	6251	½	8843
½	1898	2	6090	¼	9274
¾	2396	2 ¾	6406	½	9767
½	2894	2 ½	6565	¼	10081
½	3391	2 ½	6693	½	10574
¾	3842	2	6882	2 ¾	10975
1 ½	4245	1 ¾	7074	2	11132
1 ¼	4493	1 ¼	7328	1 ¼	11378
1	4988	1	7579		
1 ¼	5300	¾	7893		



Drilling Contractor: McVay Drilling Company

By: Tina Flemens

Subscribed and sworn to before me this 19th day of December, 2002

Tina Flemens
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico