

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTMAR 30 2009
OCD-ARTESIAFORM 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.

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 88202-19363b. Phone No. (include area code)
505.623.66014. Location of Well (Footage, Sec., T., R., M., or Survey Description)
930' FSL & 660' FEL, Sec. 1, T18S, R31E

5. Lease Serial No

NM1106718

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No
Cholla 1 Federal #99. API Well No.
30-015-3643810. Field and Pool, or Exploratory Area
Tamano; Bone Spring11. County or Parish, State
Eddy, New Mexico

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

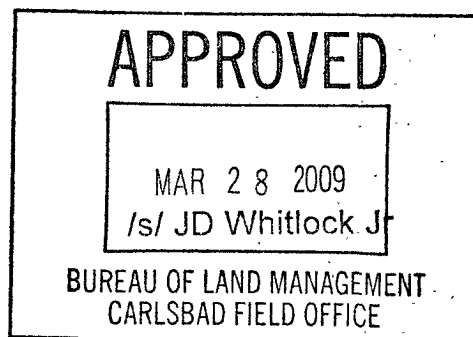
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> 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 recompleat 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 recompleat 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.)

1. Formation: Bone Spring
2. BWPD: 4
3. Water Analysis: See Attached
4. Lease Storage: Stock tanks
5. Water transported by truck to disposal.
6. Operator: I&W Inc. to disposal well:
P.O. Box 98
Loco Hills, NM 88255

Walter Solt State SWD #1
Sec. 5, T18S, R28E
Eddy Co., NM

Accepted for record
NMOCDS

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

Title Production Tech

Signature

Date

03/19/2009

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

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)



Catalyst Oilfield Services
 11999 E Hwy 158
 Gardendale, TX 79758
 (432) 563-0727
 Fax: (432) 224-1038

Water Analysis Report

Company: NADEL AND GUSSMAN HEYCO, LLC Sample #: 12131
 Area: Maljamar Analysis ID #: 1425
 Lease: Cholla 1 Federal
 Location: 9 0
 Sample Point: Wellhead

Sampling Date:	3/5/09	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	3/13/09	Chloride:	91100.1	2569.6	Sodium:	45996.6	2000.74
Analyst:	Mitchell	Bicarbonate:	24.4	0.4	Magnesium:	1649.4	135.69
TDS (mg/l or g/m3):	148515	Carbonate:			Calcium:	8844.0	441.32
Density (g/cm3):	1.103	Sulfate:	780.0	16.24	Strontium:		
					Barium:		
					Iron:	226.0	8.17
Hydrogen Sulfide:					Manganese:	9.100	0.33
Carbon Dioxide:							
Comments:		pH at time of sampling:		5.77			
		pH at time of analysis:					
		pH used in Calculation:		5.77			
		Temperature @ lab conditions (F):		75	Conductivity (micro-ohms/cm):		181900
					Resistivity (ohm meter):		.0550

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl											
Temp	Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	1.24	0.00	-0.24	0.00	-0.24	0.00	0.00	0.00	0.00	0.00	
100	-1.15	0.00	-0.30	0.00	-0.24	0.00	0.00	0.00	0.00	0.00	
120	-1.06	0.00	-0.35	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	
140	-0.96	0.00	-0.38	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	