

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

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

C/SF

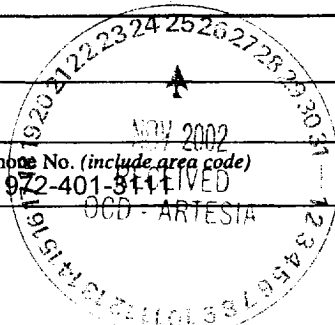
**SUNDRY NOTICES AND REPORTS ON WELLS**

**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
2. Name of Operator  
Gruy Petroleum Management Co.
- 3a. Address  
P. O. Box 140907 Irving, TX 75014-0907
- 3b. Phone No. (include area code)  
972-401-3111
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FNL & 660' FEL Sec. 22 T24S - R26E

UT. A



5. Lease Serial No.  
NM 0402170
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.  
SW - 1034
8. Well Name and No.  
Federal 22 Com No. 2
9. API Well No.  
30-015- 32486
10. Field and Pool, or Exploratory Area  
White City; Penn (Gas)
11. County or Parish, State  
Eddy Co., NM

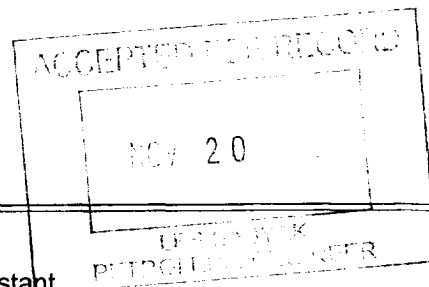
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" 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 checked="" type="checkbox"/> Other Set Surface & Intermediate Casing	
	<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 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.)

- 11/07/02 Spud 17 1/2" hole at 6:00 AM (CST). Reached TD of 445'. Ran 10 jts 13 3/8" 48# H-40 8rd ST&C New Casing. Ran 5 Halliburton centralizers. Lead with 340 sx Premium Plus Cement + 4% Gel + 2% CaCl + 1/4# Flocele per sx. Tailed with 150 sx Premium Plus Cement + 2% CaCl. Plugged down and bumped with 270#. Circulated 69 sx to surface.
- 11/12/02 Reached TD of 3214' at 6:00 AM. Rigged up 9 5/8" casing. Ran 10 Halliburton centralizers. Lead with 800 sx Interfill "C" + 1/4# Flocele per sx. Tailed with 200 sx Premium Plus Cement + 1% CaCl + 1/4# Flocele per sx. Plugged down and bumped with 1180#. Circulated 81 sx cement to surface.

See attached drilling report.



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

Title  
Production Assistant

Signature

*Natalie Krueger*

Date

November 18, 2002

**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.

(Instructions on reverse)

# Gruy Petroleum Management Co.

Magnum Hunter Production, Inc.

## Well History

November 7, 2002 Thru November 13, 2002

### OPERATED

#### CARLSBAD

GRUY PETROLEUM MANAGEMENT CO

**76878 FEDERAL 22 COM 2**

EDDY, NM

900'FNL, 660'FEL, Sec 22, T24S, R26E

W.I. Pct BCP 12.19 %

W.I. Pct ACP 12.19 %

Morrow / 12,000'

11/07/2002                      Depth                      61  
Progress                      61  
AFE:                      22288                      Present Operation:    Preparing to Spud Well

Location staked by John West Surveying on 5/8/2002 - 990' FNL & 660' FEL Sec. 22 T-24-S R-26-E in Eddy County, New Mexico. B&H Construction built location, pits & road from 10/28/2002 to 11/1/2002. Abbott Brothers set 20" conductor pipe at 38' FGL & cemented with ready mix - dug rat & mouse holes + 3 sump holes on 11/4/2002. Akome, Inc. plastic lined & fenced reserve pit on 11/5/2002 - Great Basin put water in reserve pit to hold down the plastic on 11/5/2002. MIRU Patterson-UTI Rig # 75 on 11/5/2002 to 11/6/2002. Welded flow nipple onto conductor pipe - mixed spud mud - preparing to spud well.

11/08/2002                      Depth                      445  
Progress                      384  
AFE:                      22288                      Present Operation:    NU BOPs & Choke Manifold

Drilling from 61' to 213' (Spud 17 1/2" hole at 6:00 AM (CST) 11/7/2002) - no returns @ 59' prior to drilling out 20" cond. pipe - pumped 80 bbl. viscous mud pill with LCM & gained full returns WLS @ 213' = 1/2o Service rig Drill from 213' to 445' TD - (Reached TD of 17 1/2" hole at 4:45PM (CST) 11/7/2002) Circulate Drop Totco @ 445' = 1/2o & trip out to run 13 3/8" casing RU Csg. crew & ran 10 jts. 13 3/8" 48# H-40 8rd ST&C New Casing (449.60') - set at 445' KB - KB to GL = 23.00' - ran 5 Halliburton centralizers: 430', 309', 219', 129' & 39' KB. Attempted to RU Halliburton Cement head w/o success, installed swedge & circ. to clear csg. Hall. cemented 13 3/8" csg. (Lead) 340 sx Prem. Plus Cement + 4% Gel + 2% CaCl + 1/4# Flocele per sx, (Tail) 150 sx Prem. Plus Cement + 2% CaCl - plug down & bumped with 270# at 10:53 PM 11/7/02 - circulated 69 sx cement to surface - Homer Saenz w/ the BLM witnessed job. WOC - (cut off 20" conductor pipe after 3 hrs. WOC) Cut off 13 3/8" casing & weld on a 13 3/8" SO X 13 5/8" 3,000# braden head & tested between the welds to 500# for 15 mins. - OK

11/09/2002                      Depth                      864  
Progress                      419  
AFE:                      22288                      Present Operation:    Drlg

NU BOP & choke manifold Test BOP blind rams, well head & 13 3/8" casing to 500# with rig pump - OK (Verbal approval by Jim Amos with the BLM to test to 500# - BLM didn't witness test) Strap & PU BHA Service rig TIH with Bit # 2, Sperry Sun 8" Mud Motor, Reamer, 8" DC, Stab. & 8" DC's - tagged up @ 381' Test BOP pipe rams & hydril to 500# with rig pump - OK Drilled cement, plug, float collar, cement & shoe from 381' to 445' Drill from 445' to 864' (86 motor RPM & 36 rotary RPM until BHA cleared 13 3/8" casing shoe & 86 motor RPM & 50 rotary RPM thereafter) - back on formation at 4:15 PM 11/8/2002

11/10/2002                      Depth                      1,620  
Progress                      756  
AFE:                      22288                      Present Operation:    Drlg

Drill from 864' to 870' (87 RPM motor & 50 RPM rotary) WLS @ 797' = 1 1/2o Drill from 870' to 1,123' (87 RPM motor & 50 RPM rotary) Service rig Drill from 1,123' to 1,249' (87 RPM motor & 50 RPM rotary) WLS @ 1,175' = 1 3/4o Drill from 1,249' to 1,566' (88 RPM motor & 50 RPM rotary) WLS @

Monday, 18 November, 2002

FEDERAL 22 COM 2

1

1,492' - 10 Drill from 1,500 to 1,620' (87 RPM motor & 60 RPM rotary)

11/11/2002 Depth 2,420  
Progress 800

AFE: 22288 Present Operation: Drlg

Drill from 1,620' to 1,851' (87 RPM motor & 60 RPM rotary - 45K to 50K bit wt.) Service rig Drill from 1,851' to 2,041' (87 RPM motor & 60 RPM rotary - 45K to 50K bit wt.) WLS @ 1,967' = 1/2o Drill from 2,041' to 2,420' (87 RPM motor & 60 RPM rotary - 50K to 55K bit wt.)

11/12/2002 Depth 3,214  
Progress 794

AFE: 22288 Present Operation: Drlg

Drill f/2420' to 2642' (87 RPM motor & 60 RPM rotary - 50K to 55K bit wt); WLS @ 2467' = 1/4 deg; drill f/2642' to 2706' (87 RPM motor & 60 RPM rotary - 55K bit wt); serv rig; drill f/2706' to 3023' (87 RPM motor & 60 RPM rotary - 55K bit wt); WLS @ 2949' = 1 deg; drill f/3023' to 3214'TD (87 RPM motor & 60 RPM rotary - 55K bit wt) - Davis Fluid Calipers ran fluid caliper while drilling from 3180' to 3195' - shows that it will take 2071.20 ft.3 (20% excess) to circulate cmt to surface with 9-5/8" casing in hole - reached TD of 12-1/4" hole at 6:00 AM, 11/12/02.

11/13/2002 Depth 3,214  
Progress 0

AFE: 22288 Present Operation: Cut Drilling Line

Pump 80 bbl. viscous sweep & circulate Drop Totco @ 3,214' = 1/4o & trip out standing back drill pipe RU laydown machine & POOH LD 18 - 8" DC's, stabilizer, reamer, motor & bit Service rig RU casing crew & ran 9 5/8" casing (See Casing Detail), set @ 3,214' KB - KB to GL = 23.00' - ran 10 Halliburton centralizers: 3,199', 3,034', 2,855', 2,677', 2,499', 2,321', 2,142', 1,963', 1,784' & 1,605' RU & circulate to clear casing - wait on Halliburton pump truck to get to location Halliburton cemented 9 5/8" casing (Lead) 800 sx Interfill "C" + 1/4# Flocele per sx, followed by (Tail) 200 sx Premium Plus Cement + 1% CaCl + 1/4# Flocele per sx - plug down & bumped with 1,180# at 6:24 PM 11/12/02 - circulated 81 sx cement to surface - BLM was notified - didn't witness job ND & PU BOP - set 9 5/8" casing slips in 75,000# - cut off 9 5/8" casing - installed a 13 5/8" 3M X 11" 5M "B" Section Spool - NU BOP's & choke manifold - made repairs to accumulator Test BOP, choke manifold & associated equipment to 5,000# - OK - Paul Swartz with the BLM witnessed the test Cut drilling line & rig repair to replace kick pads on drum