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MAY 16 2012

Farmington Field Office
Bureau of Land Management

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

5 Lease Serial No: NM-01614

6 If Indian, Allottee or Tribe Name:

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2.*

7. If Unit of CA/Agreement, Name and/or No:

1. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: **Thompson 102**

2 Name of Operator: **Burlington Resources Oil & Gas Company LP**

9. API Well No: **30-045-31573**

3a. Address: **PO Box 4289, Farmington, NM 87499**

3b Phone No. (include area code): **(505) 326-9700**

10. Field and Pool or Exploratory Area: **Basin Fruitland Coal**

4 Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*: **Surface Unit A (NENE), 965' FNL & 1020' FEL, Sec.33, T31N, R12W**

11. Country or Parish, State: **San Juan , New Mexico**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/Resume)	[ ] Water Shut-Off
	[ ] Alter Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[ ] Other
	[ ] Change Plans	[X] Plug and Abandon	[ ] Temporarily Abandon	
[ ] Final Abandonment Notice	[ ] Convert to Injection	[ ] Plug Back	[ ] Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

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 MAY 22 '12
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*: **Dollie L. Busse**

Title: **Staff Regulatory Technician**

Signature: Dollie L Busse

Date: 5/16/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Original Signed: Stephen Mason

Title:

Date: MAY 18 2012

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office:

Title 18 U.S C. Section 1001 and Title 43 U S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instruction on page 2)

NMOCD

ConocoPhillips
THOMPSON 102
Expense - P&A

Lat 36° 51' 36.612" N **Long 108° 5' 52.728" W**

PROCEDURE

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.

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.

3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.

4. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

5. ND wellhead and NU BOPE. Function and pressure test BOP. PU and remove tubing hanger.

6. TOOH with 1 1/4" IJ tubing (per pertinent data sheet).

7. Repeat steps 5 and 6 for 2 7/8" tubing.

Tubing:	Yes	**Size:**	1.66"	**Length:**	2491'
Tubing:	Yes	**Size:**	2 7/8"	**Length:**	2482'

8. PU casing scraper for 4 1/2" 10.5# J-55 casing and run to 2190' or as deep as possible.

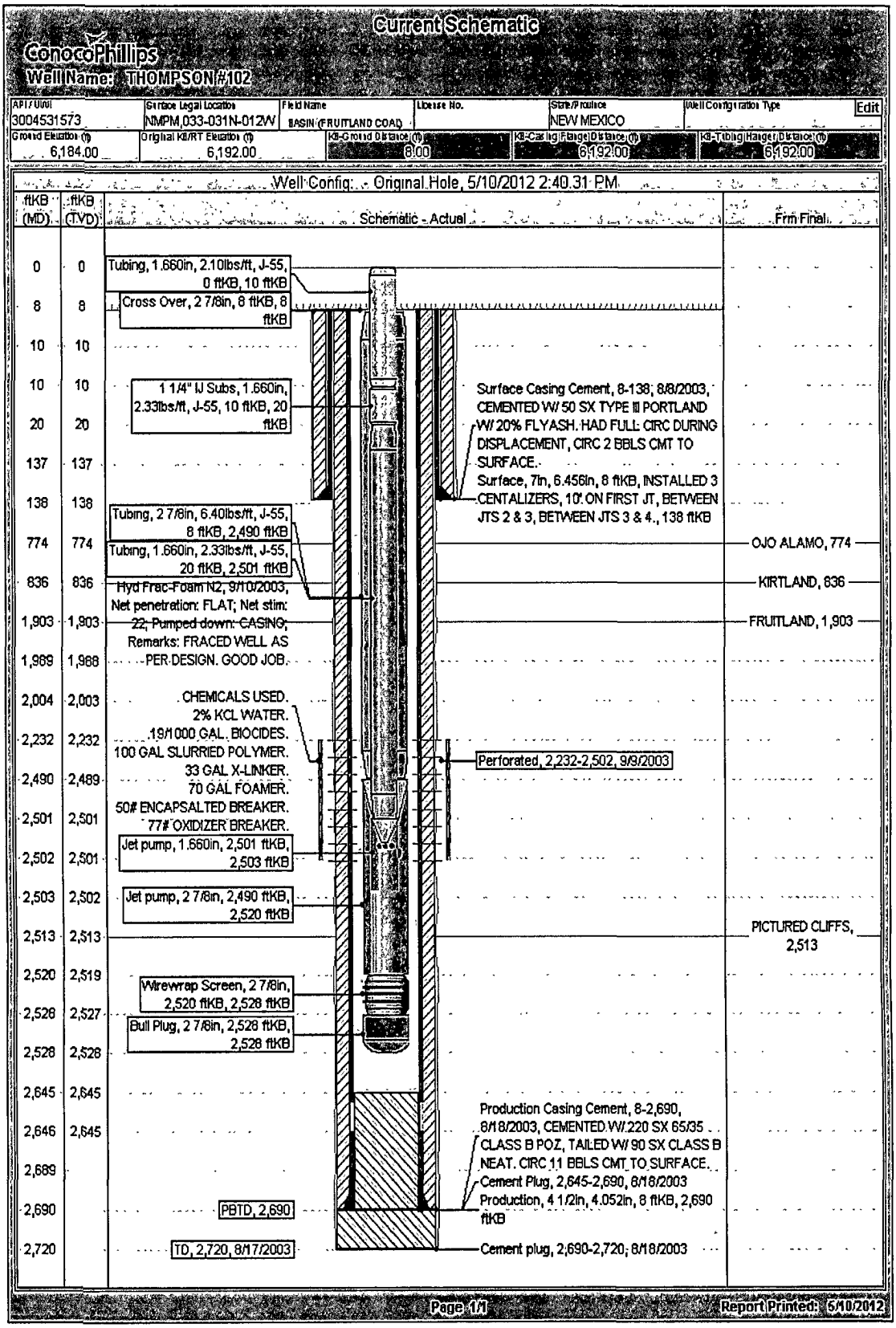
All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 (Fruitland Coal perforations and formation top, 1853-2182', 29 Sacks Class B Cement)
PU CR for 4 1/2", 10.5#, J-55 casing and RIH set at 2182'. Load casing with water and attempt to establish circulation. Pressure test tubing to 1000psi. Pressure test casing to 800psi. Mix 29 sx Class B cement and spot inside casing above CR to isolate the Fruitland Coal perforations and formation top. PUH.

10. Plug 2 (Ojo Alamo and Kirtland, ~~724-886~~ 965 827', 17 Sacks Class B Cement)
Mix 17 sx Class B cement and spot a balanced cement plug inside casing to isolate the Ojo Alamo and Kirtland formation tops. PUH.

11. Plug 3 (Surface Plug, 0-188', 19 Sacks Class B Cement)
Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 19 sx Class B cement and spot a balanced cement plug inside casing from 188' to surface. Circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the 4 1/2 casing and the BH annulus to surface. Shut well in and WOC.

12. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.


Current Schematic
ConocoPhillips
Well Name: THOMPSON #102
API / UWI
3004531573
Surface Legal Location
NMPM,033-031N-012W
Field Name
BASIN (FRUITLAND COAL)
License No.
State/Province
NEW MEXICO
Well Configuration Type
Edit
Ground Elevation (ft)
6,184.00
Original KB/RT Elevation (ft)
6,192.00
KB-Ground Distance (ft)
8.00
KB-Casing Flange Distance (ft)
6,192.00
KB-Tubing Hanger Distance (ft)
6,192.00
Well Config: - Original Hole, 5/10/2012 2:40:31 PM
ftKB (MD)
ftKB (TVD)
Schematic - Actual
Frm Final
0 0 Tubing, 1.660in, 2.10lbs/ft, J-55, 0 ftKB, 10 ftKB
8 8 Cross Over, 2 7/8in, 8 ftKB, 8 ftKB
10 10 1 1/4" IJ Subs, 1.660in, 2.33lbs/ft, J-55, 10 ftKB, 20 ftKB
20 20
137 137 Surface Casing Cement, 8-138, 8/8/2003, CEMENTED W/ 50 SX TYPE III PORTLAND W/ 20% FLYASH. HAD FULL CIRC DURING DISPLACEMENT, CIRC 2 BBLS CMT TO SURFACE.
138 138 Surface, 7in, 6.456in, 8 ftKB, INSTALLED 3 CENTALIZERS, 10' ON FIRST JT, BETWEEN JTS 2 & 3, BETWEEN JTS 3 & 4., 138 ftKB
Tubing, 2 7/8in, 6.40lbs/ft, J-55, 8 ftKB, 2,490 ftKB
774 774 Tubing, 1.660in, 2.33lbs/ft, J-55, 20 ftKB, 2,501 ftKB
OJO ALAMO, 774
836 836 Hyd Frac-Foam N2, 9/10/2003, Net penetration: FLAT; Net stim: 22; Pumped down: CASING; Remarks: FRACED WELL AS PER DESIGN. GOOD JOB.
KIRTLAND, 836
1,903 1,903
FRUITLAND, 1,903
1,969 1,968
2,004 2,003 CHEMICALS USED. 2% KCL WATER. 19/1000 GAL. BIOCIDES. 100 GAL SLURRIED POLYMER. 33 GAL X-LINKER. 70 GAL FOAMER. 50# ENCAPSALTED BREAKER. 77# OXIDIZER BREAKER.
2,232 2,232
Perforated, 2,232-2,502, 9/9/2003
2,490 2,489
2,501 2,501
2,502 2,501 Jet pump, 1.660in, 2,501 ftKB, 2,503 ftKB
2,503 2,502 Jet pump, 2 7/8in, 2,490 ftKB, 2,520 ftKB
2,513 2,513
PICTURED CLIFFS, 2,513
2,520 2,519 Wirewrap Screen, 2 7/8in, 2,520 ftKB, 2,528 ftKB
2,528 2,527 Bull Plug, 2 7/8in, 2,528 ftKB, 2,528 ftKB
2,528 2,528
2,645 2,645
2,646 2,645 Production Casing Cement, 8-2,690, 8/18/2003, CEMENTED W/ 220 SX 65/35 CLASS B POZ, TAILED W/ 90 SX CLASS B NEAT. CIRC 11 BBLS CMT TO SURFACE.
2,689 Cement Plug, 2,645-2,690, 8/18/2003
2,690 PBTD, 2,690 Production, 4 1/2in, 4.052in, 8 ftKB, 2,690 ftKB
2,720 TD, 2,720, 8/17/2003
Cement plug, 2,690-2,720, 8/18/2003
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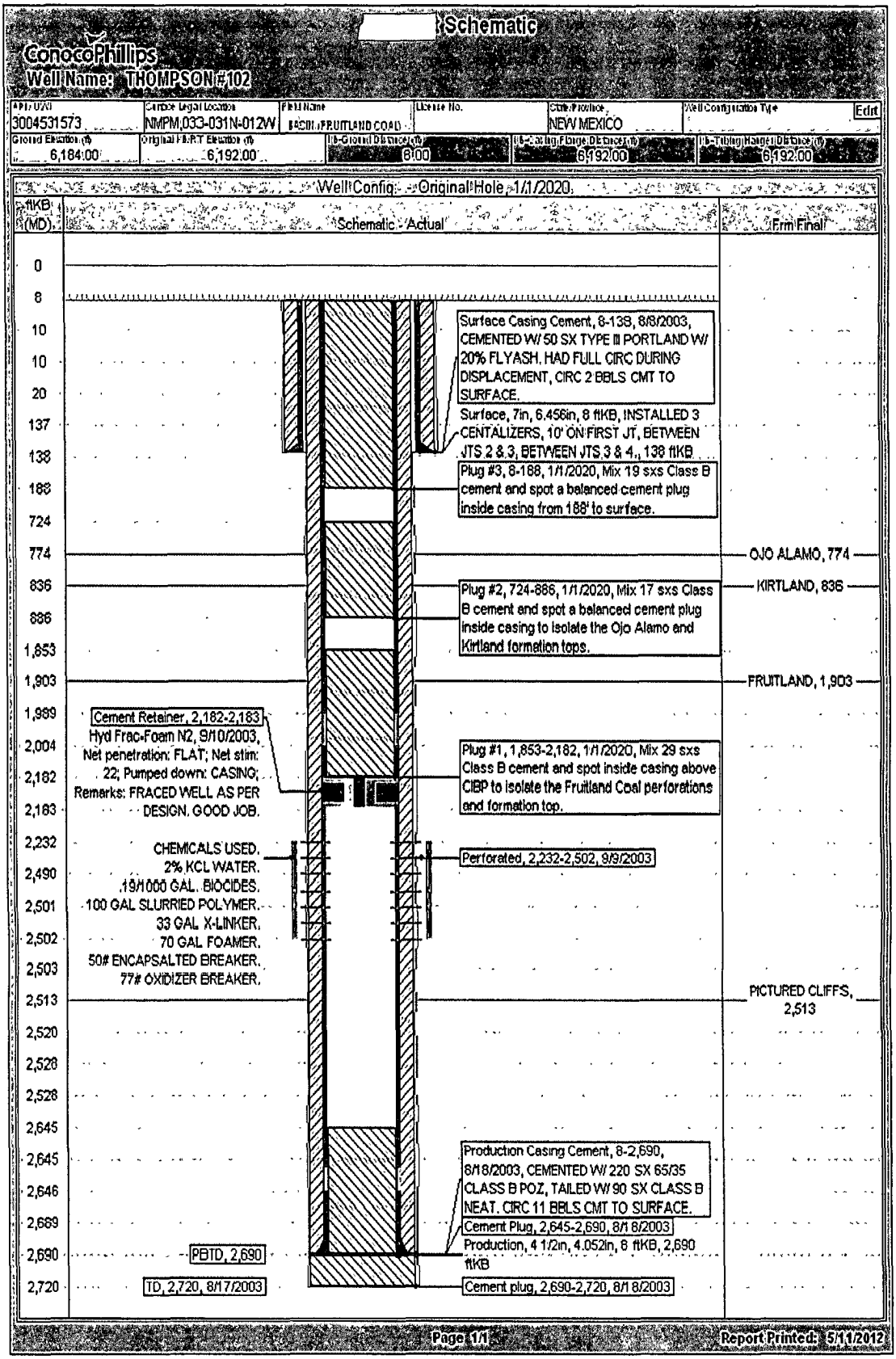
Report Printed: 5/10/2012


Schematic
ConocoPhillips
Well Name: THOMPSON #102
API/UWI
3004531573
Surface Legal Location
NMPM,033-031N-012W
Field Name
BASIN (FRUITLAND COAL)
License No.
State/Province
NEW MEXICO
Well Configuration Type
Edit
Ground Elevation (ft)
6,184.00
Original RKB Elevation (ft)
6,192.00
KB-Ground Distance (ft)
8.00
KB-Casing Flange Distance (ft)
6,192.00
KB-Tubing Hanger Distance (ft)
6,192.00
Well Config: - Original Hole, 1/1/2020
ftKB (MD)
Schematic - Actual
Frm Final
0
8
10
10
20
137
138
188
724
774
836
886
1,853
1,903
1,989
2,004
2,162
2,183
2,232
2,490
2,501
2,502
2,503
2,513
2,520
2,526
2,528
2,645
2,645
2,646
2,689
2,690
2,720
Surface Casing Cement, 8-138, 8/8/2003, CEMENTED W/ 50 SX TYPE III PORTLAND W/ 20% FLYASH. HAD FULL CIRC DURING DISPLACEMENT, CIRC 2 BBLS CMT TO SURFACE.
Surface, 7in, 6.456in, 8 ftKB, INSTALLED 3 CENTALIZERS, 10' ON FIRST JT, BETWEEN JTS 2 & 3, BETWEEN JTS 3 & 4., 138 ftKB
Plug #3, 8-188, 1/1/2020, Mix 19 sxs Class B cement and spot a balanced cement plug inside casing from 188' to surface.
OJO ALAMO, 774
Plug #2, 724-886, 1/1/2020, Mix 17 sxs Class B cement and spot a balanced cement plug inside casing to isolate the Ojo Alamo and Kirtland formation tops.
KIRTLAND, 836
FRUITLAND, 1,903
Cement Retainer, 2,162-2,183
Hyd Frac-Foam N2, 9/10/2003, Net penetration: FLAT; Net stim: 22; Pumped down: CASING; Remarks: FRACED WELL AS PER DESIGN. GOOD JOB.
Plug #1, 1,853-2,182, 1/1/2020, Mix 29 sxs Class B cement and spot inside casing above CIBP to isolate the Fruitland Coal perforations and formation top.
CHEMICALS USED.
2% KCL WATER.
19/1000 GAL. BIOCIDES.
100 GAL SLURRIED POLYMER.
33 GAL X-LINKER.
70 GAL FOAMER.
50# ENCAPSALTED BREAKER.
77# OXIDIZER BREAKER.
Perforated, 2,232-2,502, 9/9/2003
PICTURED CLIFFS, 2,513
Production Casing Cement, 8-2,690, 8/18/2003, CEMENTED W/ 220 SX 65/35 CLASS B POZ, TAILED W/ 90 SX CLASS B NEAT. CIRC 11 BBLS CMT TO SURFACE.
Cement Plug, 2,645-2,690, 8/18/2003
Production, 4 1/2in, 4.052in, 8 ftKB, 2,690 ftKB
PBTD, 2,690
TD, 2,720, 8/17/2003
Cement plug, 2,690-2,720, 8/18/2003
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Report Printed: 5/11/2012

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 102 Thompson

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) 564-7750.

3. The following modifications to your plugging program are to be made:

a) Place the Kirtland/Ojo Alamo plug from 965' – 827'.

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.