Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FEB 07 2014

Farmington Field
Bureau of Land Management

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

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 109385

6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Lybrook H01-2206 01H

2. Name of Operator
Encana Oil & Gas (USA) Inc.

9. API Well No.
30-043-21122

3a. Address
370 17th Street, Suite 1700
Denver CO, 80202

3b. Phone No. *(include area code)*
720-876-3437

10. Field and Pool or Exploratory Area
Lybrook Gallup

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SHL: 2323' FNL and 497' FEL, Section 1, T22N R6W
BHL: 2080' FNL and 330' FWL, Section 1, T22N R6W

11. Country or Parish, State
Sandoval, NM

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.)

Please see attached sheet detailing plugback operations conducted between 2/2/14 and 2/13/14.

RCVD APR 8 '14
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD

APR 04 2014

FARMINGTON FIELD OFFICE
BY: *William Tambekar*

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

Signature *Amanda Cavoto*

Title Engineering Technologist

Date 2/6/14

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)

NMOCD

1) After logging of pilot hole is complete RDMO WL and prepare to set kick plug

2) PU the following string while (bottom to top):

   1) Bull Plug - 2-7/8", 8 rd EUE conn

   2) Diverter sub - 1 jt 2-7/8" 6.5# L80 tbg w/ twelve 1/2" ports drilled @ 45 degree phasing

   3) Stinger - ~800' of 2-7/8" 6.5# L80 workstring, 8 rd EUE conn's

   4) XO sub - 2-7/8" X 4" (XT39 box, 8rd EUE pin)

   5) ~3,960' of 4" 11.85# S135 drill pipe, xt39 conn's

3) TIH to +/- 4,860' (~100' below planned bottom of plug)

4) Break circulation and circulate 2 BU's with 9.5 ppg WBM

5) Spot 100' (8 bbls) 9.5 ppg 120 vis WBM pill from 4,960' - 4,860'

6) PU to planned plug set depth of 4,760' @ 40 fpm

7) Establish circulation and pump 1 BU, then mix and pump the following cement slurry:

   283 sks, Class G cement with 0.15% bwoc R-3 + 44.3% FW

   Density = 15.8 ppg, yield = 1.15 ft^3/sk

8) Once cement has been pumped, displace with ~44 bbls of spacer and WBM to place top of cement ~200' above XO in drill pipe. Be sure not to overdisplace

9) Once displacement has been pumped, begin to POOH at no greater than 50 fpm

10) Pull 16 stands, then reverse out 2 BU's to clean up workstring

11) Continue to POOH at 50 fpm

12) Once OOH, WOC for 24+ hours - TBD from slurry testing. Want compressive strength > 2500 psi before attempting to kick-off

13) When cement has set, PU standard curve assembly (8.75" Reed E1202, 6.5" MM (7/8 lobe, 5.7 stg, 2.38 deg, 0.25 rev/gal)) and TIH to dress-off plug
    Break circulation every 1,000' to make sure bit has not plugged while TIH

14) Tag top of plug and begin to dress-off

15) Dress off plug in 30' increments, attempting to stack out weight after each increment

16) Once plug begins to take sufficient weight, orient bit @ 0 deg azimuth and begin sliding in attempt to "jump the plug." - **ACTUAL KOP = 4,440'**

17) Stop attempting to slide to get kicked off and begin to build a trough/time drill if we get to within 100' (4,558') of original KOP and we have not successfully kicked off.

18) Call engineer to discuss contingency if we begin to reach the original KOP of 4,658' and we have not found good cement