

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**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**

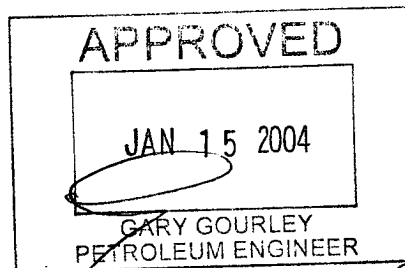
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 056376
2. Name of Operator Gruy Petroleum Management Co.		6. If Indian, Allottee or Tribe Name
3a. Address P. O. Box 140907 Irving, TX 75014-0907	3b. Phone No. (include area code) 972-401-3111	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 860' FEL & 1980' FSL Sec. 30 T19S - R34E		8. Well Name and No. Mallon Federal (30) No. 43
		9. API Well No. 30-025-34448
		10. Field and Pool, or Exploratory Area Quail Ridge, Bone Spring, South
		11. County or Parish, State Lea Co., NM

**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 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 checked="" 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 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.)

Gruy proposes to re-enter TA morrow well, and perf and evaluate Bone Spring formation according to attached procedure. If productive, bring on line, if not TA-well.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Zeno Farris

Signature

Title

Manager, Operations Administration

Date

January 14, 2004

**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, makes 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.

**WORKOVER PROCEDURE  
MALLON 30 FEDERAL #43  
QUAIL RIDGE AREA  
LEA COUNTY, NEW MEXICO**

**WELL DATA**

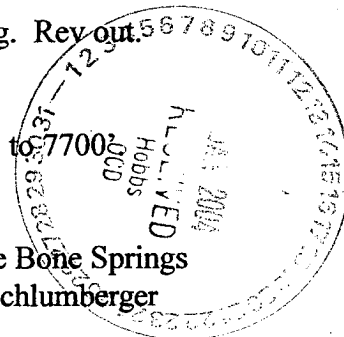
**SPUD DATE:** 5/21/98 (Re-entry 10/15/02)  
**PERM. ZERO PT.:** KB = 3689'  
**TOTAL DEPTH:** 13,800'  
**SURFACE CSG:** 13-3/8", 54.4#, J-55 @ 657'  
**INTER CSG :** 9-5/8", 40#, K-55 @ 4217'  
**PROD CSG:** 5-1/2", 17#, N-80 & P-110 @ 13800'  
**PLUGS:** CIBP @ 13130' w/ 35' cmt on plug  
**PERFS (SO):** 13202-13234, 13264-13270, 13280-13286, 13294-13298, 13332-13338, 13372-13380'  
**PROP PERFS:** 9218-9224, 9228-9238, 9393-9408, 9442-9464, 9486-9488, 9496-9500, 9515-9520, 9545-9550'

**OBJECTIVE:** Well is currently TA'd w/ Morrow being shut-off via CIBP. Recommend testing Bone Springs.

**\*\*\*\*\* SAFETY IS TOP PRIORITY \*\*\*\*\***

**REVISED PROCEDURE:**

1. MIRU workover rig. ND wellhead. NU BOP's.
2. PU & RIH w/ 2-7/8" workstring to +/- 9700'.
3. Clean tubing by pumping 200 gals xylene followed by 500 gals 15% HCL to end of tbgs. **Rev out.**  
Circ hole clean w/ 7% KCL wtr. Test csg to 3000 psi. POH w/ workstring.
4. MIRU HOWCO e-line. Install lubricator. Run GR/CCL/CBL w/ 1000 psi from 9700' to 7700'.  
Correlate to open-hole logs.
5. RIH w/ 3-3/8" csg gun and GR/CCL tools. Run strip log to get on depth. Perforate the Bone Springs  
9393-9408, 9442-9464, 9486-9488, 9496-9500, 9515-9520 and 9545-9550', 6 spf by Schlumberger  
Compensated Neutron log dated 7/16/98. RD e-line.
6. RIH w/ 5-1/2" RBP & 5-1/2" pkr on 2-7/8" workstring. Set RBP +/- 9580' and test. Spot 2 bbls 7-1/2% HCL acid 9550-9464'. PU to +/- 9475'. Rev 3 bbls into tbgs. Set pkr. Load tbgs & EIR into perfs 9486-9550' w/ 5 bbls 7% KCL wtr. SI. Record ISIP and 15 min SIP.
7. Rls pkr. Lower & latch RBP. Set RBP +/- 9480' and test. Spot 2 bbls 7-1/2% HCL acid 9464-9380'. PU to +/- 9425'. Rev 3 bbls into tbgs. Set pkr. Load tbgs & EIR into perfs 9442-9464' w/ 5 bbls 7% KCL wtr. SI. Record ISIP and 15 min SIP.



8. Rls pkr. Lower & latch RBP. Set RBP +/- 9430' and test. Spot 2 bbls 7-1/2% HCL acid 9408-9312'. PU to +/- 9350'. Rev 3 bbls into tbg. Set pkr. Load tbg & EIR into perfs 9393-9408' w/ 5 bbls 7% KCL wtr. SI. Record ISIP and 15 min SIP.
9. Rls pkr. Lower & latch RBP. Lower & re-set RBP +/- 9580'. PU & set pkr +/- 9350'. Load annulus and test.
10. Swab test 9393-9550' and evaluate.
11. Additional procedure will follow to either:
  - a. Acidize 9393-9550'
  - b. Frac 9393-9550'
  - c. Put 9393-9550' on production and test
  - d. Set CIBP +/- 9350' & test 9218-9238'

# GRUY PETROLEUM MANAGEMENT CO.

MALLON FED 30 #43

SPUDED 5/21/98

API 30-025-34448

Re-entry 10/14/02

## CURRENT COMPLETION

Sherry Reid Carroll 10/21/03

KB: 3689'

DF: 3688'

GL: 3666'

1980' FSL & 860' FEL

Sec 30, T-19-S, R-34-E

Unit Letter I

Lea County, New Mexico

Casing Strings:  
20" x 40' conductor

13-3/8" (17-1/2" hole), 54.4#, J-55  
@ 657' w/ 400 sx cmt  
TOC @ surface - circ

9-5/8" (12-1/4" hole), 40#, K-55  
@ 4217' w/ 1800 sx cmt  
TOC @ surface - circ

5-1/2" (7-7/8" hole), 17#, N-80 & P-110HC  
@ 13,800' w/ DV @ 9028'  
1st stg - 860 sx cmt (circ off DV)  
2nd stg - 1655 sx cmt (circ to surf)

TUBING:  
None

Morrow Perfs:  
13202-34', 4 spf (1/9/03) - ThruTbg  
13202-34', 6 spf (1/31/03)  
Frac'd 13202-13298'

13264-70, 13280-86 & 13294-98'  
6 spf (12/13/02) - PwrPerf

13332-38 & 13372-80', 6 spf (11/14/02)  
Acdz & Frac'd

CIBP @ 13130' w/ 35' cmt on plug

CIBP @ 13325'

TD = 13,800'