

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised August 1, 2011

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-00610 ✓
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ConocoPhillips Company ✓		6. State Oil & Gas Lease No. Federal lease # NMLC029509A
3. Address of Operator P. O. Box 51810 Midland, TX 79710		7. Lease Name or Unit Agreement Name MCA Unit ✓
4. Well Location Unit Letter L : 1980 feet from the South line and 660 feet from the West line Section 21 Township 17S Range 32E NMPM County Lea ✓		8. Well Number 067 ✓
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 217817
		10. Pool name or Wildcat Maljamar

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:
REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ConocoPhillips Company would like to fix possible tbg/pkr leak.
Attached are procedures

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rhonda Rogers TITLE Staff Regulatory Technician DATE 02/08/2016

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: (432)688-9174

For State Use Only

APPROVED BY: [Signature] TITLE Petroleum Engineer DATE 02/09/16

Conditions of Approval (if any):

FEB 15 2016

CY

Project Scope

Justification and Background:

The purpose of this project is to **fix a suspected tubing or packer leak**

Note: Poly lined tbg

Perforations

Type	Formation	Top	Bottom
Perforations	Grayburg	3646'	3811'
Perforations	San Andreas	3824'	3829'
TD		4233'	

Well Service Procedure:

1. Notify foreman Kile Wright, that you will be rigging up on the well, have him sign off.
2. Move in wireline. Review JSA prior to rigging up on well.
3. Rig up and make a dummy run to profile nipple @ 3579ft. pull out of hole with tools
4. Run back in and set 1.71 profile nipple.
5. Rig up pump truck to tubing and pressure test tubing/ plug to 500 psi.
 - If it fails. Retrieve plug and rig down wireline.
 - If casing/packer test passed and it has been identified that the tubing or on/off tool could be leaking, leave plug in profile nipple and rig down wireline.
6. Move in rig, review JSA prior to rig up on well. nipple down well head, nipple up BOP.
 - If tubing test failed but casing test passed, get off on/off tool and come out of hole scanning tubing; give the result of the scan to the production engineering tech.
 - We will replace any bad tubing with inventory from CTB yard.
 - If the tubing tested ok and the packer/casing test failed, come out of hole with tubing, on/off tool and packer.
7. Scan tubing coming out of hole & stand injection tubing.
8. Move in work string and tally, TIH with scrapper and tubing to 3603 ft (top of tubing fish). Come out of hole with tubing and scrapper.
9. TIH with RBP, packer and tubing. Set RBP at 3600 ft., pull up one joint and set packer.
10. Rig up pump truck to tubing and pressure test RBP/tubing to 500 psi.
11. If test passed rig up pump truck to casing and pressure test packer/casing to 500 psi
 - If casing/packer test fails, come up hole, isolate leak and get an injection rate.
 Notify production engineer
12. If casing/packer test passes, run in hole and retrieve RBP. Come out of hole with tubing packer & RBP
13. **Run in hole with the following top to bottom**
 - 1- 2 3/8 on/off tool with WX nipple profile (1.875") SS
 - 1- 2 3/8 x 5.5" weatherford arrowset1X retrievable packer for 5.5" (17#) casing. NP
 - 1- 2 3/8X4' tubing sub
 - 1- 2 3/8 XN nipple with 1.875" SS profile with wireline no go plug
 - 1- 2 3/8 Re-entry guided.
14. **Land and set bottom of injection packer at 3560 ft. come out of hole**
15. Run in hole with top on/off tool and injection tubing, get on/off tool.
16. Rig up pump truck to tubing and pressure test tubing to 500psi.
17. If it passes, rig up pump truck to casing and pressure test casing/packer to 500 psi.
18. If test passes, get off on/off tool and circulate packer fluid to surface

Project Scope

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10. Rig up pump truck to tubing and pressure test RBP/tubing to 500 psi.
11. If test passed rig up pump truck to casing and pressure test packer/casing to 500 psi
 - If casing/packer test fails, come up hole, isolate leak and get an injection rate.Notify production engineer
12. If casing/packer test passes, run in hole and retrieve RBP. Come out of hole with tubing packer & RBP
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 - 1- 2 3/8 Re-entry guided.
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15. Run in hole with top on/off tool and injection tubing, get on/off tool.
16. Rig up pump truck to tubing and pressure test tubing to 500psi.
17. If it passes, rig up pump truck to casing and pressure test casing/packer to 500 psi.
18. If test passes, get off on/off tool and circulate packer fluid to surface

MCA Unit 067
API# 30-025-00610

19. Nipple down BOP, Nipple up well head, rig pump truck and chart recorder with 1000 psi chart. Pressure test casing 500 psi for 35 mins.

Notification needs to be given to the BLM to witness this test if we had a casing issue and needed to make repairs. If the well had equipment failure issues, exp. Tubing, packer or on/off tool failure the NMOCD needs to be notified to witness the test.

20. Give chart to production eng tech
21. Move in & rig up E-line services and run in hole and retrieve plug. Pull out of hole with plug. Rig down E-line service.
22. Rig up pump truck to tubing and establish a flow rate down the tubing. Give result to production engineer.

Use of Form 3160-5 "Sundry Notices and Reports on Wells"

§ 43 CFR 3162.3-2 Subsequent Well Operations.

a) A proposal for further well operations shall be submitted by the operator on Form 3160-5 for approval by the authorized officer prior to commencing operations to redrill, deepen, perform casing repairs, plug-back, alter casing, perform nonroutine fracturing jobs, recompleting in a different interval, perform water shut off, commingling production between intervals and/or conversion to injection. If there is additional surface disturbance, the proposal shall include a surface use plan of operations. A subsequent report on these operations also will be filed on Form 3160-5. The authorized officer may prescribe that each proposal contain all or a portion of the information set forth in §3162.3-1 of this title.

(b) Unless additional surface disturbance is involved and if the operations conform to the standard of prudent operating practice, prior approval is not required for routine fracturing or acidizing jobs, or recompleting in the same interval; however, a subsequent report on these operations must be filed on Form 3160-5.

(c) No prior approval or a subsequent report is required for well cleanout work, routine well maintenance, or bottom hole pressure surveys.

[47 FR 47765, Oct. 27, 1982. Redesignated and amended at 48 FR 36583-36586, Aug. 12, 1983, further amended at 52 FR 5391, Feb. 20, 1987; 53 FR 17363, May 16, 1988; 53 FR 22847, June 17, 1988]

§ 43 CFR 3160.0-9 (c)(1) Information collection.

(c)(1) The information collection requirements contained in part 3160 have been approved by the Office of Management and Budget under 44 U.S.C. 3507 and assigned the following Clearance Numbers:

Operating Forms

Form No.	Name and filing date	OMB No.
3160-3	Application for Permit to Drill, Deepen, or Plug Back - Filed 30 days prior to planned action	1004-0136
3160-4	Well Completion or Recompletion Report and Log Tops - Due 30 days after well completion	1004-0137
3160-5	Sundry Notice and Reports on Wells - Subsequent report due 30 days after operations completed	1004-0135

The information will be used to manage Federal and Indian oil and gas leases. It will be used to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases. Response is mandatory only if the operator elects to initiate drilling, completion, or subsequent operations on an oil and gas well, in accordance with 30 U.S.C. 181 *et seq.*

§ 3162.4-1 (c) Well records and reports.

Not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed.

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

Section. 5 of the Standard Oil and Gas Lease Form (Form 3100-11) which is signed off by all record of Lessee and all operators with operating rights covers the requirements of documentation, evidence, and inspections. In-other-words as operator you have already signed off that you are aware of you requirements and obligations.

Submit all APD, Sundries, & Completion Reports electronically (i.e. forms 3160-3; 3160-4; 3160-5) via BLM's Well Information System (WIS); <https://www.blm.gov/wispermits/wis/SP> .

To request a user account for WIS, contact the AFMSS Program Manager, Paul Brown.

WIS (Explanations for Users) Contact: Larson, Caroline K, clarson@blm.gov, 303-236-0885

OR Paul Brown, pbrown@blm.gov, 303-236-3508, 303-236-8586, 303-236-3516, or fax 303-236-6691

A normal sequence of well permitting and reporting:

Form 3160-3 Application for Permit to Drill, Deepen, or Plug Back (APD)

Form 3160-5 subsequent reports of drilling activities

Form 3160-5 notice of intent (NOI) to complete the well

Form 3160-5 subsequent report(s) of the well's completion

Form 3160-4 Well Completion or Recompletion Report. List Top of Salt and all Formation Tops, etc.

Form 3160-5 Notice of first production or injection

Form 3160-5 notice of intent (NOI) for activities listed in § 43 CFR 3162.3-2 (a).

NOTE: Unit wellbores require proposed NOI activities to be listed on the current year's Unit Plan of Development prior to BLM approval.

Form 3160-5 subsequent report(s) of activities that require no approved NOI sundry and those that have an approved NOI sundry.

The APD and NOIs require BLM approval prior to workover activities. Some well operations require only a Subsequent Report. The page 1 text has language that generally describes these situations. Wells with packers require a Subsequent Report of activities and an MIT whenever the tubing/casing annulus has been opened. Subsequent Well Operations ¶ 43 CFR 3162.3-2 a) above lists most situations that require a Form 3160-5 NOI approval, the followup Form 3160-5 subsequent report, and another Form 3160-4 Recompletion Report. Reentry into a well that has a status of Plugged and Abandoned requires another APD approval from BLM.

Some supplemental explanation(s):

The Form 3160-5 is the workhorse form used during the useful life of the wellbore and has a dual purpose:

1st as a Notice of Intent requesting BLM approval for drilling status changes other than what was approved by the Application for Permit to Drill or Reenter - Form 3160-3

2nd – a followup Subsequent Report for A) BLM (APD or NOI) approved work that was done, and B) routine maintenance.

Conditions of Approval attached to APD or Notice of Intent sundry approvals are BLM regulations that apply to that specific wellbore for the life of that wellbore. Orders of an Authorized Officer attached to a subsequent sundry are BLM regulations that apply to that specific wellbore for the life of that wellbore.

Use Form 3160-5 for an approved APD Drilling Subsequent Report. At a minimum it should include:

The date and results of significant drilling steps (Spud, TD for each hole size, casing ran, cementing, ect.).

List the activity date at the beginning of a line for each day's operation description.

The start date of each hole with the bit size, the date that bit reached TD and the total depth drilled.

Casing outside diameters, casing grade, wt/ft, coupling description(s) and total length in feet of each size(s) ran in each drilled hole size. For split casing strings list the order ran and total lengths of the different sizes, grades, wt/ft, or couplings of each string length.

The cement volumes (lead and tail) in sacks with the cement class and yield/sack pumped.

The setting depths of DV Tools and cement volumes (lead, tail, and stages) in sacks with the cement class and yield/sack for each stage pumped.

The description(s) of any logs ran.

List cement tops and how detected (CBL/Temperature).

Submit Form 3160-5 for Notice of Intent (NOI) Workover Approval.

A proposal for further well operations shall be submitted by the operator on Form 3160–5 for approval by the authorized officer prior to commencing operations to redrill, deepen, perform casing repairs, plug-back, alter casing, perform nonroutine fracturing jobs (including Step Rate Tests to determine frac pressure), recompleat in a different interval, perform water shut off, commingling production between intervals and/or conversion to injection. If there is additional surface disturbance, the proposal shall include a surface use plan of operations.

For Casing Repair, Replacement, or Liners Include: Outside diameters, casing grade, wt/ft, coupling description(s) and total length in feet of each size(s) to be ran. For split casing strings list the order ran and total lengths of the different sizes, grades, wt/ft, or couplings of each length. The cement volumes (lead and tail) in sacks with the cement class and yield/sack to be pumped to set liners or squeeze off casing leaks. The setting depths of any DV Tools to be used and cement volumes (lead, tail, and stages) in sacks with the cement class and yield/sack to be pumped.

A subsequent report for operations that require NOI approval also will be submitted on Form 3160–5.

NOTE: Repair to lift (pumps, tubing, or packers), repair to injection equipment inside the long string, cleaning out fill, or adding perforations within the well's current production interval require a subsequent report, **but do not require a NOI.**

At a minimum a subsequent report should include:

List the activity date at the beginning of a line for each day's operation description.

Outside diameters, grade, wt/ft, coupling description(s) and total length in feet of each casing installed. For split casing strings list the order ran and total lengths of the different sizes, grades, wt/ft, or couplings of each length.

The cement volumes (lead and tail) in sacks with the cement class and yield/sack pumped to set liners, plugs, or to squeeze off casing leaks.

The setting depths of any DV Tools.

The cement volumes (lead, tail, and stages) in sacks including the cement class and yield/sack pumped.

The setting depths of cement plugs and the depths of verification tags (with tubing) of mechanical and/or cement plugs.

Include charted recordings of all BLM requested Casing Integrity and Mechanical Integrity Tests. They are not the same

The description(s) of any logs ran.

List cement tops and how detected (CBL/Temperature).

Formation stimulation operations –

Stimulation pressures are not to exceed BLM's permitted wellhead pressure or the well's frac pressure established by a BLM approved step rate test for Class II water injection wells.

Include the stimulation fluid and flush volumes, maximum/minimum injection rate (BPM) and max/min stimulation injection pressures (psig).