

UNITED STATES **OCD-ARTESIA**
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUL 31 2009

FORM APPROVED
OMB No 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No NM-89879
2. Name of Operator Nadel and Gussman HEYCO, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 1936 ~ ROSWELL NM 88202-1936	3b. Phone No. (include area code) 505.623.6601	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec, T, R, M, or Survey Description) 330' FSL & 330' FWL, Sec. 3, T18S, R31E		8. Well Name and No. Mesquite 3 Federal #4
		9. API Well No. 30-015-36439
		10. Field and Pool, or Exploratory Area Shugart; Bone Spring North
		11. County or Parish, State Eddy, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

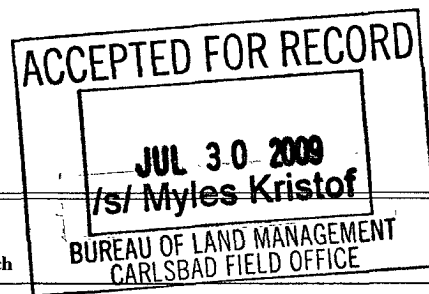
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	
				Casing and Cmt
				Report

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BLM Bond No. NMB00520
Surety Bond NO. B004230

7/25/09 - TD 17 1/2" hole at 837'. RU csg crew total pipe ran 23 jts 13 3/8" 54.5# J55 STC Csg, 5 1/2" float insert. Centralizers placed @ 799.08, 762.82, 726.32, 689.78, 617.87. Circulated 370 SKS Cmt to pit at 8:40 p.m.

7/25/09 - RU Schlumberger and cmt; 1st Stage: 20 bbls fw, 20 bbls chemical wash, Lead: 475 sks "C"+4% D20+0.2% D46+2% s1, 12.90 LB/SKS, yeild 1.97, water 10.97 ft3/sk. Tail: 200 SKS "C"+25S1, 14.80 LB/SKS, Yeild 1.34, Water 6.36 FT3/SK.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tammy R. Link

Title Production Tech

Signature

Date

07/27/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Handwritten initials

SUMMARY CASING AND CEMENTING REPORT

STRING: SURFACE DATE: 7/25/2009
OPERATOR: NADEL & GUSSMAN HEYCO WELL: MESQUITE 3 FED #4
CONTRACTOR: EAGLE ROCK RIG: #5
REP: KEITH CANNON

CASING DETAIL

HOLE SIZE:	17 1/2"	DEPTH:	837
17 1/2" HOLE			837.00
FLOAT SHOE			<u>1.22</u>
			835.78
1 JTS 13 3/8" 54.5# J55 STC Csg			<u>36.70</u>
			799.08
13 3/8" FLOAT INSERT			<u>0.00</u>
			799.08
22 JTS 13 3/8" 54.5# J55 STC Csg			<u>802.43</u>
			-3.35
KB TO GL			<u>11.60</u>
			14.95
CENTRALIZERS PLACED @ 799.08, 762.82, 726.32, 689.78, 617.87			
CIRC 370 SKS CMT TO PIT			

REMARKS:

TOTAL CASING DELIVERED.... 24 JTS 13 3/8" 54.5# J55 STC (874.21)
ALL CASING WAS DRIFTED, CLEANED, & VISUALLY INSPECTED ON LOCATION.
FLOAT SHOE, 1 SHOE JTS, FLOAT INSERT, WERE THREAD LOCKED.
TAGGED BOTTOM NO FILL. CIRCULATED CAPACITY & ANNULAR VOLUME
WOC F/ 5HRS, CUT OFF COND & MADE FINAL CUT. WELD ON 13 3/8" WELL HEAD.

EXCESS CASING

CASING NOT USED 1 JTS 13 3/8" 54.5# J55 STC [36.30].
DISPOSITION 54.5# J55 TRANSFERRED TO NGP YARD (ARTESIA)

CEMENTING DATA

COMPANY: SCHLUMBERGER

DISTRICT: ARTESIA

1ST STAGE:

PREFLUSH: 20 bbls FW, 20 bbls chemical wash

LEAD: 475 SKS "C" +4%D20+0.2%D46+2%S1, 12.90 LB/SKS, YEILD 1.97, WATER 10.97 FT3/SK

SUMMARY CASING AND CEMENTING REPORT

TAIL: 200 SKS "C"+2%S1, 14.80 LB/SKS, YEILD 1.34, WATER 6.36 FT3/SK

NOTE: STARTED CMT PUMP LEAD CMT SWITCH TO TAIL AND LINES FROM ABT PLUG OFF.
SWITCH TO RIG PUMP AND CIRC CMT OUT TO STEEL PIT. HAUL 2 LOAD OF CMT TO CRI.

DATE : 6/27/2009		WELL :		MESQUITE 3 FED #4						
Casing OD	13 3/8	Grade	J-55	Displacement bbl/ft	0.01918	Burst	2730	Torque		
Casing ID	12.615	Weight	54.5#	Capacity bbl/ft	0.15459	Collapse	1130	6425-3855	5140	
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 Centrizers	Depth 837
1	1.22	1.22	0.0234	0.0234		0.1886	0.1886		Shoe	835.78
2	36.70	37.92	0.7039	0.7273		5.673453	5.8621		1x Cent	799.08
3	0.00	37.92	0.0000	0.7273		0	5.8621		INSERT	799.08
4	36.26	74.18	0.6955	1.4228		5.605433	11.4675		Centrizers	762.82
5	36.50	110.68	0.7001	2.1228		5.642535	17.1100		Centrizers	726.32
6	36.54	147.22	0.7008	2.8237		5.648719	22.7587		Centrizers	689.78
7	36.26	183.48	0.6955	3.5191		5.605433	28.3642			653.52
8	35.65	219.13	0.6838	4.2029		5.511134	33.8753		Centrizers	617.87
9	36.30	255.43	0.6962	4.8991		5.611617	39.4869			581.57
10	36.50	291.93	0.7001	5.5992		5.642535	45.1295			545.07
11	36.61	328.54	0.7022	6.3014		5.65954	50.7890			508.46
12	36.50	365.04	0.7001	7.0015		5.642535	56.4315			471.96
13	36.53	401.57	0.7006	7.7021		5.647173	62.0787			435.43
14	36.45	438.02	0.6991	8.4012		5.634806	67.7135			398.98
15	36.35	474.37	0.6972	9.0984		5.619347	73.3329			362.63
16	36.45	510.82	0.6991	9.7975		5.634806	78.9677			326.18
17	36.46	547.28	0.6993	10.4968		5.636351	84.6040			289.72
18	36.54	583.82	0.7008	11.1977		5.648719	90.2527			253.18
19	36.25	620.07	0.6953	11.8929		5.603888	95.8566			216.93
20	36.03	656.10	0.6911	12.5840		5.569878	101.4265			180.90
21	36.50	692.60	0.7001	13.2841		5.642535	107.0690			144.40
22	36.50	729.10	0.7001	13.9841		5.642535	112.7116			107.90
23	36.50	765.60	0.7001	14.6842		5.642535	118.3541			71.40
24	36.55	802.15	0.7010	15.3852		5.650265	124.0044			34.85
25	36.54	838.69	0.7008	16.0861		5.648719	129.6531			-1.69
26	36.30	874.99	0.6962	16.7823		5.611617	135.2647		OUT	-37.99
27	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
28	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
29	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
30	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
31	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
32	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
33	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
34	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
35	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
36	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
37	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
38	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
39	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
40	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
41	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
42	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
43	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
44	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
45	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99
46	0.00	874.99	0.0000	16.7823		0	135.2647			-37.99