

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

2005 DEC 27 PM 3 11

RECEIVED

1. Type of Well
Gas

2. Name of Operator
Turner Production Company

3. Address & Phone No. of Operator
4925 Greenville Ave., Suite 852, Dallas, TX 75206 (214) 361-7010

Location of Well, Footage, Sec., T, R, M

790' FNL and 1850' FWL, Sec. 26, T-26-N, R-7-W,

070 5. ARRIBA COUNTY, NM
Lease Number
NM-0111A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Quantius #4

9. API Well No.
30-039-08117

10. Field and Pool
So. Blanco Pictured Cliffs

11. County & State
Rio Arriba County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Turner Production plans to plug and abandon this well per the attached procedure.

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

Signed Fred E. Turner Title President

Date 12/20/05

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date JAN 05 2006

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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.

NMOCD

PLUG AND ABANDONMENT PROCEDURE

December 15, 2005

Quantius #4

South Blanco Pictured Cliffs

790' FNL, 1850' FWL, Section 26, T26N, R7W, Rio Arriba County, New Mexico

API 30-039-08117 / Lat: _____ / Long: _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield,

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and Turner Production safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. TOH and tally 92 joints 1.990" J-55 tubing, total 3018'. If tubing is EUE, then use as the workstring. If tubing is NU or IJ, then LD and use a 2.357" workstring. Round-trip 4.5" casing scraper or gauge ring to 2951'.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2951' – 2185')**: TIH and set 4.5" CR at 2951'. Pressure test tubing to 500#. Load casing with water and circulate well clean. Pressure test casing to 500#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 60 sxs Type III cement and spot a balanced plug inside the casing above the CR to isolate the Pictured Cliffs perforations and to cover the Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
5. **Plug #2 (Nacimiento top, ^{1226'}745' – ^{1126'}645')**: Perforate 3 squeeze holes at ^{1226'}745'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4.5" cement retainer at ^{1226'}665'. Establish rate into squeeze holes. Mix and pump 46 sxs Type III cement, squeeze 35 sxs outside the casing and leave 11 sxs inside casing. TOH and LD tubing.
6. **Plug #3 (8.625" Surface casing shoe, 218' - Surface)**: Perforate 3 squeeze holes at 218'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 70 sxs cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Quantius #4 Current

South Blanco Pictured Cliffs

790' FNL & 1850' FWL, Section 26, T-26-N, R-7-W, Rio Arriba County, NM

Lat: _____ / Long: _____ / API 30-039-08117

Today's Date: 12/15/05
Spud: 11/30/66
Comp: 12/16/66
Elevation: 6890' GL
6900' KB

12.25" Hole

8.625" 24#, J-55 Casing set @ 168'
Cement with 150 sxs, circulated to surface

Well History

Aug '04: Bradenhead test; no leak.

Nacimiento @ 665'

1.990" Tubing set at 3018'
(92 joints, J-55 tubing)

TOC @ 2205' (Calc, 75%)

Ojo Alamo @ 2235'

Kirtland @ 2450'

Fruitland @ 2710'

Pictured Cliffs @ 2975'

Pictured Cliffs Perforations:
3001' - 3005'

7.875" Hole

4.5" 9.50#, J-55 Casing @ 3213'
Cement with 230 sxs (306 cf)

4010' TD
PBSD 3213'

Quantius #4

Proposed P&A

South Blanco Pictured Cliffs

790' FNL & 1850' FWL, Section 26, T-26-N, R-7-W, Rio Arriba County, NM

Lat: _____ / Long: _____ / API 30-039-08117

Today's Date: 12/15/05

Spud: 11/30/66

Comp: 12/16/66

Elevation: 6890' GL

6900' KB

Nacimiento @ 665'

Ojo Alamo @ 2235'

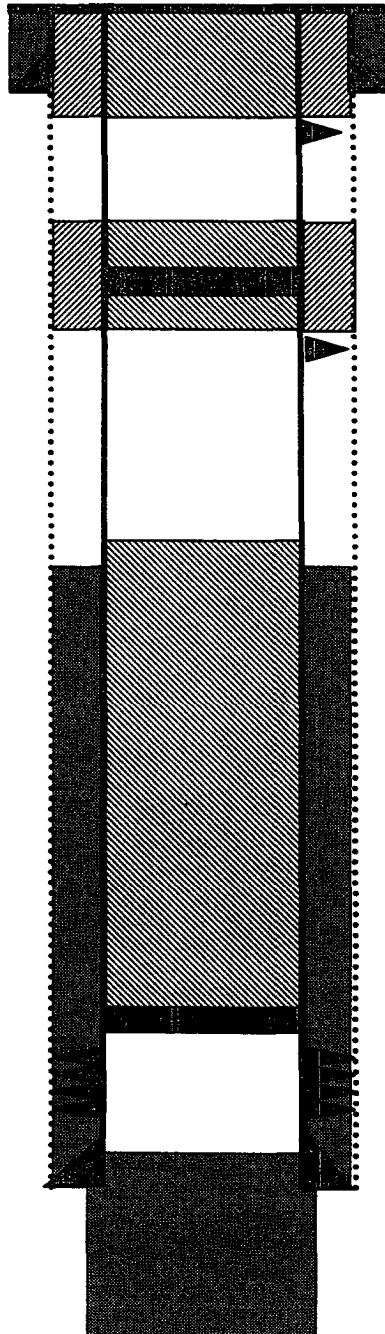
Kirtland @ 2450'

Fruitland @ 2710'

Pictured Cliffs @ 2975'

12.25" Hole

7.875" Hole



8.625" 24#, J-55 Casing set @ 168'
Cement with 150 sxs, circulated to surface

Perforate @ 218'

Plug #3: 218' - 0'
Type III cement, 70 sxs

Cement Ret @ 665'

Perforate @ 715'

Plug #2: 715' - 615'
Type III cement, 46 sxs:
35 outside and 11 inside.

TOC @ 2205' (Calc, 75%)

Plug #1: 2951' - 2185'
Type III cement, 60 sxs

Set CR at 2951'

Pictured Cliffs Perforations:
3001' - 3005'

4.5" 9.50#, J-55 Casing @ 3213'
Cement with 230 sxs (306 cf)

4010' TD
PBSD 3213'



TURNER PRODUCTION COMPANY

ONE ENERGY SQUARE - SUITE 852
4925 GREENVILLE AVENUE
DALLAS, TEXAS 75206-4079
(214) 361-7010
FAX # (214) 363-7750

December 23, 2005

Mr. Stephen Mason, P.E.
U. S. Dept. of the Interior
Bureau of Land Management
1235 LaPlata Highway-Suite A
Farmington, NM 87401

RE: Sundry Notice - Quantius #4, Pictured Cliffs well
790' FNL & 1850' FWL, Sec. 26, T26N, R7W, Rio Ar-
riba Co., NM

Dear Mr. Mason:

We have received your letter of December 2, 2005 and enclosed is our Sundry Notice with attachments and copies for our intent to permanently plug and abandon this well named above.

Our phone number and fax number is shown above.

Very truly yours,

Fred E. Turner

Enclosures

