

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

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-39761

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Iron Duke

8. Well Number #2H

9. OGRID Number

258462

10. Pool name or Wildcat

Atoka Glorieta-Yeso

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.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Nadel and Gussman HEYCO, LLC

3. Address of Operator

P.O. Box 1936, Roswell, NM 88202

4. Well Location

Unit I : 2310' feet from the South line and 330' feet from the East line

Section

9

Township

18S

Range

26E

NMPM

EDDY

County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3349' GR

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 ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

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

OTHER: ☐

OTHER: Intermediate Csg and Cmt Reports ☒

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.

9/12/2012 - Hole Size 8 3/4" 2900' MD, Run 78 Jts. 7" 26# L-80 BTC LTC Csg. Lead: 100 sks 65:35 "C" 5%Salt+.3%C-12+.25#%R-38+6#Gel/12.5 ppg, YIELD 2.04, Water 11.19 Gal/SX. Tail:400 sks. Class "C"+.3%C-15+.25%R-38/14.8 PPG, Yield 1.33, Water 6.30 Gal/SK. No problems w/pipe or cmt job. Plug dn w/1700 psi @ 13:00 MST 9/13/12, Circ 22 SKS/8 bbls, tst csg 1500 psi ok.

Attached Log's

Spud Date:

9/2/2012

Rig Release Date:

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

SIGNATURE

TITLE

DATE

9/13/2012

Type or print name: Tammy R. Link

E-mail address: tlink@heycoenergy.com

PHONE: 575-317-1803

For State Use Only

APPROVED

BY: *MDade*

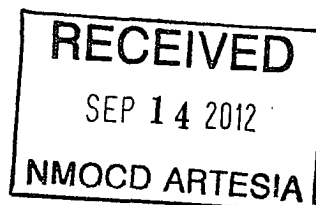
TITLE

Dist. # Supervisor

DATE

9/18/12

Conditions of Approval (if any):



SUMMARY CASING AND CEMENTING REPORT

STRING: INTERMEDIATE

DATE: 9/12/2012

OPERATOR: NADEL & GUSSMAN HEYCO
CONTRACTOR: PATRIOT

WELL: IRON DUKE 2H
RIG: #1
REP:

CASING DETAIL

HOLE SIZE:	8 3/4	DEPTH: 2900	
8 3/4" HOLE			2900.00
7" BTC FLOAT SHOE			<u>1.40</u>
			2898.60
2 JTS 7" 26# L-80 BTC Csg			<u>84.79</u>
			2813.81
7" BTC FLOAT INSERT			<u>1.20</u>
			2812.61
24 JTS 7" 26# L-80 BTC Csg			<u>932.12</u>
			1880.49
1 JT 7" 26# L-80 XO			38.23
			1842.26
51 JTS 7" 26# L-80 LTC Csg			1845.53
ELEVATION ABOVE RT/KB			-3.27
KB TO GL			<u>18.50</u>

TURBO CENTRALIZERS @ 2856.16, 2813.81, 2770.28, 2727.94, 2643.29, 25558.64, 2473.88, 2389.06, 2304.24, 2291, 2134.86, 2050.11, 1965.30, 1880.49, 1801.14,

REMARKS:

TOTAL CASING DELIVERED 24 JTS 7" 26# L-80 BTC (1031.69') 74 JTS 7: 26# L-80 LTC (2026.46) (1) x/o JT (38.9') (4) LTC NOT RUN (159.14')

ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.

FLOAT SHOE, 2 SHOE JTS 84.79', FLOAT COLLAR,

DID NOT TAGGED BOTTOM . CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 4 JTS 7" 26# L-80 LTC [159.14'].

DISPOSITION ALL UNUSED JTS WILL BE TRANSFERRED TO NGH (MAPLE LEAF LOCATION)

CEMENTING DATA

SUMMARY CASING AND CEMENTING REPORT

COMPANY: RISING STAR

DISTRICT: HOBBS

1ST STAGE:

PREFLUSH: 20 bbls FW SPACER

LEAD: 100 SKS 65:35 'C' + 5% Salt,+.3% C-12+.25%R-38+6%Gel / 12.5 PPG, YEILD 2.04, WATER
11.19 GAL/SX

TAIL: 400 SKS "C"+.3%C-15+.25%R-38 / 14.8 PPG, YEILD 1.33, WATER 6.30 GAL/SK

NOTE: NO PROBLEMS W/ PIPE OR CMT JOB. PLUG DOWN W/ 1700 PSI @ 13:00 MST 9/13/12,
CIRC 22 SKS / 8 BBLS, TEST CSG 1500 PSI .

DATE : 9/10/2012		WELL :		IRON DUKE 2H						
Casing OD	7	Grade	L80	Displacement bbl/ft	0.00946	Burst	6340	Torque		
Casing ID	6.276	Weight	26#	Capacity bbl/ft	0.03830	Collapse	3830	5,110		
Jt # or Item	Item or Jt. Lgth.	Total Length	Calc'd disp / jt	Calc'd tot disp	Actual tot disp	Calc Bbl to fill jt	Calc tot fill	Actual tot fill	Remarks	Depth
									Centrilizers	2900
1	1.40	1.40	0.0132	0.0132		0.05362	0.0536		Float Shoe	2898.60
2	42.44	43.84	0.4015	0.4147		1.625452	1.6791	BTC	Centrilizers	2856.16
3	42.35	86.19	0.4006	0.8154		1.622005	3.3011	BTC	Centrilizers	2813.81
4	1.20	87.39	0.0114	0.8267		0.04596	3.3470		Float Collar	2812.61
5	42.33	129.72	0.4004	1.2272		1.621239	4.9683	BTC	Centrilizers	2770.28
6	42.34	172.06	0.4005	1.6277		1.621622	6.5899	BTC	Centrilizers	2727.94
7	42.32	214.38	0.4003	2.0280		1.620856	8.2108	BTC		2685.62
8	42.33	256.71	0.4004	2.4285		1.621239	9.8320	BTC	Centrilizers	2643.29
9	42.33	299.04	0.4004	2.8289		1.621239	11.4532	BTC		2600.96
10	42.32	341.36	0.4003	3.2293		1.620856	13.0741	BTC	Centrilizers	2558.64
11	42.32	383.68	0.4003	3.6296		1.620856	14.6949	BTC		2516.32
12	42.44	426.12	0.4015	4.0311		1.625452	16.3204	BTC	Centrilizers	2473.88
13	42.40	468.52	0.4011	4.4322		1.62392	17.9443	BTC		2431.48
14	42.42	510.94	0.4013	4.8335		1.624686	19.5690	BTC	Centrilizers	2389.06
15	42.39	553.33	0.4010	5.2345		1.623537	21.1925	BTC		2346.67
16	42.43	595.76	0.4014	5.6359		1.625069	22.8176	BTC	Centrilizers	2304.24
17	42.39	638.15	0.4010	6.0369		1.623537	24.4411	BTC		2261.85
18	42.38	680.53	0.4009	6.4378		1.623154	26.0643	BTC	Centrilizers	2219.47
19	42.39	722.92	0.4010	6.8388		1.623537	27.6878	BTC		2177.08
20	42.22	765.14	0.3994	7.2382		1.617026	29.3049	BTC	Centrilizers	2134.86
21	42.33	807.47	0.4004	7.6387		1.621239	30.9261	BTC		2092.53
22	42.42	849.89	0.4013	8.0400		1.624686	32.5508	BTC	Centrilizers	2050.11
23	42.39	892.28	0.4010	8.4410		1.623537	34.1743	BTC		2007.72
24	42.42	934.70	0.4013	8.8423		1.624686	35.7990	BTC	Centrilizers	1965.30
25	42.41	977.11	0.4012	9.2435		1.624303	37.4233	BTC		1922.89
26	42.40	1019.51	0.4011	9.6446		1.62392	39.0472	BTC	Centrilizers	1880.49
27	38.23	1057.74	0.3617	10.0062		1.464209	40.5114	OX		1842.26
28	41.12	1098.86	0.3890	10.3952		1.574896	42.0863	LTC	Centrilizers	1801.14
29	40.18	1139.04	0.3801	10.7753		1.538894	43.6252	LTC		1760.96
30	40.16	1179.20	0.3799	11.1552		1.538128	45.1634	LTC		1720.80
31	41.16	1220.36	0.3894	11.5446		1.576428	46.7398	LTC		1679.64
32	41.13	1261.49	0.3891	11.9337		1.575279	48.3151	LTC		1638.51
33	39.38	1300.87	0.3725	12.3062		1.508254	49.8233	LTC		1599.13
34	40.18	1341.05	0.3801	12.6863		1.538894	51.3622	LTC		1558.95
35	40.57	1381.62	0.3838	13.0701		1.553831	52.9160	LTC		1518.38
36	40.18	1421.80	0.3801	13.4502		1.538894	54.4549	LTC		1478.20
37	40.17	1461.97	0.3800	13.8302		1.538511	55.9935	LTC		1438.03
38	40.40	1502.37	0.3822	14.2124		1.54732	57.5408	LTC		1397.63
39	39.58	1541.95	0.3744	14.5868		1.515914	59.0567	LTC		1358.05
40	41.15	1583.10	0.3893	14.9761		1.576045	60.6327	LTC		1316.90
41	39.49	1622.59	0.3736	15.3497		1.512467	62.1452	LTC		1277.41
42	40.14	1662.73	0.3797	15.7294		1.537362	63.6826	LTC		1237.27
43	39.51	1702.24	0.3738	16.1032		1.513233	65.1958	LTC		1197.76
44	39.49	1741.73	0.3736	16.4768		1.512467	66.7083	LTC		1158.27
45	40.55	1782.28	0.3836	16.8604		1.553065	68.2613	LTC		1117.72
46	38.77	1821.05	0.3668	17.2271		1.484891	69.7462	LTC		1078.95
47	40.17	1861.22	0.3800	17.6071		1.538511	71.2847	LTC		1038.78
48	40.10	1901.32	0.3793	17.9865		1.53583	72.8206	LTC		998.68

49	40.17	1941.49	0.3800	18.3665		1.538511	74.3591	LTC		958.51
50	41.17	1982.66	0.3895	18.7560		1.576811	75.9359	LTC		917.34
51	39.50	2022.16	0.3737	19.1296		1.51285	77.4487	LTC		877.84
52	39.79	2061.95	0.3764	19.5060		1.523957	78.9727	LTC		838.05
53	39.14	2101.09	0.3703	19.8763		1.499062	80.4717	LTC		798.91
54	40.99	2142.08	0.3878	20.2641		1.569917	82.0417	LTC		757.92
55	40.17	2182.25	0.3800	20.6441		1.538511	83.5802	LTC		717.75
56	40.17	2222.42	0.3800	21.0241		1.538511	85.1187	LTC		677.58
57	37.98	2260.40	0.3593	21.3834		1.454634	86.5733	LTC		639.60
58	39.56	2299.96	0.3742	21.7576		1.515148	88.0885	LTC		600.04
59	41.15	2341.11	0.3893	22.1469		1.576045	89.6645	LTC		558.89
60	40.15	2381.26	0.3798	22.5267		1.537745	91.2023	LTC		518.74
61	35.74	2417.00	0.3381	22.8648		1.368842	92.5711	LTC		483.00
62	39.77	2456.77	0.3762	23.2410		1.523191	94.0943	LTC		443.23
63	41.13	2497.90	0.3891	23.6301		1.575279	95.6696	LTC		402.10
64	41.18	2539.08	0.3896	24.0197		1.577194	97.2468	LTC		360.92
65	40.57	2579.65	0.3838	24.4035		1.553831	98.8006	LTC		320.35
66	41.15	2620.80	0.3893	24.7928		1.576045	100.3766	LTC		279.20
67	39.49	2660.29	0.3736	25.1663		1.512467	101.8891	LTC		239.71
68	40.57	2700.86	0.3838	25.5501		1.553831	103.4429	LTC		199.14
69	39.43	2740.29	0.3730	25.9231		1.510169	104.9531	LTC		159.71
70	39.51	2779.80	0.3738	26.2969		1.513233	106.4663	LTC		120.20
71	41.11	2820.91	0.3889	26.6858		1.574513	108.0409	LTC		79.09
72	41.22	2862.13	0.3899	27.0757		1.578726	109.6196	LTC		37.87
73	41.14	2903.27	0.3892	27.4649		1.575662	111.1952	LTC		-3.27
74	39.55	2942.82	0.3741	27.8391		1.514765	112.7100	LTC	OUT	-42.82
75	39.87	2982.69	0.3772	28.2162		1.527021	114.2370	LTC	OUT	-82.69
76	39.57	3022.26	0.3743	28.5906		1.515531	115.7526	LTC	OUT	-122.26
77	40.15	3062.41	0.3798	28.9704		1.537745	117.2903	LTC	OUT	-162.41
78	0.00	3062.41	0.0000	28.9704		0	117.2903			-162.41