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

RECEIVED
DEC 0 [illegible] 2015
Farmington Field Office
Bureau of Land Management

5. Lease Serial No.
SF-078421

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.

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
McAdams A 1S

2. Name of Operator
Burlington Resources Oil & Gas Company LP

9. API Well No.
30-045-34357

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 D (NWNW), 910' FNL & 950' FWL, Sec. 20, T27N, R9W**

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			
☒ 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	☒ 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. The Pre-Disturbance Site Visit has not been held as this well is twinned with the McAdams 5 (3004506411), a producing well. Reclamation will be completed when the McAdams 5 has been P&A'd. A Closed Loop system will be used.

OIL CONS. DIV DIST. 3

DEC 14 2015

SEE ATTACHED FOR CONDITIONS OF APPROVAL

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

Notify NMOCD 24 hrs prior to beginning operations

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 12/3/15

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Jack Savage Title PE Date 12/10/15

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 FFO

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 RV

ConocoPhillips
MCADAMS A 1S
Expense - P&A

Lat 36° 33' 54.439" N **Long 107° 48' 59.774" W**

Prepared by: Kelsey Knackstedt **Date:** October 1, 2015

Twinned Location: Yes **Currently Surface Commingled:** No

Scope of Work: Plug and abandon the wellbore. Return the location to natural state.

Est. Rig Days: 4 **Area:** 21 **Route:** 158
Formation: FTC UPE

WELL DATA

API: 3004534357 **Spud Date:** 2/7/2008
LOCATION: 910' FNL & 950' FWL, Spot D, Section 20 -T 027N - R 009W

Artificial lift on well (type): None **Est. Reservoir Pressure :** 453 psia (UPE Coal)
MASP : 58 psig after ~1 year shut-in

Well Failure Date: November 1, 2014 **Last BH Pressure :** TSTM on 6/3/2015

H2S: **0 ppm ALWAYS VERIFY** **Well Class: 1** **Well Category: 1**
Refer to Well Control Manual for required barriers

Special Requirements:
This project requires the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up. One 4-1/2" cement retainer.

Contacts	Name	Office #	Cell #
Well Intervention Engineer	Kelsey Knackstedt	326-9529	320-4258
WI Backup Engineer	Jessica Simpson	324-6197	320-2596
PE Production Engineer	Kristin Weyand	326-9823	427-1796
MSO	Jai Rascon		215-7906
Spec	Dave Hadden		486-6844
Lead	Wilfred Jaramillo	326-9722	320-0385
Area Foreman	Jim Peace	324-5173	320-0210

Well History/Justification
The McAdams A 1S was drilled and completed as a Fruitland Coal producer in 2008. The only known workover was a tubing repair in 2009.

High compression costs have caused this well to struggle with profitability since 2012. In 2014 the wellhead compressor was removed and it was added to a "rotating compressor" pilot program, however, this program was unsuccessful as well. The well has reached its economic limit and it is recommended to permanently plug and abandon the wellbore. The well is on the inactive list, with a demand date of December 1, 2015.

Recommendation
It is recommended to permanently plug and abandon the wellbore and return the location to its natural state.

Wells Engineer Date: _____

Superintendent Date: _____

Engineering Supervisor Date: _____

ConocoPhillips
MCADAMS A 1S
Expense - P&A

Lat 36° 33' 54.439" N **Long 107° 48' 59.774" W**

PROCEDURE

NOTE:

This project requires 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 COP safety and environmental regulations. Test rig anchors prior to moving in rig.

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. **If there is pressure on the BH, contact the Wells Engineer.**

3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

4. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes per COP Well Control Manual. PU and remove tubing hanger.

5. TOOH with tubing (per pertinent data sheet).
Tubing size: 2-3/8" 4.7# J-55 EUE **Set Depth:** 2,225' **KB:** 11'

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 2,146'.

7. PU 4-1/2" CR on tubing, and set at 2,096'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

8. RU wireline and run CBL with 500 psi on casing from CR at 2,096' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

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 Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 - Fruitland Formation Top, Fruitland Perforations, 1886' - 2096', 20 Sacks Class B Cement
Mix 20 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland top and Fruitland perforations. PUH.

10. Plug 2 - Kirtland and Ojo Alamo Formation Tops, 1246' - 1525', 25 Sacks Class B Cement
Mix 26 sx Class B cement and spot a balanced plug inside the casing to cover the Kirtland and Ojo Alamo formation tops. POOH.

11. Plug 3 - Surface Formation Top, 0' - 185', 18 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, establish circulation out casing valve with water. Mix 18 sx Class B cement and spot balanced plug inside casing from 185' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI 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 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. RDMO.

ConocoPhillips

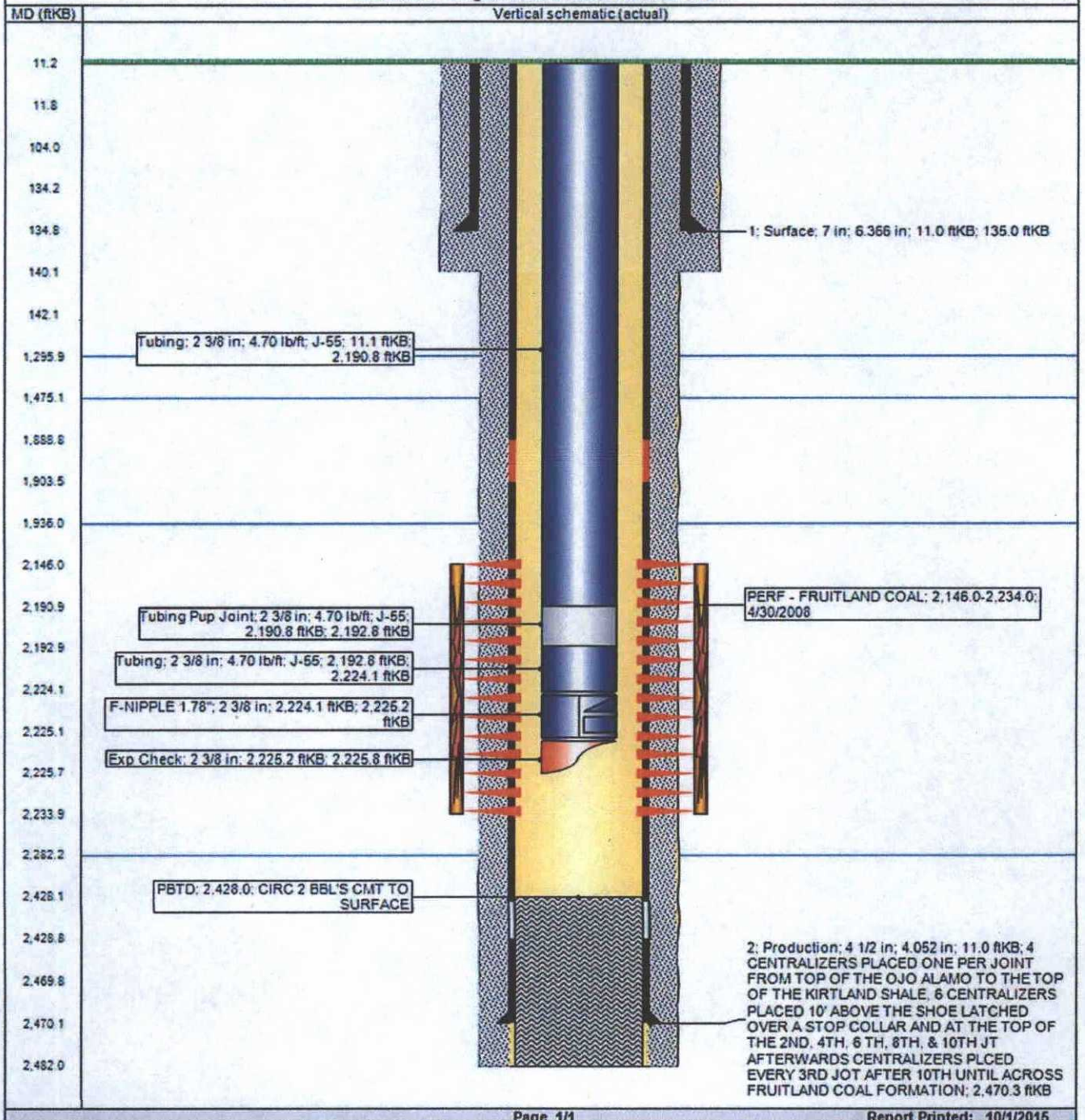
Basic- Schematic - Current

MCADAMS A #1S

District	Field Name	API / UWI	County	State/Province
SOUTH	BASIN FRUITLAND COAL	3004534357	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
2/7/2008	020-027N-009W-D	950.00	FWL	910.00	FNL

VERTICAL - Original Hole, 10/1/2015 9:28:13 AM



Report Printed: 10/1/2015

Basic- Pertinent Data Sheet

ConocoPhillips

Well Name: MCADAMS A #1S

API / UWI	Surface Legal Location	Field Name	License No.	State Province	Well Configuration Type
3004534367	020-027N-009W-D	BASIN FRUITLAND COAL		NEW MEXICO	VERTICAL

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,394.00	6,405.00	11.00		

Original Spud Date	Latitude (°)	Longitude (°)
2/7/2008	36° 33' 54.439" N	107° 48' 59.774" W

PBTDs

Depth (ftKB)	Com
2,428.0	CIRC 2 BBL'S CMT TO SURFACE

Formations

Formation Name	Final Top MD (ftKB)
Surface Casing	
OJO ALAMO	1,296.0
KIRTLAND	1,475.0
FRUITLAND	1,936.0
PICTURED CLIFFS	2,282.0
Total Depth	

Casing Strings

Casing Description	Run Date	Set Depth (ftKB)	Comment
Surface	2/7/2008	135.0	

Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Section Length (ft)
Casing Hanger	7	6.366	23.00	J-55	1	0.69
Casing Joints	7	6.366	23.00	J-55	4	122.59
Sawtooth Collar	7	6.366	23.00	J-55	1	0.72

Casing Description	Run Date	Set Depth (ftKB)	Comment
Production	2/26/2008	2,470.3	4 CENTRALIZERS PLACED ONE PER JOINT FROM TOP OF THE OJO ALAMO TO THE TOP OF THE KIRTLAND SHALE, 6 CENTRALIZERS PLACED 10' ABOVE THE SHOE LATCHED OVER A STOP COLLAR AND AT THE TOP OF THE 2ND, 4TH, 6 TH, 8TH, & 10TH JT AFTERWARDS CENTRALIZERS PLCED EVERY 3RD JOT AFTER 10TH UNTIL ACROSS FRUITLAND COAL FORMATION

Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Section Length (ft)
Casing Joints	4 1/2	4.052	10.50	J-55	45	1,877.77
Marker Joint	4 1/2	4.052	10.50	J-55	1	14.85
Casing Joints	4 1/2	4.052	10.50	J-55	13	524.58
Float Collar	4 1/2	4.052			1	0.60
Casing Joints	4 1/2	4.052	10.50	J-55	1	40.90
Shoe	4 1/2	4.052			1	0.60

Cement

Des	Start Date	End Date	Com
Surface Casing Cement	2/7/2008	2/7/2008	Cemented w/ 34 sx premix cmt. Circ 2 bbls to surface.
Production Casing Cement	2/26/2008	2/26/2008	Cemented w/ 191 sx cmt, tailed w/ 90 sx. Circ 38 bbls to surface.

Tubing - Production set at 2,225.8ftKB on 3/24/2009 12:30

Tubing Description	Run Date	Set Depth (ftKB)	Comment
Tubing - Production	3/24/2009	2,225.8	LAND TUBING AS FOLLOWS: (1) 2 3/8" EXPENDABLE CHECK (1) 2 3/8" X 1.78 F-NIPPLE (1.10') (1) JT 2 3/8" 4.7# J-55 TBG. (31.30') (1) 2 3/8" X 2', PUP JOINT. (70) JTS 2 3/8" 4.7# J-55 TBG. (2179.70') EOT @ 2226' F-NIPPLE @ 2225 ' PBTD @ 2428'

Item Des	OD Nominal (in)	Nominal ID (in)	Wt (lb/ft)	Grade	Jts	Len (ft)
Tubing	2 3/8	1.995	4.70	J-55	70	2,179.71
Tubing Pup Joint	2 3/8	1.995	4.70	J-55	1	2.00
Tubing	2 3/8	1.995	4.70	J-55	1	31.30
F-NIPPLE 1.78"	2 3/8	1.780			1	1.10
Exp Check	2 3/8	1.780			1	0.60

Perforations

Date	Top (ftKB)	Btm (ftKB)	Zone	Com
4/30/2008	2,146.0	2,234.0	BASIN::FRUITLAND COAL, Original Hole	PERFORATE FRUITLAND COAL ZONE: 2,146' TO 2,160' (28 PERFS), 2,176' TO 2,184' (16 PERFS), 2,210' TO 2,218' (16 PERFS) AND 2,225' TO 2,234' (18 PERFS) WITH 2 SPF. SHOT TOTAL OF 78 - .34 DIAMETER HOLES. PERFORATING GUNS: 3 1/8" HSC SF PP 120 DEGREE PHASE 12 GRAM TITAN PPG-3112-321T CHARGES .34" DIAMETER PERFORATIONS. CORRELATED TO GR/CCL LOG DATED 3-7-08.

Report Printed: 10/1/2015

Basic- Pertinent Data Sheet

ConocoPhillips

Well Name: MCADAMS A #1S

API / UWI	Surface Legal Location	Field Name	License No	State Province	Well Configuration Type
3004534357	020-027N-009W-D	BASIN FRUITLAND COAL		NEW MEXICO	VERTICAL

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,394.00	6,405.00	11.00		

Stimulations & Treatments

Hydraulic Fracture on 5/23/2008 15:54

Type	Zone	Comment
Hydraulic Fracture	BASIN::FRUITLAND COAL, Original Hole	FRAC FRUITLAND COAL. FORMATION BROKE DOWN 2186 PSI @ 3 BPM. BULLHEAD 12 BBLS 9% FORMIC ACID IN FRONT OF FRAC. PUMPED 2000 GAL 25# X-LINK PRE-PAD FOLLOWED BY 39,354 GAL 25# LINEAR 75% N2 FOAM W/ 120,000# 20/40 BRADY SAND AND 1,657,500 SCF N2. MAX PSI 4090, MIN PSI 2780, AVG PSI 2857. MAX RATE 55 BPM, MIN RATE 17 BPM, AVG RATE 53 BPM. ISIP 1523.

Logs

Date	Type
3/7/2008	GR & CCL

Report Printed: 10/1/2015

Proposed Schematic

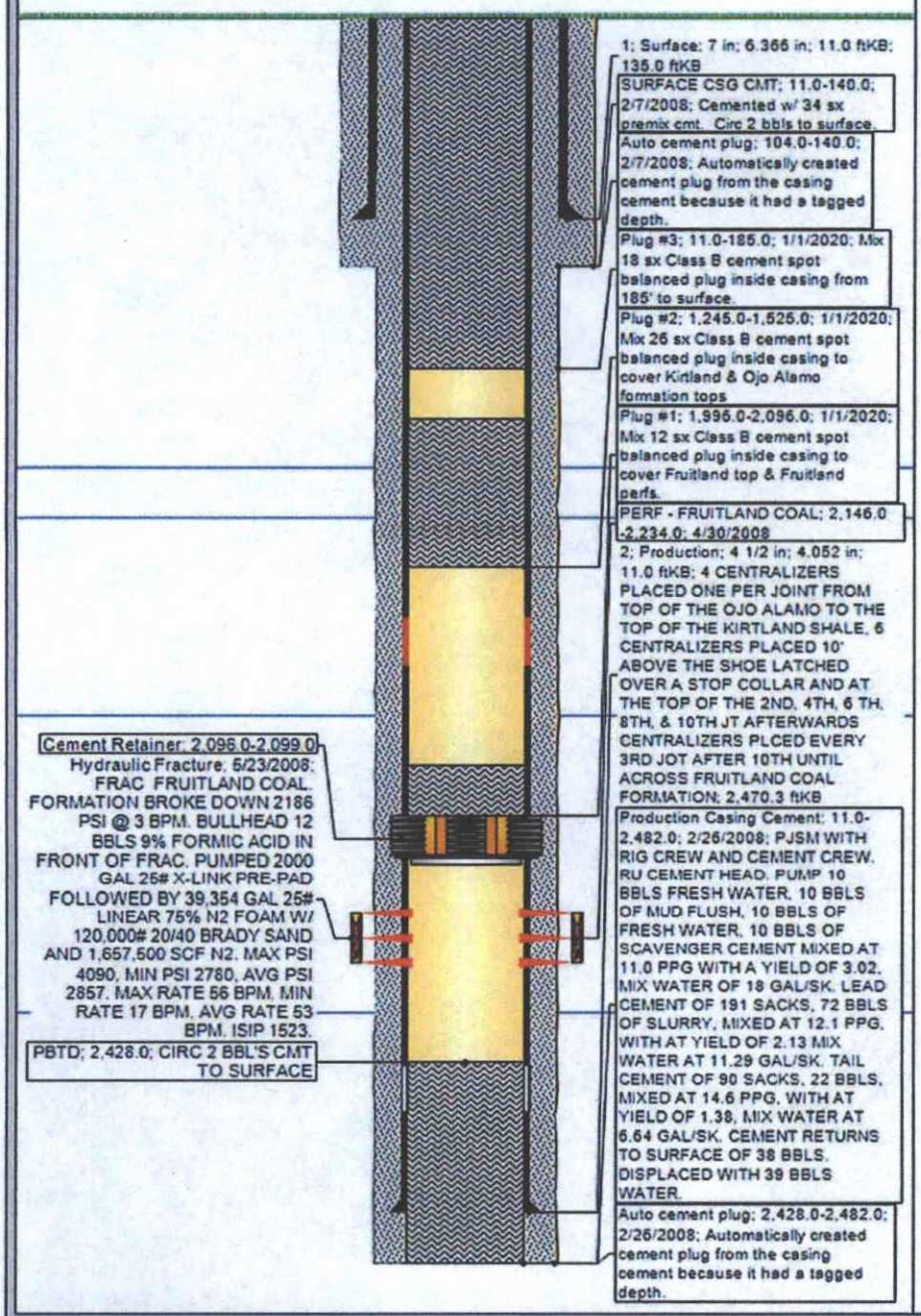
ConocoPhillips

Well Name: MCADAMS A #1S

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004534357	020-027N-009W-D	BASIN FRUITLAND COAL		NEW MEXICO	VERTICAL

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,394.00	6,405.00	11.00		

VERTICAL - Original Hole, 1/1/2020



MD (ftKB)	Formation Tops
11.2	
11.8	
104.0	
134.2	
134.8	
140.1	
142.1	
185.0	
1,245.1	
1,295.9	OJO ALAMO
1,475.1	KIRTLAND
1,524.9	
1,888.8	
1,903.5	
1,936.0	FRUITLAND
1,996.1	
2,096.1	
2,099.1	
2,146.0	
2,233.9	
2,282.2	PICTURED CLIFFS
2,428.1	
2,428.8	
2,469.8	
2,470.1	
2,482.0	

Report Printed: 10/5/2015

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: McAdams A #1S

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) Bring the top of Plug #2 to 1221 ft. to cover the top of the Ojo Alamo. BLM picks top of Ojo Alamo at 1271 ft. Adjust cement volume accordingly.

Operator will run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov tsalyers@blm.gov Brandon.Powell@state.nm.us

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.