

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

WELL API NO.

30-015-32560

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

RECEIVED

2. Name of Operator

Gruy Petroleum Management Co.

3. Address of Operator

P. O. Box 140907, Irving TX 75014-0907

4. Well Location

Unit Letter D : 660' Feet From The North Line and 660' Feet From The West Line

Section 6 Township 23S Range 27E NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3258' GR

7. Lease Name or Unit Agreement Name

Gulf Federal Com

8. Well No.

4

9. Pool name or Wildcat

Carlsbad; Morrow (South)

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Set Surface & Intermediate Casing ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

10-23-03 Spud well. Ran 11 jts of 13-3/8" H-40 STC casing to 407.' Cement with 275 sx Premium Plus lead and 150 sx Premium Plus tail. Ran temperature survey and found cement at 45.' WOC 27 hours.

10-29-03 Ran 74 jts of 9-5/8" LTC casing to 3205.' Cement with 800 sx Interfill "C" with .375# Flocele and 200 sx Premium Plus with 2% CaCl. Circulated 68 sx to pit. WOC 11.25 hours.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

*Natalie Krueger*

TITLE

Production Assistant

DATE 11-4-03

TYPE OR PRINT NAME

Natalie Krueger

TELEPHONE NO. 972-401-3111

(This space for State Use)

**ORIGINAL SIGNED BY TIM W. GUM**  
**DISTRICT II SUPERVISOR**

APPROVED BY

TITLE

DATE

NOV 12 2003

CONDITIONS OF APPROVAL, IF ANY:

# Gruy Petroleum Management Co.

Magnum Hunter Production, Inc.

## Well History

October 23, 2003 Thru November 4, 2003

### OPERATED

#### CARLSBAD SOUTH

GRUY PETROLEUM MANAGEMENT CO

**77195 GULF FEDERAL COM 4**

EDDY, NM

Sec 6, T23S, R27E 660'FNL & 660'FWL

W.I. Pct BCP 94.06 %

W.I. Pct ACP 94.06 %

Morrow / 12,300'

10/23/2003

Depth 440

Progress 440

AFE: 23634

Present Operation: Wait on Welder to Cut Off

Spud well & drill to 138', lost returns & dry drill to 225' before getting returns back, drill on to 440' with 80-90% returns mixing LCM sweeps, ran survey at 180' - .5 degs; CIRC for casing; TOH & standback DCs; RU casing crew & run 11 jts of 13.3/8" 54.5 H40 STC casing to 407', tagged fill at 407'; RD casers & RU swedge to wash to btm, had problems getting fill up iron made up to swedge above floor, CIRC casing while attempting to wash down, appears to be a boulder under shoe preventing any movement down, PU free & sets down solid, casing shoe at 407'; cmt with 275 sx of Prem Plus lead & 150 sx of Prem Plus tail, displace with 62 bbls of FW, lost complete returns during displacement, slowed pumps down to 2 bbls/min & regained partial returns, bumped plug & float held, called OCD & was to told to run temp survey & called BLM, called BLM & spoke with Jim Amos, he also said to run temp survey; WOC to set & ordered 200 sx of "C" neat; ran temp survey & found cmt at 45', released Hall & called welder to cutoff.

10/24/2003

Depth 730

Progress 290

AFE: 23634

Present Operation: Drlg

WO welders to cut conductor & casing; cut conductor & casing, weld on 13-3/8" wellhead & test to 500#, reweld outside of head because of leak, retested ok; NU BOP & accumulator lines; cut drilling line; test blinds & casing to 500#; TIH to 356' & tag cmt; drill cmjt to FC at 365'; test pipe rams & annular to 500#; drill FC, hard cmt & shoe at 407'; drlg new formation to 730'; WLS at 652' = .75 degs.

10/25/2003

Depth 1,251

Progress 521

AFE: 23634

Present Operation: Drlg

Drlg f/730' to 934' with 50K WOB & 50 RPM; WLS at 859' = .75 deg; drlg f/934' to 1029' with 25K WOB & 50 RPM; WLS at 954' = 2 degs; drlg f/1029' to 1124' with 10K WOB in salt & 20K WOB in Anhydrite; WLS at 1049' = 2 degs; drlg f/1124' to 1220' with 8K WOB in salt & 20K WOB in Anhydrite; WLS at 1145' = 2.25 degs; drlg f/1220' to 1251' with 9K WOB in salt & 20K WOB in Anhydrite.

10/26/2003

Depth 1,772

Progress 521

AFE: 23634

Present Operation: Drlg

Drlg f/1251' to 1347' with 10K WOB in salt & 25K WOB in Anhydrite; WLS at 1272' = 2 degs; drlg f/1347' to 1506' with 10K WOB in salt & 25K WOB in Anhydrite; WLS at 1431' = 2.25 degs; drlg f/1506' to 1702' with 10K WOB in salt & 25K WOB in Anhydrite, speed up rotary to 70; WLS at 1621' = 1.75 degs; drlg f/1702' to 1772' with 10K WOB in salt & 25-35K WOB in Anhydrite, turning 70 RPM.

10/27/2003	Depth	2,385
	Progress	613
AFE:	23634	Present Operation: Drlg

Drlg f/1772' to 1823' with 30K WOB & 70 RPM; rig serv; drlg f/1823' to 1855' with 30K WOB & 70 RPM; WLS at 1785' = 2 degs; drlg f/1855' to 2078' with 30K WOB & 70 RPM; WLS at 2003' = 1.5 degs; drlg f/2078' to 2273' with 30K WOB & 70 RPM; WLS at 2193' = .5 degs; drlg f/2273' to 2385' with 35K WOB & 70 RPM.

10/28/2003	Depth	3,115
	Progress	730
AFE:	23634	Present Operation: Drlg

Drlg f/2385' to 2459' with 40K WOB & 70 RPM; rig serv; drlg f/2459' to 2554' with 40K WOB & 70 RPM; WLS @ 2484' = .75 degs; drlg f/2554' to 2841' with 50K WOB & 70 RPM; WLS at 2766' = 1 deg; drlg f/2841' to 3002' with 50K WOB & 70 RPM; WLS at 2924' = .75 degs; drlg f/3002' to 3115' with 50K WOB & 70 RPM; presently running fluid caliper for cmt volumes.

10/29/2003	Depth	3,205
	Progress	90
AFE:	23634	Present Operation: TIH to Drill

Drlg f/3115' to 3205' with 50K WOB & 70 RPM, TD intermediate hole; CIRC for TOH; TOH and RU LD machine, LD 8" BHA; RU casers & run 74 jts of 9-5/8" 40 NS110 LTC casing to 3205' & tag btm; RU Hall while circulating BU; cmt with 800 sx of interfill "C" with .375# flocele, 200 sx Prem Plus with 2% CaCl<sub>2</sub> and displace with 240 bbls of FW, bumped plug at 890# & press up to 1500#, floats held & CIRC 68 sx to pit, RD Hall; ND BOP; set slips with 120K, cutoff casing, & NU WH, test to 3000#; NU BOP; test annular to 3500# & all other equip to 5000#; MU BHA & TIH, will test casing to 1500#, drill 5' of new hole & pit to 10.5 EMW, bit #3 - Hughes EB5060.

10/30/2003	Depth	4,420
	Progress	1,215
AFE:	23634	Present Operation: Drlg

Test csg 1500#, test ok; drill cmt & 5' new formation; test formation 350#, EMW 10.5 ppg; drill f/3210' to 3279', avg ROP 138 FPH, WOB 20, RPM 50; chg out kelly hose & serv rig; drill f/3279' to 3793', avg ROP 60.5 FPH, WOB 40, RPM 45; WLS @ 3705 = 1 deg; drill f/3793' to 4270', avg ROP 53 FPH, WOB 40, RPM 45; WLS @ 4200' = 3/4 deg; drill f/4270' to 4420', avg ROP 50 FPH, WOB 40, RPM 45.