

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-39761
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator NADEL AND GUSSMAN HEYCO, LLC		6. State Oil & Gas Lease No.
3. Address of Operator PO BOX 1936 ROSWELL NM 88202-1936		7. Lease Name or Unit Agreement Name Iron Duke
4. Well Location Unit Letter I : 2310 feet from the SOUTH line and 330 feet from the East line Section 9 Township 18S Range 26E NMPM County EDDY		8. Well Number #2H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3349' GR		9. OGRID Number 258462
Pit or Below-grade Tank Application <input checked="" type="checkbox"/> or Closure <input type="checkbox"/>		10. Pool name or Wildcat Atoka; Glorieta-Yeso
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

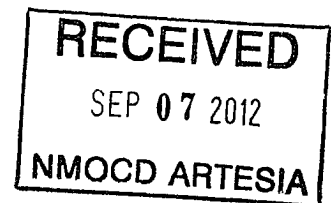
OTHER: Spud Notice, Casing and Cement Report ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/2/2012 - Spud 5.00 pm

9/2/2012 - TD 12 1/4" hole at 1008' Total pipe ran 24 jts of 9 5/8" J-55 36# Csg, ran Centralizers place @ 964.28', 922 15', 878 70', 794 48', 710.25' Set csg at 1008' Lead 100 Sks, Class "C" +10% W-60 +1% CACL2+5# Gilsontite+ 25% R-38, Wt 14.40, Yield 1.56, gal/sk 7.04. Middle 200 sks Class "C" +35/68+1% CACL2+1 5# STARTSEAL+ 25% R-38, Wt 12.40, Yield 2.01, gal/sk 10.98 Tail 200 sks Class "C" +2% CACL2+25% R-38 Wt 14.80 Yield 1.35 gal/sk 6.34. No problems RU temp survey, TOC at 320' Ran 1", Tag @ 90' work 1" pipe f/30 min, could not get past that point, pump 1 Stages 75 sks 1" Cmt Job, Circ 17 Sks (4 bbls) Upit Test csg 1/1000 psi-o k.

Accepted for record
NMOCD



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Larry R. Gist TITLE PRODUCTION ANALYST DATE 9/6/2012

Type or print name _____ E-mail address: tlmk@heycoenergy.com Telephone No. 575.623.6601
For State Use Only

APPROVED BY: RDade TITLE Dist # Supervisor DATE 9/18/12

Conditions of Approval (if any):
Submit on current forms

SUMMARY CASING AND CEMENTING REPORT

STRING: SURFACE DATE: 9/2/2012

OPERATOR: NADEL & GUSSMAN HEYCO WELL: **IRON DUKE 2H**
CONTRACTOR: PATRIOT RIG: #1
REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	12 1/4	DEPTH:	1008	
12 1/4" HOLE				1008.00
9 5/8 FLOAT SHOE				<u>1.60</u>
				1006.40
2 JT. 9 5/8 J-55 36# CSG				<u>84.25</u>
				922.15
9 5/8 FLOAT COLLAR				<u>1.30</u>
				920.85
21- JTS. 9 5/8 J-55 36# CSG				<u>925.05</u>
				-4.20
KB TO GL				<u>18.50</u>

CENTRALIZERS PLACED: 964.28', 922.15', 878.70', 794.48', 710.25'

REMARKS:

TOTAL CASING DELIVERED.... 26 JTS. 36# J-55 9 5/8 LT&C (1105.52') FROM GYS
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
ELECT. WELD SHOE TOP AND BOTTOM OF 1ST COLLAR AND BTM OF 2ND COLLAR UP.
TAGGED BOTTOM WASH 6' TO BTM. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 2 JTS. NOT USED J-55 36# STC (84.21')
DISPOSITION GYS YARD 2 JTS

CEMENTING DATA

COMPANY: RISING STAR

DISTRICT: HOBBS

1ST STAGE:

PREFLUSH: 20bbls F/W SPACER

LEAD: 100 SKS. CLASS "C" + 10%W-60+1%CACL2+5#GILSONITE+.25%R-38, WT 14.40, YIELD
1.56, GAL/SK 7.04

MIDDLE 200 SKS. CLASS "C"+35/68+1%CACL2+1.5#STARTSEAL+.25%R-38, WT 12.40, YIELD
2.01, GAL/SK 10.98

TAIL: 200 SKS. CLASS "C"+ 2% CACL2+.25%R-38 WT. 14.80 YIELD 1.35 GAL/SK 6.34

SUMMARY CASING AND CEMENTING REPORT

1" CEMENT 75 SKS CLASS "C" + .25%R-38+3%, WT 14.80, YIELD 1.33, GAL/SK 6.31

NOTE:

LOSEING 50/60 BBLS HR. TD SURF HOLE. PUMP SWEEP AND SPOT HI VIS PILL F/ CSG. PU RAN IN HOLE W/ 24 JTS 9 5/8" T/ 1006' W/ NO PROBLEMS. RU AND CEMENTED. PLUG DN @ 4:33PM 9/1/12. DID NOT CIRC. WOC 4HR. RAN TEMP SURVEY. TOC AT 320'. RAN 1", TAG @ 90' WORK 1" PIPE F/ 30MIN, COULD NOT GET PAST THAT POINT, PUMP 1 STAGES 75 SKS 1": CMT JOB. CIRC 17 SKS (4 BBLS) T/ PIT. TEST CSG T/ 1000PSI OK