

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FEB 23 2012

Farmington Field Office
Bureau of Land Management

Sundry Notices and Reports on Wells

- | | |
|---|--|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
Unit O (SWSE), 1090' FSL & 1460' FEL, Section 5, T29N, R8W, NMPM</p> | <p>5. Lease Number
SF-078487-C</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Sunray 5</p> <p>9. API Well No.
30-045-21172</p> <p>10. Field and Pool
Blanco Pictured Cliffs</p> <p>11. County and State
San Juan, NM</p> |
|---|--|

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

Type of Submission
☒ Notice of IntentType of Action
☒ Abandonment☐ Change of Plans☐ Other -☐ Recompletion☐ New Construction☐ Subsequent Report☐ Plugging☐ Non-Routine Fracturing☒ Final Abandonment☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

Notify NMOCD 24 hrs
prior to beginning
operations

RCVD MAR 1 '12
OIL CONS. DIV.
DIST. 3

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician Date 2/23/12

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____Date FEB 28 2012

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

NMOCD *AV*

February 13, 2012

SUNRAY 5 (PC)

Blanco Pictured Cliffs
1090' FSL and 1460' FEL, Unit O Section 05, T29N, R08W
San Juan, New Mexico / API 30-45-21172
Lat: 36° 44' 58.308" N/ Long: 107° 41' 35.988" 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____, No X, Unknown____ Size____, Length____.
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 perforation, Fruitland Coal, Kirtland, and Ojo Alamo tops: 3046' – ¹⁹³⁰1963')**: RIH and set 2-7/8" CIBP at 3046'. 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 32 sxs Class B cement and spot above CIBP to isolate the PC perforations, Fruitland, Kirtland, and Ojo Alamo tops. POH.
5. **Plug #2 (Nacimiento top, 730' - 630')**: Perforate 3 squeeze holes at 730'. TIH and set CR at 680'. Establish a rate into the squeeze holes. Mix 40 sxs Class B cement, squeeze 35 sxs outside the casing and leave 5 sxs inside casing to cover Nacimiento top. TOH and LD tubing.
6. **Plug #3 (8-5/8" surface casing shoe, 180' – surface')**: Perforate 3 squeeze holes at 180'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix 73 sxs Class B cement and pump down 2.875" casing to circulate good cement out bradenhead. 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.

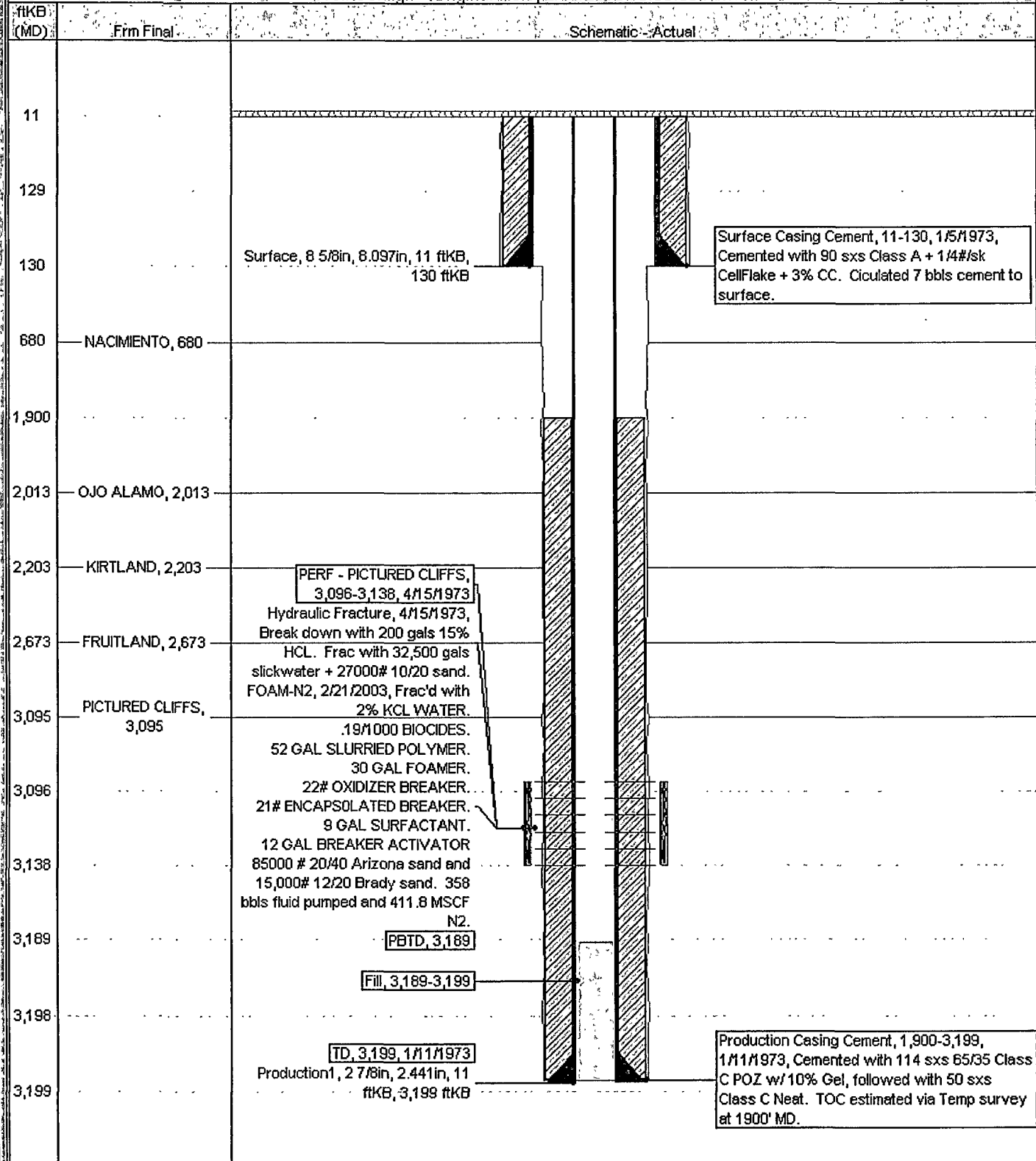
Current Schematic

ConocoPhillips

Well Name: SUNRAY#5

API/UVI 3004521172	Surface Legal Location NMPM,005-029N-008W	Field Name BLANCO PICTURED CLIFFS #5	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,421.00	Original KB/RT Elevation (ft) 6,432.00	KB-Ground Distance (ft) 11.00	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: - Original Hole: 2/13/2012 10:03:58 AM



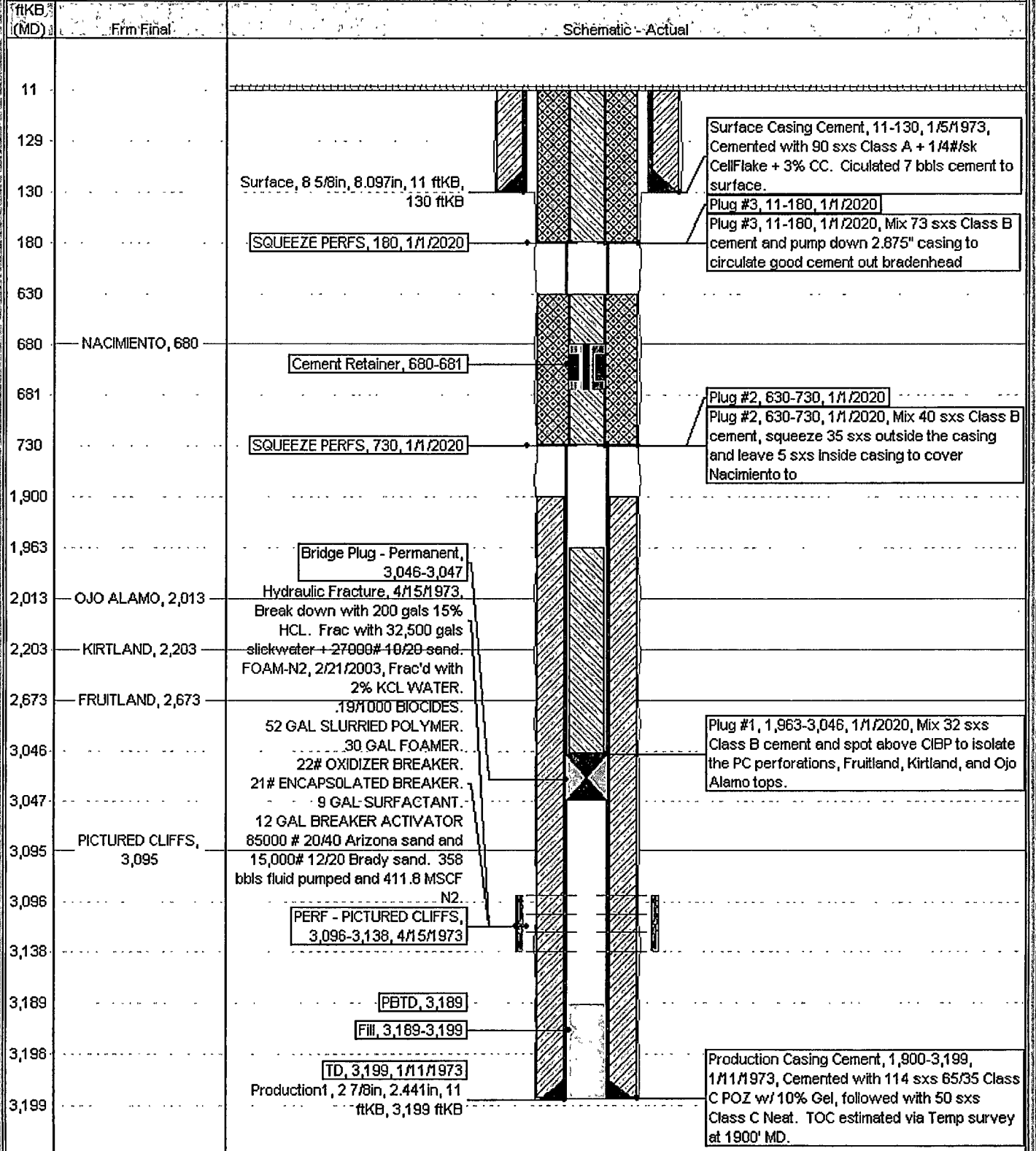
Proposed Schematic

ConocoPhillips

Well Name: **SUNRAY#5**

API/UWI 3004521172	Surface Legal Location NMPM,005-029N-008W	Field Name BLANCO PICTURED CLIFFS/G.	License No.	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 6,421.00	Original KB/RT Elevation (ft) 6,432.00	1/5-Grout Distance (ft) 11.00	1/5-Casing Flange Distance (ft)	1/5-Tubing Hanger Distance (ft)	

Well Config: -Original:Hole: 1/1/2020



**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: 5 Sunray

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) Bring the top of the Pictured Cliffs/Fruitland/Kirtland/Ojo Alamo plug to 1938'.

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.