Form 3160-4 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMBNO 1004-0137
Expires. March 31, 2007

	WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5	5. Lease Senal No NMNM-40450		
Town of Well Glob Well Dry Gother										6	6 If Indian, Allottee or Tribe Name			
1a. Type of Well ✓ Oil Well ☐ Gas Well ☐ Dtry ☐ Other b Type of Completion ✓ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr, .											U if finding, reference of 11100 feature			
о турс	or complet	, (OII	Other	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			- B 134011			7	Unit o	r CA Agree	ement Name and N
Name of Operator NADEL AND GUSSMAN HEYCO, LLC										8		Name and 7 Federal		
3. Address P.O. BOX 1936, ROSWELL, NM 88202-1936 3a Philip B 30 575-623-6601									6601 -	-	9	9 AFI Well No #5		
4 Location of Well (Report location clearly and in accordance with Federal								il requirements)*				10. Field and Pool, or Exploratory Young Delaware North		
At su		60' FNL					, At	Ju Z	5 ZU1	1	11			
At top prod interval reported below								RECEIVED				11. Sec., T, R., M., on Block and Survey or Area Sec. 7: T18S, R32E		
-	-	-					1 6	KFCE	IVED		12		y or Parish	13 State
At tot	al depth		15	Date T D. Re	eached		16 Date Completed 07/25/2011				17	Lea NM 17 Elevations (DF, RKB, RT, GL)*		
	1/2011			06/30/201			□D &		Ready			GL 37	789'	
8. Total	4	/ID 5465	;'	1	Plug Back 7	D. MD	5378'		20 Dep	oth Bridg	e Plug Set.			
		'VD		\		TVD						TVI]	n/a
,,				al Logs Run						s well co				mit analysis) mit report)
Cmt	Bond Log	and Du	al Late	rolog, Borel	ole Volume	Log, Pectr	al Density	Log		ectional S		Mo L Mo		Submit copy)
3. Casin	ig and Lin	er Record	1 (Rep	ort all string		Stag	e Cementer	λt-	of Sks. &	C1	w Vol			
Hole Size	Size/Gra	ade Wt	. (#/ft.)	Top (MD)) Bottom	1MIII -	Depth		of Cement		y Vol BBL)	Cemen		Amount Pulled
t 1	8 5/8 .			surface	1011'				Class C			surfac	e	
7 7/8	5 1/2 .	J55 17	#	surface	5465'			800/0	Class C			1150'		
									·	<u> </u>				
	a Decord													
		Set (MI)	Pack	er Denth (MD) Size	Deni	th Set (MD)	Packer	Depth (MI	0)	Size	Denth	Set (MD)	Packer Depth (
Size		Set (MD	' 	er Depth (MD) Size	Dept	th Set (MD)	Packer	Depth (MI	D)	Size	Depth	Set (MD)	Packer Depth (
Size 2 7/8	Depth		' 	-		26	Perforation	Record				1		
Size 2 7/8 5. Produ	Depth 4927'	als	' 	4' TAC	Bottor	26		Record		Size	No. H	1	F	Packer Depth (
Size 2 7/8 5. Produ	Depth 4927' cing Interv	als	' 	4' TAC		26	Perforation	Record				1		
Size 2 7/8 5. Produ	Depth 4927' cing Interv Formatio	als	' 	4' TAC	Bottor	26	Perforation	Record		Size	No. H	1	F	
Size 2 7/8 25. Produ A) Dela B)	Depth 4927' cing Interv Formatio	als	' 	4' TAC	Bottor	26	Perforation	Record		Size	No. H	oles	Open .	
Size 2 7/8 5. Produ Dela Dela A) Dela C) Acid,	Depth 4927' cong Interv Formation ware Fracture, To	als n	492	4' TAC	Bottor	26	Perforation Perforated I	n Record Interval	.3	Size	No. H	oles	Open .	Perf Status
Size 2 7/8 5. Produ Dela Dela Acid,	Depth 4927' cing Interv Formatio ware Fracture, To Depth Inter	als n	492	4' TAC Top 5010' Squeeze, etc	Bottor 5140'	26 n	Perforation Perforated I	Record	.3	Size 9"	No. H	oles	Open .	Perf Status
Size 2 7/8 5. Produ Dela Dela A) Dela C) Acid,	Depth 4927' cing Interv Formatio ware Fracture, To Depth Inter	als n	492	4' TAC Top 5010' Squeeze, etc	Bottor	26 n	Perforation Perforated I	Record	.3	Size 9"	No. H	oles	Open F	Perf Status
Size 2 7/8 25. Produ A) Dela B) C) 7. Acid,	Depth 4927' cing Interv Formatio ware Fracture, To Depth Inter	als n	492	4' TAC Top 5010' Squeeze, etc	Bottor 5140'	26 n	Perforation Perforated I	Record	.3	Size 9"	No. H	oles	Open .	Perf Status
2 7/8 25. Produ A) Dela 3) (C) (D) (27. Acid, (S) (S) (S) (S) (S) (S) (S) (S) (S) (S)	Depth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140'	als n reatment, (492	4' TAC Top 5010' Squeeze, etc	Bottor 5140'	26 n	Perforation Perforated I	Record	.3	Size 9"	No. H	oles	Open F	Perf Status
Size 2 7/8 2 7/8 25. Produ A) Dela 3) C)) 7. Acid, 5010*-5.	Depth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' action - Inter Test	als n reatment, (val rval A Hours	Cement	4' TAC Top 5010' Squeeze, etc 2000 gal 1	Bottor 5140'	26 n	Perforation Perforated 1 Al 22 25# XLII	mount a	nd Type of 2,912 #s	Size 9" Materia 20/40	No. H	oles JG 7	Open O 201	Perf Status CCONC
Size 2 7/8 2 7/8 25. Produ A) Dela 3) C))) 17. Acid, 5010'-5.	Depth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' iction - Inter Test Date	reatment, (val	Zement	4' TAC Top 5010' Squeeze, etc 2000 gal 1	Bottor 5140' 57% NEFE A	26 n Acid, 126,68	Perforation Perforated 1 Al 22 25# XLIN Oil Grav Corr Al	mount a	.3	Size 9" Materia 20/40	No. H	oles JG Z Method DF LAN	Open O 201 O MAN	Perf Status Perf Status AGEMENT
Size 2 7/8 5.5. Produ 5.6. Produ 6.7. Acid,	Depth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' action - Inter Test	als n reatment, (val rval A Hours	Cement	4' TAC Top 5010' Squeeze, etc 2000 gal 1.	Bottor 5140' 5% NEFE A Gas MCF 385 Gas	26 n Water BBL 141 Water	Perforation Perforated I A: A: Cor Af Gas/Oil	mount a	nd Type of 2,912 #s	Size 9" Material 20/40	No. H	oles JG Z Method DF LAN	Open O 201	Perf Status Perf Status AGEMENT FFICE
Size 2 7/8 5. Produ) Dela) 7. Acid, Date First Produced 7/26/2011 Choke Size	Depth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' Interval of the control	reatment, (val	Cement	4' TAC Top 5010' Squeeze, etc 2000 gal 1 cton Oil BBL 150	Bottor 5140' 57% NEFE A	26 n Water BBL 141	Perforation Perforated 1 A: 22 25# XLII Oil Grav Corr AI 36	mount a	nd Type of 2,912 #s	Size 9" Material 20/40	No. H	oles JG Z Method DF LAN	Open O 201 O MAN	Perf Status Perf Status AGEMENT
Size 2 7/8 2 7/8 5. Produ A) Dela B) C) 7. Acid, 5010'-5. 8 Produced 7/26/2011 Choke Size n/a	Depth 4927' cong Interv Formation ware Fracture, To Depth Inter 140' Interval of the control	als n reatment, (val Hours Tested 24 Csg Press	Test Produ	4' TAC Top 5010' Squeeze, etc 2000 gal 1.	Bottor 5140' 5% NEFE A Gas MCF 385 Gas	26 n Water BBL 141 Water	Perforation Perforated I A: A: Cor Af Gas/Oil	mount a	nd Type of 2,912 #s	Size 9" Material 20/40	No. H	oles JG Z Method DF LAN	Open O 201 O MAN	Perf Status Perf Status AGEMENT FFICE
Size 2 7/8 2 7/8 5. Produ A) Dela B) C) D) 7. Acid, 5010'-5. 8 Produ Date First Produced 7/26/2011 Choke Size n/a 8a. Prod Date First	Pepth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' Interval 14	reatment, (val A Hours Tested 24 Csg Press erval B Hours	Test Test	4' TAC Top 5010' Squeeze, etc 2000 gal 1 ction Oil BBL 150 Oil BBL	Botton 5140' 5% NEFE A Gas MCF 385 Gas MCF	Water BBL 141 Water BBL	Perforation Perforated I A: A: Col Grav Corr Af 36 Gas/Oil Raho Oil Grav	mount a	nd Type of 2,912 #s Gas Gravit Well Si	Size 9" Material 20/40	No. H 46 All Production N Production N Production N Production N	oles JG A Method DF LAN SBAD	Open O 201 O MAN	Perf Status Perf Status AGEMENT FFICE
Size 2 7/8 2 7/8 25. Produ A) Dela 3) C) 7. Acid, 5010'-5: 8 Produ Date First Produced 7/26/2011 Choke Size n/a 88. Prod Date First	Pepth 4927' Cing Interv Formatio Interv Formatio Interv Formatio Interv Fracture, Ti Depth Inter Id0' Interv Id0' Id0' Id0' Id0' Id0' Id0' Id0' Id0'	als n reatment, (val Hours Tested 24 Csg Press	Test Produ	Top 5010' Squeeze, etc 2000 gal 1 Coll BBL Oil BBL	Bottor 5140' 5% NEFE A Gas MCF 385 Gas MCF	Water BBL 141 Water BBL	Perforation Perforated 3 Al 22 25# XLII Oil Grav Cort Al 36 Gas/Oil Raho	mount a	nd Type of 2,912 #s	Size 9" Material 20/40	No. H	oles JG A Method DF LAN SBAD	Open O 201 O MAN	Perf Status Perf Status AGEMENT FFICE
Size 2 7/8 2 7/8 25. Produ A) Dela 3) 27. Acid, 5010'-5. 8 Produced 7/26/2011 Choke Size n/a	Pepth 4927' cing Interv Formatio ware Fracture, Ti Depth Inter 140' Interval 14	reatment, (val A Hours Tested 24 Csg Press erval B Hours	Test Test	Top 5010' Squeeze, etc 2000 gal 1: ction BBL 150 Oil BBL Oil BBL	Botton 5140' 5% NEFE A Gas MCF 385 Gas MCF	Water BBL 141 Water BBL	Perforation Perforated I A: A: Col Grav Corr Af 36 Gas/Oil Raho Oil Grav	mount a	nd Type of 2,912 #s Gas Gravit Well Si	Size 9" Materia 20/40	No. H 46 All Production N Production N Production N Production N	oles JG A Method DF LAN SBAD	Open O 201 O MAN	Perf Status Perf Status AGEMENT FFICE

201 D 1	. T.	1.0								
Date First	action - Inte	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	Troubles Madios	
			-							
Choke	Tbg Press	Csg. Press	24 Hr	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
Size	Flwg. SI	ritas	Rate	552	MCI	1 555	Kano			
28c Prod	uction - Int	erval D			 					
Date First	Test	Hours	Test	Oıl	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL .	MCF	BBL	Corr API	Gravity		
			->							
Choke	Tbg Press	Csg.	24 Hr	Oil BBL	Gas	Water	Gas/Oil Ratio	Well Status		
Size	Flwg SI	Press.	Rate	BBL	MCF	BBL	Kauo			
~~ D		2 - 40 11	16.6.1							
	_		used for fuel,	ventea, et	c.) 	_	111	.1		
5	02D	C_{α}	orc	001	2/0	R81	/2/11) (<u> </u>
30. Sum	mary of Po	rous Zones	(Include Aq	uffers):		,	1.50		ion (Log) Markers	
Shov	vallimnor	tant zones	of porosity :	and conten	its thereof:	Cored interv	als and all drill-ster	n		
tests.	including	depth inter	val tested, cu	shion used	, time tool o	pen, flowing	and shut-in pressure	es		
and i	ecoveries.									
									N.	Тор
Form	nation	Тор	Bottom		Desc	riptions, Con	tents, etc.		Name	Meas. Depth
		-045								060
Delawar	e	5010	5250	Oil a	& FM Wat	er		Rustler Salado		960 1150
No		Cores		ļ				Bx (Bas	e Salt)	2210
No		DST's						Yates	•	2365
								Seven R	ivers	2845
								Bowers Oueen		3300 3550
				1				Penrose		3780
								Graybu		4070
								San And		4500
								Delawar TD	re	4850 5465
								10		3403
			-							
									,	
			-							
			1					į		
		1								
32. Addit	tional remai	rks (includ	e plugging pr	ocedure):						
33. Indica	ite which it	mes have b	een attached	by placin	g a check in	the appropris	ate boxes.			
✓ Ele	ectrical/Me	chanical Lo	ogs (1 full se	t reg'd)	□G	eologic Repo	ort DST Repor	t 📝 Direction	nal Survey	
			ing and ceme		_	ore Analysis		_		
_	•	. 00	J			<u> </u>				
34. I here	by certify th	hat the fore	eoine and at	tached info	ormation is c	omplete and	correct as determine	d from all availa	ble records (see attached instru	actions)*
5 I HOLO	oy coming t	0.0 1010				processing			((minute minute	,
							Title Prod	uction Tech		
Name (
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C		1	" \\ .	Lu	K		Date 08/01	/2011		
Signat	<u></u>	, ,,,,,,,) '``		<u> </u>		Date			

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.