Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No: NM-100524

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 Permain L.L.C.

8. Lease Name and Well No.: Manco Federal #1

3. Address: 601 North Marienfeld Suite 508, Midland, Tx 797001

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

9. AFI Well No.: 30-015-35553

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

At surface: UL D 660 FNL 1240FWL S26 T21S R21E

At top prod. interval reported below: Same

At total depth: Same

OCT 07 2008
OCD-ARTESIA

10. Field and Pool or Exploratory: Wildcat Morrow/Little Box Can.Upr Penn

11. Sec., T., R., M., on Block and Survey or Area: S26, T21S, R21E ULD NMPM

12. County or Parish: Eddy

13. State: NM

14. Date Spudded: 05/11/2007

15. Date T.D. Reached: 06/03/2007

16. Date Completed: 12/08/2007 ☑ D & A ☐ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 4659 GL KB 20' AGL

18. Total Depth: MD 8,400 TVD 8,400

19. Plug Back T.D.: MD 4,662 TVD 4,662

20. Depth Bridge Plug Set: MD 4250 TVD 4250

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

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\4	9-5\8 N-80	36	0	1567		758 CL C	216 bbls	surf	
8-3\4"	7" L-80	26	0	4762'		415 PVL	111 bbl1	630	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	3462	5207	3664-3772	.45	196	open
B)			4334-4354	.45	80	shut off
C)						
D)						

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

Depth Interval	Amount and Type of Material
3664-3772	18 Mgals lin 20#lin gel 24.5 Mgals 20% HCl ; 11 Mlbs 14/30 lite prop, 125Mlbs 16/30 SLC;1Mlbs 20/40 82 Mgals 10# brine
4334-4354	9 Mgals 20% 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
Dry			→						

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

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
OCT 1 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 *(Solid, used for fuel, vented, etc.)*

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
Glorieta	1359	2698		Morrow	7764
Tubb	2698	3362		Barnett	8090
Abo	3362	3462		Chester	8258
Wolfcamp	3462	5207			
Cisco	5207	6494			
Canyon/Strawn	6494	7358			
Atoka	7358	7764			

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 E. McCready Title NM Operatins MGr

Signature Kem E. McCready Date 09/17/2008

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.

(Continued on page 3)