

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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.

5. Lease Serial No.
NMLC 068037

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Mescalero 29 Federal Com 2

9. API Well No.
30-025-35972

10. Field and Pool, or Exploratory Area
Quail Ridge; Morrow

11. County or Parish, State
Lea Co. NM

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

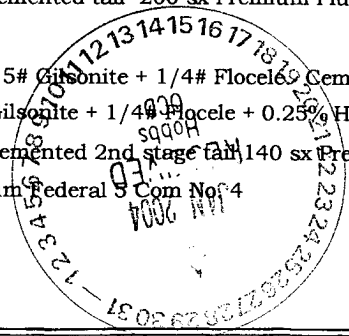
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1200' FNL & 1700' FEL
B-29-19S-34E

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Set surface, intermediate, & production casing
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Change Plans

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 recomplate 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.)

- 11-23-03 Spud a 17-1/2" hole. Ran 13-3/8" casing to 429.' Cemented with lead 340 sx Prem Plus cement + 4% Gel + 2% CaCl + 1/4#
- 11-24-03 Ran 13-3/8" casing to 429.' Cemented with lead 340 sx Prem Plus cement + 4% Gel + 2% CaCl + 1/4# Flocele per sx. Tail 150 sx Prem Plus cement + 2% CaCl. Circulated 200 sx to surface. WOC 27.25 hrs.
- 11-30-03 Ran 9-5/8" casing to 3440.' Cemented lead 1000 sx Interfill "C" + 1/4# Flocele per sx. Cemented tail 200 sx Premium Plus cement + 2% CaCl per sx. Circulated 183 sx to surface. WOC 19.5 hrs.
- 01-01-04 Ran 5-1/2" casing to 13768.' Cemented 1st stage lead 500 sx Interfill "H" + 0.3% HR-7 + 5# Gisonite + 1/4# Flocele. Cemented tail 400 sx Super "H" + 2.5# Salt + 0.4% CFR-3 + 0.5% LAP-1 + 0.25# D-AIR 3000 + 5# Gisonite + 1/4# Flocele + 0.25% HR-7. Circulated 338 sx to pit. Cemented 2nd stage lead 1400 sx Interfill "C" + 1/4# Flocele. Cemented 2nd stage tail 140 sx Premium Neat cement. TOC 9062. Released Patterson-UTI Rig #75 @ 6Am CST to go to the Magnum Federal Com No 4



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

Name (Printed/Typed)

Natalie Krueger

Signature

Natalie Krueger

Title

Production Assistant

Date

January 21, 2004

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 23, 2003 Thru January 1, 2004

OPERATED

QUAIL RIDGE

GRUY PETROLEUM MANAGEMENT CO

76805 Mescalero 29 Federal #2

LEA, NM

29-T19S-R34E, 1,200' FNL, 1,700' FEL

W.I. Pct BCP 96.71 %

W.I. Pct ACP 96.71 %

Morrow / 13,000'

11/23/2003 Depth 61
Progress 0
AFE: 22115 Present Operation: Preparing to spud

Location staked by Basin Surveys on 2/4/2002 - 1,200' FNL & 1,700' FEL of Sec. 29 T-19-S R-34-E in Lea County, New Mexico. Sweatt Construction built location, pits & road from 11/10/03 to & 11/19/03. Abbott Brothers set 20" conductor pipe at 38' FGL & cemented with 4 yds. ready mix cement - dug rat & mouse holes on 11/20/03. Akome, Inc. plastic lined & fenced reserve pit on 11/20/03 - JWS put water in reserve pit to hold down the plastic on 11/20/03. MIRU Patterson-UTI Rig # 75 on 11/21/03 & 11/22/03. Welded flow nipple onto conductor pipe - mixed spud mud - preparing to spud well.

11/24/2003 Depth 429
Progress 368
AFE: 22115 Present Operation: Welding on well head

Air out pump Drill from 61' to 93' (Spud a 17 1/2" hole at 7:00 AM (CST) 11/23/2003) Service rig & rig repair on tong sheave Drill from 93' to 188' WLS @ 136' = 1o Drill from 188' to 429' TD (Reached TD of 17 1/2" hole at 8:00 PM (CST) 11/23/2003) Pump viscous sweep & circulate Drop Totco @ 429' = 1o & POOH - LD BHR, shock sub & bit RU casing crew & ran 13 3/8" casing (See Casing Detail) RU Halliburton & circulated to clear 13 3/8" casing 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 450# at 1:27 AM (CST) 11/24/03 - circulated 200 sx cement to surface - Andy Cortez w/ the BLM witnessed job WOC & cut off 20" conductor pipe - jet & clean steel pits Cut off 13 3/8" casing & welding on a 13 3/8" SO X 13 5/8" 3,000# Braden Head

11/25/2003 Depth 810
Progress 381
AFE: 22115 Present Operation: Drilling

Welded on a 13 3/8" SO X 13 5/8" 3,000# Braden Head - tested head to 500# - OK NU BOP & choke manifold Test Bop stack and all other related Equipment to 1000 psi PU & MU Motor, Bit and BHA TIH w/ Bit #2 Tag and drill float collar and 1/2 of shoe jt. Test csg to 1100 psi. Drill remainder of shoe jt Drill from 429' to 742' (88 RPM Motor - 40 RPM Rotary w/ 10k to 20k Bit Wt) WLS at 662' = 1/4* Drill from 742' to 810' (88 RPM Motor - 40 RPM Rotary w/ 10k to 20k Bit Wt)

11/26/2003 Depth 1,789
Progress 979
AFE: 22115 Present Operation: DRILLING

Rig Service Drill from 810' to 963' (88 RPM Motor - 40 RPM Rotary w/ 10k to 20k Bit Wt) WLS at 883' - 1/4* Drill from 963' to 1343' (80 RPM Motor - 40 RPM Rotary w/ 25k to 32k Bit Wt) WLS at 1263' - 3/4* Drill from 1343' to 1657' (80 RPM Motor - 40 RPM Rotary w/ 25k to 32k Bit Wt) WLS at 1577' - 1/2* Drill from 1657' to 1789' (80 RPM Motor - 40 RPM Rotary w/ 25k to 32k Bit Wt)

11/27/2003 Depth 2,520
1/21/04 Mescalero 29 Federal #2

AFE: 22115 Progress 731
Present Operation: Drlg

Drill from 1789' to 2037' (80 RPM Motor - 40 RPM Rotary w/ 25k to 32k Bit Wt) Service Rig Drill from 2037' to 2163' (80 RPM Motor - 40 RPM Rotary w/ 25k to 32k Bit Wt) WLS @ 2075' = 1.0* Drill from 2163' to 2450' (88 RPM Motor - 40 RPM Rotary w/ 18k to 20k Bit Wt) WLS @ 2370' = 3 1/2* Drill from 2450' to 2520' (88 RPM Motor - 40 RPM Rotary w/ 8k to 12k Bit Wt)

11/28/2003 Depth 2,900
Progress 380
AFE: 22115 Present Operation: Drlg

Drill from 2520' to 2547' (88 RPM Motor - 40 RPM Rotary w/ 8k to 12k Bit Wt) Service Rig & WLS @ 2465' = 6.0* TOH. LD PDC Bit & Stabilized Moto. PU Bit #3 & Slick Motor. Move Reamer & Stabilizer up 30' TIH. Wash 50' to Bottom Drill from 2547' to 2640' (88 RPM Motor - 40 RPM Rotary w/ 8k to 10k Bit Wt) WLS @ 2560' = 1 1/4* Drill from 2640' to 2736' (88 RPM Motor - 40 RPM Rotary w/ 15k to 20k Bit Wt) WLS @ 2656' = 4.0* (Change out clock in tool) Drill from 2736' to 2767' (88 RPM Motor - 40 RPM Rotary w/ 15k to 20k Bit Wt) WLS @ 2687' = 1 1/2* Drill from 2767' to 2862' (88 RPM Motor - 40 RPM Rotary w /20k to 25k Bit Wt) WLS @ 2782' = 1.0* Drill from 2862' to 2900' (88 RPM Motor - 40 RPM Rotary w / 30k to 35k Bit Wt)

11/29/2003 Depth 3,422
Progress 522
AFE: 22115 Present Operation: Drlg

Drill from 2900' to 3170' (88 RPM Motor - 40 RPM Rotary w / 30k to 35k Bit Wt) WLS at 3090' = 1.0* Service Rig Drill from 3170' to 3273' (88 RPM Motor - 40 RPM Rotary w / 30k to 35k Bit Wt) WLS at 3193' = .75* Drill from 3273' to 3422' (88 RPM Motor - 40 RPM Rotary w / 30k to 45k Bit Wt)

11/30/2003 Depth 3,440
Progress 18
AFE: 22115 Present Operation: Testing BOP Stack

Drill from 3422' to 3,440' TD (88 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) (Reached TD of 12 1/4" hole at 7:30 AM CDT 11/29/03) ran Davis Fluid Caliper - Will take 2,698 ft.3 of cement to circulate to surface with 9 5/8" casing set at 3,440' Drop Totco and circ 100 bbl vis sweep POOH LD DC's, IBS, BHR, motor & Bit #3 RU Lay down machine. LD 8" DC'S, tools and Bit RU casing crew & ran 9 5/8" casing (See Casing Detail) - RD casing crew & lay down machine RU Halliburton - washed 83' of fill from 3,357' to 3,440' TD & circulated to clear casing Hall. cemented 9 5/8" csg. (Lead) 1000 sx Interfill "C" + 1/4# Flocele per sx, followed by (Tail) 200 sx Premium Plus Cement + 2% CaCl per sx - plug down & bumped with 1,460# at 9:15 PM (CDT) 11/29/03 - circulated 183 sx cement to surface - BLM was notified & witnessed by Larry Denny. ND & PU BOP - set 9 5/8" casing slips in 125,000# - cut off 9 5/8" casing - install a 13 5/8" 3,000# X 11" 5,000# "B" Section well head spool & test to 2,000# - OK - NU BOP & choke manifold

12/01/2003 Depth 3,786
Progress 346
AFE: 22115 Present Operation: Drlg

Test BOP, choke manifold and associated equipment w/ Mann Welding Service to 5,000#. Test witnessed by Larry Denny (BLM) Install wear bushing. PU & TIH w/ Bit #4, motor, teledrift, BHR, IBS & DC'S Test Motor Rig Service Finish TIH Test csg to 2200 psi Drill float, shoe jt & 10' of new formation Test csg seat to 10.5 (EMW) w/ 394 psi Drill to 3727'. (163 motor rpm - 40 rotary rpm. 30k to 35k weight) Teledrift survey at 3643' = 1 1/2* Drill to 3786'. (163 motor rpm - 40 rotary rpm. 30k to 35k weight)

12/02/2003 Depth 4,480
Progress 694
AFE: 22115 Present Operation: Drlg

Drill from 3,786' to 3,917' (163 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) Service rig

1/21/04 MESCALERO 29 FEDERAL #2

Teledrift @ 3,833' = 1o Drill from 3,917' to 4,232' (163 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) Teledrift @ 4,150' = 1o Drill from 4,232' to 4,480' (162 RPM motor - 40 RPM rotary - 40K bit wt.)

12/03/2003
Depth 5,260
Progress 780
AFE: 22115 Present Operation: Drlg

Drill from 4,480' to 4,611' (162 RPM motor - 40 RPM rotary - 20K to 40K bit wt.) Teledrift @ 4,529' = 1o Service rig Drill from 4,611' to 5,023' (162 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) Teledrift @ 4,941' = 1o Drill from 5,023' to 5,260' (162 RPM motor - 40 RPM rotary - 35K to 40K bit wt.)

12/04/2003
Depth 5,923
Progress 663
AFE: 22115 Present Operation: Drlg

Drill from 5,260' to 5,403' (162 RPM motor - 40 RPM rotary - 40K bit wt.) Teledrift @ 5,321' = 1 1/2o Service rig Drill from 5,403' to 5,582' (162 RPM motor - 40 RPM rotary - 40K bit wt.) Pump through choke manifold & test mud / gas separator Drill from 5,582' to 5,815' (162 RPM motor - 40 RPM rotary - 40K bit wt.) Teledrift @ 5,733' = 1o Drill from 5,815' to 5,923' (162 RPM motor - 40 RPM rotary - 40K bit wt.)

12/05/2003
Depth 6,759
Progress 836
AFE: 22115 Present Operation: Drlg

Drill from 5,923' to 6,196' (162 RPM motor - 40 RPM rotary - 20K to 45K bit wt.) Service rig Teledrift @ 6,114' = 1/2o Drill from 6,196' to 6,512' (162 RPM motor - 40 RPM rotary - 45K bit wt.) Teledrift @ 6,430' = 1o Drill from 6,512' to 6,759' (162 RPM motor - 40 RPM rotary - 45K bit wt.)

12/06/2003
Depth 7,575
Progress 816
AFE: 22115 Present Operation: Drlg

Drill from 6,759' to 6,892' (162 RPM motor - 40 RPM rotary - 30K to 45K bit wt.) Service rig Teledrift @ 6,810' = 1/4o Drill from 6,892' to 7,272' (160 RPM motor - 40 RPM rotary - 30K to 45K bit wt.) Teledrift @ 7,190' = 1/4o Drill from 7,272' to 7,575' (160 RPM motor - 40 RPM rotary - 30K to 45K bit wt.)

12/07/2003
Depth 7,935
Progress 360
AFE: 22115 Present Operation: W&R to Btm

Drill from 7,575' to 7,652' (160 RPM motor - 40 RPM rotary - 15K to 45K bit wt.) Service rig Teledrift @ 7,610' = no reading - WLS @ 7,570' = 3/4o Drill from 7,652' to 7,935' (160 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) Drop Totco @ 7,852' = 3/4o & trip out (SLM) - checked IBS & BHR for gauge - LD BHR, Bad Teledrift Sub, motor & Bit # 4 8 3/4" Smith F47HYPS serial # MP-1171 3-14's in @ 3,440' out @ 7,935' cut 4,495' in 138.75 Hrs. condition = T4 B4 1/8" out of gauge - SLM = 7,936.08' - no correction PU & TIH with Bit # 5, new motor, new Teledrift Sub, new BHR - TIH with DC's - test motor - OK TIH with DP to bottom of 9 5/8" casing at 3,440' Cut drilling line Continue TIH with DP to 7,822' Washing & reaming 113' from 7,822' to 7,935'

12/08/2003
Depth 8,625
Progress 690
AFE: 22115 Present Operation: Drlg

Wash & ream 113' from 7,822' to 7,935' Teledrift @ 7,894' = 1o Service rig Drill from 7,935' to 8,411' (149 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) Teledrift @ 8,369' = 1o Drill from 8,411' to 8,625' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.)

12/09/2003 Depth 9,076
Progress 451
AFE: 22115 Present Operation: TIH with Bit #6

Drill from 8,625' to 8,854' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) Service rig Teledrift @ 8,813' = 1o Drill from 8,854' to 9,076' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) - pump pressure spiked & rotary table stalled out - worked with bit 4 times with various weights - no success Drop Totco @ 9,026' = 1 1/2o - trip out for bit - checked IBS & BHR for gauge - OK - checked motor - OK - changed out bit - Smith Bit # 5 had all the outer teeth on all three cones worn down - gauge protection on the shanks was causing the bit to torque TIH with Bit # 6 (8 3/4" Security XS43S serial # 10522255 3-20's in @ 9,076'), same motor, BHA, DC's & 4 1/2" DP - having to run 4 1/2" DP with power tongs due to the cathead being out of service - cathead was completely rebuilt in Patterson's Midland Yard 18 days ago & inferior "new" parts were used BGG = 36 units - conn. gas = 0 units - max. gas = 142 units - Lag = 64 mins. - no shows

12/10/2003 Depth 9,424
Progress 348
AFE: 22115 Present Operation: Drlg

Trip in hole with Bit # 6 to 8,995' Wash & Ream 81' from 8,995' to 9,076' Drill from 9,076' to 9,139' (149 RPM motor - 40 RPM rotary - 27K to 30K bit wt.) Service rig Drill from 9,139' to 9,352' (149 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) Rig repair on cathead & rotary clutch Drill from 9,352' to 9,360' (149 RPM motor - 40 RPM rotary - 30K to 35 Kbit wt.) Teledrift @ 9,318' = 1 1/2o Drill from 9,360' to 9,424' (149 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) BGG = 3 units - trip gas = 85 units - max. gas = 54 units - Lag = 60 mins. - no shows

12/11/2003 Depth 9,896
Progress 472
AFE: 22115 Present Operation: Drlg

Drill from 9,424' to 9,488' (149 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) Service rig Drill from 9,488' to 9,614' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) Teledrift @ 9,572' = 1 1/2o Drill from 9,614' to 9,896' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.)

12/12/2003 Depth 9,975
Progress 79
AFE: 22115 Present Operation: Drlg

Drill from 9,896' to 9,930' (149 RPM motor - 40 RPM rotary - 35K to 40K bit wt.) Teledrift @ 9,888' = 1o Service rig Drill from 9,930' to 9,959' (149 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) - pressure spiked - bit torqued up & drilling rate slowed down Drop Totco @ 9,880' = 1o - trip out for bit - checked IBS & BHR for gauge - OK - LD motor & Bit # 6 8 3/4" Security XS43S 3-20's serial # 10522255 in @ 9,076' out @ 9,959' cut 883' in 44.25 hrs. condition T8 B8 3/4" out of gauge - lost 2 cone nose points & the 3rd nose point was almost gone - LD BHR, Teledrift Sub & IBS PU rerun Bit # 7, junk basket & bit sub - TIH on DC's & DP to 9,845' Ream & wash 114' from 9,845' to 9,959' - work junk basket - no junk indicated Drill with junk basket from 9,959' to 9,975' BGG = 1 unit - trip gas = 0 units - max. gas = 10 units - Lag = 74 mins. - no shows

12/13/2003 Depth 10,131
Progress 156
AFE: 22115 Present Operation: Drlg

Drill with junk basket from 9,975' to 9,990' Service rig Work junk basket & POOH - LD Bit # 7, bit sub & junk basket - small slivers of metal in junk basket - no nose points from bit - probably were worn completely by last bit - Bit # 7 was in gauge & no evidence of being on metal (Bit # 7 Rerun HTC HR-S44C 3-15's serial # 5037718 in @ 9,959' out at 9,990' cut 31' in 4 hrs. condition = T3 B4 in gauge - bit used to ream & drill on suspected junk) TIH with Bit # 8, new motor, Teledrift Sub, BHR & IBS on DC's - test motor - OK Cut drilling line Continue TIH with 4 1/2" DP to 9,912' Ream & wash 78' from 9,912' to 9,990' Drill from 9,990' to 10,131' (149 RPM motor - 40 RPM rotary - 30K to 35K bit wt.) BGG = 5 units - trip gas = 26 units - max. gas = 13 units - Lag = 76 mins. - no shows

12/14/2003 Depth 10,615
1/21/04 MESCALERO 29 FEDERAL #2

		Progress	484
AFE:	22115	Present Operation:	Drlg
		Drill from 10,131' to 10,246' (149 RPM motor - 40 RPM rotary - 35K to 45K bit wt.) Service rig - change out pump pressure gauge Drill from 10,246' to 10,309' (149 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) Teledrift @ 10,267' = Not Working Properly - WLS @ 10,228' = 1/4o Drill from 10,309' to 10,615' (149 RPM motor - 40 RPM rotary - 40K to 45K bit wt.)	
12/15/2003		Depth	10,990
		Progress	375
AFE:	22115	Present Operation:	Drlg
		Drill from 10,615' to 10,721' (149 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) Service rig Drill from 10,721' to 10,784' (149 RPM motor - 40 RPM rotary - 45K bit wt.) WLS @ 10,702' = 1o Drill from 10,784' to 10,990' (149 RPM motor - 40 RPM rotary - 42K to 45K bit wt.)	
12/16/2003		Depth	11,380
		Progress	390
AFE:	22115	Present Operation:	TOH with Bit #9
		Drill from 10,990' to 11,102' (149 RPM motor - 40 RPM rotary - 42K to 45K bit wt.) Service rig Drill from 11,102' to 11,260' (149 RPM motor - 40 RPM rotary - 42K to 45K bit wt.) WLS @ 11,178' = 3/4o Drill from 11,260' to 11,380' (149 RPM motor - 40 RPM rotary - 45K bit wt.) - drilling rate slowed down Drop Totco @ 11,304' = 1 1/2o & trip out for bit - checked IBS & BHR for gauge - both out of gauge - LD IBS, BHR, bad Teledrift Sub, motor & Bit # 8	
12/17/2003		Depth	11,583
		Progress	203
AFE:	22115	Present Operation:	Drlg
		PU Bit # 9, new motor, new Teledrift Sub, new BHR & new IBS - TIH on DC's - test motor - OK TIH with 4 1/2" DP to 11,275' Ream & wash from 11,275' to 11,380' Service rig & test Teledrift @ 11,346' = 1o - OK Drill from 11,380' to 11,583' (149 RPM motor - 40 RPM rotary - 38K to 45K bit wt.)	
12/18/2003		Depth	11,876
		Progress	293
AFE:	22115	Present Operation:	Drlg
		Drill from 11,583' to 11,639' (149 RPM motor - 40 RPM rotary - 45K bit wt.) Service rig Drill from 11,639' to 11,796' (149 RPM motor - 40 RPM rotary - 45K bit wt.) Teledrift survey at 11,754' - 1.0 deg Drill from 11,796' to 11,876' (149 RPM motor - 40 RPM rotary - 45K bit wt.)	
12/19/2003		Depth	12,105
		Progress	0
AFE:	22115	Present Operation:	Tripping for bit
		Drill from 11,876' to 11,954' (149 RPM motor - 40 RPM rotary - 45K bit wt.) Service Rig Drill from 11,954' to 12,105' (149 RPM motor - 40 RPM rotary - 45K bit wt.) Bit Died Drop Totco TOH for Bit change	
12/20/2003		Depth	12,265
		Progress	160
AFE:	22115	Present Operation:	Drlg
		Finish TOH. Change out Motor and Bit. TIH w/ BHA. Test motor. Slip and Cut Drlg Line Finish TIH Wash and Ream from 12,030' to 12,105' Drill from 12,105' to 12,265' (122 RPM motor - 40 RPM rotary - 33k bit wt.)	
12/21/2003		Depth	12,482
		Progress	217
1/21/04			

AFE: 22115 Present Operation: Drlg

Drill from 12,265' to 12,333' (122 RPM motor - 40 RPM rotary - 33k bit wt.) Service rig Drill from 12,333' to 12,460' (122 RPM motor - 40 RPM rotary - 33k bit wt.) Teledrift Survey At 12,418' = 1.0 deg Drill from 12,460' to 12,482' (122 RPM motor - 40 RPM rotary - 33k bit wt.)

12/22/2003 Depth 12,645
Progress 163

AFE: 22115 Present Operation: Drlg

Drill from 12,482' to 12,491' (122 RPM motor - 40 RPM rotary - 33k bit wt.) Service Rig Drill from 12,491' to 12,645' (135 RPM motor - 40 RPM rotary - 40k bit wt.)

12/23/2003 Depth 12,736
Progress 91

AFE: 22115 Present Operation: Drlg

Drill from 12,645' to 12,649' (135 RPM motor - 40 RPM rotary - 40k bit wt.) TOH. Change out Bit and Motor. TIH w/ DC's. Test Motor. Finish TIH Ream 81' from 12,568' to 12,649' Drill from 12,649' to 12,736' (135 RPM motor - 40 RPM rotary - 40k bit wt.)

12/24/2003 Depth 12,981
Progress 245

AFE: 22115 Present Operation: Drlg

Drill from 12,736' to 12,809' (135 RPM motor - 40 RPM rotary - 40k bit wt.) Service Rig Drill from 12,809' to 12,873' (135 RPM motor - 40 RPM rotary - 40k bit wt.) Teledrift Survey @ 12,831' = 1 1/2 deg Drill from 12,873' to 12,981' (135 RPM motor - 40 RPM rotary - 40k bit wt.)

12/25/2003 Depth 13,200
Progress 219

AFE: 22115 Present Operation: Drlg

Drill from 12,981' to 12,999' (135 RPM motor - 30 RPM rotary - 35k bit wt.) Rig Service Drill from 12,999' to 13,190 (135 RPM motor - 30 RPM rotary - 35k bit wt.) Teledrift survey at 13,146' = 1.0 deg Drill from 13,190' to 13,200' (135 RPM motor - 30 RPM rotary - 35k bit wt.)

12/26/2003 Depth 13,346
Progress 146

AFE: 22115 Present Operation: Drlg

Drill from 13,200' to 13,231' (135 RPM motor - 30 RPM rotary - 35k bit wt.) From Drilling Break at 13,229' to 13,231' well flowing w/ pump down at rate of 1 gpm Circulated up Samples while bringing mud wt up from 9.5# to 9.8# Drill from 13,231' to 13,284' (135 RPM motor - 30 RPM rotary - 35k bit wt.) Service Rig Drill from 13,284' to 13,346' (135 RPM motor - 30 RPM rotary - 35k bit wt.)

12/27/2003 Depth 13,427
Progress 126

AFE: 22115 Present Operation: Tripping out for bit

Drill from 13,346' to 13,379' (136 RPM motor - 40 RPM rotary - 35K to 45K bit wt.) Service rig Drill from 13,379' to 13,472' (136 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) Slug DP, Drop Totco @ 13,472' & trip out for bit

12/28/2003
Maintenance

AFE: 22115 Present Operation: Drilling

Tripped out for bit - checked IBS & BHR for gauge - OK - motor would not drain - bad motor ?? - LD Teledrift Sub, motor & Bit # 11 8 3/4" HTC HR-S44C 3-20's serial # 5042351 in @12,649' out @

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13,472' cut 823' in 95.5 hrs. condition = T3 B4 1/16" out of gauge Install new drilling line
Service rig PU Bit # 12 & new motor - TIH with BHA & DC's - test motor - OK TIH with DP to 13,350'
Ream & wash 122' from 13,350' to 13,472' Drill from 13,472' to 13,607' (136 RPM motor - 40 RPM
rotary - 35K to 38K bit wt.)

12/29/2003
Maintenance

AFE: 22115

Present Operation: TOO H for logs

Drill from 13,607' to 13,617' (136 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) Service rig Drill
from 13,617' to 13,770' TD (136 RPM motor - 40 RPM rotary - 40K to 45K bit wt.) - reached TD of 8
3/4" hole at 10:00 PM 12/28/2003 Circulate for open hole logs Slug DP, drop Totco @ 13,770' & trip out
to run open hole logs - chained out 1st 20 stands DP

12/30/2003

Depth 13,770

Progress 0

AFE: 22115

Present Operation: TIH with bit

Trip out to run open hole logs - LD IBS, BHR, motor & Bit # 12 - pulled wear bushing Service rig RU
Halliburton & ran open hole logs - Logger's TD = 13,768' - Ran Spectral Density Dual Spaced Neutron
Log, Dual Laterolog Micro Guard Log & Full Wave Sonic Monitor Log - Ran Sequential Formation
Tester - RD Halliburton TIH with 8 3/4" Rerun Bit # 11 (no jets), bit sub, DC's & DP

12/31/2003

Depth 13,770

Progress 0

AFE: 22115

Present Operation: Running 5 1/2" casing

TIH with 8 3/4" Rerun Bit # 11 (no jets), bit sub, DC's & DP to 4,500'. Break circulation at 4,500'.
Continue TIH with 4 1/2" DP to 9,000'. Break circulation at 9,000'. Continue TIH with 4 1/2" DP to
13,770' - no fill - no problems. Circulate bottoms up at 13,770' - 4' to 6' gas flare. RU laydown
machine, slug DP & POOH LD 4 1/2" DP. Break kelly, pull rotating head rubber & drive bushings -
POOH LD 30 - 6 1/8" & 6 - 6 3/4" DC's RU Bull Rogers Casing Crew - Running 5 1/2" casing.

01/01/2004

Depth 12,770

Progress 0

AFE: 22115

Present Operation: Released Rig

Ran 5 1/2" casing (See Casing Detail) - RD casing crew & laydown machine RU Halliburton - circulate
to clear casing & bottoms up - service rig Hall. Cmt. 1st stage (Lead) 500 sx Interfill "H" + 0.3% HR-7 + 5#
Gilsonite + 1/4# Flocele, followed by (Tail) 400 sx Super "H" + 2.5# Salt + 0.4% CFR-3 + 0.5% LAP-1 + .25# D-
AIR 3000 + 5# Gilsonite 1/4# Flocele & 0.25% HR-7 - plug down & bumped with 1,870# at 4:00 PM (CST)
12/31/03 - floats held OK Dropped bomb & opened DV Tool with 770# at 4:37 PM (CST) 12/31/03 - circulated
through DV Tool - circulated 338 sx cement to pit from 1st stage Halliburton cemented 2nd stage (Lead) 1400 sx
Interfill "C" + 1/4# Flocele, (Tail) 140 sx Premium Neat Cement - plug down & closed DV Tool with 3,470# at
11:50 PM (CST) 12/31/03 - held OK - circulated 103 sx cement to pit - BLM was notified, but did not witness job -
RD Halliburton ND & PU BOP - set 5 1/2" casing slips in 175,000# - cut off 5 1/2" casing - LD BOP -
installed a 11" 5,000# X 7 1/16" 5,000# tubing head & tested head to 5,000# - OK - jetted & cleaned
steel pits - Released Patterson-UTI Rig # 75 @ 6:00 AM (CST) 1/1/04 to go to the Magnum Federal "5"
Com # 4 - RD rig

01/20/2004

Completion

AFE: 22115

Present Operation:

Set Anchors, dress location, Plumb up surface, Int., MI matting board, Frac tank, reverse unit. RU
rig, install BOP, Tih with (4) 3.5" DC's/ 4.75" bit, tag TOC @ 9062, Drill out DV tool. RIH to 9102',
circulate clean, PU to 9032', SDFD.

1/21/04

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