

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM-106718
b. Type of Completion. ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator Nadel and Gussman HEYCO, LLC		7. Unit or CA Agreement Name and No
3. Address P.O. Box 1936, Roswell, NM 88202-1936		8. Lease Name and Well No. Taylor 12 Federal #10
3a. Phone No. (include area code) 575-623-6601		9. AFI Well No. 30-015-39468
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 400' FNL & 380' FEL, Unit A At top prod interval reported below At total depth		10. Field and Pool, or Exploratory Delaware; Young North
14. Date Spudded 10/18/2011		11. Sec, T, R, M., on Block and Survey or Area 12, T18S, R31E
15. Date T.D. Reached 10/28/2011		12. County or Parish Eddy
16. Date Completed 11/15/2011 ☐ D & A ☒ Ready to Prod.		13. State NM
17. Elevations (DF, RKB, RT, GL)* 'GL 3796'		

18. Total Depth. MD 5500' TVD	19. Plug Back T.D. MD 5407' TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)		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
11"	8 5/8"	32#	0	1010'		350 sx "C"		Surface	0
7 7/8"	5 1/2"	17#	0	5500'		1,000 sx "C"		TOC@1254'	0

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"	5032	TA @ 4977						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Delaware			5060-5146'	.39	45	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5060-5146	2000 gals 15% NEFE, 106,260 gals 25# X-Link +248,435 #'s 20/40

RECEIVED

DEC 06 2011

NMOCD ARTESIA

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
11/18/2011	11/30/2011	24	→	31	45	172	39		Pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
n/a			→	31	45	172	39	Prod	

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

NMOCD

12/8/2011

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

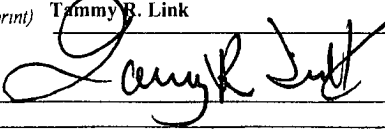
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Delaware Brushy Canyon	5060	5166	Light Brown-Light grey Ss fine grained oil & gas	Rustler Base Salt Yates Seven Rivers Queen Grayburg San Andres Delaware Brushy Canyon	955 2200 2440 2830 3540 4055 4485 4840 4985

32. Additional remarks (include plugging procedure):

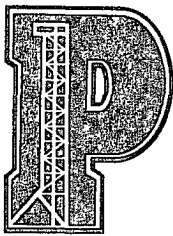
33. Indicate which items have been attached by placing a check in the appropriate boxes.

- ☐ 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 B. LinkTitle Production AnalystSignature Date 12/05/2011

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.



PATRIOT DRILLING, LLC

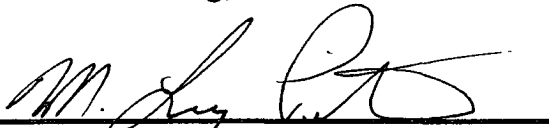
NOV 04 2011

OPERATOR: Nadel & Gussman HEYCO, LLC.
WELL/LEASE: Taylor 12 Federal # 10
COUNTY: Eddy Co., New Mexico
Sec. 12, T18S, R31E

**STATE OF NEW MEXICO
DEVIATION REPORT**

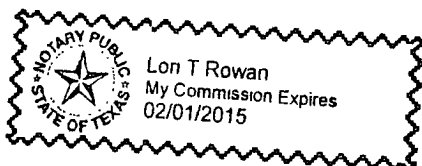
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
270	1/4	2,851	3/4
520	1/4	3,137	1 1/4
670	1/2	3,420	1 1/4
967	1/4	3,707	1
1,232	1/2	3,992	1 1/2
1,486	1/4	4,275	1
1,740	1/4	4,559	1 1/4
2,025	1/4	4,813	1 1/4
2,310	1	5,098	1 1/4
2,564	3/4	5,350	1

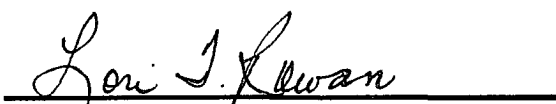
Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 1st day of
November, 2011 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,

My Commission Expires: 02/01/2015




Lori T. Rowan
Notary Public for Ector Co., Texas

RISING**STAR**

Oilfield Cementing

Services
& Acidizing

Date:	10/21/2011	Time:	10:30 AM
Truck Called:	10/21/2011	Arrived at job:	12:00 PM
Start Job:	10/21/2011	Finish Job:	1:26PM
Leave Location:	10/21/2011		4:00PM

Job Log

RISING STAR SERVICES LP.		Customer Name:		NADEL & GUSSMAN		Ticket Number:		H2011-1139	
P.O. BOX 61193		Lease Name:		TAYLOR 12 FED					
MIDLAND, TEXAS 79711		Well #:		10		Supervisor:		JOSH JAMES	
OFFICE # 432-617-0114		Type of Job:		SURFACE		County:		LEA	
FAX #432-339-0140		Date:		10/21/2011		CUSTOMER REPRESENTATIVE:		RUSSELL BERRYMAN	
Tubing Size:	N/A	Casing size:	8 5/8	Liner size:	N/A				
Tubing weight:	N/A	Casing weight:	32	Top of Liner:	N/A				
Tubing bbl/inf	N/A	Total Depth:	1010	Bottom of Liner:	N/A				
Retainer depth:	N/A	Total Pipe:	1015.31	Annular Volume:	46				
Packer depth:	N/A	Open Hole:	11	BHST:	N/A				
Perfs:	N/A	Shoe Joint:	45.04	BHCT:	N/A				
Holes in casing:	N/A	Displacement:	59 bbls	Maximum:	2500	Psi			
		Pre-Flush:	10 bbls						
Sks.		Cement Additives							
Lead Cement:	150	CLASS C+4% BENTONITE+1%CACL2+.25%CELLOFLAKE+.25%R-38+5%SALT(BWOW)							
Cmt. Wt.	13.80	Yield	1.70	Gall/sk	8.72	Mixing Water:	31.14	bbls	
						Total Ft. ³ :	255.00	ft. ³	
Middle Cement:	200	CLASS C+2%CACL2+.25%R-38							
Cmt. Wt.	14.80	Yield	1.35	Gall/sk	6.34	Mixing Water:	30.19	bbls	
						Total Ft. ³ :	270.00	ft. ³	
Tail Cement:									
Cmt. Wt.		Yield		Gall/sk		Mixing Water:		bbls	
						Total Ft. ³ :		ft. ³	
Cmt. Wt.		Yield		Gall/sk		Mixing Water:		bbls	
						Total Ft. ³ :		ft. ³	
Total sks:	350	sks.	Total Bbls. Cmt.:	93.50	:Bbls	Total Water for Job:			
Total Ft. ³ :	525	ft. ³	Total Mix Water:	61.33	:Bbls	130.33 :Bbls			

Acid Systems

Acid System:			Gallons		
Diverter:			Balls		
				Coarse Rock Salt	
	Injection Rate:		Job Pressures		Job Log Remarks:
Time	Rate:	Bbls in	Tbg psi	Csg psi	
10:30 AM					
10:45 AM					
11:00 AM					
12:00 PM					
12:15 PM					
12:30 PM					
12:30 PM					
1:00PM					
1:15PM					
SERVICE REPRESENTATIVE: Signature Please					CUSTOMER REPRESENTATIVE: Signature Please
JOSH JAMES					X

H2011-1139



Job Type: SURFACE

Thank you for your business, your patronage is greatly appreciated!!!	
SERVICE REPRESENTATIVE: Signature Please	CUSTOMER REPRESENTATIVE: Signature Please
JOSH JAMES 	X 

DATE : 10/21/2011		WELL :		Taylor 12 Fed #10						
Casing OD	8 5/8	Grade	J-55	Displacement bbl/ft	0.01164	Burst	4460	Torque		
Casing ID	7.921	Weight	36#	Capacity bbl/ft	0.06095	Collapse	3450	3,720		
Jt # or Item	Item or Jt. Lgth.	Total Length	Calc'd disp / jt	Calc'd tot disp	Actual tot disp	Calc Bbl to fill jt	Calc tot fill	Actual tot fill	Remarks	Depth 1010
1	1.55	1.55	0.0180	0.0180		0.094473	0.0945			1008.45
2	42.19	43.74	0.4911	0.5091		2.571481	2.6660		CENT.	966.26
3	1.30	45.04	0.0151	0.5243		0.079235	2.7452			964.96
4	42.18	87.22	0.4910	1.0152		2.570871	5.3161		CENT	922.78
5	42.20	129.42	0.4912	1.5064		2.57209	7.8881		CENT.	880.58
6	42.16	171.58	0.4907	1.9972		2.569652	10.4578		CENT	838.42
7	42.17	213.75	0.4909	2.4881		2.570262	13.0281			796.25
8	42.19	255.94	0.4911	2.9791		2.571481	15.5995		CENT	754.06
9	42.20	298.14	0.4912	3.4703		2.57209	18.1716			711.86
10	42.18	340.32	0.4910	3.9613		2.570871	20.7425			669.68
11	42.18	382.50	0.4910	4.4523		2.570871	23.3134			627.50
12	42.18	424.68	0.4910	4.9433		2.570871	25.8842			585.32
13	42.21	466.89	0.4913	5.4346		2.5727	28.4569			543.11
14	42.18	509.07	0.4910	5.9256		2.570871	31.0278			500.93
15	42.20	551.27	0.4912	6.4168		2.57209	33.5999			458.73
16	42.20	593.47	0.4912	6.9080		2.57209	36.1720			416.53
17	42.20	635.67	0.4912	7.3992		2.57209	38.7441			374.33
18	42.20	677.87	0.4912	7.8904		2.57209	41.3162			332.13
19	42.20	720.07	0.4912	8.3816		2.57209	43.8883			289.93
20	42.16	762.23	0.4907	8.8724		2.569652	46.4579			247.77
21	42.18	804.41	0.4910	9.3633		2.570871	49.0288			205.59
22	42.18	846.59	0.4910	9.8543		2.570871	51.5997			163.41
23	42.17	888.76	0.4909	10.3452		2.570262	54.1699			121.24
24	42.17	930.93	0.4909	10.8360		2.570262	56.7402			79.07
25	42.19	973.12	0.4911	11.3271		2.571481	59.3117			36.88
26	42.19	1015.31	0.4911	11.8182		2.571481	61.8831			-5.31
27	42.15	1057.46	0.4906	12.3088		2.569043	64.4522		OUT	-47.46
28	42.15	1099.61	0.4906	12.7995		2.569043	67.0212		OUT	-89.61
29		1099.61	0.0000	12.7995		0	67.0212			-89.61
30		1099.61	0.0000	12.7995		0	67.0212			-89.61
31		1099.61	0.0000	12.7995		0	67.0212			-89.61
32		1099.61	0.0000	12.7995		0	67.0212			-89.61
33		1099.61	0.0000	12.7995		0	67.0212			-89.61
34		1099.61	0.0000	12.7995		0	67.0212			-89.61
35		1099.61	0.0000	12.7995		0	67.0212			-89.61
36		1099.61	0.0000	12.7995		0	67.0212			-89.61
37		1099.61	0.0000	12.7995		0	67.0212			-89.61
38		1099.61	0.0000	12.7995		0	67.0212			-89.61
39		1099.61	0.0000	12.7995		0	67.0212			-89.61
40		1099.61	0.0000	12.7995		0	67.0212			-89.61
41		1099.61	0.0000	12.7995		0	67.0212			-89.61
42		1099.61	0.0000	12.7995		0	67.0212			-89.61
43		1099.61	0.0000	12.7995		0	67.0212			-89.61
44		1099.61	0.0000	12.7995		0	67.0212			-89.61
45		1099.61	0.0000	12.7995		0	67.0212			-89.61
46		1099.61	0.0000	12.7995		0	67.0212			-89.61