

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
June 16, 2008

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 P.O. Box 1936 Roswell N M. 88202		² OGRID Number 258462
		³ API Number 30 - 015 - 38504
⁵ Property Code 38494	⁴ Property Name Rock Island 16 State	⁶ Well No. 2H
⁹ Proposed Pool 1 Glonetta		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	18S	26E		510'	NORTH	330'	WEST	EDDY

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
A	16	18S	26E		510'	NORTH	330'	EAST	EDDY

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3382'
¹⁶ Multiple Y	¹⁷ Proposed Depth 6921' MD/ 2585' TVD	¹⁸ Formation Glorietta	¹⁹ Contractor N/A	²⁰ Spud Date ASAP

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	36#	1000'	750sx	Surface
8 3/4"	7"	26#	2750'	650 sx	Surface
6 1/8"	4 1/2"	13.50#	2550' - 6921'	N/A**	N/A

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.

Mud Program:

0' to 1000': 8.4 to 8.8 ppg, w/ Fresh water spud mud
1000' to 6921': 8.8 to 10.0 ppg, w/ brine / cut brine water

*Will set a liner hanger at 2550' for the 4 1/2" casing.

**Casing Cement - will utilize a Packers Plus type open-hole system to complete well.

RECEIVED

JUN 14 2011

NMOCD ARTESIA

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Chris Marquez

Title. Drilling Engineer

E-mail Address: cmarquez@naguss.com

Date: 6-9-11

Phone: 432 - 682 - 4429

OIL CONSERVATION DIVISION

Approved by:

Title:

Geologist

Approval Date:

7/20/11

Expiration Date:

2/24/13

Conditions of Approval Attached ☐