

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FFR 18 2009

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. Resrv.,
Other notice of first gas

2. Name of Operator **NADEL AND GUSSMAN HEYCO, LLC**3. Address **P.O. BOX 1936, ROSWELL, NM 88202-1936**3a. Phone No. (include area code)
575-623-6601

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

At surface **930' FSL & 660' FEL**At top prod interval reported below **930' FSL & 660' FEL**At total depth **9100'**14. Date Spudded
08/21/200815. Date T D Reached
09/16/200816. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3801.8'18. Total Depth: MD **9100'**
TVD19. Plug Back T.D.: MD **8978'**
TVD20. Depth Bridge Plug Set: MD
TVD **n/a**

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

Already submitted w/last report dated 11/21/08 on first production of oil22. 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	133/8h40	48	surface	986'	986'	1100/ Class C	12.7	surface	
12 1/4	9 5/8 k55	36	surface	2355'	2355'	650/Class C	14.8	surface	
7 7/8	5 1/2 180	17	surface	9100'	9100'	1645/Class H	13.2	730'	

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	8514'	8199' TAC						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Bone Spring Sd	8610'	8710'	8610'-8710'	.38	25	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8610'-8710'	2750 gal 7.5% NEFE Acid 12,470 gal of Pad, 32,701 gals sand laden energized fluid, 4729 gal flush. 104,856 #Tempered LC 20/40, 19,023 #SB Excel 20/40, total property Qty 123,879#

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
11/08/2008			→	72	0	55	40		pump
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
n/a			→						pumping

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
01/21/2009	01/23/2009	24	→		109		.7914		pump
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						pumping

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

ACCEPTED FOR RECORD
FEB 16 2009
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 (Sold, used for fuel, vented, etc.)

Frontier is purchaser, logs and surveys had already been submitted along with first oil production 11/10/08

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
Grayburg	4315	4355	No Cores	Rustler	950
San Andres	4635	4370	No DST's	Salado	1180
Delaware	5220	5245	Oil Show	Base Salt BX	2040
	5310	5335	Oil Show	Tansill	2200
			Gas Show	Yates	2355
Bone Spring Sd	8610	8720	Wet XW	Seven Rivers	2820
			Oil Show	Bowers	3270
				Queen	3525
				Penrose	3755
				Grayburg	4040
				Loco Hills	4165
				San Andres	4550
				Delaware Mountain Group	4720
				Brushy Canyon	5085
				Base Delaware	5750
				Bone Springs Ls.	6475
				1st Bone Spring Sand	7635
				2nd Bone Spring Sand	8310
				3rd Bone Spring Sand	9020
					9100

32. Additional remarks (include plugging procedure):

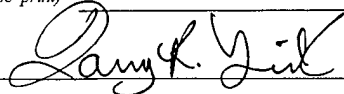
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) Tammy R. LinkTitle Production Tech

Signature

Date 01/21/2009

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.