

submitted in lieu of Form 3160-5

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

RECEIVED

MAY 01 2008

Bureau of Land Management
Farmington Field Office

1. Type of Well Oil

2. Name of Operator
Questar Exploration & Production Company

3. Address & Phone No. of Operator
1050 17th Street, Suite 500, Denver, CO 80265

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

990' FSL and 1650' FWL, Section 18, T-24-N, R-7-W, Unit N

5. Lease Number
NM-30593 03595

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Escrito Gallup Unit

8. Well Name & Number
#20 (Elizabeth #6)

9. API Well No.
30-039-21048

10. Field and Pool
Escrito Gallup

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

Questar Exploration & Production Company proposes to plugged and abandoned this well
per the attached procedure.

RCVD MAY 5 '08

OIL CONS. DIV.

DIST. 3

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

Signed Kirby Sanchez Title Production Foreman Date 5/01/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date MAY 05 2008
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

April 28, 2008

Escrito Gallup Unit #20

Escrito Gallup
990' FSL & 1650' FWL, Section 18, T24N, R7W
Rio Arriba County, New Mexico, API #30-039-21048

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test location rig anchors. Prepare and line a waste fluid pit. 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 the well with water as necessary or 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 5886'
Packer: Yes____, No X, Unknown____, Type____
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
4. **Plug #1 (Gallup perforations and top, 5629' – 5529')**: Round trip 4.5" gauge ring or casing scraper to 5629', or as deep as possible. TIH and set CR at 5629'. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. *If casing does not test then spot or tag subsequent plugs as appropriate.* Spot 12 sxs Class G cement above CR to isolate the Gallup interval. PUH with tubing to 3910'.

~~3173~~ ~~3073~~
5. **Plug #2 (Mesaverde top, ~~3910'~~ – ~~3810'~~)**: Mix 12 sxs Class G cement and spot a balanced plug inside casing to cover the Mesaverde top. PUH.

~~2800~~ ~~2700~~
6. **Plug #3 (Chacra top, ~~3277'~~ – ~~3177'~~)**: Mix 12 sxs Class G cement and spot a balanced plug inside casing to cover the Chacra top. PUH.
7. **Plug #4 (Pictured Cliffs and Fruitland tops, 2407' – 1988')**: Mix 36 sxs Class G cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 1792' – 1553')**: Mix 23 sxs Class G cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOH and LD tubing.
9. **Plug #6 (8.625" casing shoe and surface, 190' - Surface)**: Perforate 3 squeeze holes at 190'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 70 sxs Class G cement down the 4.5" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
10. 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.

Escrito Gallup Unit #20

Current

Escrito Gallup

990' FSL & 1650' F WL, SW, Section 18, T-24-N, R-7-W

Rio Arriba County, NM / API #30-039-21048

Today's Date: 4/28/2008

Spud: 4/22/75

Completion: 5/9/75

Elevation: 7078' GI
7092' KB

Ojo Alamo @ 1603'

Kirtland @ 1742'

Fruitland @ 2038'

Pictured Cliffs @ 2357'

Chacra @ 3227'

Mesaverde @ 3860'

Gallup @ 5650'

12.25" hole

8.625" 24.7# Casing set @ 140'
Cement with 100 sxs (Circulated to Surface)

TOC @ 446' (Calc, 75%)

2.375" Tubing at 5886'
(4.7#, J-55)

DV Tool @ 3238'
Cemented with 568 sxs (847 cf)

TOC @ 3435' (Calc, 75%)

Gallup Perforations:
5679' - 5886'

4.5" 11.5#, J-55 Casing set @ 5990'
Cemented with 525 sxs (776 cf)

7.875" hole

TD 5990'

Escrito Gallup Unit #20

Proposed P&A

Escrito Gallup

990' FSL & 1650' F WL, SW, Section 18, T-24-N, R-7-W

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Pictured Cliffs @ 2357'

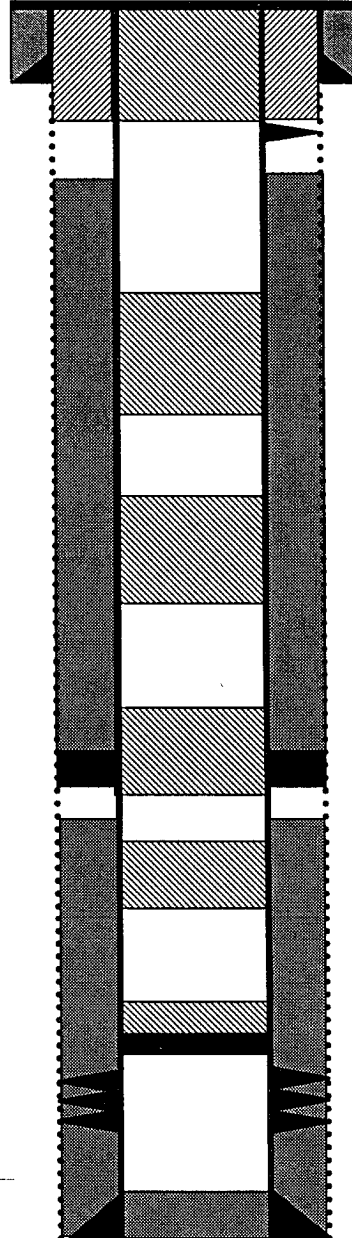
Chacra @ 3227'

Mesaverde @ 3860'

Gallup @ 5650'

12.25" hole

7.875" hole



8.625" 24.7# Casing set @ 140'
Cement with 100 sxs (Circulated to Surface)

Perforate @ 190'

TOC @ 446' (Calc, 75%)

Plug #6: 190'- 0'
Class G cement, 70 sxs

Plug #5: 1792'- 1553'
Class G cement, 22 sxs

Plug #4: 2407'- 1988'
Class G cement, 36 sxs

Plug #3: 3277'- 3177'
Class G cement, 12 sxs

DV Tool @ 3238'
Cemented with 568 sxs (847 cf)

TOC @ 3435' (Calc, 75%)

Plug #2: 3910'- 3810'
Class G cement, 12 sxs

Set CR @ 5629'

Plug #1: 5629'- 5529'
Class G cement, 12 sxs

Gallup Perforations:
5679' - 5886'

4.5" 11.5#, J-55 Casing set @ 5990'
Cemented with 525 sxs (776 cf)

TD 5990'

**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: 20 Escrito Gallup Unit

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 3173' – 3073'.

b) Place the Chacra plug from 2800' - 2700'.

Note: Chacra plug is unnecessary.

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.