

RECEIVED

submitted in lieu of Form 3160-5

JUL 13 2010

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

~~Sundry Notices and Reports on Wells~~
~~Form 3160-5~~

1. Type of Well
Gas

2. Name of Operator
Parker & Parker Oil & Gas

3. Address & Phone No. of Operator
903 W. Apache, Farmington, NM 87401

4. Location of Well, Footage, Sec., T, R, M
990' FNL & 990' FWL, Section 31, T-23-N, R-6-W,

5. Lease Number
NM-58871

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Quinella #1

9. API Well No.
30-043-20077

10. Field and Pool
Lybrook Gallup

11. County & State
Sandoval 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

Parker & Parker proposes to plug and abandon this well per the attached procedure.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD JUL 20 '10

OIL CONS. DIV.

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

DIST. 3

Signed Floyd Parker Title President Date 7/09/10
Floyd Parker

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date JUL 15 2010

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

Quinella #1 **Proposed P&A** **Lybrook Gallup**

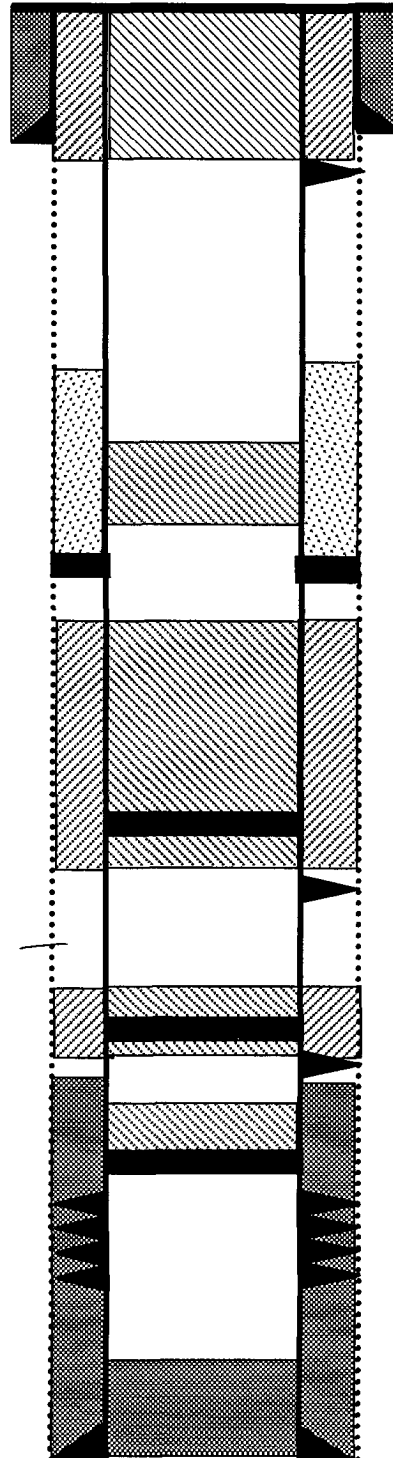
990' FNL, 990' FWL, Section 31, T-23-N, R-6-W, Sandoval County, NM

Today's Date: 7/09/10

Lat: _____ N / Long: _____ W API #30-043-20077

Spud: 9/17/71
 Re-Entry: 11/13/84
 Completion: 2/24/85
 Elevation: 7293' GL
 7306' KB

12.25" hole



8.625", 23#, X-42 Casing set @ 256'
 Cement with 170 sxs, circulate to surface

Perforate @ 306'

Plug #5: 306' - 0'
 Class B cement, 100 sxs

TOC @ 1002' (Calc, 75%)

Plug #4: 1570' - 1470'
 Class B cement, 12 sxs

Ojo Alamo @ 1520'

When the well was P&A in 1974 the casing was cut at 1542' and pulled. Upon re-entry casing with Homco Casing Bowl was run to 1529' and cement with 50 sxs (59 cf). Squeezed leak in casing patch with 80 sxs cement. No circulation. (1985)

Kirtland @ 1740' *est

Plug #3: 2193' - 1690'
 Class B cement, 160 sxs
 42 inside and 118 outside

Fruitland @ 1998' *est

Set CR @ 2143'

Pictured Cliffs @ 2143'

Perforate @ 2193'

Mesaverde @ 3723'

Set CR @ 3723'

Perforate @ 3773'

Plug #2: 3773' - 3673'
 Class B cement, 36 sxs:
 12 inside and 24 outside

Gallup @ 5492'

Set CR @ 5250'

Plug #1: 5250' - 5150'
 Class B cement, 12 sxs

Re-entered Well. Well was originally plugged in 1974.

6.75" Hole

Gallup Perforations:
 5300' - 5495'
 Original perfs (5584' - 5680') were plugged in 1974.

4.5" 10.5# K-55 casing set @ 5815'
 1st Stage: Cmt with 200 sxs (236 cf)

TD 6698'
 PBTD 5501'

Quinella #1

Current

Lybrook Gallup

990' FNL, 990' FWL, Section 31, T-23-N, R-6-W, Sandoval County, NM

Today's Date: 7/09/10

Lat: _____ N / Long: _____ W API #30-043-20077

Spud: 9/17/71

Re-Entry: 11/13/84

Completion: 2/24/85

Elevation: 7293' GL
7306' KB

12.25" hole

8.625", 23#, X-42 Casing set @ 256'
Cement with 170 sxs, circulate to surface

TOC @ 1209' (Calc, 75%)

Ojo Alamo @ 1520'

When the well was P&A in 1974 the casing was cut at 1542' and pulled. Upon re-entry casing with Homco Casing Bowl was run to 1529' and cement with 50 sxs (59 cf). Squeezed leak in casing patch with 80 sxs cement. No circulation. (1985)

Kirtland @ 1740' *est

Fruitland @ 1998' *est

2.375" tubing at 5242' with SN
(No other information)

Pictured Cliffs @ 2143'

Mesaverde @ 3723'

TOC @ 4533' (Calc, 75%)

Gallup @ 5492'

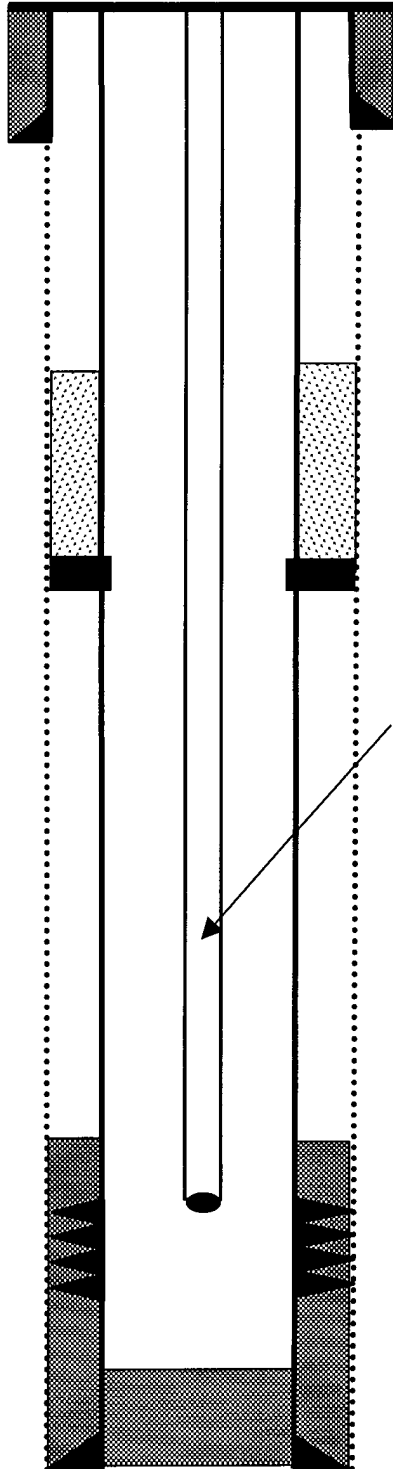
Gallup Perforations:
5300' - 5495'
Original perms (5584' - 5680') were plugged in 1974.

Re-entered Well. Well was originally plugged in 1974.

6.75" Hole

4.5" 10.5# K-55 casing set @ 5815'
1st Stage: Cmt with 200 sxs (236 cf)

TD 6698'
PBSD 5501'



PLUG AND ABANDONMENT PROCEDURE

July 9, 2010

Quinella #1

Lybrook Gallup

990' FNL & 990' FWL, Section 31, T23N, R6W, Sandoval County, New Mexico

API 30-043-20077/ Lat: _____ N Long: _____ W

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 Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes _____, No X, Unknown _____;
Tubing: Yes X, No _____, Unknown _____, Size 2.375", Length 5242';
Packer: Yes _____, No X, Unknown _____, Type _____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

NOTE: BLM requires a CBL log to be run on all wells where the cement did not circulate to surface or where a T.S. or CBL log was not previously run. This procedure is prepared with the understanding that it may be modified based on the TOC from the CBL.

4. **Plug #1 (Gallup perforations and top, 5250' – 5150')**: RIH and set 4.5" CR at 5250'. Circulate well clean. Circulate well clean. Pressure test tubing to 800 PSI. *Pressure test casing to 500 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate.* Spot 12 sxs Class B cement above CR to isolate the Gallup interval. TOH.
5. **Plug #2 (Mesaverde top, ²⁹⁸⁴3773' - ²⁸⁸⁴3673')**: Perforate 3 HSC squeeze holes at ²⁹⁸⁴3773'. If the casing tested, then attempt to establish rate into the squeeze holes. Set 4.5" cement retainer at ²⁹⁸⁴3723'. Establish rate below CR. Mix and pump 36 sxs Class B cement, squeeze 24 sxs outside the casing and leave 12 sxs inside the casing to cover the Mesaverde top. TOH.
6. **Plug #3 (Pictured Cliffs, Fruitland and Kirtland tops, 2193' – ¹⁶⁶⁰1690')**: Perforate 3 HSC squeeze holes at 2193'. If the casing tested, then attempt to establish rate into the squeeze holes. Set 4.5" cement retainer at 2143'. Establish rate below CR. Mix and pump ¹⁶⁶⁰160 sxs Class B cement, squeeze 148 sxs outside the casing and leave ¹⁶⁶⁰42 sxs inside the casing to cover through the Kirtland top. PUH.

7. **Plug #4 (Ojo Alamo top, 1570' – 1470')**: Spot 12 sxs Class B cement inside casing to cover the Ojo Alamo top. TOH.
8. **Plug #5 (8.625" Surface Casing shoe, 306' to Surface)**: Perforate 3 HSC squeeze holes at 306' and attempt to circulate to surface out the bardenhead valve. Mix and pump 100 sxs Class B cement down 4.5" casing from 306' to surface, circulate good cement out bradenhead.
- 9 ND BOP and cut off casing below surface casing flange. Top off cement if not at surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 1 Quinella

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Mesaverde plug from 2984' – 2884' inside and outside the 4 ½" casing.
 - b) Place the Pictured Cliffs/Fruitland/Kirtland plug from 2193' – 1666' inside and outside the 4 ½" casing.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.