

RECEIVED

JAN 22 2011

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

NMDC ARTESIA

WELL API NO.

30-015-40630

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Maple Leaf

8. Well Number #1H

9. OGRID Number

258462

10. Pool name or Wildcat

Atoka; Glorieta Yeso (3250)

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 D : 160' from the North line and 965' from the West line

Section 10

Township 18S

Range 26E

NMPM EDDY

County

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

3337.2' 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 ☐

OTHER:

☐

SUBSEQUENT REPORT OF:

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

OTHER Surface & 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.

9/22/12 - Surface, Hole Size 12 1/4" to 965', losing 50/60 bbls hr. TD surf hole. Pump sweep and spot hi vis pill f/csg. Run 24 Jts, 9 5/8" 36# J-55. Depth 965' RU and cemented. Plug dn @ 5:49 pm 9/1/12. Did not circ. WOC 4 hr. ran temp survey. TOC at 415'. 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. 1" Cement - 100 sks Class "C"+.25%R-38+3%, Wt 14.80, Yield 1.33, Gal/sk 6.31. Ran 1", pumped 60 sks, WOC 4 hrs; TIH tag at 290'; pumped 60 sks; WOC 4 hrs; TIH tag at 130' pump 35 sks, WOC; TIH tag at 99', pump 135 sks, top out cmt; Circulated 5 bbls (21 sks) to surface; WOC; Tally tape measure TOC @ 8'; released cementers.

$$100 + 200 + 200 + 100 + 60 + 60 + 35 + 135 = 890 \text{ SKS}$$

10/5/12 - Intermediate, Hole Size 8 3/4" 2860', Run 78 Jts, 7" 26# L-80. Depth 2860', Lead: 125 sks 65:35 "C"+6% GEL+.3%C-12+.25%R-38+5% Salt/12.5 PPG, Yield 2.04, water 11.23 gal/sx. Tail: 400 sks "C"+.3%C-15+.25%R-38/14.8 PPG, Yield 1.33, Water 6.30 Gal/SK. No problems w/pipeline or Cmt Job. Plug DN w/1497 PSI @ 5:33 am MST 10/5/12, Circ 55 SkS/20 bbls, test CSG 1500 PSI.

$$125 + 400 = 525 \text{ SKS}$$

Spud Date:

9/23/12

Rig Release Date:

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

SIGNATURE

Tammy R. Link

TITLE

Production Analyst

DATE

10/11/12

Type or print name: Tammy R. Link

E-mail address: tlink@heycoenergy.com

PHONE: 575-623-6601

For State Use Only

APPROVED BY:

J. Dade

TITLE

Dist. H. Supervisor

DATE

1/23/2013

Conditions of Approval (if any):

Sent Logs - Spectral Gamma Ray, Borehole, Dual Laterolog

SUMMARY CASING AND CEMENTING REPORT

STRING:

SURFACE

DATE: 9/22/2012

OPERATOR: NADEL & GUSSMAN HEYCO
CONTRACTOR: PATRIOT

WELL: MAPLE LEAF 1H
RIG: #1
REP: DENNIS POMROY

CASING DETAIL

HOLE SIZE:	12 1/4	DEPTH: 965	
12 1/4" HOLE			965.00
9 5/8 FLOAT SHOE			<u>1.60</u>
			963.40
2 JT. 9 5/8 J-55 36# CSG			<u>84.13</u>
			879.27
9 5/8 FLOAT COLLAR			<u>1.30</u>
			877.97
21- JTS. 9 5/8 J-55 36# CSG			<u>883.43</u>
			-5.46
KB TO GL			<u>18.50</u>

CENTRALIZERS PLACED: 921.62', 879.57', 709.98', 541.76', 373.4, 205.12'

REMARKS:

TOTAL CASING DELIVERED.... 27 JTS. 36# J-55 9 5/8 LT&C (1135.81') FROM GYS
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
TAGGED CLEAN BOTTOM;. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 3 JTS: GOOD & 1 BAD JT NOT USED J-55 36# STC (168.25')
DISPOSITION Will be sent to GYS YARD (4 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

1" CEMENT 100 SKS CLASS "C"+.25%R-38+3%, WT 14.80, YIELD 1.33, GAL/SK 6.31

SUMMARY CASING AND CEMENTING REPORT

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/ 965' W/ NO PROBLEMS, TAGGED CLEAN BOTTOM; RU AND CEMENTED. PLUG DN @ 5:49PM 9/1/12.DID NOT CIRC. WOC 4HR. RAN TEMP SURVEY. TOC AT 415'. RAN 1", PUMPED 60 SKS, WOC 4 Hrs; TIH TAG AT 290'; PUMPED 60 SKS; WOC 4 HOURS; TIH TAG AT 281, PUMP 35 SKS, WOC; TIH, TAG AT 165', PUMP 35 SKS, WOC, TIH TAG AT 130' PUMP 35 SKS, WOC; TIH TAG AT 99', PUMP 135 SKS, TOP OUT CEMENT; CIRCULATED 5 BBLS (21 SKS) TO SURFACE; WOC; TALLY TAPE MEASURE TOP OF CEMENT @ 8'; RELEASED CEMENTERS

SUMMARY CASING AND CEMENTING REPORT

STRING: INTERMEDIATE

DATE: 10/5/2012

OPERATOR: NADEL & GUSSMAN HEYCO
CONTRACTOR: PATRIOT

WELL: MAPLE LEAF 1H
RIG: #1
REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	8 3/4	DEPTH: 2860	
8 3/4" HOLE			2860.00
7" BTC FLOAT SHOE			<u>1.40</u>
			2858.60
2 JTS 7" 26# L-80 BTC Csg			<u>79.12</u>
			2779.48
7" BTC FLOAT INSERT			<u>1.20</u>
			2778.28
24 JTS 7" 26# L-80 BTC Csg			<u>918.00</u>
			1860.28
1 JT 7" 26# L-80 XO			<u>39.34</u>
			1820.94
51 JTS 7" 26# L-80 LTC Csg			<u>1815.84</u>
ELEVATION ABOVE RT/KB			5.10
KB TO GL			<u>18.50</u>

TURBO CENTRALIZERS @ 2818.60', 2779.48', 2739.48', 2701.94', 2620.71', 2541.35', 2462.65', 2384.53', 2302.25', 2220.46', 2142.74', 2063.89', 1982.08', 1901.61', 1780.78'

REMARKS:

TOTAL CASING DELIVERED 25 JTS 7" 26# L-80 BTC (1011.30') 45 JTS 7: 26# L-80 LTC (1840.80') (1) x/o JT (39.64')

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

FLOAT SHOE, 2 SHOE JTS 79.12', FLOAT COLLAR,

DID NOT TAGGED BOTTOM . CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 4 JTS 7" 26# L-80 LTC [160.95'].

DISPOSITION ALL UNUSED JTS WILL BE TRANSFERRED TO NGH (TEXAS EAGLE NGP)

CEMENTING DATA

DATE : 10/3/2012		WELL :		MAPLE LEAF 1H						
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	2860
1	1.40	1.40	0.0132	0.0132		0.05362	0.0536		Float Shoe	2858.60
2	39.85	41.25	0.3770	0.3902		1.526255	1.5799	BTC	Centrilizers	2818.75
3	39.27	80.52	0.3715	0.7617		1.504041	3.0839	BTC	Centrilizers	2779.48
4	1.20	81.72	0.0114	0.7731		0.04596	3.1299		Float Collar	2778.28
5	38.80	120.52	0.3670	1.1401		1.48604	4.6159	BTC	Centrilizers	2739.48
6	37.54	158.06	0.3551	1.4952		1.437782	6.0537	BTC	Centrilizers	2701.94
7	40.35	198.41	0.3817	1.8770		1.545405	7.5991	BTC		2661.59
8	40.88	239.29	0.3867	2.2637		1.565704	9.1648	BTC	Centrilizers	2620.71
9	39.88	279.17	0.3773	2.6409		1.527404	10.6922	BTC		2580.83
10	39.48	318.65	0.3735	3.0144		1.512084	12.2043	BTC	Centrilizers	2541.35
11	39.40	358.05	0.3727	3.3872		1.50902	13.7133	BTC		2501.95
12	39.30	397.35	0.3718	3.7589		1.50519	15.2185	BTC	Centrilizers	2462.65
13	38.20	435.55	0.3614	4.1203		1.46306	16.6816	BTC		2424.45
14	39.92	475.47	0.3776	4.4979		1.528936	18.2105	BTC	Centrilizers	2384.53
15	42.38	517.85	0.4009	4.8989		1.623154	19.8337	BTC		2342.15
16	39.90	557.75	0.3775	5.2763		1.52817	21.3618	BTC	Centrilizers	2302.25
17	40.91	598.66	0.3870	5.6633		1.566853	22.9287	BTC		2261.34
18	40.88	639.54	0.3867	6.0500		1.565704	24.4944	BTC	Centrilizers	2220.46
19	39.25	678.79	0.3713	6.4214		1.503275	25.9977	BTC		2181.21
20	38.47	717.26	0.3639	6.7853		1.473401	27.4711	BTC	Centrilizers	2142.74
21	40.90	758.16	0.3869	7.1722		1.56647	29.0375	BTC		2101.84
22	37.95	796.11	0.3590	7.5312		1.453485	30.4910	BTC	Centrilizers	2063.89
23	40.88	836.99	0.3867	7.9179		1.565704	32.0567	BTC		2023.01
24	40.93	877.92	0.3872	8.3051		1.567619	33.6243	BTC	Centrilizers	1982.08
25	40.93	918.85	0.3872	8.6923		1.567619	35.1920	BTC		1941.15
26	39.54	958.39	0.3740	9.0664		1.514382	36.7063	BTC	Centrilizers	1901.61
27	41.33	999.72	0.3910	9.4574		1.582939	38.2893	BTC		1860.28
28	39.34	1039.06	0.3722	9.8295		1.506722	39.7960	XO		1820.94
29	40.16	1079.22	0.3799	10.2094		1.538128	41.3341	LTC	Centrilizers	1780.78
30	40.15	1119.37	0.3798	10.5892		1.537745	42.8719	LTC		1740.63
31	40.12	1159.49	0.3795	10.9688		1.536596	44.4085	LTC		1700.51
32	39.82	1199.31	0.3767	11.3455		1.525106	45.9336	LTC		1660.69
33	39.84	1239.15	0.3769	11.7224		1.525872	47.4594	LTC		1620.85
34	40.14	1279.29	0.3797	12.1021		1.537362	48.9968	LTC		1580.71
35	41.49	1320.78	0.3925	12.4946		1.589067	50.5859	LTC		1539.22
36	40.29	1361.07	0.3811	12.8757		1.543107	52.1290	LTC		1498.93
37	39.81	1400.88	0.3766	13.2523		1.524723	53.6537	LTC		1459.12
38	39.53	1440.41	0.3740	13.6263		1.513999	55.1677	LTC		1419.59
39	40.86	1481.27	0.3865	14.0128		1.564938	56.7326	LTC		1378.73
40	39.88	1521.15	0.3773	14.3901		1.527404	58.2600	LTC		1338.85
41	39.57	1560.72	0.3743	14.7644		1.515531	59.7756	LTC		1299.28
42	40.17	1600.89	0.3800	15.1444		1.538511	61.3141	LTC		1259.11
43	39.58	1640.47	0.3744	15.5188		1.515914	62.8300	LTC		1219.53
44	41.17	1681.64	0.3895	15.9083		1.576811	64.4068	LTC		1178.36
45	41.17	1722.81	0.3895	16.2978		1.576811	65.9836	LTC		1137.19
46	39.85	1762.66	0.3770	16.6748		1.526255	67.5099	LTC		1097.34
47	40.75	1803.41	0.3855	17.0603		1.560725	69.0706	LTC		1056.59
48	41.55	1844.96	0.3931	17.4533		1.591365	70.6620	LTC		1015.04

49	40.21	1885.17	0.3804	17.8337		1.540043	72.2020	LTC		974.83
50	40.06	1925.23	0.3790	18.2127		1.534298	73.7363	LTC		934.77
51	41.25	1966.48	0.3902	18.6029		1.579875	75.3162	LTC		893.52
52	39.98	2006.46	0.3782	18.9811		1.531234	76.8474	LTC		853.54
53	39.90	2046.36	0.3775	19.3586		1.52817	78.3756	LTC		813.64
54	41.17	2087.53	0.3895	19.7480		1.576811	79.9524	LTC		772.47
55	41.18	2128.71	0.3896	20.1376		1.577194	81.5296	LTC		731.29
56	40.07	2168.78	0.3791	20.5167		1.534681	83.0643	LTC		691.22
57	40.71	2209.49	0.3851	20.9018		1.559193	84.6235	LTC		650.51
58	41.23	2250.72	0.3900	21.2918		1.579109	86.2026	LTC		609.28
59	40.58	2291.30	0.3839	21.6757		1.554214	87.7568	LTC		568.70
60	41.05	2332.35	0.3883	22.0640		1.572215	89.3290	LTC		527.65
61	41.15	2373.50	0.3893	22.4533		1.576045	90.9051	LTC		486.50
62	39.55	2413.05	0.3741	22.8275		1.514765	92.4198	LTC		446.95
63	41.16	2454.21	0.3894	23.2168		1.576428	93.9962	LTC		405.79
64	40.17	2494.38	0.3800	23.5968		1.538511	95.5348	LTC		365.62
65	40.15	2534.53	0.3798	23.9767		1.537745	97.0725	LTC		325.47
66	40.21	2574.74	0.3804	24.3570		1.540043	98.6125	LTC		285.26
67	40.18	2614.92	0.3801	24.7371		1.538894	100.1514	LTC		245.08
68	39.51	2654.43	0.3738	25.1109		1.513233	101.6647	LTC		205.57
69	39.84	2694.27	0.3769	25.4878		1.525872	103.1905	LTC		165.73
70	39.12	2733.39	0.3701	25.8579		1.498296	104.6888	LTC		126.61
71	41.17	2774.56	0.3895	26.2473		1.576811	106.2656	LTC		85.44
72	40.16	2814.72	0.3799	26.6273		1.538128	107.8038	LTC		45.28
73	40.18	2854.90	0.3801	27.0074		1.538894	109.3427	LTC		5.10
74	39.87	2894.77	0.3772	27.3845		1.527021	110.8697	LTC	OUT	-34.77
75	40.02	2934.79	0.3786	27.7631		1.532766	112.4025	LTC	OUT	-74.79
76	39.70	2974.49	0.3756	28.1387		1.52051	113.9230	LTC	OUT	-114.49
77	41.24	3015.73	0.3901	28.5288		1.579492	115.5025	LTC	OUT	-155.73
78	0.00	3015.73	0.0000	28.5288		0	115.5025			-155.73