

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

## 1. Type of Well

GAS

## 2. Name of Operator

**BURLINGTON**

RESOURCES OIL &amp; GAS COMPANY LP

## 3. Address &amp; Phone No. of Operator

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

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

1650' FSL, 990' FWL, Sec.2, T-29-N, R-11-W, NMPM

## 5. Lease Number

NMSF-080469

2004 AUG 6 2004 2:02 PM  
If Indian, All or

Tribe Name

RECEIVED

## 7. Unit Agreement Name

7070 FARMINGTON NM  
5692 GL

## 8. Well Name &amp; Number

Murphy A Com #1

## 9. API Well No.

30-045-08689

## 10. Field and Pool

Basin Fruitland Coal/  
Aztec Pictured Cliffs

## 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☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging Back☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ 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.



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

Signed Nancy Oltmanns Title Senior Staff Specialist Date 8/6/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date AUG 12 2004

CONDITION OF APPROVAL, if any: \_\_\_\_\_

## Murphy A Com #1 – Pictured Cliffs / Fruitland Coal

### PLUG AND ABANDONMENT PROCEDURE

1650' FSL & 990' FWL

SW, Section 2, T029N, R011W

Latitude: N 36° 45.114, Longitude: W 107° 57.984


AIN: 4859100

8/2/2004

Note: All cement volumes use 100% excess outside casing and 50 foot excess inside casing. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.  
**All cement will be ASTM Type II, mixed at 14.8 ppg with a 1.32 cf/sx yield.**

1. Install and/or test rig anchors. Prepare and line blow pit. Comply with all BLM, NMOC and Burlington safety rules and regulations. MO and RU daylight pulling unit. ND wellhead and NU BOP, test BOP.
2. TOH and tally 64 joints 2-3/8" EUE tubing, total 1973'. Visually inspect tubing and if necessary use a workstring. Round-trip 5-1/2" gauge ring or casing scraper to 1718'.
3. **Plug #1 (Pictured Cliffs open hole interval and Fruitland Coal perforations and top, 1986' - 1597 1630')**: TIH and set a 5-1/2" cement retainer at 1718'. Load the casing with water and circulate clean. Pressure test tubing to 1000#. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 60 sxs Type III cement, squeeze 55 sxs below the CR to isolate the PC zone and to fill the Fruitland Coal perforations, then spot 14 sxs above CR to cover the Fruitland top. TOH with tubing.
6. **Plug #2 (Kirtland and Ojo Alamo tops, 862' – 650')**: Perforate 3 squeeze holes at 862'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 5-1/2" cement retainer at 812'. Establish rate into squeeze holes. Mix and pump 65 sxs Type III cement, squeeze 43 sxs outside the casing and leave 22 sxs inside casing. PUH with tubing to 286'.
7. **Plug #3 (9-5/8" Surface casing, 286' - Surface)**: Pressure test bradenhead annulus to 300#. If it tests, then mix approximately 30 sxs Type III cement and spot a balanced plug inside casing from 286' to surface, circulate good cement out casing valve. TOH and LD tubing. If the bradenhead annulus does not test, then perforate at 286' and set cement plug accordingly.
8. 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.

Recommended:

  
Operations Engineer

Approved:

  
Drilling Manager

Sundry Required:



Approved:

  
Regulatory

Operations Engineer: Office: 599-4043  
Cell: 320-0321

# Murphy A Com #1 Current

Basin Fruitland Coal / AIN #4859100

1650' FSL & 990' FWL, Section 2, T-29-N, R-11-W, San Juan County, NM

Lat: N36° 45.114 / Long: W 107° 57.984 / API #30-045-08689

Today's Date: 7/19/04  
Spud: 5/20/53  
PC Completed: 8/5/53  
FtC Completed: 7/11/95  
Elevation: 5692' GI

13-3/4" hole

9-5/8" 25.4#, Casing set @ 133'  
Cement with 125 sxs, Circ to surface.

## Well History

Jul '95: Isolate casing leak at 236'.  
Squeezed with 300 sxs, circulate to surface  
out BH; DO. Set CIBP at 1986'. Perforate  
frac the Fruitland Coals.

Ojo Alamo @ 700'

Kirtland @ 812'

2-3/8 Tubing set at 1973'  
(64 joints, EUE)

TOC @ 1162' ('95 CBL)

Fruitland @ 1680'

Fruitland Coal Perforations:  
1768' - 1984'

5-1/2" 15.5#, Casing set @ 1987'  
Cement with 150 sxs

CIBP set at 1986' (1995)

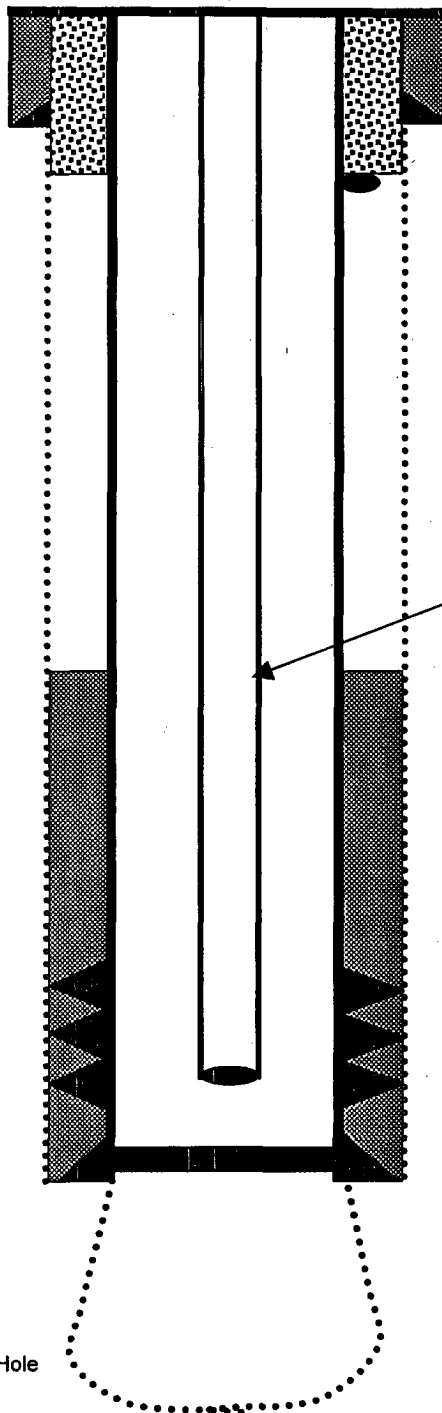
Pictured Cliffs @ 1985'

PC Open Hole Interval:  
1987' - 2051'

7-7/8" hole

6-1/4" Hole

TD 2051'  
PBSD 1986'



# Murphy A Com #1

## Proposed P&A

Basin Fruitland Coal / AIN #4859100

1650' FSL & 990' FWL, Section 2, T-29-N, R-11-W, San Juan County, NM

Lat: N36° 45.114 / Long: W 107° 57.984 / API #30-045-08689

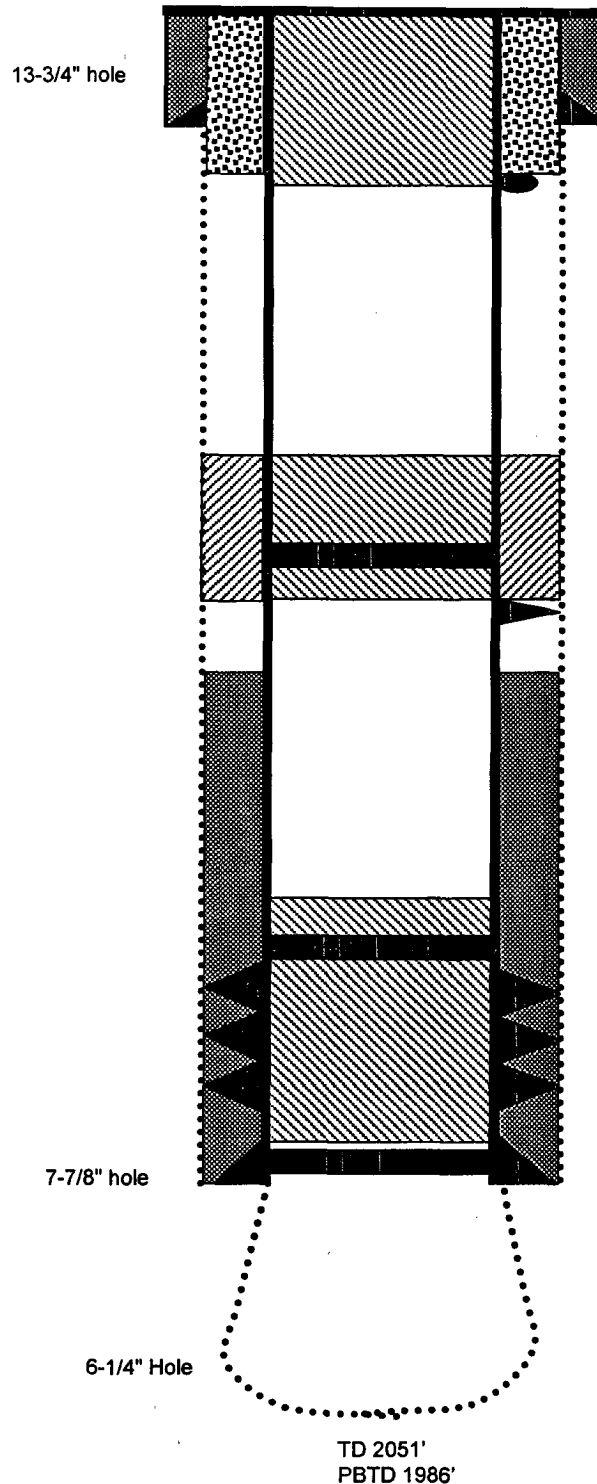
Today's Date: 7/19/04  
Spud: 5/20/53  
PC Completed: 8/5/53  
FtC Completed: 7/11/95  
Elevation: 5692' GL

Ojo Alamo @ 700'

Kirtland @ 812'

Fruitland @ 1680'

Pictured Cliffs @ 1985'



9-5/8" 25.4#, Casing set @ 133'  
Cement with 125 sxs, Circ to surface.

**Plug #3: 286' - Surface**  
Type III cement, 30 sxs

Cmt Retainer @ 812'

Perforate @ 862'

TOC @ 1162' ('95 CBL)

Set Cmt Retainer @ 1718'

Fruitland Coal Perforations:  
1768' - 1984'

5-1/2" 15.5#, Casing set @ 1987'  
Cement with 150 sxs

CIBP set at 1986' (1995)

PC Open Hole Interval:  
1987' - 2051'

**Plug #2: 862' - 650'**  
Type III cement, 65 sxs,  
with 43 sxs outside and  
22 sxs inside casing.

**Plug #1: 1986' - 1630'**  
Type III cement, 69 sxs,  
with 55 sxs below CR and  
14 sxs above.

TD 2051'  
PBTD 1986'