

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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  
☐ 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)  
1200' FNL & 1400' FEL Sec. 8 T24S - R26E

5. Lease Serial No.  
NM 15295

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
C & K Federal 2

9. API Well No.  
30-015-32809

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 <u>Set Surface &amp; Intermediate Casing</u>
	<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.)

06-15-03 Spud well.

06-16-03 Ran 315' of 13-3/8" casing to 310.' Circulated with no returns. Cemented with 200 sx lead and 150 sx tail. Displace with 42 bbls of FW. Bumped plug and held. Pumped 125 sx of Premium with 3% Calcium Chloride & circulation cement to top of conductor. Cement fell back below ground level-used ready mix cement to bring up to surface. WOC 12 hours.

06-20-03 Ran 1967' of 9.625/P110/40/LTC casing to 1960.' No returns from wellbore. Cemented with 500 sx Thixotropic, 500 sx Interfill "C," and 200 sx Premium Plus. Displaced with 146 bbls FW. Bumped plug and floats held. Circulated 400 sx of cement to reserve pit. WOC 12 hours.

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

Name (Printed/Typed)

Natalie Krueger

Signature

Title

Production Assistant

Date

July 1, 2003

**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

ACCEPTED FOR RECORD

JUL 7 2003

Date

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

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**  
**June 15, 2003 Thru June 20, 2003**

**OPERATED**

**WHITE CITY PROSPECT**

GRUY PETROLEUM MANAGEMENT CO  
**77013 C&K FEDERAL #2**

EDDY, NM

1200'FNL, 1400'FEL, Sec 8 T24S R26E

06/15/2003

Depth 210  
Progress 210

AFE: 23162

Present Operation: Wait on Water for Lost Returns

Mix spud mud; drill 17.5" hole to 63' & lost all returns in conductor, mud was coming up around drat hole; POOH & WOC from Hall, ordered 100 sx of Class H with 2% calcium chloride; pump cement down conductor pipe, dis not see cmt come up through rathole, but fluid level in pipe was up to flowline; WOC to set; drill f/63' to 210' with 50% returns & lost all areturns at 210'; pull up into conductor & wait on water.

06/16/2003

Depth 310  
Progress 100

AFE: 23162

Present Operation: Welding on WH

Filling pits with water; TIH; drlg to 310' with partial returns from 223' to 242', lost all returns below 242' to 310'; pump LCM sweep with no returns; TOH for casing, wait on casing crew; run 315' of 13-3/8" casing to 310'; CIRC casing with no returns; cmt with 200 sx of lead & 150 sx of tail, displace with 42 bbls of FW, bumped plug & held; did not have any circulation during job; WOC to set, RU & run one inch plastic pipe, tag up cmt at 175'; pump 125 sx of Premium with 3% calcium chloride & circulation cmt to top of conductor; cmt fell back down hole below ground level, will use ready mix cmt to bring up to surface; WOC; cut conductor & casing; weld on wellhead; Woods rig leveling jacked up rig & leveled up on doghouse side 4 inches.

06/17/2003

Depth 700  
Progress 390

AFE: 23162

Present Operation: Drlg

Weld on WH & test to 500#; NU BOP stack, pour 3.5 yds of Ready Mix in cellar around 13-5/8" casing; TIH to 260'; test casing to 500#, test pipe rams & choke manifold to 500#; drill cmt, FC at 265', cmt, & shoe at 310'; drlg f/310' to 647' with 35K WOB & 70 RPM; WLS at 600' = .75 degs; drlg f/647' to 700' with 35K WOB & 70 RPM.

06/18/2003

Depth 1,292  
Progress 592

AFE: 23162

Present Operation: Building LCM pill

Drilling from 700' - 943' with 35K WOB and 70 RPM. Wireline Survey at 896' -75 degrees. Drilling from 943' - 1292' with 10 - 35K WOB and 70 RPM. Lost circulation at 1265' - 1292'. Ordered water trucks from Great Basin and Superior. Mix and pump 2 - 100 bbl LCM pills with 20 #/bbl LCM. Filling steel pits for dry drilling. Dalily ROP - 29.6'/hr.

06/19/2003

Depth 1,700  
Progress 405

AFE: 23162

Present Operation: Dry Drilling @ 20'/hr

Wait on water & build LCM pill, trucks were slow to arrive from Superior & Great Basin; dry drilling from 1292' to 1415' with 35K WOB & 75 RPM, pump 20 bbl LCM pill each connection; WLS @

Monday, 23 June, 2003

C&K FEDERAL #2

W.I. Pct BCP 67.41 %  
W.I. Pct ACP 67.41 %  
Morrow 7 12,000'

1368' = 1.25 degs; dry drlg from 1415' with 35K WOB & 75 RPM, pump 20 bbl LCM pill each conn & pour one 5-gallon bucket of pea gravel down annulus, starting to see some pump press; daily ROP 18.8/Cum ROP 25.2'/hr; usisng approx 400 bbls water each hour, four trucks able to keep up with water needs.

06/20/2003

Depth 1,960  
Progress 260  
Present Operation: ND BOP

AFE: 23162

Drilling from 1700' - 1800' with 35K WOB and 75 RPM. Wait on water. Superior Trucking recalled their trucks to yard for other jobs. Water station near rig ran out of water resulting in 2 hour round trip. Drilling from 1800' - 1930' with 35K WOB and 75 RPM. Circulate LCM sweep. Run survey and trip out of hole for casing. Laydown 8" drill collars and shock sub. Rig had one more DC in hole than on tally. Correct to 1960'. Rig up casing crew and run 1967' of 9.625 / P110 / 40 / LTC casing to 1960' and tag bottom. Circulate and rig up Halliburton. No returns from wellbore. Cement with 500 sx Thixotropic, 500 sx Interfill "C", and 200 sx of Premium Plus. Displace with 146 BBLS of FW. Bumped plug and floats held. Circulated 400 sx of cement to reserve pit. Nippled down BOP stack.

RECEIVED  
2003 JUN -3 AM 8:18  
PROJECT  
C&K