

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. Francis Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
July 17, 2008

1. WELL API NO.  
30-015-38462

2. Type of Lease  
☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:  
☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)  
☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator  
Nadel and Gussman HEYCO, LLC

9. OGRID 258462

10. Address of Operator P.O. Box 1936,  
Roswell, New Mexico 88202-1936

11. Pool name or Wildcat  
Empire Glorieta-Yeso

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	13	17S	28E		1650'	N	2310'	E	Eddy
BH:										

13. Date Spudded 4/18/11	14. Date T D Reached 4/28/11	15. Date Rig Released 4/29/11	16. Date Completed (Ready to Produce) 5/26/11	17. Elevations (DF and RKB, RT, GR, etc.) 3715' GR
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18. Total Measured Depth of Well 5325'	19. Plug Back Measured Depth 5246'	20. Was Directional Survey Made? yes	21. Type Electric and Other Logs Run
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22. Producing Interval(s), of this completion - Top, Bottom, Name

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#/J-55	333' 305'	12 1/4"	200 sx	0
5 1/2"	17# J-55	5325'	7 7/8"	1220 sx	0

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.875	3864'	Tac-3743'

26. Perforation record (interval, size, and number) 4948-5165, 0.40", 25 holes 4492-4756, 0.40", 25 holes 4200-4391, 0.40", 28 holes 3863-4079, 0.40", 28 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL See attached AMOUNT AND KIND MATERIAL USED Completion Sundry
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28. PRODUCTION

Date First Production 5/28/11	Production Method (Flowing, gas lift, pumping - Size and type pump) pumping	Well Status (Prod. or Shut-in) Prod					
Date of Test 6/4/11	Hours Tested 24	Choke Size n/a	Prod'n For 45	Oil - Bbl 45	Gas - MCF 48	Water - Bbl. 820	Gas - Oil Ratio
Flow Tubing Press. 0	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 45	Gas - MCF 48	Water - Bbl. 820	Oil Gravity - API - (Corr.) 39	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
sold

30. Test Witnessed By:

31. List Attachments  
Completion Sundry, Site Security Plat, C-104

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

n/aLatitudeLongitudeNAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  
575-623-6601  
E-mail Address: tlink@heycoenergy.com

Printed  
Name Tammy R. Link  
Title: Production Analyst  
Date: 6/8/11

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. nhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn A" _____
T. Salt _____	T. Strawn _____	T. Kirtland _____	T. Penn. "B" _____
B. Salt 650 _____	T. Atoka _____	T. Fruitland _____	T. Penn. "C" _____
T. Yates 1065 _____	T. Miss _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. 7 Rivers 1405 _____	T. Devonian _____	T. Cliff House _____	T. Leadville _____
T. Queen 1625 _____	T. Silurian _____	T. Menefee _____	T. Madison _____
T. Grayburg 2050 _____	T. Montoya _____	T. Point Lookout _____	T. Elbert _____
T. San Andres 2395 _____	T. Simpson _____	T. Mancos _____	T. McCracken _____
T. Glorieta 3755 _____	T. McKee _____	T. Gallup _____	T. Ignacio Otzte _____
T. Paddock _____	T. Ellenburger _____	Base Greenhorn _____	T. Granite _____
T. Blinebry _____	T. Gr. Wash _____	T. Dakota _____	T. M. Morrow _____
T. Tubb 5250 _____	T. Delaware Sand _____	T. Morrison _____	T. L. Morrow _____
T. Drinkard _____	T. Bone Springs _____	T. Todilto _____	T. Yeso 3855 _____
T. Abo _____	T. 1 <sup>st</sup> BS SD _____	T. Entrada _____	
T. Wolfcamp _____	T. 2 <sup>nd</sup> BS SD _____	T. Wingate _____	
T. Penn _____	T. 3 <sup>rd</sup> BS SD _____	T. Chinle _____	
T. Cisco (Bough C) _____	T. Morrow _____	T. Permian _____	

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....Oil.....

No. 3, from.....to.....Oil.....

No. 2, from... ..to.... Oil.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thicknes In Feet	Lithology
0	200	200	Qal, Anhy +Red bed				
200	650	450	Salt w/minor Anhy				
650	1065	415	Anhy				
1065	1625	560	Anhy+ Dol				
1625	2050	425	Anhy, Dol+Red bed				
2050	2395	345	Dol w/minor Ss Red bed				
2395	3755	1360	Dol				
3755	3855	100	Ss + Dol				
3855	4140	285	Dol				
4140	4735	595	Dol w/minor Ss + Siltst				
4735	5250	515	Do				
5250	TD	75	Ss + Dol				

AID STATE #10  
1650' FNL & 2310' FEL  
SEC 13, T17S, R28E  
EDDY COUNTY, NM

## SITE SECURITY PLOT

THIS LEASE IS SUBJECT TO THE SITE SECURITY PLAN  
FOR SOUTHEAST NEW MEXICO OPERATIONS. THE PLAN  
IS LOCATED AT:  
NADEL AND GUSSMAN HEYCO, LLC  
500 NORTH MAIN SUITE ONE  
ROSWELL, NM

➔ DIRECTION OF FLOW

P1 PRODUCTION VALVE

S1 SALES VALVE

C1 CIRCULATING VALVE

E1 EQUALIZING VALVE

F FILL LINE

O OIL LINE

G GAS LINE

W WATER LINE

V VENT VALVE

L1 LOAD LINE

DV DIVERTING VALVE-PW

PRODUCTION LINE VALVES  
SEALED OPEN WHILE PRODUCING  
SEALED CLOSED DURING SALES

SALES LINE VALVES  
SEALED CLOSED WHILE  
PRODUCING  
OPEN DURING SALES

CIRCULATING LINE VALVES  
SEALED OPEN WHILE PRODUCING  
SEALED CLOSED DURING SALES

3" Poly PW line to Aid St 6

