OCD Hobbs

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS JAN 07 2014

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 reverse side. RECEIVED

5. Lease Serial No.
NMLC058395

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8920003410

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

8. Well Name and No.
MCA UNIT 510

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: SUSAN MAUNDER
E-Mail: Susan.B.Maunder@conocophillips.com

9. API Well No.
30-025-41396-00-X1

3a. Address
3300 N "A" ST BLDG 6
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 281-206-5281
Fx: 281-206-5745

10. Field and Pool, or Exploratory
MALJAMAR

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 22 T17S R32E NESE 2055FSL 1310FEL
32.485273 N Lat, 103.445979 W Lon

11. County or Parish, and State
LEA COUNTY, NM

12. CHECK 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
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original A PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

ConocoPhillips Company respectfully requests approval to change the approved plan for this well. While drilling this well the decision was made to use a contingent cementing plan that ConocoPhillips was prepared to use on prior wells, with BLM approval. This well and the plan to run a two-stage cement job was discussed with Chris Walls.

Please see the attached document titled MCA Unit 510, Justification and Proposed Change.

Thank you for your time in reviewing this request.

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

Electronic Submission #226820 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Hobbs
Committed to AFMSS for processing by JOHNNY DICKERSON on 11/19/2013 (14JLD0813SE)

Name *(Printed/Typed)* SUSAN MAUNDER — Title SENIOR REGULATORY SPECIALIST

Signature (Electronic Submission) — Date 11/14/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — JAMES A AMOS — Title SUPERVISORY EPS — Date 12/28/2013

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 Hobbs

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

JAN 08 2014

MCA Unit 510
Justification and Proposed Change
11/13/13

Justification for Proposed Change:

ConocoPhillips respectfully request revision to provide additional contingency option to the Production Casing and Cementing Program if brine flow occurs in the salt. The intention is to isolate water flows from Salado down to the Grayburg above the top of the perfs, if prior to casing and cementing, well is still flowing at rates such that the use of a stage tool and annulus casing packer(s) to isolate the water flow becomes necessary.

Proposed Change:

5-1/2" Production Casing Cementing Program – Two-Stage Contingency Cementing Option:

We propose revisions to the two-stage contingency cementing program are as follows:

- Position a Stage Tool at 970' MD, or approximately 50' below the surface casing shoe, and Annulus Casing Packer (upper) immediately below the Stage Tool.

Note: This is to provide isolation immediately below the surface casing shoe to allow placement during 2nd stage of good uncontaminated 14.8 ppg cement in casing-casing annulus.

- Position one more Annulus Casing Packer (lower) above the top of perfs at 3,800' MD.
- Pump the 1st Stage cement from the production casing shoe to surface.

Spacer: 20 bbls Fresh Water

Stage 1 - Slurry		Intervals Ft MD		Weight ppg	Sx	Vol bbl	Additives	Yield ft^3/sx
Lead	C Gas Tight Slurry	Surface	3000'	11.5	450	259	Class C 94 lb/sx 6% Extender 10% Gas Migration Control 2% Sodium Metasilicate (dry) 1% Cement Bonding Agent 3% Aluminum Silicate 0.125 lb/sx Cello Flake 3 lb/sx LCM-1	3.23
Tail	Poz/C Gas Tight Slurry	3000'	4,290' - 4,335'	14.0	320	78	(35:65) Poz:C 33 lb/sx 1% Sodium Metasilicate (dry) 1.5% Fluid Loss Control,	1.37

- Drop the wiper plug and displace 1st stage cement with 61 bbl FW and 40 bbl of 14.8 ppg Spacer. Bump the wiper plug.
- Note and report the excess cement return to surface. Weigh cement returns with pressurized mud scale to ensure cement is uncontaminated with brine from flow zones. Keep the measured cement returns sample.
- Pressures up to inflate the upper Annulus Casing Packer and then pressure up more to inflate lower Annulus Casing Packer (slightly higher pin settings).
- Observe displacement and confirm inflation of Annulus Casing Packers.

- Monitor the well to observe if the well is static and the Packers have isolated the flow to surface.
- If lead cement on 1st stage returns are uncontaminated and the well is static drop the cancelation plug and disable the Stage Tool.
- If the 1st stage cement indicated brine-cut contamination or flow was observed after inflation of the ACPs, then proceed with further contingency below:
    - Drop an opening bomb to open the Stage Tool, and proceed with the 2nd stage cement job out the annulus above the upper ACP through the Stage Tool. Note and Record the amount of cement circulated to surface.
    - Begin 2nd stage cement.

Spacer: Remaining 14.8 ppg Ultra Flush in cementing lines from the 40 bbl 1st stage displacement.

Stage 2 - Slurry		Intervals Ft MD		Weight ppg	Sx	Vol bbl	Additives	Yield ft^3/sx
Tail	Class C	Surface	Stage Tool ~970'	14.8	250	60	Class C 94 lb/sx 1% CaCl2	1.335

- Drop the closing plug and displace 2nd stage cement with 23 bbl FW. Bump the closing plug.
- Pressure up to close the Stage Tool.
- Observe and report if there was excess cement return to surface.
- Wash/Rinse wellhead and BOP stack with sugar water thru kill line. Close all outlet valves and fill the wellhead and BOP stack with sugar water.
- Close annular BOP for 3 hours until cement reaches 100 psi compressive strength.
- Bleed pressures off and check for flow and verify zero pressure at surface.

Proposal for Option to Adjust Production Casing Cement Volumes:

Additionally, if no caliper log is available, we would propose an option to possibly increase the production casing cement volume to ensure additional excess cement for cement returns to surface.