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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 10 2016

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

5. Lease Serial No.

SF-078387-A

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.

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other

2. Name of Operator

ConocoPhillips Company

3a. Address

PO Box 4289, Farmington, NM 87499

3b. Phone No. (include area code)

(505) 326-9700

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

8. Well Name and No.

Kernaghan B 4A

9. API Well No.

30-045-22422

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit P (SESE), 830' FSL & 890' FEL, Sec. 30, T31N, R8W

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			
<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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Mechanical
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Integrity Test
	<input type="checkbox"/> Convert to Injection	<input 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 recompleat 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 recompleat 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.)

ConocoPhillips proposes to conduct a Mechanical Integrity on this T/A well per the attached procedure.

OIL CONS. DIV DIST. 3
NOV 16 2016Notify NMOCD 24 hrs
prior to beginning
operations

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

Kelly G. Roberts

Title Regulatory Technician

Signature

Kelly G. Roberts

Date

11/10/16

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

AG / Madani

Title

PE

Date

11/10/16

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 AV

ConocoPhillips
KERNAGHAN B 4A
Expense - MIT

Lat 36° 51' 51.052" N

Long 107° 42' 36.216" W

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Notify BLM and NMOCD and get witnesses on location for test if necessary. Ensure casing does not have pressure.
2. Load casing with 2% KCl water & corrosion inhibitor, as necessary. Record volume to load casing in WellView. Perform mechanical integrity test (MIT) above the top of cement at 4,700' to 560 psig for 30 minutes on a 2 hour chart with 1000 lb. spring. If the test passes, SI the well. RD pump truck and MOL. If the test fails, contact the Rig Superintendent and Wells Engineer.



Schematic - Current

KERNAGHAN B #4A

District NORTH	Field Name PARTNER OPERATED	API / UWI 3004622422	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 9/11/1977	Surface Legal Location 030-031N-008W-P	East/West Distance (ft) 890.00	East/West Reference FEL	North/South Distance (ft) 830.00
North/South Reference FSL				

Sidetrack 1, 10/25/2016 3:39:40 PM

MD (ftKB)	Vertical schematic (actual)	Formation Tops
14.1	<p>Cement Squeeze; 14.0-180.0; 9/24/1977; Pumped 100 sxs cement down backside of 9 5/8" csg. Est. BOC @ 180'</p> <p>Casing; Surface; 9 5/8 in; 32.30 lb/ft; H-40; 14.0 ftKB; 234.0 ftKB</p> <p>Surface Casing Cement; 14.0-234.0; 9/11/1977; Cemented w/ 250 sxs Class B cement. Circ 6 bbls to surface.</p>	NACIMIENTO
180.1		
232.9		
233.9		
240.2		
640.1		
1,700.1		
2,241.1		
2,245.1		
2,350.1		
2,715.9	<p>Cement Squeeze; 2,241.0-2,830.0; 9/24/1977; Squeezed w/ 150 sxs cement. TOC calc 50% eff due to wet zone.</p> <p>Liner hanger @ 2716</p> <p>SQUEEZE PERFS; 2,830.0; 9/24/1977</p>	OJO ALAMO
2,729.0		
2,830.1		
2,913.1		
2,919.9		
3,247.0		
3,301.8		
3,327.1		
3,443.6		
3,444.6		
3,500.0	<p>Intermediate Casing Cement; 1,700.0-3,530.0; 9/18/1977; Cemented w/ 165 sxs Class B cement. TOC @ 1700' by TS.</p> <p>Casing; Intermediate1; 7 in; 20.00 lb/ft; H-40; 14.0 ftKB; 3,530.0 ftKB</p> <p>SQUEEZE PERFS; 3,500.0-3,502.0; 9/24/1977</p>	KIRTLAND
3,502.0		
3,528.9		
3,529.9		
3,560.0		
3,970.1		
3,987.9		
4,414.0		
4,700.1		
5,003.0		
5,004.9	<p>Cement Plug; 4,700.0-5,003.0; 12/2/2011; PLUG #1, 5003' TO 4700'; W/23 SX CLASS B CMT @ 15.4 PPG.</p> <p>Cement Retainer; 5,003.0-5,005.0; SET FOR TA</p> <p>PERF - CLIFF HOUSE MASSIVE; 5,056.0-5,378.0; 3/24/1978</p>	CHACRA
5,056.1		
5,077.1		
5,139.1		
5,378.0		
5,471.1		
5,503.9		
5,849.1		
5,865.2		
5,919.3		
5,919.9	<p>Casing; Production1; 4 1/2 in; 10.50 lb/ft; K-55; 2,716.0 ftKB; 5,936.0 ftKB</p> <p>Auto cement plug; 5,920.0-5,936.0; 10/9/1977; Automatically created cement plug from the casing cement because it had a tagged depth.</p> <p>Production Casing Cement; 3,970.0- 5,936.0; 10/9/1977; Cemented w/ 320 sxs Class B cement. BP est TOC @ 3970' (GBL 1997)</p> <p>PERF - POINT LOOKOUT; 5,504.0- 5,849.0; 3/24/1978</p> <p>Fill; 5,865.0-5,920.0; Tag fill @ 5865' Aug 2010</p>	MESAVERDE
5,920.3		
5,935.0		
5,936.0		