

submitted in lieu of Form 3160-5

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

2004 NOV 15 PM 1 55

RECEIVED

070 FARMINGTON NM

1. Type of Well
Oil

5. Lease Number
SF-078563
6. If Indian, All. or
Tribe Name

2. Name of Operator
Questar Exploration and Production Company

7. Unit Agreement Name

3. Address & Phone No. of Operator
1050 17th Street, Suite 500, Denver, CO 80265 (303)672-6931

8. Well Name & Number
Federal 2-26 #1

4. Location of Well, Footage, Sec., T, R, M
660' FNL and 1980' FEL, Section 26, T-24-N, R-7-W,

9. API Well No.
30-039-05333
10. Field and Pool
Escrito Gallup
11. County & State
Rio Arriba, 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 plans to plug and abandon this well per the attached procedure.

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

Signed

Scott Goodwin

Title

PET. ENG.

Date

11/11/04

(This space for Federal or State Office use)
APPROVED BY

CONDITION OF APPROVAL, if any:

Title

Date

NOV 15 2004

NMOCB

PLUG & ABANDONMENT PROCEDURE

11/11/04

Federal 2-26 #1

Escrito Gallup

660' FNL, 1980' FWL, Section 26, T-24-N, R-7-W
Rio Arriba County, New Mexico

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 pg with a 1.32 cf/sx yield.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Questar 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; function test BOP.
2. Tally and PU 2-3/8" workstring. Round trip 5-1/2" casing scraper or gauge ring to 2800'.
3. **Plug #1 (Gallup: 4507' - 4607')**: TIH with open ended tubing and tag existing RBP at 4507'. Load casing with water and circulate well clean. Note: Do not attempt to pressure test casing as 2003 workover indicated casing leaks from 3443' to 3785'. Mix 10 sxs Type III cement and spot balanced plug inside 5-1/2" casing to cover the Gallup perforations and top. TOH with tubing.
4. **Plug #2 (Mesaverde: 2850' - 2750')**: Perforate 3 HSC holes at 2850'. Set a CR at 2800'. Attempt to pressure test casing above the CR to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 41 sxs Type III cement, squeeze 26 sxs outside the casing and leave 15 sxs inside casing to cover the Mesaverde top. PUH to 2017'.
5. **Plug #3 (Pictured Cliffs, Fruitland, and Kirtland tops: 2017' - 1448')**: Mix 63 sxs Type III cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH to 1375' and reverse circulate well clean. TOH with tubing.
6. **Plug #4 (Ojo Alamo top: 1370' - 1270')**: Perforate 3 HSC holes at 1370'. ^{CA} Set a CR at 1320'. Establish rate into squeeze holes. Mix and pump 41 sxs Type III cement, squeeze 26 sxs outside the casing and leave 15 sxs inside casing to cover the Ojo Alamo top. TOH and LD tubing.
7. **Plug #5 (8-5/8" Casing shoe, 399' - Surface)**: Perforate 3 HSC holes at 399'. Establish circulation out the bradenhead with water. Mix and pump approximately 105 sxs cement down 5-1/2" casing to circulate good cement out bradenhead. Shut in well and WOC.
8. ND BOP and cut off surface and production casing below ground level. Fill well with cement as necessary and install P&A marker to comply with regulations. RD and MOL.

Federal 2-26 #1

Current

Escrito Gallup

660' FNL & 1980' FWL, Section 26, T-24-N, R-7-W

Rio Arriba County, NM / API #30-039-05333

Today's Date: 11/11/04

Spud: 10/21/57

Completed: 11/5/57

Elevation: 6720' GL

6732' KB

12-1/4" hole

8-5/8", 24#, Casing set @ 349'
Cement with 200 sxs (Circulated to Surface)

Well History:

Jul '87: Attempt to isolate casing leak, no leaks. Foam frac well. Perforate additional squeeze holes from 5296 to 5374'. Frac and acidize. Ran 2-3/8" tubing.

Aug '91: Isolate casing leaks from 1975' to 2007'. Sqz total 405 sxs, 333 sxs outside casing and leave 72 sxs inside. DO and PT okay.

May '03: MIRU. Determine casing failure. RD
Oct '03: Set RBP at 4507'. Isolate casing leak 3443' to 3785'. TOH w/tubing, dump 6 sxs sand down casing on top of RBP.

Ojo Alamo @ 1320'

TOC @ 1470' (CBL)

Kirtland @ 1498'

Csg leaks from 1975' -
2007' sqz'd w/total 405
sxs (1991) CBL run 2003
shows good sqz bond
over PC, Ft and Kt zones

Fruitland @ 1730'

Pictured Cliffs @ 1967'

Mesaverde @ 2800'

Csg leaks from 3443' -
3785' (2003)

Gallup @ 5150'

7-7/8" hole

TOC @ 4409' (Calc, 75%)

RBP set at 4507' w/6 sxs
sand (2003)

Gallup Perforations:

5296' - 5374'

5464' - 5540'

5-1/2" 15.5#, Casing set @ 5639'
Cemented with 240 sxs

TD 5650'
PBD 5553'

Federal 2-26 #1

Proposed P&A

Escrito Gallup

660' FNL & 1980' FWL, Section 26, T-24-N, R-7-W

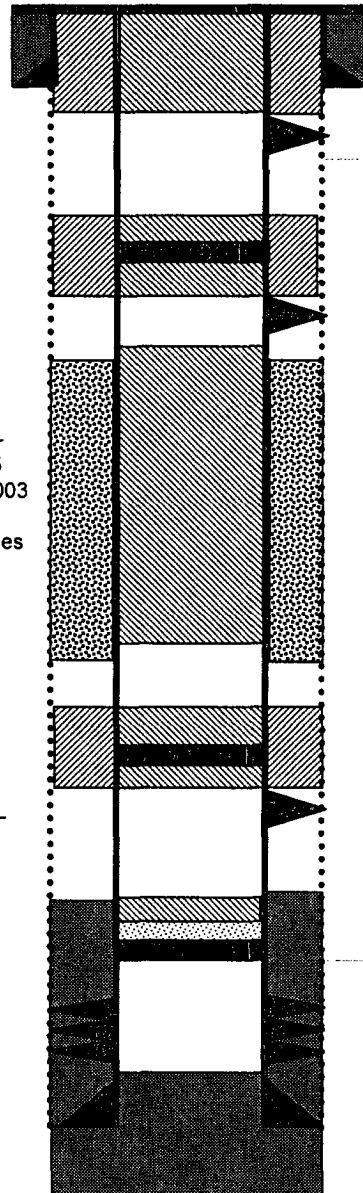
Rio Arriba County, NM / API #30-039-05333

Today's Date: 11/11/04

Spud: 10/21/57
Completed: 11/5/57
Elevation: 6720' GL
6732' KB

Plug 5: 399' - 0'

Type III cement, 105 sxs



8-5/8", 24#, Casing set @ 349'
Cement with 200 sxs (Circulated to Surface)

Perforate @ 399'

Cmt Retainer @ 1320'

Perforate @ 1370'

Plug 4: 1370' - 1270'

Type III cement, 41 sxs,
26 outside and 15 inside

Plug 3: 2017' - 1448'

Type III cement, 63 sxs

Cmt Retainer @ 2800'

Perforate @ 2850'

Plug 2: 2850' - 2750'

Type III cement, 41 sxs,
26 outside and 15 inside

TOC @ 4409' (Calc, 75%)

RBP set at 4507' w/6 sxs
sand (2003)

Plug 1: 4507' - 4607'

Type III cement, 10 sxs

Gallup Perforations:
5296' - 5374'
5464' - 5540'

5-1/2" 15.5#, Casing set @ 5639'
Cemented with 240 sxs

TD 5650'
PBD 5553'