

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED

MAY 11 2010

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office1. Type of Well
GAS2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

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

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

Surf: Unit O (SWSE), 1090' FSL & 1605' FEL, Section 27, T30N, R11W, NMPM

5. Lease Number
NMNM - 02758
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Murphy D 1Y
9. API Well No.

30-045-31132
10. Field and Pool

Aztec PC
11. County and State
San Juan Co., NM

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

Type of Submission

Type of Action

☒

Notice of Intent

☒

Abandonment

☐ Change of Plans☒

Other --

P&A

☐

Subsequent Report

☐

Recompletion

☐ New Construction☐

Final Abandonment

☐

Plugging

☐ Non-Routine Fracturing

Casing Repair

☐ Water Shut off

Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

**H₂S POTENTIAL EXIST**

Burlington Resources wishes to P&A this well per the attached procedures and well bore schematics.

RCVD MAY 21 '10

OIL CONS. DIV.

DIST. 3

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

Signed Jamie Goodwin Jamie Goodwin Title Regulatory Technician Date 05/10/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date MAY 20 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**Notify NMOCD 24 hrs
prior to beginning
operations**

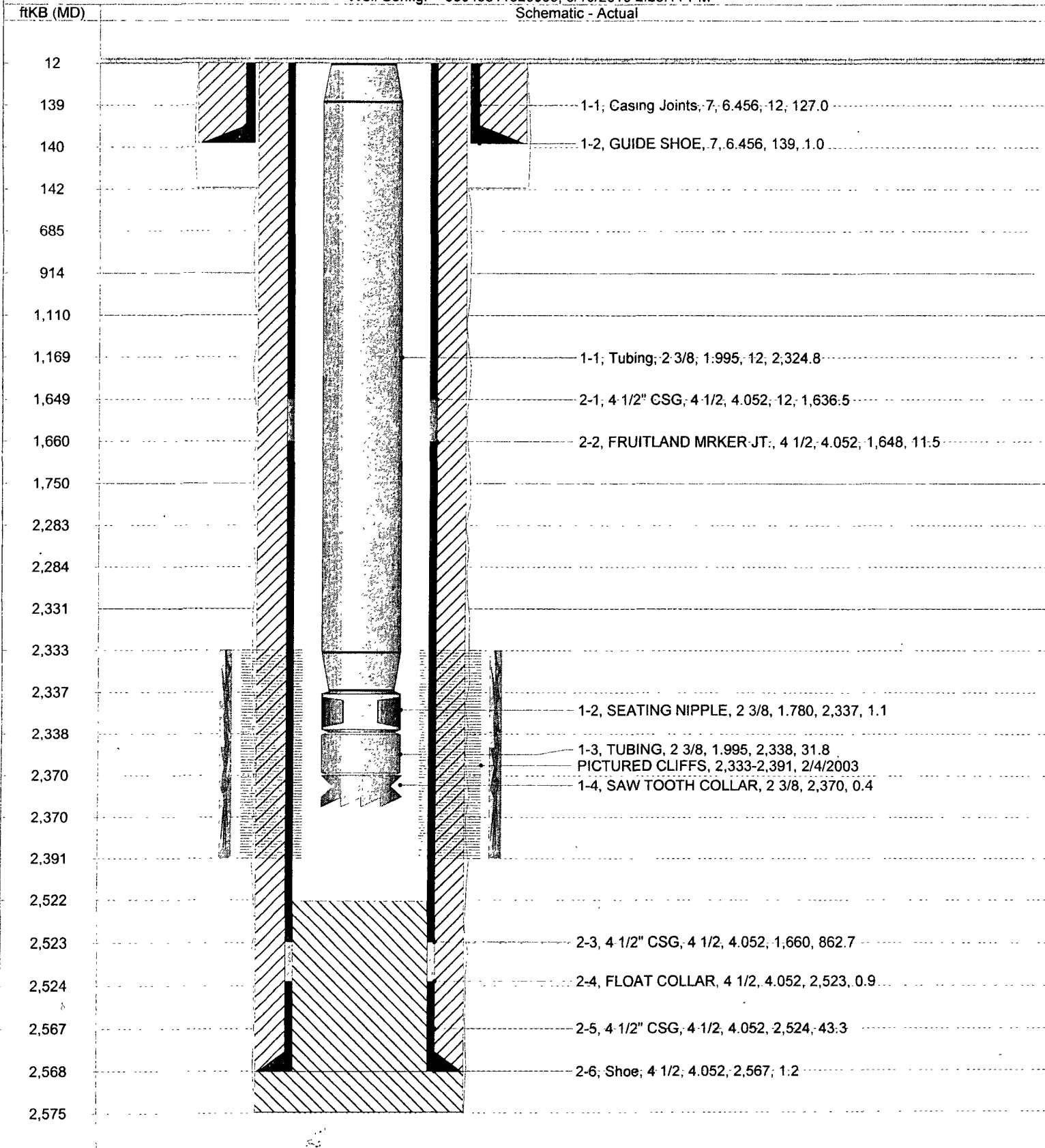
NMOCD

Most Recent Job

Jobs	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Job Category COMPLETIONS	INITIAL COMPLETION	INITIAL COMPLETION	1/23/2003	2/19/2003

Well Config: - 30045311320000, 5/10/2010 2:23:11 PM

Schematic - Actual



**ConocoPhillips
Murphy D 1Y
P&A Procedure**

Lat: 36° 33' 20.124" N/ Long: 107° 49' 24.564" W

Prepared By: Priscilla Shorty
Peer Review: Marcel Madubom

Date: 03 / 22 / 2010
Date: 04 / 07 / 2010

Scope of work: Plug and abandon the wellbore

Est. Rig Days: 2

WELL DATA:

API: 3004531132
Location: 1090' FSL and 1650' FEL, Unit O Section 27, T30N, R11W
Perforations: 2333' – 2391' (Pictured Cliffs)

PBTD: 2522' **TD:** 2575'

<u>Casing:</u>	<u>OD</u>	<u>Wt., Grade</u>	<u>Connection</u>	<u>ID/Drift (in)</u>	<u>Depth</u>
<u>Surface:</u>	7"	20.00#, J-55	STC	6.456/6.331	140'
<u>Production:</u>	4 1/2"	10.50#, J-55	STC	4.052/3.927	2568'

Well History/ Justification: This well was drilled and completed as a PC producer in 2/2003. The well never performed well after completion and the gas rate could not be measured after completion due to very poor production rates. The well is on central compression and is currently uneconomical to produce. Nine section of this area shows no producing PC wells and a decision was made with RAM to plug the wellbore.

Est. Reservoir Pressure (psig): 130 psig

Well Failure Date: N/A

Production Engineer: Marcel Madubom Office: 326-9532 Cell: 320-2608

Backup Engineer: Matt Gastgeb Office: 326-9812 Cell: 320-4119

MSO: Gerald Gonzales Cell: 320-1667

Lead: Duane Bixler Cell: 320-1107

Area Foreman: Hal Mead Cell: 320-9667

H2S : 0 ppm

ABANDONMENT PROCEDURE

March 22, 2010

MURPHY D 1Y

Aztec Pictured Cliffs

1090' FSL and 1605' FEL, Unit O Section 27, T30N, R11W

San Juan County, New Mexico / API 30-045-31132

Lat: 36° 33' 20.124" N/ Long: 107° 49' 24.564" 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 a 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 2370'.
Packer: Yes____, No X, Unknown____ Type____.
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (PC perforations and Fruitland Coal top: 2283' – 1700')**: RIH and set 4.5" CIBP at 2283'. Load casing and circulate well clean. Pressure test tubing to 1000 PSI. Pressure test casing to 800#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 49 sxs of Class B cement and spot above CIBP to isolate the PC perforations and Fruitland top. PUH.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1160' - 864')**: Mix 27 sxs of Class B cement and spot a balanced plug inside casing to cover Kirtland and Ojo Alamo tops. TOH and LD tubing.
6. **Plug #3 (7" surface casing shoe, 190' – surface')**: Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 15 sxs of Class B cement and spot a balanced plug from 190' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 190' and the annulus from the squeeze holes to surface. 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.