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Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

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.

SUBMIT IN TRIPLICATE *- Other instructions on reverse side.*

5. Lease Serial No.
NM-100590 111242

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other ✓

8. Well Name and No.
Pearsall 6 Federal #9 ✓

2. Name of Operator **Nadel and Gussman HEYCO, LLC** ✓

9. API Well No.
30025391/35 ✓

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

3b. Phone No. *(include area code)*
505.623.6601

10. Field and Pool, or Exploratory Area
Young; Bone Spring North ✓

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1750' FSL & 1060' FEL, Sec. 6, T18S, R32E ✓
Unit I

11. County or Parish, State
Lea, 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 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 recomplete 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 recompletion 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.)

See Attached Production Csg Report;
See Attached Cement Report from Schlumberger dated 10/31/08

ACCEPTED FOR RECORD
NOV 29 2008
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Tammy R. Link Title **Production Tech**

Signature Tammy R. Link Date **11/04/2008**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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 KZ

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)

NADEL AND GUSSMAN HEYCO LLC
PRODUCTION CASING REPORT

WELL: Pearsall 6 Fed #9
LOCATION: 1750' FSL & 1060' FEL
S/T/R: SEC 6, T18S, R32E
COUNTY: LEA
STATE: N.M

DEPTH: 9,166 DATE: 10/31/08
CASING SIZE: 5.5
CEMENT CO: SCHLUMBERGER
FOREMAN: KEITH CANNON
RIG: Amerimex Rig #1

1

ITEM:	NO. JTS:	LENGTH:	WT:	GRADE:	THREAD:	TOP:	BOTTOM:
1	Float Shoe	1.5				9164.50	9166.00
2	2	77.78	17#	L-80	LT&C	9086.72	9164.50
3	Float Collor	1.5				9085.22	9086.72
4	21	813.24	17#	L-80	LT&C	8271.98	9085.22
6	128	5653.96	15.5#	L-80	LT&C	2618.02	8271.98
7	68	2636.11	17#	L-80	LT&C	-18.09	2618.02
8							
9							
10							
11							
12							
TOTALS:	219	9,184.09					

CASING DELIVERED (Threads off Talley)

	JTS	LENGTH	WT	GRADE	THREAD
	232	9695.8	17/15.5	L-80	LT&C
TOTAL:	232	9,695.80			

CASING LEFT OVER

JTS	LENGTH	WT	GRADE	THREAD
13	511.71	17/15.5	L-80	LT&C
CUT OFF:	29.5	17#	L-80	LT&C

CEMENT:	SX	DESCRIPTION	PPG	YIELD	M/W GAL/SX	BBL SLRY	SX CIRC
1ST LEAD	750	Poz/H,5%D44(BWOW), 6% D20, 0.2%D65,0.2% D46,0.2%D800	12.6	2.04	11.2	272.5	
1ST TAIL	800	TXI,1.33%D44(DWOW), 0.2%D46,0.3%D167, 0.2%D65,0.35%D800	13	1.41	7.26	200.9	
2ND LEAD						0.0	
2ND TAIL						0.0	

WATER REQUIRED 1ST STAGE
MIX 338 DISP 215.4 MISC 50 TOTAL 604
WATER REQUIRED 2ND STAGE
MIX 0 DISP 0.0 MISC 50 TOTAL 50

COMMENTS: TD 11:30AM 10/29/08 @ 9166'. No problems with casing or cement job. Plug down @ 5:05pm 10/31/08. Called Hobbs BLM for casing & cement job, Spoke w/ Jim McCormick

BLM

Schlumberger

DESIGN - EXECUTE - EVALUATE - REPORT

5 1/2 Long String

Company Name:	**Nadel & Gussman Heyco LLC**
WellName & #:	**Persall 6 Federal # 9**
County, State:	**Lea, New Mexico**
Company Rep:	**Kevin Cannon**

Prepared By:	**Emery Fisher**
Title:	**FS1**
District:	**ANM**
Phone #:	**746-9363**
Sales:	**Donald Garcia**
City:	**Artesia**
Date:	**10/31/2008**

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Service Order

2008-Oct-31

Customer	Person Taking Call	Dowell Location	OrderDate	Job Number
NADEL & GUSSMAN HEYCO LLC	Crowe, Russel	Artesia, NM	2008-Sep-16	2202046827

Well Name and Number	Legal Location	Field	County	State/Province
Pearsall 6 Federal 9			Lea	New Mexico

Well Master: 0631030212 API / UWI:

Rig Name	Well Age	Sales Engineer	Job Type
Amerimex 1	New	Crowe, Russell	Cem Prod Casing

Time Well Ready	Deviation	Bit Size	Well MD	Well TVD	BHP	BHST	BHCT
	°	7.88 in	9,200 ft	9,200 ft	psi	145 °F	125 °F

Treat Down	Packer Type	Packer Depth	WellHead Connection	HHP on Location	Max AllowedPressure	Max Allowed AnnPressure
Casing		ft	5 1/2H,M,QC,Swad			

Casing

Depth, ft	Size, in	Weight, lb/ft	Grade	Thread
9200	5 5	17		

Tubing

Depth,	Size, In	Weight, lb/ft	Grade	Thread

Perforated Intervals

Top, ft	Bottom, ft	spf	No. of Shots	Total Interval
				ft

Diameter: in

Services Instructions:

Cement 9200' of 5 1/2 casing in 7 7/8 open hole
Need sugar 300#
Check all number with co-rep.

Extra Equipment:

Expected On Location:

Ready To Pump:

Contact	Voice	Mobile	FAX	Notes
Freddie Pontremoli		432-425-5976		

Notes:

Directions:

From Artesia go East on highway 82 to Highway 529. Turn right on 529 to mm7. Turn right at mm7 on to CR126 for 1.2 miles. Turn right for 0.2 miles, turn left for 1.7 miles, turn left for 0.1 mile, turn right for o.1 mile, turn left for 0.3 miles to locati

Other Notes:

Comments:

Fluid Systems:

Extra

Take 2 sks CemNet + 2sks Gel + 300# Sugar

Density:		lb/gal	*Thickening Time.*		
Yield:		ft³/sk			
H2O Mix	0	gal/sk			
H2O	0	gal	*Eq. Sack Weight:*	0	lb
			Total Blend:	0	sacks

Dowell Code	Conc/ Amount		Total Quantity
J424	100	lbs	100
Sugar	300	lbs	300
D095	100	lbs	100

Lead

750sks 35/65
Poz/H+5%D44(BWOW)+6%D20+0 2%D167+0 2%D65+0 2%D46+ 0 2%D800

Density	12 6	lb/gal	*Thickening Time:*		
Yield	2 04	ft³/sk			
H2O Mix	11.2	gal/sk			
H2O	8400	gal	*Eq. Sack Weight:*	88.75	lb
			Total Blend:	750	sacks

Dowell Code	Conc/ Amount		Total Quantity
D800	0 1775	lbs/sk	133.125
D909	61.1	lbs/sk	45825
D132	27 65	lbs/sk	20737.5
D020	5 325	lbs/sk	3993 75
D044	4 648	lbs/sk	3486
D065	0 1775	lbs/sk	133 125
D46	0 1775	lbs/sk	133 125
D167	0 1775	lbs/sk	133 125

Plug

5 1/2 Top Rubber Plug

Density.		lb/gal	*Thickening Time:*		
Yield:		ft³/sk			
H2O Mix:	0	gal/sk			
H2O:	0	gal	*Eq Sack Weight:*	0	lb
			Total Blend.	0	sacks

Dowell Code	Conc/ Amount	Total Quantity
56702054	1	1

Tail

800sks
TXI+1 33%D44(BWOW)+0 2%D46+0.3%D167+0 2%D65+0.35%D 800

Density:	13.0	lb/gal	*Thickening Time*		
Yield:	1 41	ft³/sk			
H2O Mix:	7.26	gal/sk			
H2O	5808	gal	*Eq Sack Weight:*	75	lb
			Total Blend:	800	sacks

Dowell Code	Conc/ Amount		Total Quantity
D049	75	lbs/sk	60000
D044	0 8043	lbs/sk	643 44
D046	0.15	lbs/sk	120
D167	0 225	lbs/sk	180
D065	0 15	lbs/sk	120
D800	0 2625	lbs/sk	210

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CemCAT Treatment Report

Well	: **Pearsall 8 Federal 9**
Field	:
Formation	:
Well Location	:
County	: Lea
State	: New Mexico
Country	: United States

Prepared for

Client	: Nadel & Gussman Heyco LLC
Client Rep	: Keith Cannon
Proposal No.	: 2202046827
Date Prepared	: 10-31-2008

Prepared by

Name	: Emery Fisher		
Division	: Schlumberger	Service Point	: Artesia, New Mexico
Phone	: 505-703-0736	Fax No.	: 505-748-2133

Comments :

Client : Nadel & Gussman Heyco LLC
Well : Pearsall 8 Federal 9
Formation :
District : Artesia, New Mexico
Country : United States
Loadcase :

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Section 1: Overall Measured Parameters

As Measured Totals		
Slurry Volume (bbl)	Displacement Volume (bbl)	Pump Time (min)
780.7	0.0	178.2

Average Treating Pressure:	588 psi
Maximum Treating Pressure:	2964 psi
Minimum Treating Pressure:	0 psi
Average Slurry Rate:	6.6 bbl/min
Maximum Slurry Rate:	10.1 bbl/min
Average Horsepower:	91.6 hhp
Maximum Horsepower:	400.0 hhp

Section 2: Message Log

#	Time	Message	Treating Pressure (psi)	Rate (bbl/min)	Density (lb/gal)	Stage (bbl)	Total (bbl)
1	14:09:06	Pressure Test Lines	2960	0.2	8.42	3.3	3.3
2	14:10:06	Start Spacer	-3	2.3	8.42	3.6	3.6
3	14:13:26	End Spacer, Vol = 20 bbl	317	7.3	8.42	27.1	27.1
4	14:13:26	Start Lead Cement	317	7.3	8.42	27.1	27.1
5	14:54:06	End Lead, Vol = 273 bbl	369	7.5	12.78	325.1	325.1
6	14:54:06	Start Tail Cement	369	7.5	12.78	325.1	325.1
7	15:24:06	End Tail, Vol = 201 bbl	307	6.2	13.26	521.4	521.4
8	15:31:46	Drop Plug	-22	0.0	8.43	554.3	554.3
9	15:32:26	Start Displacement	45	3.9	8.43	554.6	554.6
10	16:02:46	Slow Rate	2135	3.1	8.42	776.7	776.7
11	16:04:06	Bump Plug	2771	0.0	8.42	780.7	780.7
12	16:04:06	End Displacement, Vol = 201 bbl	2771	0.0	8.42	780.7	780.7

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NADEL & GUSSMAN PEARSALL 6 FEDERAL 9 PILOT LEAD

Fluid No	**: 2020 8C337001**	Client	**. Nadel & Gussman**	Location / Rig	**: Amerimex 1**
Date	: Oct-13-2008	Well Name	**. Pearsall 6 Federal 9**	Field	:

Signatures

John Jinks

Job Type	**LongString**	Depth	**9200.0 ft**	TVD	**9200.0 ft**
BHST	**154 degF**	BHCT	**(degF)**	BHP	**(psi)**
Starting Temp	80 degF	Time to Temp	00 46 hr.mn	Heating Rate	1.06 degF/min
Starting Pressure	610 psi	Time to Pressure	00 46 hr.mn	Schedule	9.7-1

Composition

Slurry Density	**12.60 lb/gal**	**Yield**	**2.07 ft3/sk**	**Mix Fluid**	**11.610 gal/sk**
Solid Vol. Fraction	**25.0 %**	Porosity	75.0 %	Slurry type	**Conventional**

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
35:65Poz:H		**88.7 lb of BLEND**	Blend	**186.56 lb/ft3**	
Fresh water	**11.438 gal/sk**		Base Fluid		
D044	**5.000 %BWOW**		Salt		
D020	**6.000 %BWOB**		Extender		
D167	**0.200 %BWOB**		Fluid loss		
D065	**0.200 %BWOB**		Dispersant		
D046	**0.200 %BWOB**		Antifoam		
D013	**0.200 %BWOB**		Retarder		

Rheology (Average readings)

(rpm)	(deg)	(deg)
300	**23.0**	**16.0**
200	**17.5**	**10.0**
100	**12.0**	**8.0**
60	**8.5**	**6.0**
30	**5.5**	**5.0**
6	**4.0**	**3.5**
3	**3.5**	**2.5**
10 sec Gel	**4**	**4**
10 min Gel	**9**	**8**
1 min Stirring	**21**	**19**

Temperature	80 degF	129 degF
	k : 1.74E-3 lbf s^n/ft2 n : 0.771 Ty 2.76 lbf/100ft2	k 2.55E-4 lbf.s^n/ft2 n : 0.997 Ty . 3.41 lbf/100ft2

Thickening Time

Consistency	Time
POD :	**04:47 hr:mn**
30 Bc	**05:56 hr:mn**
50 Bc	**07:14 hr:mn**
70 Bc	**08:00 hr:mn**

Remark : Thickening time do not include batch time

Free Fluid

14.0 mL/250mL	in 2 hrs
At **129 degF** and **0** deg incl.	
Sedimentation	**None**

Comments

General Comment :
Fann Reading Comment :
Thickening Time Comment .
Other test Comment : . ; ; ;

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NADEL & GUSSMAN PEARSALL 6 FEDERAL 9 PILOT TAIL

Fluid No	: 2020 8C337002	Client	Nadel & Gussman	Location / Rig	: Amerimex 1
Date	: Oct-13-2008	Well Name	. Pearsall 6 Federal 9	Field	:

Signatures

John Jinks

Job Type	LongString	Depth	9200.0 ft	TVD	9200.0 ft
BHST	154 degF	BHCT	(degF)	BHP	(psi)
Starting Temp	80 degF	Time to Temp.	00 46 hr:mn	Heating Rate	1 06 degF/min
Starting Pressure	: 610 psi	Time to Pressure	00:46 hr:mn	Schedule	9 7-1

Composition

Slurry Density	13.00 lb/gal	Yield	1.41 ft3/sk	Mix Fluid	7.304 gal/sk
Solid Vol. Fraction	30.8 %	Porosity	69.2 %	Slurry type	Conventional

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
PVL		75.0 lb of BLEND	Blend	176.05 lb/ft3	
Fresh water	7.277 gal/sk		Base Fluid		
D044	1.330 %BWOW		Salt		
D046	0.200 %BWOC		Antifoam		
D167	0.300 %BWOC		Fluid loss		
D065	0.200 %BWOC		Dispersant		
D800	0.300 %BWOC		Retarder		

Rheology (Average readings)

(rpm)	(deg)	(deg)
300	25.0	50.0
200	18.0	41.5
100	11.5	27.5
60	9.5	20.0
30	6.5	16.0
6	5.0	7.5
3	4.5	5.5
10 sec Gel	8	6
10 min Gel	9	10
1 min Stirring	29	50
Temperature	80 degF	129 degF
	k : 4.32E-4 lbf s^n/ft2 n : 0.995 Ty : 4 79 lbf/100ft2	k : 1.35E-2 lbf.s^n/ft2 n : 0 578 Ty : 2 67 lbf/100ft2

Thickening Time

Consistency	Time
POD :	01:23 hr:mn
30 Bc	01:51 hr:mn
50 Bc	02:31 hr:mn
70 Bc	02:58 hr:mn
Remark : Thickening time do not include batch time	

Free Fluid

0.0 mL/250mL	in 2 hrs
At 129 degF and 0 deg incl	
Sedimentation	None

Comments

General Comment :
Fann Reading Comment
Thickening Time Comment :
Other test Comment : ; ; ;

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NADEL & GUSSMAN PEARSALL 6 FEDERAL 9 FIELD BLEND TAIL

Fluid No	: 2020 8C351002	Client	: Nadel & Gussman	Location / Rig	: Lea, NM
Date	: Oct-22-2008	Well Name	: Pearsall 6 Federal 9	Field	:

Signatures

Freddy Orquiz

Job Type	Longstring	Depth	9200.0 ft	TVD	9200.0 ft
BHST	153 degF	BHCT	(degF)	BHP	(psi)
Starting Temp.	80 degF	Time to Temp	00.46 hr mn	Heating Rate	1 05 degF/min
Starting Pressure	610 psi	Time to Pressure	00:46 hr:mn	Schedule	9.7-1

Composition

Slurry Density	13.00 lb/gal	Yield	1.41 ft3/sk	Mix Fluid	7.304 gal/sk
Solid Vol Fraction	30.8 %	Porosity	69 2 %	Slurry type	Conventional

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
PVL		75.0 lb of BLEND	Blend	176.05 lb/ft3	
Fresh water	7.277 gal/sk		Base Fluid		
D044	1.330 %BWOW		Salt		
D046	0.200 %BWOC		Antifoam		
D167	0.300 %BWOC		Fluid loss		
D065	0.200 %BWOC		Dispersant		
D800	0.300 %BWOC		Retarder		

Rheology (Average readings)

(rpm)	(deg)	(deg)
300	23.0	39.0
200	18.0	34.5
100	12.5	26.5
60	10.5	24.0
30	9.5	20.0
6	6.0	11.5
3	5.5	10.5
10 sec Gel	9	12
10 min Gel	12	19
1 min Stirring	25	40

Temperature	80 degF	129 degF
	k : 2.11E-3 lbf s^n/ft2 n : 0 719 Ty : 5.05 lbf/100ft2	k : 4.17E-2 lbf.s^n/ft2 n : 0.350 Ty : 2.87 lbf/100ft2

Thickening Time

Consistency	Time
POD .	01:11 hr:mn
30 Bc	01:39 hr:mn
50 Bc	02:12 hr:mn
70 Bc	02:20 hr:mn

Remark : Thickening time do not include batch time

Free Fluid

0.0 mL/250mL	in 2 hrs
At 129 degF and 0 deg incl	
Sedimentation	None

Comments

General Comment :
Fann Reading Comment :
Thickening Time Comment :
Other test Comment . ; ; ;