N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
ARTESIA, NM 88210

Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM-93461

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **Nadel and Gussman Permian, L.L.C.**

8. Lease Name and Well No. **Rowdy Federal #1**

3. Address **601 N. Marienfeld, Suite 508, Midland, TX 79701**

3a. Phone No. *(include area code)* **432/682-4429**

9. API Well No. **30-015-33595**

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

At surface ~~780' FSL, 810' FEL~~ 1700 990

At top prod. interval reported below

At total depth

RECEIVED
MAR 15 2005
OCD-ARTESIA

10. Field and Pool, or Exploratory **Chester (96542)**

11. Sec., T., R., M., on Block and Survey or Area 31-20S-23E

12. County or Parish **Eddy**

13. State **NM**

14. Date Spudded **11/06/2004**

15. Date T.D. Reached

16. Date Completed ☐ D & A ☑ Ready to Prod. **02/01/2005**

17. Elevations (DF, RKB, RT, GL)* **4404' KB**

18. Total Depth: MD **9179'** TVD

19. Plug Back T.D.: MD **9070'** 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
12 1/2"	9 5/8"	36#	0	2038	None	1245 sxs Cir.	200	Surf.	
7 7/8"	5 1/2"	17#	0	9179	None	2100 sxs Cir.	413	2525	

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"	8564'	8461'						

25. Producing Intervals

Formation	Top	Bottom
A) Morrow	8570'	8640'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
	6	192	Open

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

Depth Interval	Amount and Type of Material
8570' - 8640'	4000 gals 7.5% HCL

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
02/01/2005	02/16/2005	24		1	414	0	57.2	.60	
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
41/64	450	0		1	414	0	414,000		

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 page 2)

ACCEPTED FOR RECORD
MAR 11 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
Cisco	**6500**	**6503**	**Limestone**	**San Andres**	**282**
Atoka	**8221**	**8228**	**Sandstone**	**Glorieta**	**1828**
Morrow	**8378**	**8402**	**Chert Sandstone**	**Tubb**	**3126**
Morrow	**8572**	**8602**	**Sandstone**	**Abo**	**3723**
L. Morrow	**8634**	**8640**	**Sandstone**	**Wolfcamp**	**4770**
				Cisco	**5914**
				Strawn	**6832**
				Atoka	**7988**
				Morrow	**8488**
				L. Morrow	**8619**
				Chester	**8764**
				TD	**9162**

32. Additional remarks (include plugging procedure):

No DST's Taken

33. Indicate which itmes 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 McCready** Title **Operations Engineer**

Signature Kem McCready Date 3/5/2005

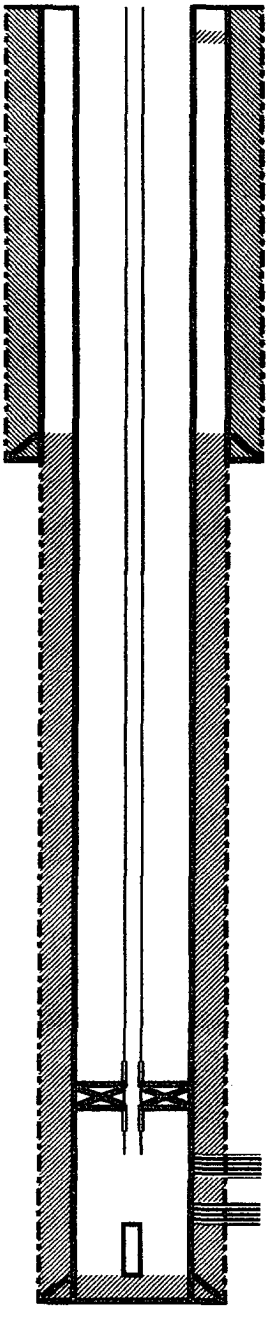
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NADEL AND GUSSMAN PERMIAN

Rowdy Federal #1
1700' FSL, 990' FEL Sec 31, T20S, R23E ,Eddy County, NM
API # 30 - 015 - 33595-0

Elev: 4404', KB: NA

CURRENT



9-5/8", 36#, K-55 @ 2038'
1245 sx, cement ; Circ 200 sxs
12-1/2" hole

5-1/2" TOC @ 2525' CBL 1/19/05

TBG Details
All tbg is L-80 6.5# EUE

1 JT 2-7/8" TBG	
1-10' 2-7/8" SUB	
1 - 2' 2-7/8" SUB	
271 JTS OF 2-7/8 TBG	8390'
1-6' marker sub	8390'
2 jts 2-7/8" tbg	8396'
2.25 F on-off tool	8460'
2.38" ID arrowset pkr 10 K	8461.3'
1 JT 2-7/8" TBG	8468'
2.25 R nipple	8500'
1 JT 2-7/8" TBG	8501'
Ported underbalanced sub	8532'
1 JT 2-7/8" TBG	8533'
EOT	8564'

Lower Morrow perfs

8570' - 8596' 6 spf 156 holes

8634-8640 6 spf 36 holes

FIH

Mech firing head	1.19'
Blank gun	4.8'
loaded gun	27'
bull plug	1'

5-1/2", 17#, P-110 LTC @ 0-9,179'
cmt w\2100 sxs.
FS @ 9179'; FC @ 9094
7-7/8" hole

PBTD @ 9,070'
TD @ 9,179"

KEM

2/24/2005