

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 ☐ Other2. Name of Operator
Nadel and Gussman HEYCO, LLC3a. Address
PO BOX 1936 ~ ROSWELL NM 88202-19363b. Phone No. (include area code)
575.623.6601

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

610' FSL & 990' FEL, Sec. 1 SESE, T18S, R32E

5. Lease Serial No.

NMNM-44539

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Amoco AG 1 Federal #1

9. API Well No.

30-025-30472

10. Field and Pool, or Exploratory Area

Young, Bone Spring

11. County or Parish, State

Lea, New Mexico

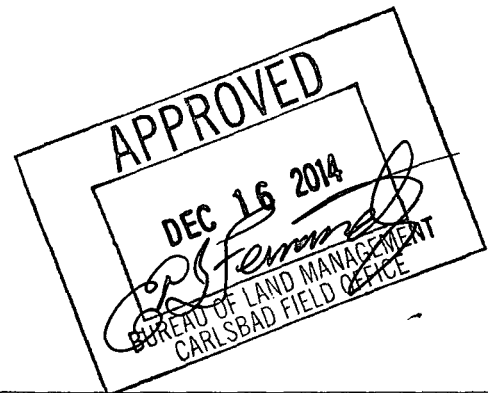
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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 recomplete 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

1. Squeeze perforations @ 8,434'-8,553'
2. Drill out and test squeeze.
 - a. Re-squeeze as necessary.
3. Drillout CIBP @ 9,114'.
4. RIH w/tbg & pkr, set pkr @ +/-9,000'.
5. Frac perfs @ 9,114'-9,120'
6. POOH w/pkr, RIH w/production tbg, pump & rods. Put well on Production.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tammy R. Link

Title Production Tech

Signature

Date

08/12/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

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)

DEC 24 2014

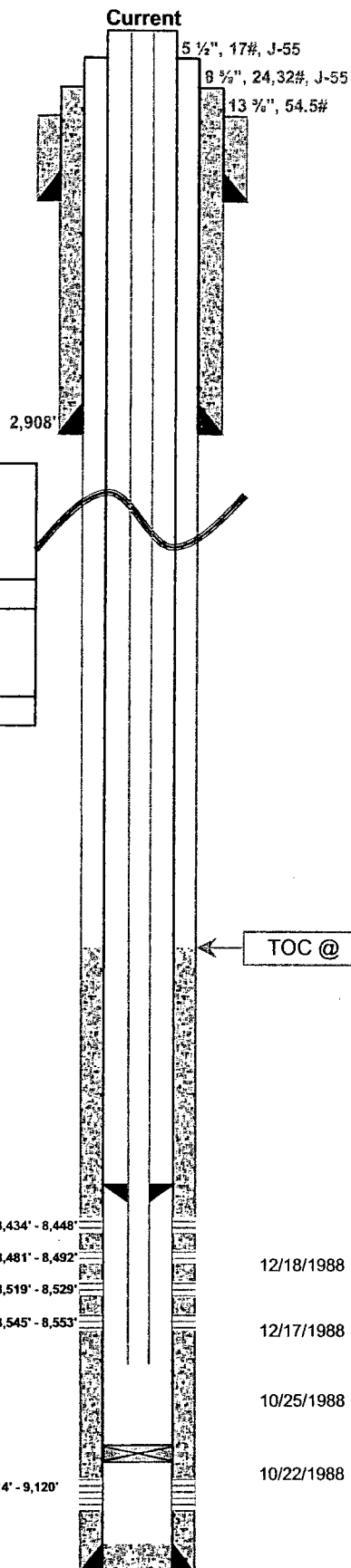
Amaco AG 1 Federal #1
API: 30-025-30472
ACT CODE: 037770-001
 A-1-18S-32E, Lea County, NM
 610' FSL & 990' FEL
 NM-44539-00/001 (L-)
 Elev: 3892.7 GR (12' KB)
 Fed Lease #
Harvey E. Yates Company

Wellbore Status as of : 06/05/14

Spud: 09/22/1988
 TD: 10/14/1988 9,300'
 Btm Of CSG: 10/16/1988 9,300'
 PBDT (Orig): 10/19/1988 9,215'
 PBDT (Crnt): 12/17/1988 9,110'

prepared by M. Shaffer
 Updated by
 Updated by
DRAWING NOT TO SCALE.

Tubing:	254 JTS 2 3/8" TBG	
	TAC	8,297'
	10 JTS 2 3/8" TBG	
	SN	8,623'
Pump:	2 x 1 1/2 x 24'	
Rods:	21-3/4	
	216-3/4	
	104-3/8	
Ponies:		



Surface Casing:		
BIT SIZE: 17 1/2"		
408'-13 3/8", 54.5#		
Cmtd w/ 425 sx "C" + 2% CaCl, 1/4# Celloflake (14.8 & 1.32		
TOC-SURF, Circ 160 sx		
Intermediate Casing:		
BIT SIZE: 12 1/4"		
2,908'-8 5/8", 24,32#, J-55		
Cmtd w/ 1,200 sx + 4% Gel, 15# HCl, 1/4# Celloflake (14.8 & 1.32		
Tail w/ 200 sx "C" + 2% CaCl, 1/4# Celloflake (14.8 & 1.32)		
TOC-SURF, Circ 296 sx		
Production Casing		
BIT SIZE: 8 3/4"		
SIZE: 5 1/2"		SET @ 9,300'
JTS	Weight	Grad/Conn
223	17	J-55
Production Cement		
1,100 sx 65/35 "H" + 4% Gel, 10% HCl, 1/4# Celloflake, % Flac (13.2 & 1.75).		
Tail w/ 350 sx "H" + 10% HCl (15.6 & 1.21)		
TOC @ 2,300'(Temp Svy)		

04/16/2014 - TAC @ 8,297'

4/16/2014 - SN @ 8,623'

12/17/88 - CIBP @ 9,110'

CSG: 9,300'
 PBDT: 9,251'
 TD: 9,300'

12/18/1988 Run PKR to 8,555'. Spot 150 gal 20 % SRA. MV PKR @ 8,316'.
 a/2000 gal 20% SRA w/ 180 BS

12/17/1988 Perf 8,434-8,448 (14' -29 HLS), 8481-8192 (11' -23 HLS), 8519-8529 (10' -21HLS), 8545-8553 (8' -17 HLS)

10/25/1988 a/2000 gal 20% SRA

10/22/1988 Perf 9,114'-9,120', 2 SPF - 13 Holes.
 Spot 250 gal 20% SRA.

A-1-18S-32E, Lea County, NM
610' FSL & 990' FEL
NM-44539-00/001 (L-)
Elev. 3892.7 GR (12' KB)
Fed Lease #
Harvey E. Yates Company

Proposed

Category	Proposed Dimension
5 1/2", 17#, J-55	5 1/2"
8 5/8", 24, 32#, J-55	8 5/8"
13 3/8", 54.5#	13 3/8"

Spud:	09/22/1988	
TD:	10/14/1988	9,300'
Btm Of CSG:	10/16/1988	9,300'
PBTD (Orig):	10/19/1988	9,215'
PBTD (Crnt):	12/17/1988	9,110'

Tubing:	284 JTS 2 3/8" TBG	
	TAC	9,096'
	SN	9,100'
Pump:	2 x 1 1/2 x 24'	
Rods:	23 - 7/8"	134 TTL 3/4" RODS
	230 - 3/4"	
	111 - 7/8"	364 TTL RODS
Ponies:		

Surface Casing:		
BIT SIZE: 17 1/2"		
408'-13 3/8", 54.5#		
Cmtd w/ 425 sx "C" + 2% CaCl, 1/4# Celloflake (14.8 & 1.32)		
TOC-SURF, Circ 160 sx		
Intermediate Casing:		
BIT SIZE: 12 1/4"		
2,908'-8 5/8", 24,32#, J-55		
Cmtd w/ 1,200 sx + 4% Gel, 15# HCl, 1/4# Celloflake (14.8 & 1.32)		
Tail w/ 200 sx "C" + 2% CaCl, 1/4# Celloflake (14.8 & 1.32)		
TOC-SURF, Circ 296 sx		
Production Casing		
BIT SIZE: 8 3/4"		
SIZE: 5 1/2"		SET @ 9,300'
JTS	Weight	Grad/Conn
223	17	J-55
Production Cement		
1,100 sx 65/35 "H" + 4% Gel, 10% HCl, 1/4# Celloflake, % Flac (13.2 & 1.75).		
Tail w/ 350 sx "H" + 10% HCl (15.6 & 1.21)		
TOC @ 2,300'(Temp Svy)		

CSG:	9,300'
PBTD:	9,251'
TD:	9,300'

SQZD 8,434' - 8,448'
 SQZD 8,481' - 8,492'
 SQZD 8,519' - 8,529'
 SQZD 8,545' - 8,553'

TAC @ +/- 9,096'
 SN @ +/- 9,100'

9,114' - 9,120'

12/18/1988	Run PKR to 8,555'. Spot 150 gal 20 % SRA. PKR @ 8,316'. a/2000 gal 20% SRA w/ 180 BS	MV
12/17/1988	Perf 8,434-8,448 (14' -29 HLS), 8481-8192 (11' -23 HLS), 8519-8529 (10' -21HLS), 8545-8553 (8' -17 HLS)	
10/25/1988	a/2000 gal 20% SRA	
10/22/1988	Perf 9,114'-9,120', 2 SPF - 13 Holes. Spot 250 gal 20% SRA.	

Conditions of Approval

Nadel and Gussman HEYCO, LLC

Amoco AG 1 Federal #1

API 3002530472

December 16, 2014

1. Surface disturbance beyond the existing pad shall have prior approval.
2. Casing added or replaced requires a prior notice of intent (BLM Form 3160-5) approval of the design.
3. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
4. Functional H₂S monitoring equipment shall be on location.
5. A 3000 (3M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. A ram system including a blind ram and pipe ram(s) designed to close on all of the work string(s) used is required equipment. Manuel BOP closure (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
6. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
8. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
9. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.

EGF 121614