

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Nadel and Gussman HEYCO, LLC PO BOX 1936 ROSWELL NM 88202-1936		² OGRID Number 258462
³ Property Code 44970 305052		⁴ API Number 30 - 025-27610
⁵ Property Name Richardson Fee		⁶ Well No. 1
⁹ Proposed Pool 1 Atoka		¹⁰ Proposed Pool 2 BASAL ABO/ U WOLFCAMP

⁷ Surface Location

UL or lot no. C	Section 5	Township 14S	Range 36E	Lot Idn C	Feet from the 660'	North/South line NORTH	Feet from the 1,980	East/West line WEST	County LEA
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code BE P	¹² Well Type Code G	¹³ Cable/Rotary na	¹⁴ Lease Type Code FEE	¹⁵ Ground Level Elevation 3,968'
¹⁶ Multiple	¹⁷ Proposed Depth	¹⁸ Formation	¹⁹ Contractor	²⁰ Spud Date N/A
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic n/a mils thick Clay <input type="checkbox"/> Pit Volume: n/a bbls Drilling Method:				
Closed-Loop System <input type="checkbox"/> Fresh Water Brine Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
Pre-existing	(will not change)	Casino			

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Dump 35' cement at PBD (CIBP is set at 13300' above Miss Lm).

Perf the Lower Atoka 12934-59' and acidize with 1500 gals. NE Fe 7.5% HCL.

If Lower Atoka to be permanently abandoned, set CIBP at approximately 12900'. Perf Upper Atoka 12438-42' and acidize with 500 gals. NE FE 7.5% HCL. Note: If either Atoka zone is commercially gas productive, we will squeeze off the WC/Bough zones uphole and place packer fluid in annulus.

If Atoka is to be abandoned, set CIBP +35' cement at approximately 12400'. Set a CIBP + 35' at 10125' to cover Bough zones. Perf Basal Abo/Upper WC 9797-9804' and acidize with 1000 gals. NE FE 20% HCL.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Plugback

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

OIL CONSERVATION DIVISION

Approved by:

Printed name: Tammy R. Link

Title:

Title: Production Analyst

Approval Date: PETROLEUM ENGINEER Expiration Date:

E-mail Address:

MAY 14 2008

Date: 5/9/08

Phone: (505)623-6601

Conditions of Approval Attached ☐

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-27610	² Pool Code 97485 / 44970	³ Pool Name WILDCAT WOLFCAMP / McDonald Penn West
⁴ Property Code 012972	⁵ Property Name RICHARDSON FEE	⁶ Well Number 1
⁷ OGRID No. 258462	⁸ Operator Name NADEL AND GUSSMAN HEYCO, LLC	⁹ Elevation 3,968'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	5	14S	36E		660'	NORTH	1,980	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ Richardson Fee #1 ●	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Tammy R. Link</u> Date: 5/8/08 Printed Name: Tammy R. Link		
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: Signature and Seal of Professional Surveyor:		
	Certificate Number		

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⁶ Property Code 012972		⁷ OGRID No. 258462		⁸ Operator Name NADEL AND GUSSMAN HEYCO, LLC		⁹ Elevation 3,968'			

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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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					<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor.</p> <p>Certificate Number</p>