

RM

Form 3160-5
(April 2004)

OCC-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

RECEIVED
JAN 21 2010
NMOCD ARTESIA

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NADEL AND GUSSMAN HEYCO, LLC

3a. Address
PO BOX 1936 ~ ROSWELL NM 88202-1936

3b. Phone No. (include area code)
575/623/6601

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Unite N, 660' FSL & 2,310' FWL
Sec 13: T18S, R31E**

5. Lease Serial No.
NMNM-2538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No.
Longarm 13 Federal #1

9. API Well No.
30-015-37450

10. Field and Pool, or Exploratory Area
E. Shugart Delaware

11. County or Parish, State
Eddy, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Csg and Cmt Surface Report
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BLM Bond No. NMB000520
Surety Bond No. B004230

Spud Well on 12/29/09 at 12:00 a.m.

12/29/09 TD 11" hole at 880". Total pipe ran 21 jts of 8 5/8" 24# J-55 STC csg, ran with 5 centralizers, 836.25, 792.69, 750.47, 708.32, 624.04. Lead: Cmt was 220 sx Class C with 2% CACL+1/4# Celloflake 14.8 ppg, yeild 1.35 cu/ft.sx, 6.35 gal/sx. Tail: 157 sks Class C+2% CACL 14.80 ppg, yeild 1.35 cu/ft sx, 6.32 gal/sx.

No problems w/pipe or cmt job. Plug dn 9:08 p.m. 12/29/09. Circ 129 sks cmt to pit. Ck flow (did not hold, lift head on w/2000 psi). Notified Carlsbad BLM @ 2:05 p.m. 12/29/09 (Terry) not witness for cmt job.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tammy R. Link

Title **Production Tech**

Signature

Date

12/31/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

JAN 19 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

/s/ Chris Walls

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.

(Instructions on page 2)

ACCEPTED FOR RECORD

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**

RM

SUMMARY CASING AND CEMENTING REPORT

STRING: SURFACE DATE: 12/29/2009
OPERATOR: NADEL & GUSSMAN HEYCO WELL: LONGARM 13 FED #1
CONTRACTOR: PATRIOT RIG: #1
REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	11	DEPTH: 880	
11" HOLE			880.00
8 5/8" FLOAT SHOE			<u>1.45</u>
			878.55
1 JTS 8 5/8" 24# J-55 STC Csg			<u>42.30</u>
			836.25
8 5/8" FLOAT COLLAR			<u>1.45</u>
			834.80
20 JTS 8 5/8" 24# J-55 STC Csg			<u>844.36</u>
			9.56
KB TO GL			<u>18.50</u>

CENTRALIZERS PLACED @ 836.25, 792.69, 750.47, 708.32, 624.04

REMARKS:

TOTAL CASING DELIVERED.... 23 JTS 8 5/8" 24# J-55 STC (970.73)
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
FLOAT SHOE, 1 SHOE JTS, FLOAT INSERT, WERE THREAD LOCKED.
TAGGED BOTTOM NO FILL. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 2 JTS 8 5/8" 24# J-55 STC [84.07].
DISPOSITION 2 JTS 8 5/8" CSG DELVERED BACK TO TOOL PUSHER IN ARTESIA

CEMENTING DATA

COMPANY: BJ SERVICES

DISTRICT: ARTESIA

1ST STAGE:

PREFLUSH: 20 bbls FW,

LEAD: 220 SKS Class "C" 2%CACL+1/4#CELLOFLAKE 14.8PPG, yeild 1.35 cu/ft.sx, 6.35 gal/sx

TAIL: 157 SKS CLASS C+2%CACL. 14.80PPG, yeild 1.35 cu/ft sx, 6.32 gal/sx

NOTE:

NO PROBLEMS W/ PIPE OR CMT JOB. PLUG DN 9:08PM 12/29/09. CIRC 129 SKS CMT TO PIT. CK FLOW (DID NOT HOLD, LIFT HEAD ON W/ 200PSI). CARLSBAD BLM @ 2:05PM 12/29/09 (TERRY) NO WITNESS FOR CEMENT JOB.

DATE : 12/29/2009		WELL :		LONGARM 13 FEDERAL # 1						
Casing OD	8 5/8	Grade J-55 / STC		Displacement bbl/ft		0.01268	Burst		3930	Torque
Casing ID	8.097	Weight 24#		Capacity bbl/ft		0.06370	Collapse		2530	2440-3050
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
									Centrilizers	880
1	1.45	1.45	0.0184	0.0184		0.092365	0.0924		F/S	878.55
2	42.30	43.75	0.5364	0.5548		2.69451	2.7869		Centrilizers	836.25
3	1.45	45.20	0.0184	0.5731		0.092365	2.8792		F/C	834.80
4	42.11	87.31	0.5340	1.1071		2.682407	5.5616		Centrilizers	792.69
5	42.22	129.53	0.5353	1.6424		2.689414	8.2511		Centrilizers	750.47
6	42.15	171.68	0.5345	2.1769		2.684955	10.9360		Centrilizers	708.32
7	42.14	213.82	0.5343	2.7112		2.684318	13.6203			666.18
8	42.14	255.96	0.5343	3.2456		2.684318	16.3047		Centrilizers	624.04
9	43.43	299.39	0.5507	3.7963		2.766491	19.0711			580.61
10	42.00	341.39	0.5326	4.3288		2.6754	21.7465			538.61
11	42.20	383.59	0.5351	4.8639		2.68814	24.4347			496.41
12	42.15	425.74	0.5345	5.3984		2.684955	27.1196			454.26
13	42.21	467.95	0.5352	5.9336		2.688777	29.8084			412.05
14	41.90	509.85	0.5313	6.4649		2.66903	32.4774			370.15
15	42.79	552.64	0.5426	7.0075		2.725723	35.2032			327.36
16	42.95	595.59	0.5446	7.5521		2.735915	37.9391			284.41
17	42.16	637.75	0.5346	8.0867		2.685592	40.6247			242.25
18	40.63	678.38	0.5152	8.6019		2.588131	43.2128			201.62
19	42.19	720.57	0.5350	9.1368		2.687503	45.9003			159.43
20	42.36	762.93	0.5371	9.6740		2.698332	48.5986			117.07
21	42.22	805.15	0.5353	10.2093		2.689414	51.2881			74.85
22	42.20	847.35	0.5351	10.7444		2.68814	53.9762			32.65
23	42.21	889.56	0.5352	11.2796		2.688777	56.6650			-9.56
24	42.05	931.61	0.5332	11.8128		2.678585	59.3436		OUT	-51.61
25	42.02	973.63	0.5328	12.3456		2.676674	62.0202		OUT	-93.63
26	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
27	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
28	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
29	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
30	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
31	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
32	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
33	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
34	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
35	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
36	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
37	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
38	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
39	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
40	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
41	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
42	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
43	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
44	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
45	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
46	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63

[illegible]

[illegible]

259	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
260	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
261	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
262	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
263	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
264	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
265	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
266	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
267	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
268	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
269	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
270	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
271	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
272	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
273	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
274	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
275	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
276	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
277	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
278	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
279	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
280	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
281	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63
282	0.00	973.63	0.0000	12.3456		0	62.0202			-93.63