

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well
GAS

API # (assigned by OCD)
30-045-09748

5. Lease Number
Fee

6. State Oil&Gas Lease #

2. Name of Operator

7. Lease Name/Unit Name

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

Hampton

8. Well No.
#1X

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. Pool Name or Wildcat
Aztec Pictured Cliffs

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

1180' FNL, 1840' FWL, Sec.10, T-30-N, R-11-W, NMPM, San Juan County, NM

10. Elevation:

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

☒ Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED
SEP - 1 1999
OIL CON. DIV.
DIST. 3

SIGNATURE

[Signature]

Regulatory Administrator August 30, 1999

(This space for State Use)

trc

Approved by

ORIGINAL SIGNED BY ERNIE BUSCH

Title

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date

SEP 20 1999

* Call us before you commence

PLUG AND ABANDONMENT PROCEDURE

8-11-99

Hampton #1X
Aztec Pictured Cliffs
1180' FNL and 1840' FWL, Section 10, T30N, R11W
San Juan County, New Mexico

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.

Note: The Hampton #1X is located in the city of Aztec in Sunland's paved yard next to a building.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and BROGC safety rules and regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Lay relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. TOH and tally 2-3/8" tubing (2,181'); visually inspect the tubing. If necessary, lay down tubing, complete wireline work and PU 2-3/8" workstring. Round-trip 4-1/2" gauge ring on wireline. If gauge ring does not go to bottom, RIH with bit and scraper to clean out obstruction to a minimum depth of 2114'. Set 4-1/2" CIBP on wireline at 2114'. TIH with open ended tubing and tag CIBP. Load casing with water. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. TOH.
3. RU wireline unit and run CBL from top of CIBP to surface to determine the 4-1/2" x 7" TOC.
4. **Plug #1 (Pictured Cliffs interval and Fruitland top, 2114' - 1770')**: TIH with tubing and spot 30 sxs Class B cement above CIBP to isolate PC perforations and to cover Fruitland top. TOH.

If 4-1/2" x 7" TOC from CBL is at or above 900' then continue with step #5. If 4-1/2" x 7" TOC from CBL is below 900' then continue with the alternate procedure below.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 900' - 667')**: Perforate 6 HSC squeeze holes through 4-1/2" and 7" casings at 900'. Establish rate through squeeze holes into 4-1/2" x 7" annulus and circulate to surface; shut in intermediate casing and pump outside 7" casing. Set 4-1/2" cement retainer at 850'. Establish rate into squeeze holes. Mix 110 sxs Class B cement, squeeze 60 sxs cement outside 7" casing, 28 sxs outside 4-1/2" casing and leave 22 sxs cement inside 4-1/2" casing to cover the Ojo Alamo top. TOH and LD tubing.
6. **Plug #3 (10-3/4" Casing Shoe at 92')**: Perforate 6 HSC squeeze holes through 4-1/2" and 7" casings at 142'. Establish circulation out intermediate casing valve and bradenhead valve. Mix and pump approximately 63 sxs Class B cement down 4-1/2" casing to 142'. Pump additional cement, if needed, to circulate good cement out both the 4-1/2" x 7" annulus and 7" x 10-3/4" annulus. Shut in well and WOC.
7. ND BOP and cut off well head 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.

Alternate procedure if 4-1/2" casing is to be pulled.

5. If TOC is below 920', then perforate 1 hole at 910' and circulate annulus to surface. ND tubinghead and weld 4-1/2" slip-on collar on casing. NU BOP with 4-1/2" rams. Determine casing free point by stretch. Then jet cut casing at 900' or possibly deeper if free. RU casing handling tools. Pull and LD 4-1/2" casing. If casing cut is below 900', then TIH with tubing and spot 23 sxs cement from 50' below to 50' above the 4-1/2" casing stub. TOH with tubing to 900' and circulate out excess cement in preparation for shooting squeeze holes in the following step. WOC and pressure test 7" casing to 500#. TOH.

* NOTIFY DOMESTIC FUEL USER OF P&A
KAR

6. **Plug #2 (Kirtland and Ojo Alamo tops, 900' – 667'):** Perforate 3 HSC squeeze holes through 7" casing at 900'. Establish rate through squeeze holes into 7" x 8-3/4" annulus and circulate to surface. Set 7" cement retainer at 850'. Establish rate into squeeze holes. Mix 115 sxs Class B cement, squeeze 60 sxs cement outside 7" casing and leave 55 sxs cement inside 7" casing to cover Ojo Alamo top. TOH and LD tubing.
7. **Plug #3 (10-3/4" Casing Shoe at 92'):** Perforate 3 HSC squeeze holes through 7" casing at 142'. Establish circulation out intermediate casing valve and bradenhead valve. Mix and pump approximately 63 sxs Class B cement down 7" casing to 142'. Pump additional cement, if needed, to circulate good cement out the 7" x 10-3/4" annulus. Shut in well and WOC.
8. ND BOP and cut off well head 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.

Recommended: J. J. Lee 8-16-99
Operations Engineer

Approval: Bruce D. Boyer 8-17-99
Drilling Superintendent

Hampton #1X

Current

DPNO 1144501

Aztec Pictured Cliffs

NW Section 10, T-30-N, R-11-W, San Juan County, NM

Lat/Long: 36°49.8303', -107°58.8190'

Today's Date: 7/13/99

Spud: 9/11/53

Completion: 9/16/53

Elevation: 6478' GL

Ojo Alamo @ 717'

Kirtland @ 850'

Fruitland @ 1820'

Pictured Cliffs @ 2175'

13-3/4" Hole

10-3/4" 32.75# Casing set @ 92'
Cmt w/125 sxs (Circulated to Surface)

WORKOVER HISTORY

Oct '72: Cemented 4-1/2" casing at 2225'
with 200 sxs; perforate and frac PC zone;
land 2-3/8" tubing.

TOC @ 726' (Calc, 75%)

2-3/8" Tubing Set at 2181'

TOC @ 1587' (Calc, 75%)

8-3/4" Hole

7" 20# Casing set @ 2176'
Cemented with 100 sxs (118 cf)

Pictured Cliffs Perforations:
2164' - 2200' (1972)

4-1/2" ? # Casing set @ 2225' (1972)
Cemented with 200 sxs (236 cf ?)

6-1/4" Hole

Pictured Cliffs Open Hole Completion:
2176' - 2225' (1953)

TD 2225'

Hampton #1X

Proposed P&A

DPNO 1144501

Aztec Pictured Cliffs

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Lat/Long: 36°49.8303', -107°58.8190'

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