

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
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1200' FNL & 1400' FEL Sec. 8 T24S - R26E

3b. Phone No. (include area code)
972-401-3111

RECEIVED

NOV - 7 2003
OCD-ARTESIA

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 3
9. API Well No.
30-015-32947
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 production 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 recomplate 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.)

10-18-03 Reached logger's TD of 12406.'

10-19-03 Ran 5-1/2" casing.

10-20-03 Finished running 12410' of 5-1/2" P110 & N80 17# LTC casing to 12406.' Cemented 1st stage with 400 sx Interfill H & 600 sx Super H. Circulated 80 sx cement to pit. Cemented 2nd stage with 750 sx Interfill C & 100 sx Prem Neat. Displaced with 162 bbls FW. Did not circulate any cement. Released rig at 0300 hrs. TOC 285.'

ACCEPTED FOR RECORD

NOV 3 2003

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

Natalie Krueger

Signature

Title

Production Assistant

Date

October 27, 2003

LES BABYAK
PETROLEUM ENGINEER

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

September 19, 2003 Thru October 20, 2003

OPERATED

WHITE CITY PROSPECT

GRUY PETROLEUM MANAGEMENT CO

77154 C & K FEDERAL #3

EDDY, NM

Sec 8, T24S, R26E

W.I. Pct BCP 67.41 %

W.I. Pct ACP 33.70 %

Morrow / 12,000'

09/19/2003 Depth 2,550

Progress 615

AFE: 23395 Present Operation: Drlg

NU BOP stack & choke manifold; test blinds, pipe rams, choke manifold valves & floor valves to 250 & 5000#, test annular to 250 & 3500#, greased & worked manifold valves before they would test; hooked up flowline & centered BOP stack; MU BHA & TIH to 1875' & tag cmt; test casing to 2200#; drill cmt to FC at 1891', FC, cmt to shoe at 1935' & FS; drill 5' of new formation and test to 200# for a 10.5 ppg EMW; drlg from 1940' to 2505' with 25-35K WOB & 50 RPM; WLS at 2430' = 1.5 degs; drlg f/2505' to 2550' with 25K WOB & 50 RPM.

09/20/2003 Depth 3,350

Progress 800

AFE: 23395 Present Operation: Drlg

Drlg f/2550' to 2856' with 25-30K WOB & 50 RPM; WLS at 2781' = 1.25 degs; drlg f/2856' to 3320' with 20-25K WOB & 50 RPM; WLS at 3258' = 1 deg; drlg f/3320' to 3350' with 35-30K WOB & 50 RPM.

09/21/2003 Depth 4,095

Progress 745

AFE: 23395 Present Operation: Running Gyro

Drlg f/3350' to 3809' with 25K WOB & 50 RPM; WLS at 3757' = .5 degs; drlg f/3809' to 4095' with 30K WOB & 50 RPM; sweep hole with high visc pill; RU Gyro & run gyro.

09/22/2003 Depth 4,374

Progress 279

AFE: 23395 Present Operation: Jet Pits & Work on Pump

Running gyro from 4053' to surface; TOH; chg out BHA, MU build assy & orient tools; TIH to 4045'; W&R 50' to btm; rotate & slide from 4095' to 4374' with 30-40K WOB & 40-50 RPM; MWD quit, TOH to check tools, screen full of paper & cuttings; jet pits & work on #1 pump. Surveys: 4099' = 1.1 deg at 179.2 AZ, 4163 = 1.7 deg at 232.4 AZ, 4226 = 3.1 deg at 249 AZ, 4290 = 5.2 deg at 253.9 AZ, 4322 = 6.2 deg at 255.4 AZ.

09/23/2003 Depth 4,879

Progress 505

AFE: 23395 Present Operation: Rotate & Slide

Clean pits, adjust brakes & work on #1 pump; test MWD; TIH to 4330'; wash 44' to btm; rotate & slide from 4374' to 4879' with 40K WOB & 50 RPM, slide 7-9' per kelly. Surveys: 4385 = 7.8 deg at 256 AZ, 4480' = 11 degs at 254.3 AZ, 4575' = 13.5 deg at 255.4 AZ, 4671' = 15.8 deg at 257.5 AZ, 4786' =

Thursday, 23 October, 2003

C & K FEDERAL #3

1

17.3 deg at 257.5 AZ, 4798 = 17.7 deg at 256.5 AZ.

09/24/2003	Depth	5,406
	Progress	526
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 4879' to 5406' with 35K WOB & 45 RPM. Surveys: 4893' = 19 degs at 258.7 AZ, 4989' = 20 deg at 260.8 AZ, 5084' = 19.9 deg at 261.9 AZ, 5179' = 19.2 deg at 259.1 AZ, 5274' = 19.8 deg at 258.6 AZ, 5338' = 19.9 deg at 262.9 AZ - angle wanting to build, sliding 9-10' each conn at 150-160R GTF.</p>		
09/25/2003	Depth	5,780
	Progress	374
AFE: 23395	Present Operation:	Drilling
<p>Rotate and slide from 5406' to 5780 with 40K WOB and 45 RPM. Bit not wanting to hold angle. Prepare to trip for new bit. Daily ROP - 15.5'/hr / Cum ROP - 21.5'/hr.</p> <p>Surveys:</p> <p>5401' - 19.3 deg at 262.8 AZ 5496' - 16.9 deg at 259.8 AZ 5591' - 16/6 deg at 254 AZ 5687' - 16.5 deg at 256.2 AZ 5719' - 16.1 deg at 256.1 AZ</p>		
09/26/2003	Depth	6,026
	Progress	246
AFE: 23395	Present Operation:	Drilling
<p>Drilling from 5780' to 5786' with 40K WOB and 45 RPM. Pump BW slug. Trip out of hole for bit and motor. Cut drilling line. TIH to 5338 and tag up on bridge. Wash and ream from 5338' to 5786'. Appears to have been keyseated. Back reamed several times from 5338' to 5360' before able to pull up through this section. Rotate and slide from 5786' to 6026' with 40K WOB and 45 RPM. Daily ROP 24.76'/hour.</p> <p>SURVEYS:</p> <p>5785' - 16.3 deg at 254.7 AZ 5849' - 16.9 deg at 259 AZ 5880' - 18 deg at 257.6 AZ 5912' - 18.7 deg at 258.3 AZ 5944' - 18.5 deg at 260.5 AZ VS - 472.33' at 6026'</p>		
09/27/2003	Depth	6,565
	Progress	539
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 6026' to 6565' with 40K WOB & 45 RPM - Surveys: 6103' = 18.1 deg at 263 AZ, 6198' = 18.5 deg at 261.9 AZ, 6293' = 18.8 deg at 262.3 AZ, 6388' = 18.8 deg at 262.8 AZ, 6483' = 18.2 deg at 264.7 AZ</p>		
09/28/2003	Depth	7,040
	Progress	475
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 6565' to 7040' with 40K WOB & 45 RPM. Surveys: 6610' = 18.5 deg at 266.1 AZ, 6706' = 18.3 deg at 265.6 AZ, 6801 = 18.2 deg at 266.2 AZ, 6896' = 19.3 deg at 267.2 AZ, 6960' = 19.2 deg at 266.4 AZ.</p>		
09/29/2003	Depth	7,460
	Progress	420
AFE: 23395	Present Operation:	Drlg

Rotate & slide from 7040' to 7460' with 40K WOB & 45 RPM, drag 40-50K on conn. Surveys: 7087' =

17.9 deg at 262.5 AZ, 7182' = 17.7 deg at 264.1 AZ, 7278' = 17.8 deg at 263.3 AZ, 7373' = 17.5 deg at 262.3 AZ.

09/30/2003 Depth 7,888
Progress 428
AFE: 23395 Present Operation: Drlg

Rotate & slide from 7460' to 7888' with 40K WOB & 45 RPM, will trip for bit & check DC today.
Surveys: 7500' = 18.5 deg at 262.5 AZ, 7595' = 18.6 deg at 263.2 AZ, 7691' = 18.3 deg at 265.5 AZ, 7786' = 19.3 deg at 264.3 AZ, 7818' = 19.5 deg at 263.2 AZ.

10/01/2003 Depth 8,217
Progress 329
AFE: 23395 Present Operation: Inspecting DCs

Rotate & slide from 7888' to 8217' with 40K WOB & 45 RPM, pumped gel sweeps as needed, starting to lose angle & sliding more to hold what we have; TOH to DCs; wait on DC inspector & RU same; TOH inspecting DC, found one collar bad thus far & still have about half to check. Surveys: 7881' = 19.4 deg @ 262.7 AZ, 7976' = 19.3 deg at 263.8 AZ, 8071' = 18.9 deg at 261 AZ, 8135' = 18 deg at 262.4 AZ.

10/02/2003 Depth 8,217
Progress 0
AFE: 23395 Present Operation: Install Rotary Shaft

Inspect DCs, found four bad boxes on 6" DCs; chg out bit, motor & UBHO, orient tools & test; TIH to 5387' & tag up on bridge; work pipe through tight spot 7 back out above same to 5350', rotary table will not turn; work on drawworks; trip out to 2880' to install string mill; wait on mechanic to check rotary shaft, mechanic arrived, checked out drawworks and said it would probably take at least a day to repair shaft; trip out into casing at 1930'; remove rotary shaft & install new one from Curtis Machine Shop in Hobbs. Presently about 2-3 hrs from being ready to TIH to drill.

10/03/2003 Depth 8,525
Progress 308
AFE: 23395 Present Operation: Drlg

Chg out rotary shaft in drawworks; TIH to 5141' & tag bridge; work through tight hole from 5141' to 5400' pushing fill down hole; TIH to 8057', watermelon mill at 5090'; double ream each jt to btm at 8217', mill dragging about 25K above normal drag; rotate & slide from 8217' to 8525' with 40K WOB & 50 RPM. Surveys: 8216' = 19 deg at 264.5 AZ, 8311' = 19.7 deg at 264.1 AZ, 8407' = 19.8 deg at 265.9 AZ, 8470' = 19.6 deg at 266.2 AZ.

10/04/2003 Depth 8,901
Progress 376
AFE: 23395 Present Operation: Tripping for MWD

Rotate & slide from 8525' to 8552' with 40K WOB & 50 RPM; rig serv; rotate & slide from 8552' to 8901' with 40K WOB & 50 RPM, MWD tool quit; TOH for MWD tool, trip out went without any drag in problem section from 5100' to 5400'; chg out MWD & test same, run DC in hole; TIH with DP, presently approx. at 3000' GIH, moved mill up hole to 5100' when on btm. Surveys: 8533' = 19.6 deg at 266.5 AZ, 8629' = 18.9 deg at 265.1 AZ, 8724' = 19.2 deg at 265.9 AZ, 8787' = 19.2 deg at 265.6 AZ

10/05/2003 Depth 9,340
Progress 439
AFE: 23395 Present Operation: Drlg

TIH to 6000', no problems from 5100' to 5400' with bridges; fill pipe & brak circ at 6000'; TIH to 8901' with no fill; rotate & slide from 8901' to 9340' with 40K WOB & 50 RPM, mill at 5550'. Surveys: 8914' = 18.4 deg at 268.5 AZ, 9010' = 18.5 deg at 268.4 AZ, 9105' = 17.5 deg at 268.9 AZ, 9201' = 16.6 deg at 268.6 AZ, 9265' = 16.7 deg at 266 AZ, sliding 11-12' each conn to hold angle.

10/06/2003	Depth	9,745
	Progress	405
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 9340' to 9442' with 40K WOB & 50 RPM; rig serv; rotate & slide from 9442' to 9569' with 40K WOB & 50 RPM; rig repairs, could not get signal from MWD because swabs were out in both pumps, chg out swabs & MWD began working again; rotate & slide from 9569' to 9745' with 40K WOB & 50 RPM, slide 11-12' per conn. Surveys: 9392' = 18 deg at 265.6 AZ, 9487' = 18 deg at 262 AZ, 9582' = 18.5 deg at 262.2 AZ, 9677' = 18.6 deg at 263.2 AZ.</p>		
10/07/2003	Depth	10,117
	Progress	372
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 9745' to 10,117' with 40K WOB & 50 RPM. Surveys: 9709' = 18.3 deg at 261.9 AZ, 9804' = 18.1 deg at 263.3 AZ, 9900' = 17.5 deg at 264.8 AZ, 9995' = 17.9 deg at 263.8 AZ, 10,058' = 18.2 deg at 262.7 AZ, 1744.89 VS.</p>		
10/08/2003	Depth	10,470
	Progress	353
AFE: 23395	Present Operation:	Drlg
<p>Rotate and slide from 10117' - 10470' with 40K WOB and 50 RPM. Daily ROP - 13.95'/hr. Surveys; 10090' - 18.1 deg at 261.4 AZ 10185' - 18.8 deg at 261.6 AZ 10281' - 18.4 deg at 263.1 AZ 10376' - 18.9 deg at 262.7 AZ 10408' - 19 deg at 261.8 AZ BGG - 325u / Max Gas - 945u / No Shows and No Flare.</p>		
10/09/2003	Depth	10,617
	Progress	147
AFE: 23395	Present Operation:	Replacing Element in BOP
<p>Rotate and slide from 10470' - 10617' with 45K WOB and 50 RPM. Found several small pieces of annular preventer element going across shale shaker. Toolpusher called Burnsco in Odessa, Tx to replace element. Circulate for trip out of hole. Intermittent flare of 3 - 4'. Trip out of hole for bit and to replace element. Laydown motor and MWD. Will replace MWD. Nipple down rotatinghead and jet pits. Remove annular bowl cap and element. Began moving stored mud from frac tanks on Exxon # 3 to steel pits. Presently have pits full and technicians have BOP ready to assemble. Daily ROP - 12.7'/hr. Surveys; 10376' - 18.9 deg at 262.7 AZ 10472' - 17.9 deg at 263.4 AZ 10535' - 17.1 deg at 264.1 AZ BGG - 200u / Intermittent flare of 3 - 4' while drilling.</p>		
10/10/2003	Depth	10,825
	Progress	308
AFE: 23395	Present Operation:	Drlg
<p>Finish Nu annular Bop, Function test same. Slip & cut 130' of Drlg. Line. PU New BHA & test motor; Rig Repair - replace clutches in rotary; TIH Circ. Water to frac tank; TIH to 6000' Displace water in hole with mud Finish TIH Wash & ream 60', no fill Rotate & slide drill to 10,825', w42k WOB & 50 RPM Daily ROP - 14.3'/hr. Surveys: 10,563' - 17.06 deg @ 264.01 AZ; 10,594' - 17.02 deg. @ 261.32 AZ; 10626' - 17.05 deg @ 259.04 AZ 10,658' - 17.81 deg @ 257.55 AZ; 10,689' - 18.43 deg @ 259.36 AZ; 10,721' - 10.63 deg @ 260.56 AZ</p>		
10/11/2003	Depth	11,165
	Progress	340
AFE: 23395	Present Operation:	Drlg
<p>Rotate & Slide Drilling from 10,825' to 11,165'----24 hrs. W/ 42k WOB & 50 RPM Daily ROP - 14.4'/hr. Surveys: 10,817' - 18.69 deg. @ 261.9 AZ 10,848' - 17.85 deg. @ 262.75 AZ 10,890' - 18.07 deg. @ 262.98 AZ 10,922' - 17.89 deg. @ 259.15 AZ 11,943' - 18.19 deg. @ 260.9 AZ 10,975' - 18.79 deg. @ 260.93 AZ 11,007' - 18.67 deg. @ 259.96 AZ 11,039' - 18.88 deg. @ 260.69 AZ 11,071' -</p>		

18.41 deg. @ 260.58 AZ 11,102' - 18.17 deg. @ 261.82 AZ

10/12/2003	Depth	11,480
	Progress	315
AFE: 23395	Present Operation:	Drlg
<p>Rotate & Slide Drilling from 11,165' to 11,480'----24 hrs. W/ 42k WOB & 50 RPM Daily ROP - 13.1'/hr. Surveys: 11,134' - 18.00 deg. @ 261.44 AZ 11,166' - 17.73 deg. @ 262.39 AZ 11,198' - 17.72 deg. @ 261.94 AZ 11,230' - 17.93 deg. @ 262.00 AZ 11,261' - 18.28 deg. @ 261.82 AZ 11,293' - 17.67 deg. @ 262.87 AZ 11,325' - 17.23 deg. @ 260.41 AZ 11,357' - 17.75 deg. @ 260.34 AZ 11,389' - 17.93 deg. @ 259.71 AZ 70% LS, 30% SH; BGG - 516 units; Top of MORROW - 11,255' - 11,320"1st sand @ 11,469';</p>		
10/13/2003	Depth	11,750
	Progress	310
AFE: 23395	Present Operation:	Drlg
<p>Rotate & Slide Drilling from 11,480' to 11,750'-23.5 hrs.w/.5 hr. rig repair. W/ 42k WOB & 50 RPM Daily ROP - 13.1'/hr. Surveys: 11,421' - 17.67 deg. @ 257.43 AZ 11,453' - 17.58 deg. @ 257.60 AZ 11,484' - 17.67 deg. @ 257.43 AZ 11,516' - 18.11 deg. @ 258.13 AZ 11,548' - 18.11 deg. @ 257.43 AZ 11,580' - 18.19 deg. @ 259.36 AZ 11,612' - 18.02 deg. @ 257.95 AZ 11,644' - 18.11 deg. @ 258.13 AZ 11,675' - 18.02 deg. @ 257.75 AZ 11,707' - 17.93 deg. @ 257.78 AZ 1000% LS; BGG - 800 units; Top of MORROW - 11,255'; Drlg break from 11,624' to 11,644'; Sand BGG - 995 units, no flare; Drlg break from 11,750' to 11,764' - BGG- 1115 units, w/ 3' flare;</p>		
10/14/2003	Depth	11,880
	Progress	130
AFE: 23395	Present Operation:	Drlg
<p>Rotate & Slide Drilling from 11,750' to 11,860'. Chag. Out Rot. Head bearing and seal assembly. Circulate samples & build & pump slug; TOO H for bit change. LD / PU BHA #5, chg. Bit, new 1.83 degree motor; & fresh MWD; TIH. Wash & Ream 75' to bottom no fill. Rotate & Slide Drilling from 11,860' to 11,880'; SURVEYS: 11,739' - 17.75 deg. @ 255.84 AZ 11,770' - 17.23 deg. @ 254.96 AZ 11,802' - 17.06 deg. @ 256.12 AZ 70% LS; 30% Sandstone; BGG - 283 units; Trip gas - 2380 units with 20' flare;</p>		
10/15/2003	Depth	12,141
	Progress	261
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 11,880' to 12,141' with 42K WOB & 55 RPM. Surveys: 11,866' = 17.94 deg at 255.36 AZ, 11,960' = 17.72 deg at 256.01 AZ, 12,023' = 18.26 deg at 254.21 AZ, 12,055' = 18.88 deg at 254.47 AZ.</p>		
10/16/2003	Depth	12,337
	Progress	196
AFE: 23395	Present Operation:	Drlg
<p>Rotate & slide from 12,141' to 12,337' with 42K WOB & 55 RPM, had several hours of slow drilling in shale section. Surveys: 12,149' = 17.42 deg at 255.32 AZ, 12,244' = 17.93 deg at 255.29 AZ, 12,275' = 17.79 deg at 254.9 AZ.</p>		
10/17/2003	Depth	12,406
	Progress	69
AFE: 23395	Present Operation:	Trip Out for Logs
<p>Rotate & slide from 12,337' to 12,406' with 42K WOB & 55 RPM, FIN 6' slide when drill string became stuck, appeared to be differentially stuck, had good circulation; work stuck pipe & ordered 75 bbls of oil; spot 50 bbls of oil outside DC & left 25 bbls inside drill string, started pulling up to 360K & slacking off to 200K, string became free after oil was on spot for 30 mins; pull 20 std short trip &</p>		

trip back to btm, normal & steady drag on short trip; CIRC & tie oil into mud, had 15-20' flare for 20 mins & dropped off to 4-5'; pump weighted slug & strap out of hole for logs, loggers on location at 0430 hrs, should be out of hole around 0630 hrs. Surveys: 12,118' = 17.28 deg at 255.35 AZ, 12,212' = 17.75 deg at 254.57 AZ, 12,307' = 18.12 deg at 255.52 AZ, 12,338' = 17.61 deg at 255.57 AZ.

10/18/2003 Depth 12,406
 Progress 0
 AFE: 23395 Present Operation: TIH

TOH for logs; LD directional tools; RU Hall & run log 31 - GR, Sonic & density neutron to loggers TD of 12,406', had some drag while logging out, but no problems with stickage, ran formation test on log #2 & performed 12 test; TIH with slick assy.

10/19/2003 Depth 12,406
 Progress 0
 AFE: 23395 Present Operation: Running Casing

TIH & break circulation at 6000'; C&C mud for casing; LD DP & DCs, break out kelly & bushings; RU casing crew & run 5-1/2" casing, presently have 11,000' in hole & having no problems running casing.

10/20/2003 Depth 12,406
 Progress 0
 AFE: 23395 Present Operation: Released Rig

Ran 12,410' of 5-1/2" P110 & N80, 17# LTC casing to 12,406' & tag up on soft fill; C&C, had 20-25' flare on btms up for 30 mins; cmt first stage with 400 sx interfill "H" & 600 sx Super "H" w/good returns, bumped plug & floats held; open DV tool at 6955' & CIRC 80 sx of cmt to pits; cmt second stage with 750 sx interfill "C" & 100 sx Prem Neat, displaced with 162 bbls FW & bumped plug, closed tool with 2400# & held, had good press throughout job even after losing returns 12 bbls before bumping plug, did not circulate any cmt; ND BOP stack & set slips; cut casing & set out BOP stack; NU tubinghead & test to 5000#; clean steel pits. Released Rig at 0300 hrs.