

SEP 16 2009

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐ Other2. Name of Operator **Nadel and Gussman HEYCO, LLC**3a. Address
PO BOX 1936 ~ ROSWELL NM 88202-19363b. Phone No (include area code)
505.623.66014. Location of Well (Footage, Sec., T., R., M., or Survey Description)
330' FSL & 330' FWL, Sec. 3, T18S, R31E5. Lease Serial No
NM-89879

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

8. Well Name and No
Mesquite 3 Federal #49. API Well No
30-015-3643910. Field and Pool, or Exploratory Area
Shugart; Bone Spring North11. 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 recompletion 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

8/22/09 - TD 7 7/8" hole at 9075'. RU csg crew total pipe ran 217 jts 5 1/2" 17# 15.50# L-80 LTC Csg. set @ 9065'. Centralizers placed @ 9034.11, 8995.20, 8915.88, 8799.63, 8683.24, 8566.69, 8450.26, 8334.15, 8207.58, 8075.28, 7853.90, 7721.39, 7588.54, 7455.64, 6924.13, 6835.55, 6702.90, 5640.15. Circulated 40 sk cmt to pit, called Carlsbad BLM, talk w/Terry Wilson @ 9:00 am.

8/22/09 - RU BJ Services, 1st Stage: 20 bbls FW, 20 bbls Chemical wash. Lead: 925 SK, 35/65/6 "H"+.5% FL-52A+3%ASA=301+5%Salt, Tail: 600 sk 15POZ-61C-11DSE-2+5# salt +5# LCM-1+.5% FL-25+.5%BA.

Attached Borehole Plot, Noninfringement Log, Dual Laterolog

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**Tammy R. Link**Title **Production Tech**

Signature

Date

08/27/2009

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

SEP 14 2009

Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

7MR

HARVEY E. YATES COMPANY PRODUCTION CASING REPORT

WELL: MESQUITE 3 FED #4
LOCATION: 330' FWL & 330' FSL
S/T/R: SEC 3, T18S, R31E
COUNTY: EDDY
STATE: N.M.

DEPTH: 9,065
CASING SIZE: 5.5
CEMENT CO: BJ SERVICE
FOREMAN: KEITH CANNON
RIG: EAGLE ROCK 5

ITEM:	NO. JTS:	LENGTH:	WT:	GRADE:	THREAD:	TOP:	BOTTOM:
1	1	2.04				9062.96	9065.00
2	2	77.76	17	L-80	LT&C	8985.20	9062.96
3	1	1.68				8983.52	8985.20
4	18	701.1	17	L-80	LT&C	8282.42	8983.52
6	127	5666.29	15.5	L-80	LT&C	2616.13	8282.42
7	70	2650.01	17	L-80	LT&C	-33.88	2616.13
8							
9							
10							
11							
12							
TOTALS:	217	9,098.88					

CASING DELIVERED (Threads off Talley)

JTS	LENGTH	WT	GRADE	THREAD
94	3573.53	17#	L-80	LT&C
130	5753.57	15.5	L-80	LT&C
TOTAL:	224	9,327.10		

CASING LEFT OVER

JTS	LENGTH	WT	GRADE	THREAD
4	115.15	17	L-80	LT&C
3	132.91	15.5	L-80	LT&C
CUT OFF:	12.6	17#	L-80	LT&C

CEMENT:	SX	DESCRIPTION	PPG	YIELD	M/W GAL/SX	BBL SLRY	SX CIRC
1ST LEAD	925	925 SK, 35/65/6 "H" +.5%FL 52A+.3%ASA-301+5%SALT	11.9	2.1	11.66	346.0	40SX
1ST TAIL	600	15POZ-61C-11DSE-2+5#SALT +5#LCM-1+.5%FL-25+.5%BA	14.8	1.67	7.99	178.5	
2ND LEAD	0						
2ND TAIL	0						

WATER REQUIRED 1ST STAGE

MIX 371 DISP 214.6 MISC 50 TOTAL 636

WATER REQUIRED 2ND STAGE

MIX 0 DISP MISC 0 TOTAL

COMMENTS set btm of csg @ 9065'. Plug Down at 12:27pm 8/22/09. Circ 40 sx cmt to pit.

SUMMARY CASING AND CEMENTING REPORT

STRING:

PROD

DATE: 8/22/2009

OPERATOR: NADEL & GUSSMAN HEYCO

WELL: MESQUITE 3 FED #4

CONTRACTOR: EAGLE ROCK

RIG: #5

REP: KEITH CANNON

CASING DETAIL

HOLE SIZE: 7 7/8

DEPTH: 9075

17 1/2" HOLE	9075.00
5 1/2" FLOAT SHOE	2.04
	9072.96
2 JTS 5 1/2" 17# L-80 LTC Csg	77.76
	8995.20
5 1/2" FLOAT COLLAR	1.68
	8993.52
18 JTS 5 1/2" 17# L-80 LTC Csg	701.10
	8292.42
124 JTS 5 1/2" 15.50# L-80 LT&C CSG	5666.29
	2626.13
70 JTS 5 1/2" 17# L-80 LT&C CSG	2650.01
	-23.88
KB TO GL	11.60

BTM OF CSG SET @ 9065'

CENTRALIZERS PLACED @ 9034.11, 8995.20, 8915.88, 8799.63, 8683.24, 8566.69, 8450.26, 8334.15, 8207.58, 8075.28, 7853.90, 7721.39, 7588.54, 7455.64, 6924.13, 6835.55, 6702.90, 5640.15

REMARKS:

TOTAL CASING DELIVERED.... 94 JTS 5 1/2" 17# & 130 JTS 5 1/2" 15.50# L-80 LTC (9327.10)

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

FLOAT SHOE, 2 SHOE JTS, FLOAT INSERT, WERE THREAD LOCKED.

TAGGED BOTTOM NO FILL PU 10'. CIRCULATED CAPACITY & ANNULAR VOLUME

EXCESS CASING

CASING NOT USED 3 JTS 5 1/2" 17# (155.15") & 4 JTS 5 1/2" 15.50# (132.91') L-80 LTC (288.06)

DISPOSITION 4 JTS 17# & 3 JTS 15.50# L-80 TRANSFERRED TO NGP YARD (ARTESIA)

CEMENTING DATA

COMPANY: BJ SERVICES

DISTRICT: ARTESIA

1ST STAGE:

PREFLUSH: 20 bbls FW, 20 bbls chemical wash

SUMMARY CASING AND CEMENTING REPORT

LEAD: 925 SK, 35/65/6 "H" +.5%FL-52A+.3%ASA-301+.5%SALT

TAIL: 15POZ-61C-11DSE-2+5#SALT+5#LCM-1+.5%FL-25+.5%BA

NOTE: NO PROBLEMS W/ CSG OR CMT JOBS. PLUG DN 12:27 PM 8/22/09. CIRC 40 SK CMT TO PIT. CALL CARLSBAD BLM, TALK W/ TERRY WILSON @ 9:00AM. NO BLM REP.ON LOCATION FOR CSG OR CMT JOB.

DATE : 8/20/2009		WELL :		MESQUITE 3 FED #4						
Casing OD	5 1/2	Grade	L-80	Displacement bbl/ft	0.00613	Burst	7740	Torque		
Casing ID	4.950/4.892	Weight	15.5 / 17	Capacity bbl/ft	0.02320	Collapse	6290	2440 - 3050		
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 9075
1	2.04	2.04	0.0125	0.0125		0.047328	0.0473			9072.96
2	38.85	40.89	0.2382	0.2507		0.90132	0.9486	17#	2x centrizer	9034.11
3	38.94	79.83	0.2385	0.4892		0.902712	1.8514	17#	2x centrizer	8995.20
4	1.35	81.18	0.0103	0.4995		0.038976	1.8903			8993.52
5	38.89	120.07	0.2384	0.7379		0.902248	2.7926	17#		8954.63
6	38.75	158.82	0.2375	0.9754		0.899	3.6916		Centrizers	8915.88
7	38.76	197.58	0.2376	1.2130		0.899232	4.5908			8877.12
8	38.75	236.33	0.2375	1.4505		0.899	5.4898			8838.37
9	38.74	275.07	0.2375	1.6880		0.898768	6.3886		Centrizers	8799.63
10	38.83	313.90	0.2380	1.9260		0.900856	7.2894			8760.80
11	38.71	352.61	0.2373	2.1633		0.898072	8.1875			8722.09
12	38.85	391.46	0.2382	2.4015		0.90132	9.0888		Centrizers	8683.24
13	38.87	430.33	0.2383	2.6398		0.901784	9.9906			8644.37
14	38.85	469.18	0.2382	2.8779		0.90132	10.8919			8605.52
15	38.93	508.11	0.2380	3.1159		0.900856	11.7928		Centrizers	8566.69
16	38.85	546.96	0.2382	3.3541		0.90132	12.6941			8527.84
17	38.73	585.69	0.2374	3.5915		0.898536	13.5926			8489.11
18	38.85	624.54	0.2382	3.8297		0.90132	14.4940		Centrizers	8450.26
19	38.83	663.37	0.2382	4.0658		0.893896	15.3879			8411.73
20	38.84	702.21	0.2381	4.3039		0.901088	16.2890			8372.89
21	38.74	740.95	0.2375	4.5414		0.898768	17.1877		Centrizers	8334.15
22	38.01	778.96	0.2330	4.7744		0.881832	18.0696	17#		8296.14
23	44.34	823.30	0.2718	5.0462		1.028688	19.0982	15.5000		8251.80
24	44.22	867.52	0.2711	5.3173		1.025904	20.1241		Centrizers	8207.58
25	44.28	911.80	0.2714	5.5887		1.027296	21.1514			8163.30
26	43.90	955.70	0.2691	5.8578		1.01848	22.1699			8119.40
27	44.12	999.82	0.2705	6.1283		1.023584	23.1935		Centrizers	8075.28
28	44.25	1044.07	0.2713	6.3995		1.0266	24.2201			8031.03
29	44.32	1088.39	0.2717	6.6712		1.028224	25.2483		Centrizers	7986.71
30	44.50	1132.89	0.2716	6.9428		1.02776	26.2761			7942.41
31	44.21	1177.10	0.2710	7.2138		1.025672	27.3018			7898.20
32	44.30	1221.40	0.2716	7.4853		1.02776	28.3295		Centrizers	7853.90
33	44.22	1265.62	0.2711	7.7564		1.025904	29.3554			7809.68
34	44.14	1309.76	0.2706	8.0270		1.024048	30.3795			7765.54
35	44.15	1353.91	0.2706	8.2976		1.02428	31.4038		Centrizers	7721.39
36	44.29	1398.20	0.2715	8.5691		1.027528	32.4313			7677.10
37	44.30	1442.50	0.2716	8.8407		1.02776	33.4590			7632.80
38	44.26	1486.76	0.2713	9.1120		1.026832	34.4859		Centrizers	7588.54
39	44.30	1531.06	0.2716	9.3836		1.02776	35.5136			7544.24
40	44.24	1575.30	0.2716	9.6552		1.027992	36.5416			7499.93
41	44.29	1619.59	0.2715	9.9267		1.027528	37.5692		Centrizers	7455.64
42	44.23	1663.82	0.2714	10.1981		1.027296	38.5964			7411.36
43	44.23	1708.05	0.2715	10.4696		1.027528	39.6240			7367.07
44	44.31	1752.36	0.2716	10.7412		1.027992	40.6520			7322.76
45	44.32	1796.68	0.2717	11.0129		1.028224	41.6802			7278.44
46	44.26	1840.94	0.2713	11.2842		1.026832	42.7070			7234.18

New Mexico
OIL AND GAS DIVISION

INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report)		6. District
1. FIELD NAME Shugart N. Bone Spg.	2. LEASE NAME Mesquite 3 Federal	7. Lease Number. (Oil completions only)
3. OPERATOR Nadel & Gussman HEYCO, LLC		8. Well Number # 4
4. ADDRESS 601 North Marienfeld Street, Suite 508 Midland, TX 79701-4365		9. Identification Number (Gas completions only)
5. LOCATION (Section, Block, and Survey) Sec. 3, T18S R 31E, 330' FWL & 330' FSL		10. County Eddy

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle x100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
361	361	0.25	0.44	1.58	1.58
824	463	0.50	0.87	4.02	5.60
1298	474	0.75	1.31	6.20	11.80
1807	509	0.75	1.31	6.66	18.46
2030	223	0.25	0.44	0.98	19.44
2542	512	0.25	0.44	2.25	21.69
3020	478	0.75	1.31	6.26	27.95
3520	500	0.75	1.31	6.55	34.50
4005	485	0.75	1.31	6.35	40.85
4482	477	1.25	2.18	10.39	51.24
4715	233	1.00	1.75	4.07	55.31
4938	223	1.00	1.75	3.90	59.21
5160	222	2.25	3.93	8.72	67.93
5256	96	1.25	2.18	2.09	70.02
5797	541	1.00	1.75	9.46	79.48

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☒ yes ☐ no
18. Accumulative total displacement of well bore at total depth of 9075 feet = 195.10 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☒ Open hole ☐ Drill Pipe
20. Distance from surface location of well to the nearest lease line 330 feet.
21. Minimum distance to lease line as prescribed by field rules 330 feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO

(If the answer to the above question is "yes," attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.



Signature of Authorized Representative

John Halldorson

Name of Person and Title (type or print)

Eagle Rock Drilling, Inc.

Name of Company

Telephone: 432-682-3030

Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

Signature of Authorized Representative

Name of Person and Title (type or print)

Operator

Telephone:

Area Code

Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

MAN WELDING SERVICES, INC

Company NAO & Bussman Date 7/29/09
 Lease Wegman 3 Feb #4 County Edoq Co. N.M.
 Drilling Contractor Lyle Rock S Plug & Drill Pipe Size against casing 4 1/2

Accumulator Function Test - OO&GO#2

To Check - **USABLE FLUID IN THE NITROGEN BOTTLES** (III.A.2.c.i. or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
 - Ensure accumulator is pumped up to working pressure! **(Shut off all pumps)**
- 12" 2 unit 70.6 = 439 gal*
14x36x60 = 1332 gal / 36 = 36.6 gal
6-1090L BOTTLES = 307 gal per 1"
+ 43
739 gal usable fluid
1. Open HCR Valve. (If applicable)
 2. Close annular. *Pipe Ram*
 3. Close all pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. Record remaining pressure 1350 psi. Test Fails if pressure is lower than required.
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}
 7. If annular is closed, open it at this time and close HCR.

To Check - **PRECHARGE ON BOTTLES OR SPHERICAL** (III.A.2.d.)

- Manifold, Locals and Remote on floor*
- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
 - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
 - 1. Open bleed line to the tank, slowly. (gauge needle will drop at the lowest bottle pressure)
 - 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
 - 3. Record pressure drop 1000 psi. Test fails if pressure drops below minimum.
 - Minimum: a. {700 psi for a 1500 psi system} b. {900 psi for a 2000 & 3000 psi system}

To Check - **THE CAPACITY OF THE ACCUMULATOR PUMPS** (III.A.2.f.)

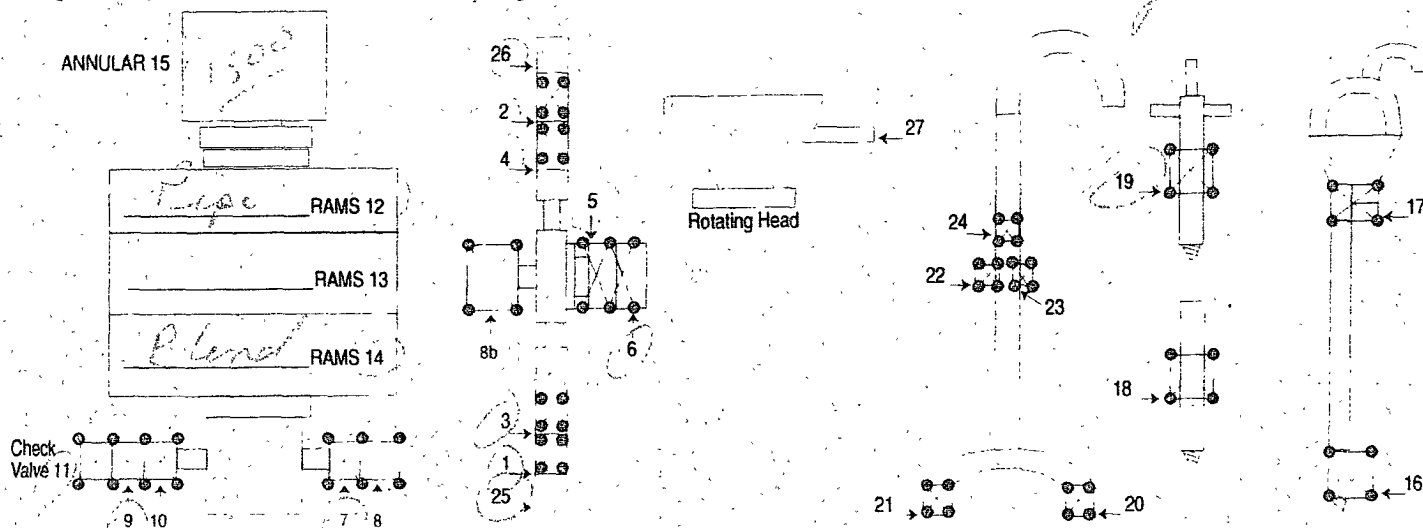
- Isolate the accumulator bottles or spherical from the pumps & manifold.
 - Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
1. Open the HCR valve, {if applicable}
 2. Close annular. *Pipe Ram*
 3. With pumps only, time how long it takes to regain the required manifold pressure.
 4. Record elapsed time 1:40. Test fails if it takes over 2 minutes.



INVOICE

3215

Company NATL & GAS Date 7/25/97 Start Time 10:30 ☐ am ☐ pm
Lease MESQUITE 2 FES #4 County El Paso State TX
Company Man KEVIN R.
Wellhead Vendor _____ Tester Kenny Kirkland
Drilg. Contractor Basic Rock Rig # 97
Tool Pusher Paul Glynn
Plug Type 1 1/2" x 3" Plug Size _____ Drill Pipe Size 4 1/2" x 11'
Casing Valve Opened NO Check Valve Open Yes

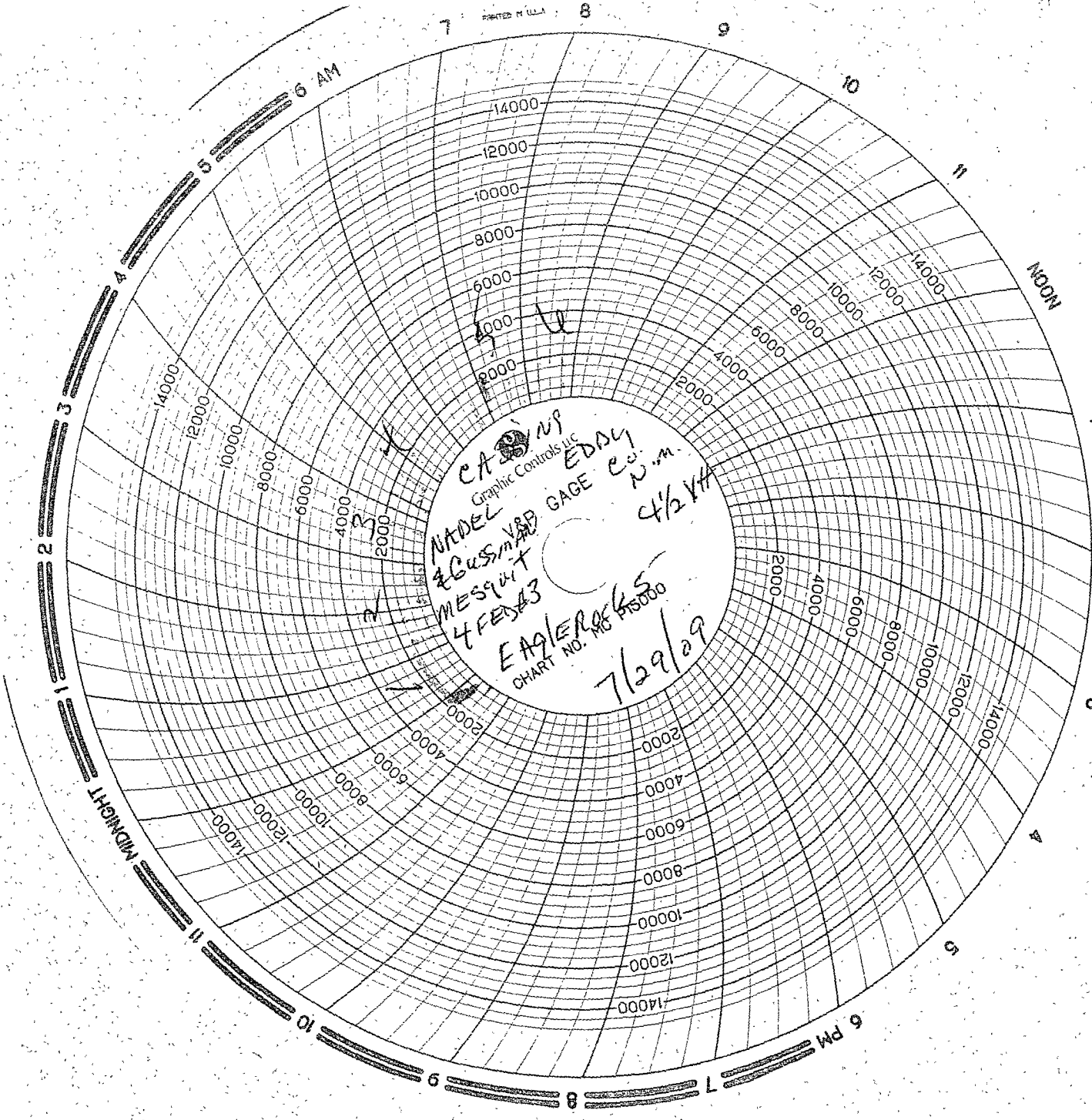
[illegible]

HR@ 1000

420

SUB TOTAL

TAX



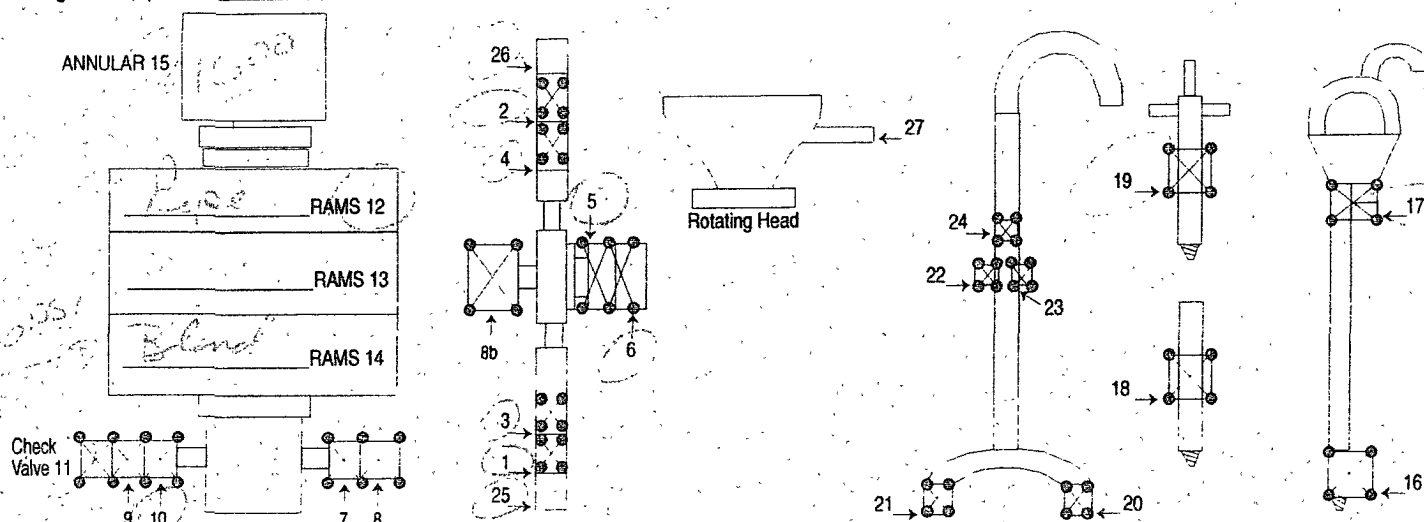
CAGUP
Graphic Controls Inc.
MODEL VBP
4650
MESQUIT
4 FEB 43
EAGLE
CHART NO. 105000
7/29/29
4 1/2 V/H
GAGE CO. N.M.
EDDY



WELDING • BOP TESTING
NIPPLE UP SERVICE • BOP LIFTS • TANDEM
MUD AND GAS SEPARATORS
Lovington, NM • 575-396-4540

B-16210

Company NATEL CUSHMAN Date 7/13/09 Start Time 5:00 ☐ am ☐ pm
Lease 5 CUBA TOWER 13 FEDERAL H.S. County ESSEX State MA
Company Man BOB
Wellhead Vendor BOB Tester Kenny Kirkpatrick
Drig. Contractor EDDIE ROBE Rig # 3
Tool Pusher ALAN
Plug Type CLP Plug Size 3 5/8 Drill Pipe Size 4 1/2 X 4
Casing Valve Opened NO Check Valve Open YES

[illegible]

HR@

HR@

SUB TOTAL

TAX

MAN WELDING SERVICES, INC

Company Madore & Company Date 7/13/09
 Lease South Taylor 13 wells County SW 10. NM.
 Drilling Contractor Engle Rock Plug & Drill Pipe Size 8 7/8 cups

Accumulator Function Test - OO&GO#2

To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii or iii)

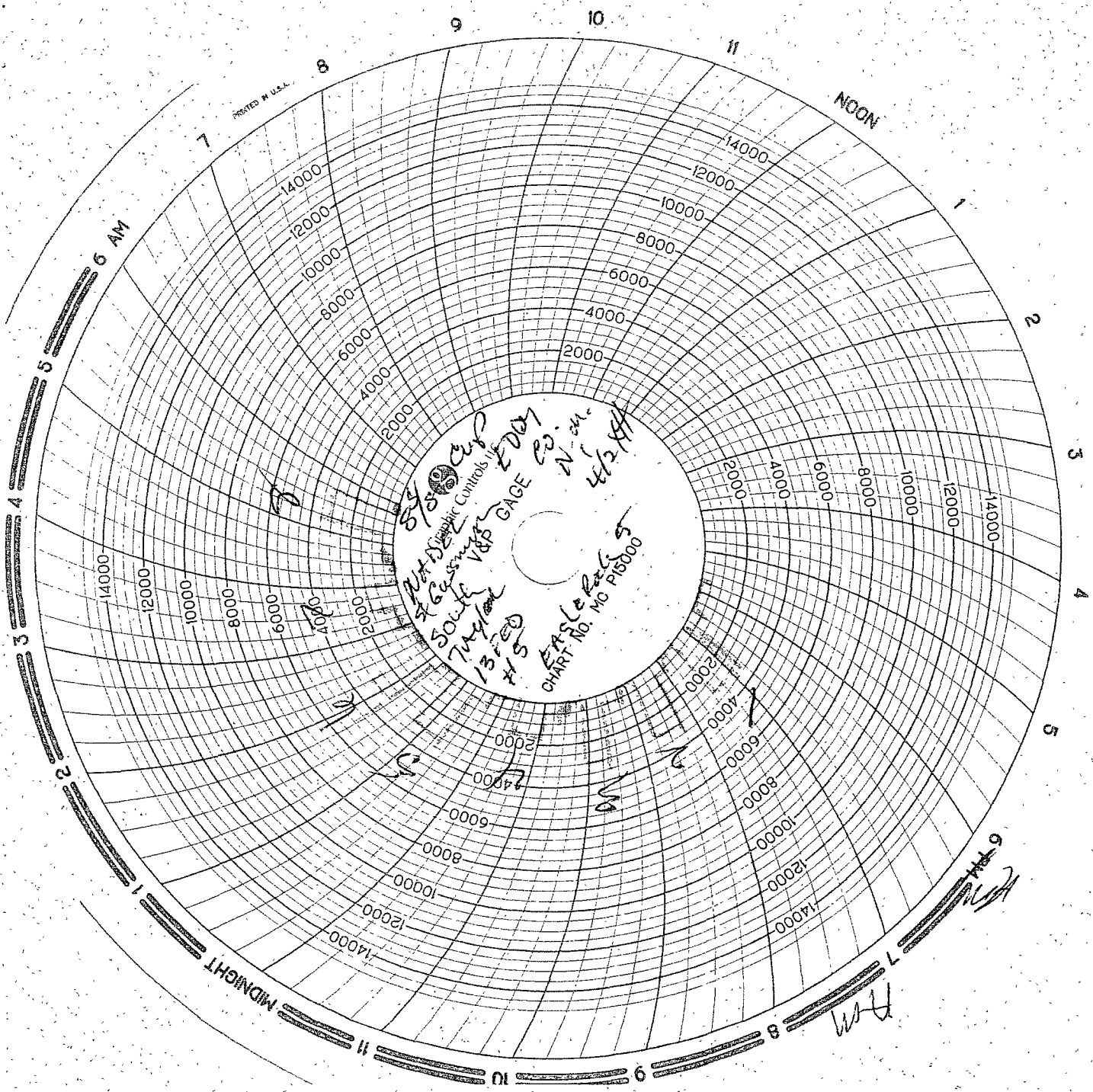
- Make sure all rams and annular are open and if applicable HCR is closed.
 - Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
- 1500 x 4 = 6000
14836.106 = 14400 / 4 = 3600
6 - 10 gal bottles - 20 gal Denit
- 60 gal
90 gal available*
1. Open HCR Valve. (If applicable)
 2. Close annular.
 3. Close **all** pipe rams.
 4. Open one set of the pipe rams to simulate closing the blind ram.
 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
 6. Record remaining pressure 1600 psi. Test Fails if pressure is lower than required.
 - a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}
 7. If annular is closed, open it at this time and close HCR.
- Remain on 7100*

To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
 - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
 - 1. Open bleed line to the tank, slowly. (gauge needle will drop at the lowest bottle pressure)
 - 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
 - 3. Record pressure drop 1100 psi. Test fails if pressure drops below minimum.
 - Minimum: a. {700 psi for a 1500 psi system} b. {900 psi for a 2000 & 3000 psi system}
- Make locks on place
1" valve
N.C. 1030
1100 psi*

To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
 - Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
1. Open the HCR valve, {if applicable}
 2. Close annular
 3. With pumps only, time how long it takes to regain the required manifold pressure.
 4. Record elapsed time 1:10 PM. Test fails if it takes over 2 minutes.
- 1500 psi 1500 psi 1200 psi 1200 psi 2000 psi 2000 psi*



CEMENT JOB REPORT



CUSTOMER Nadel & Gussman-Heyco		DATE 22-AUG-09	F.R. # 483310714	SERV. SUPV. RICHARD B ANEZ	
LEASE & WELL NAME MESQUITE 3 FED # 4 - API 30015364390000		LOCATION		COUNTY-PARISH-BLOCK Eddy New Mexico	
DISTRICT Artesia		DRILLING CONTRACTOR RIG # EAGLE ROCK # 5		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
5-1/2" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Al Flap, 5-1/2 - 8rd		SACKS OF CEMENT	SLURRY WGT PPG
		Guide Shoe, Cement Nose, 5-1/2 in		SLURRY YLD FT ³	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
MATERIALS FURNISHED BY BJ					
FRESH WATER		0	8.34	1	0 00:00
SURE BOND		0	8.34	1	0 00:00
FRESH WATER		0	8.34	1	0 00:00
35-65-6H+.5%FL-52A+.3%ASA-301+5%SALT		925	12.4	2.1	11.66 00:00
15POZ-61C-11CSE-2+5#SALT+5#LCM-1+.5%FL-25+.5%BA-1+		600	13.3	1.67	7.99 00:00
FRESH WATER		0	8.34	1	0 00:00
Available Mix Water 1000 Bbl.		Available Displ. Fluid 1000 Bbl.		TOTAL 779.8 370.68	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
7.875	0	9075	5.5	17 CSG	9065 N-80
					SHOE 9065
					FLOAT 8987
					STAGE 0
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE	DEPTH
9.625	36	CSG	2030	NO PACKER	0
					TOP BTM
					SIZE 5.5
					THREAD 8RND
					TYPE WATER BASED MU
					WGT. 9
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
213.8	BBLs	FRESH WATER	8.34	2131	0
					OP. MAX
					SQ. PSI
					RATED
					Operator
					RATED
					Operator
					MIX WATER
					RIG
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					
PRESSURE/RATE DETAIL					EXPLANATION
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE
	PIPE	ANNULUS			
09:00	0	0	0	0 0	ARRIVE LOC
09:01	0	0	0	0 0	HAZZARD ASSESSMENT CHECK H2O
09:05	0	0	0	0 0	CHLOR. LESS 500. SULF LESS 200.
09:15	0	0	0	0 0	SPOT EQUIP., MEETING, RIG UP
10:00	0	0	0	0 0	PRE JOB SAFETY MEETING.
10:15	4900	0	.5	.5 H2O	TEST LINES
10:17	215	0	5	10 H2O	SPACER
10:20	281	0	5	12 SB	SURE BOND SPACER
10:23	500	0	8	20 H2O	SPACER
10:25	438	0	8	346 CMT	LEAD SLURRY
11:12	297	0	5	178 CMT	TAIL SLURRY
11:45	0	0	0	0 CMT	SHUT DOWN DROP PLUG WASH UP.
11:48	2132	0	7.5	204 H2O	DISPLACEMENT
12:22	2060	0	3	10 H2O	SLOW RATE
12:27	2518	0	3	0 H2O	BUMP PLUG FLT HELD.
00:00	0	0	0	0 0	CIRCULATED 40 SKS CMT TO PIT.
00:00	0	0	0	0 0	THANK YOU RICHARD AND CREW
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG
Y N	2518	Y N	15	780	0
SPOT TOP OUT CEMENT					SERVICE SUPERVISOR SIGNATURE:
Y N					<i>Richard</i>