

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Alameda, NM 88210

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## 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 **Nadel and Gusman Permian, L.L.C.**

3. Address **601 N. Marienfeld, Suite 508, Midland, TX 79701** 3a. Phone No. (include area code) **432/682-4429**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface  
At top prod. interval reported below  
At total depth

5. Lease Serial No. **NM19186**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. **Artemis Fed. Com. #1**

9. AFI Well No. **36-015-34011**

10. Field and Pool, or Exploratory **Loving Noth Morrow**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 3-22S-28E**

12. County or Parish **Eddy** 13. State **NM**

14. Date Spudded **04/29/2005** 15. Date T.D. Reached **06/10/2005** 16. Date Completed **07/28/2005**  
☐ ID & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\* **3027'; KB 19' AGL**

18. Total Depth: MD **12,700'** TVD  
19. Plug Back T.D.: MD **12,597'** TVD  
20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CNDL, DLL**

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 Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	301'		400		Circ. 155	
12 1/4"	9 5/8"	40#	0	6105'		2227		Circ. 300	
7 7/8"	5 1/2"	17#	0	10,882'		1156 1st stage			
		20#	0	12,700'		463 2nd stage			

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"	11,390'	11,289'						

25. Producing Intervals

Formation	Top	Bottom	26. Perforation Record	Size	No. Holes	Perf. Status
A) <b>Atoka</b>	<b>11,396'</b>	<b>11,412'</b>	<b>11,396' - 11,412'</b>		<b>6</b>	<b>Open</b>
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>11,396' - 11,412'</b>	<b>None, tubing conveyed perforating</b>

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
<b>08/05/2005</b>	<b>08/06/2005</b>	<b>24 hrs.</b>	<b>→</b>	<b>0</b>	<b>1506</b>	<b>1</b>			<b>Flowing</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
<b>17.5</b>	<b>4300</b>	<b>0</b>	<b>→</b>					<b>Producing</b>	

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
			<b>→</b>						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			<b>→</b>						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

AUG 24 2005

LES BABYAK  
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
Delaware	2530	5972	Sand	Delaware	2530
Bone Spring	5972	9457	Limestone, Sand, Shale	Bone Spring	5972
Strawn	10832	11100	Limestone, Shale	Wolfcamp	9457
Atoka Lime	11100	11338	Limestone, Sand, Shale	Strawn	10832
Atoka Clastics	11338	11470	Sand, Limestone, Shale	Atoka Lime	11100
Morrow	11470	11977	Limestone, Shale, Sand	Atoka Clastics	11338
Morrow Castles	11977	12392	Sand, Shale, Limestone	Morrow	11470
Lower Morrow	12392	12560	Sand, Shale, Limestone	Morrow Clastics	11977
				Lower Morrow	12392

## 32. Additional remarks (include plugging procedure):

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification   
 ☐ Core Analysis   
 ☐ 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) Kem McCreadyTitle Operations EngineerSignature Kem McCreadyDate 8/22/05

Title 18 USC Section 1001 and Title 43 USC 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.

# NADEL AND GUSSMAN PERMIAN

## Artemis Federal #1

1650' FSL, 660' FWL Sec 33, 22S, 28E, Eddy County, NM  
API # 30 - 015 - 34011-0

Elev: 3027', KB: 19' AGL

Current

2005 AUG 24 AM 9:26

13-3/8", 48#, H-40 @ 301'  
400 sx, cement circulated 155 sx  
17-1/2" hole

9-5/8", 40#, N-80 LTC @ 6,105'  
2227 sx, cement; circ 300 sx

12-1/4" hole

DV Tool @ 7807'

5-1/2", 17#, P-110 @ 0-10,882'  
20# P-110 @ 10,882' - 12,700'  
1st stage 1156 sx  
2nd stage 463 sx  
7-7/8" hole

PBTD @ 12,597'  
TD @ 12,700' SLD 12,698 WLM

### Tubing Details

1jt 2-7/8" tbg  
1 10' 2-7/8" tbg sub  
2-8' 2-7/8" tbg subs  
344 jts of 2-7/8" above marker jt  
0 - 11,216.38' tbg above marker joint  
11,216-11,223 1 6' L-8- 2-7/8" sub  
11,223' - 11,288 2 jts 2-7/8" tbg 6.5 EUE  
11,288' - 11,289' 2.25 F on off tool  
11,289' - 11,297 Baker plr and pu sub  
11,297 - 11,303' 6' tub sub  
11,303 - 11,3104 2.25 F nipple  
11,304 - 11,310 6' tub sub  
11,310 - 11,311 2.25 R nipple w\ 2.197 ng  
11,311 - 11,376 2 jts 2-7/8" tbg  
11,376' - 11,377 ported underbalance sub  
11,377 - 11,390 12' 2-7/8" pup jt  
EOT @ 11,390'

### Atoka Perfs

11,396 - 11,412 6 spg 60 deg 96 holes

Fish in btm of hole  
Fish consists of  
1' mech firing head w\ auto release  
5' blank gun  
16' shot guns  
1' bull plug  
4' propel sleeve and; btm of assembly  
Total fish length approx 26'