Form 3160-5 (November 1994)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Circulated 107 sx cement to surface. WOC 16.25 hours.

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

BUREAU OF LAND MANAGEMENT Lease Serial No. SUNDRY NOTICES AND REPORTS ON WELLS LC 065421 Do not use this form for proposals to drill or to re-enter an ECEIVED abandoned well. Use Form 3160-3 (APD) for such proposits - ARTE If Indian, Allottee or Tribe Name If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other Instructions on reverse side Pendina Type of Well Oil Well Gas Well Other 8. Well Name and No. Bradley 14 Federal Com No. 1 Name of Operator Gruy Petroleum Management Co. 9. API Well No. 30-015-32672 3a. Address Phone No. (include area code) P. O. Box 140907 Irving, TX 75014-0907 972-401-3111 10. Field and Pool, or Exploratory Area White City; Penn (Undesignated) 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 1650' FNL & 990' FWL; Section 14-T24S-R26E Eddy Co., NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION ☐ Acidize Deepen Production (Start/Resume) ☐ Water Shut-Off Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Other Surface and Casing Repair New Construction Recomplete Plug and Abandon Intermediate Casing Change Plans Temporarily Abandon ☐ Final Abandonment Notice Plug Back Convert to Injection 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.) Spudded a 17 1/2" hole at 6am CDT. Drill to 426' TD by 9pm CDT. Ran 10 jts. 13 3/8" casing. Cemented with 04/17/03 Lead of 340 sx Premium Plus Cement + 4% Gel + 2% CaCl + 1/4# Flocele per sx. Tailed with 150 sx Premium Plus Cement + 2% CaCl. 04/18/03 Plugged down and bumped with 500# at 6AM CDT 04/18/03. Circulated 200 sx cement to surface. WOC 16.75 hours. 04/23/03 Drilled to TD of 3205'. 04/24/03 Ran 18 jts 9 5/8" casing. Cemented with lead of 750 sx Interfill "C" + 1/4# Flocele per sx, followed by tail of 235 sx Premium Plus cement + 1% CaCl + 1/4# Flocele per sx. Plugged down and bumped with 1550#.

Title		
Production Assistant		
Date		
June 11, 2003		
OR STATE OFFICE	USE	
Title	Date	
or Office		
	Production Assistant Date June 11, 2003 OR STATE OFFICE IT Title or Office	Production Assistant Date June 11, 2003 OR STATE OFFICE USE Title Date

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.

Gruy Petroleum Management Co.

Magnum Hunter Production, Inc.

Well History

April 17, 2003 Thru April 26, 2003

OPERATED

WHITE CITY PROSPECT

GRUY PETROLEUM MANAGEMENT CO 77012 BRADLEY 14 FEDERAL COM 1

W.I. Pct BCP

42.97 % 42.97 %

W.I. Pct ACP

EDDY, NM

/ 13,000'

04/17/2003

Depth

61

Progress

0

AFE:

23201

Present Operation: Preparing to Spud

Location staked by John West Surveying on 12/11/2002 - 1,650' FNL & 990' FWL of Sec. 14 T-24-S R-26-E in Eddy County, New Mexico. B&H Construction built location, pits & road from 4/11/2003 to 4/13/2003. Abbott Brothers set 20" conductor pipe at 38' FGL & cemented with 4 1/2 yds. ready mix dug rat & mouse holes on 4/13/2003 to 4/14/2003. Akome, Inc. plastic lined & fenced reserve pit on 4/13/2003 - Great Basin put water in reserve pit to hold down the plastic on 4/13/03. MIRU Patterson-UTI Rig # 75 on 4/16/2003. Welded flow nipple onto conductor pipe - mixed spud mud - preparing to spud well.

1650'FNL & 990'FWL Sec 14 T24S R26E

04/18/2003

Depth

426

Progress

365

AFE:

23201

Present Operation: Cementing 13-3/8" Casing

Drill from 61' to 89' (Spud a 17 1/2" hole at 6:00 AM (CDT) 4/17/2003) POOH - unplug bit - PU shock sub & BHR - TIH Drill from 89' to 244' Service rig WLS @ 195' = 3/40 Drill from 244' to 426' TD (Reached TD of 17 1/2" hole at 9:00 PM (CDT) 4/17/2003) Circulate Drop Totco @ 426' = 1 1/20 & POOH - LD BHR, shock sub & bit RU casing crew - ran shoe & 1 joint of csg. - cross threaded the float collar ruined FC & 1 jt. of csg. Wait on delivery of new Halliburton 13 3/8" float collar Continued running 13 3/8" csg. (See Casing Detail) - tight hole every joint Wash casing 60' to bottom - tight hole 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 500# at 6:00 AM (CDT) 4/18/03 - circulated 200 sx cement to surface - Jim Amos w/ the BLM came out when we started running casing & ruined the FC - didn't stay to witness the cement job.

04/19/2003

Depth

750

Progress

324

AFE:

23201

Present Operation: Drlg

WOC & cut off 20" conductor pipe - jet & clean steel pits Cut off 13 3/8" casing & weld on a 13 3/8" SO X 13 5/8" 3,000# Braden Head & test to 520# - OK NU BOP & choke manifold Test BOP blind rams, choke manifold, well head & casing to 1,100# with rig pump - OK PU & TIH with Bit # 2, mud motor, BHA & 8" DC's - tagged up on cement at 370' Test BOP pipe rams, choke manifold, well head & casing to 1,150# with rig pump - OK Drill cement, plug, float collar, cement & shoe from 370' to 426' Drill from 426' to 750' - back on formation at 8:45 PM (CDT) 4/18/2003 - (motor = 88 RPM - rotary = 38 RPM - 20K to 25K bit wt.)

04/20/2003

Depth

1,100 350

AFE: 23201 **Progress** Present Operation: Drlg

Drill from 750' to 871' (motor = 88 RPM - rotary = 38 RPM - 20K to 25K bit wt.) Service rig WLS @ 794' = 20 Rig repair on draw works Drill from 871' to 1,029' (motor = 88 RPM - rotary = 45 RPM -10K to 20K bit wt.) WLS @ 984' = 4 1/20 Drill from 1,029' to 1,042' (motor = 88 RPM - rotary = 45

Friday, 6 June, 2003

BRADLEY FEDERAL COM

RPM - 10K bit wt.) Drop Totco @ 984' = 3 1/40 & POOH - LD stabilized motor - checked bit - OK PU & TIH with Bit # 2 & new non-stabilized motor - changed BHA to pendulum assembly Wash 30' to bottom no fill Drill from 1,042' to 1,093' (motor = 88 RPM - rotary = 45 RPM - 10K to 12K bit wt.) WLS @ 1,047' = 4 1/40 Drill from 1,093' to 1,100' (motor = 88 RPM - rotary = 45 RPM - 10K to 12K bit wt.)

04/21/2003

Depth 1,484 **Progress** 384

AFE:

23201

Present Operation: Drlg

Due to the large amount of information on today's report, I am summarizing the report. Drilled from 1,100' to 1,484' (motor = 88 RPM - rotary = 45 RPM - 10K to 15K bit wt.) taking surveys every kelly down wireline surveys: $1,080' = 4 \frac{1}{40}$, 1,111' = 40, $1,143' = 3 \frac{1}{40}$, $1,175' = 3 \frac{1}{20}$, $1,206' = 3 \frac{1}{20}$, $1,238' = 3 \ 3/40, \ 1,270' = 3 \ 1/20, \ 1,301' = 3 \ 1/40, \ 1,333' = 30, \ 1,364' = 30, \ 1,396' = 30 \& \ 1,428' = 20$ 1/2o

04/22/2003

Depth 1,734 **Progress** 250 Present Operation: Drlg

AFE: 23201

> Drilled from 1,484' to 1,600' (motor = 88 RPM - rotary = 45 RPM - 10K to 12K bit wt.) taking surveys every kelly down - wireline surveys: 1,460' = 23/40, 1,491' = 21/40, 1,523' = 13/40 & 1,555'= 10 Service rig POOH - change BHA to packed hole assembly - check motor & bit - both OK TIH to 1,455' Wash & ream 145' to bottom from 1,455' to 1,600' Drill from 1,600' to 1,663' (motor = 88 RPM - rotary = 50 RPM - 15K to 20K bit wt.) WLS @ 1,618' = 3/40 Drill from 1,663' to 1,670' (motor = 88 RPM - rotary = 50 RPM - 20K to 25K bit wt.) Rig repair on pump Drill from 1,670' to 1,726' (motor = 88 RPM - rotary = 50 RPM - 20K to 25K bit wt.) WLS @ 1.681' = 10 Drill from 1,726' to 1,734' (motor = 88 RPM - rotary = 50 RPM - 20 K to 25 K bit wt.)

04/23/2003

Depth 2.445 **Progress** 711 Present Operation: Drlg

AFE:

23201

Drill from 1,734' to 1,853' (motor = 88 RPM - rotary = 50 RPM - 25K to 30K bit wt.) Service rig WLS @ 1,808' = 3/40 Drill from 1,853' to 2,106' (motor = 88 RPM - rotary = 50 RPM - 37K to 40K bit wt.) WLS @ 2,060' = 3/40 Drill from 2,106' to 2,445' (motor = 88 RPM - rotary = 50 RPM - 40K to 45K bit wt.)

04/24/2003

Depth 3,205 **Progress** 760

AFE: 23201 Present Operation: Trip Out to Run 9-5/8" Casing

Drill from 2,445' to 2,485' (motor = 88 RPM - rotary = 50 RPM - 40K to 45K bit wt.) WLS @ 2,408' = 3/40 Drill from 2,485' to 2,771' (motor = 88 RPM - rotary = 50 RPM - 50K to 55K bit wt.) Service rig Drill from 2,771' to 2,898' (motor = 88 RPM - rotary = 50 RPM - 50K to 55K bit wt.) WLS @ 2,821' = 1/20 Drill from 2,898' to 3,205' TD (motor = 88 RPM - rotary = 50 RPM - 50K to 55K bit wt.) reached TD of 12 1/4" hole at 3:15 AM (CDT) 4/24/2003 - ran Davis Fluid Caliper at 3,151', it will take 1,684 ft.3 (without excess) cement with 9 5/8" casing to circulate cement at 3,205' TD Pump 60 bbl.

viscous sweep & circulate Drop Totco & POOH standing back 4 1/2" DP

04/25/2003

Depth 3,255 **Progress** 50 Present Operation: Drlg

23201 AFE:

> RU laydown machine & POOH LD 8" DC's, IBS, BHR, motor & Bit # 2 12 1/4" HTC HR-S44C SN= 6012096 3-14's in @ 426' out @ 3,205' cut 2,779' in 107 3/4 hrs. condition = T2 B4 in gauge Service rig - RU casing crew & run 9 5/8" casing (See Casing Detail) RU Halliburton & circulate to clear casing Hall. cemented 9 5/8" csg. (Lead) 750 sx Interfill "C" + 1/4# Flocele per sx, followed by (Tail) 235 sx Premium Plus Cement + 1% CaCl + 1/4# Flocele per sx - plug down & bumped with 1,550# at 2:00 PM (CDT) 4/24/03 - circulated 107 sx cement to surface - Paul Swartz w/ the BLM witnessed job ND & PU BOP - set 9 5/8" casing slips in 118,000# - cut off 9 5/8" casing - installed a 13 5/8" 3M X 11" 5M "B" Section Spool & tested same to 2,000# - OK - NU BOP's & choke manifold Test BOP, choke manifold & assoc. equip. to 5,000# - OK - Paul Swartz w/ the BLM witnessed test Dart Valve (replaced) &

Accumulator test failed (repaired) - installed wear bushing PU & TIH with Bit # 3, motor, BHA, DC's TIH with DP to 3,132' - test csg. to 2,200# - OK. Drill cement, plug, FC, cement & shoe from 3,170' to 3,205' Drill 10' of formation to 3,215' & test

formation to $10.5 \, \#/gal \, EMW \, w/ \, 8.4 \, \#/gal \, fluid$ to 350 # - OK Drill from 3,215' to 3,255' (motor = $158 \, RPM$ - rotary = $40 \, RPM$ - 25K to 30K bit wt.) back on formation at $4:15 \, AM$ (CDT) 4/25/2003.