

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

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.

5. Lease Serial No.
NMNM-0448921-A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Impetro Operating LLC

3a. Address
300 E. Sonterra Blvd., Suite 1220
San Antonio, TX 78258

3b. Phone No. (include area code)
210-999-5400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FNL & 1980' FWL, Section 21, T-26-S, R-35-E, N.M.P.M.

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

8. Well Name and No.
Mexico "P" Federal #1

9. API Well No.
30-025-22405

10. Field and Pool or Exploratory Area
Wildcat JAGALINA; WC, SW (96776)

11. County or Parish, State
Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

See attached procedure and wellbore diagram.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Debbie Cherry

Title Reg. Asst.

Signature

Debbie Cherry

Date 05/15/2015

Account _____ Add New Well _____
Cancel Well _____ Add Pool _____
E-PERMITTING -- New Well _____
Comp _____ P&A _____ TA _____
CSNG _____ Loc Chng _____
ReComp _____ Add New Well _____

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

(Instructions on page 2)

JUN 09 2015

Recompletion Procedure

Mexico P Federal #1

Wildcat Field
Lea County, NM
Wolfcamp
5/8/2015

Objective: PA Strawn perforations. Re-complete well with one stage in the Wolfcamp.

<u>Well Parameters</u>	<u>Treatment Parameters</u>		
AFE: -	Total Stages:	1	
	Water Req'd:	6,099	bbls.
	Treatment Rate:	60	BPM

1. MIRU workover rig.
2. ND wellhead and NU BOP.
3. Release packer and POOH with tubing and packer. If packer releases proceed to **"Packer Releases Scenario"**. If packer does not release proceed to **"Packer Fails to Release Senario"**

Packer Releases Scenario

4. RU wireline unit. RIH with bailer and dump 35' of cement on top of CIBP at 15,420'
5. RIH and set CIBP at 14,100'
6. RIH with wireline bailer and dump 35' of cement on top of CIBP at 14,100'
Proceed to **"Completion"**

Packer Fails to Release Scenario

4. Pump 35' of cement down tubing on top of CIBP at 15,420'
5. RIH and jet cut tubing 2' above packer at 14,063'. Cut at 14,061'.
6. RIH and set CIBP at 14,060'
7. RU WL Unit. RIH with bailer and dump 35' of cement on top of CIBP at 14,060'.
Proceed to **"Completion"**

Completion

8. RIH with wireline and guns. Perf from 13,800' to 13,950'.
9. RIH with wireline and guns. Perf second set from 13,660' to 13,690'.
10. RDMO workover rig
11. MIRU Frac crew
12. Frac perf'd intervals as follows.
HCL: 2,000 gals if needed.
13. Fresh Water: 6,100 bbls.
Proppant: 250,000 lbs.
14. RDMO wireline and frac crew.
15. MIRU flowback crew. Begin flowing back well.

Conditions of Approval

Sundry dated May 15, 2015

Impetro Operating

Mexico "P" Federal #1 - 01

API 3002522405, T26S-R35E, Sec 21

May 22, 2015

1. Due to being within the Lesser Prairie Chicken habitat, this workover activity will be restricted to the hours of 9:00am through 3:00am for the period of March 1 through June 15. Exceptions to these restrictions may be granted by BLM's Johnny Chopp <jchopp@blm.gov> 575.234.2227 or Bob Ballard <bballard@blm.gov> 575.234.5973.
2. Notify BLM 575-393-3612 Hobbs BLM office Lea Co as work begins. Some procedures are to be witnessed. Leave a voice mail with the API#, workover purpose, and a call back phone number. Note the contact, time, & date in your subsequent report.
3. Surface disturbance beyond the existing pad must have prior approval.
4. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
5. Functional H₂S monitoring equipment shall be on location.
6. 5000 (5M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
7. **Operator procedure- Packer Releases – once you spot 35 feet of class "H" cement – Wait on cement and tag plug – provide adequate notice to BLM to be able to witness tag.**
8. **Packer Releases - continue to set CIBP at 14,100' and spot 35' of cement on top. Wait on cement and Tag cement - provide adequate notice to BLM to be able to witness tag.**
9. **Packer Releases - Continue to set CIBP at 14,100 as per procedure**

10. **Operator procedure- Packer Fails to Release – Notify BLM. – pump down tubing as per procedure to spot 35 feet of class "H" cement on top of CIBP at 15,420' – Wait on cement and tag plug DO NOT jet cut tubing until you are able to confirm top and BLM is able to witness; – provide adequate notice to BLM to be able to witness tag.**
11. **Packer Fails to Release - If unable to provide adequate top of cement tag, on top of CIBP at 15,420; Operator shall pump the entire volume of cement to fill the casing from the Top of CIBP at 15,420 to the packer set at 14,063'.**
12. **Packer Fails to Release Now continue to RIH and jet cut tubing as per procedure.**
13. **Packer Fails to Release - continue to set CIBP at 14,060 as per procedure.**
14. **Continue to spot 35' of cement on top of CIBP at 14,060' or 14,100' Wait on cement and Tag cement - provide adequate notice to BLM to be able to witness tag**
15. **After setting the top plug and before perforating, perform a charted casing integrity test of 500 psig minimum. Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 25 to 85 per cent of its full range. Verify all annular casing vents are plumbed to the surface and open during this pressure test. Call BLM 575-393-3612 and arrange for a BLM witness of that pressure test.** Include a copy of the chart in the subsequent sundry for this workover.
16. **Continue on to your completion procedure for the Wolfcamp.**
17. **All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
18. **Class H > 7500ft & C < 7500ft) cement plugs(s) will be necessary. The minimum pumped volume of 25 sacks of cement slurry is to exceed a 100ft cement plug across the drilled wellbore. Add 10% to the 100ft slurry volume for each 1000ft of plug depth. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Formation isolation plugs of Class "C" to be mixed 14.8#/gal, 1.32 ft³/sx, 6.3gal/sx water and "H" to be mixed 15.6#/gal, 1.18ft³/sx, 5.2gal/sx water.**
19. **Minimum requirement for mud placed between plugs is 25 sacks of salt water gel per 100 barrels in 9 lb/gal brine.**

20. File intermediate **subsequent sundry** Form 3160-5 within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.
21. Submit the BLM Form 3160-4 **Recompletion Report** within 30 days of the date all BLM approved procedures are complete.
22. Workover approval is good for 100 days (completion to be within 100 days of approval). A legitimate request is necessary for extension of that date.

Access information for **use of Form 3160-5** "Sundry Notices and Reports on Wells"
NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

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

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

EGF 052215