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Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 13 2013

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

Farmington Field Office
Bureau of Land Management
Lease Serial No. SF-080511

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator Burlington Resources Oil & Gas Company LP		8. Well Name and No. Harrington 9N
3a. Address PO Box 4289, Farmington, NM 87499	3b. Phone No. (include area code) (505) 326-9700	9. API Well No. 30-039-31140
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit J (NWSE), 1600' FSL & 1786' FEL, Sec. 31, T27N, R7W Bottomhole Unit I (NESE), 1455 FSL & 907' FEL, Sec. 31, T27N, R7W		10. Field and Pool or Exploratory Area Blanco MV/Basin DK
		11. Country or Parish, State Rio Arriba, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" type="checkbox"/> Subsequent Report <i>BP</i>	<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 <u>Completion</u>	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Detail</u>	
	<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 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 for completion detail

RCVD MAY 15 '13
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD

MAY 13 2013

FARMINGTON FIELD OFFICE
BY *William Tambakon*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Patsy Clugston	Staff Regulatory Tech
Signature <i>Patsy Clugston</i>	Title
	Date 5/10/2013

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.

(Instruction on page 2)

NMOCDAV

Harrington 9N
API-30-039-31140
Page 2

2/7/13 RU WL. RIH w/gauge ring & logged well. GR/CCL/CBL from 6908' – 15' KB. TOC @ 3200'. (7" shoe @ 4211'). RD W/L. Installed WH. Test OK.

3/4/13 RU frac stack. PT stack & 4-1/2" casing to 6,600# 30 min. Good test. RU to perf & frac. 3/7/13 RIH & perf'd Dakota @ .34" dia. 2 spf – 6878', 6876', 6874', 6866', 6862', 6860', 6850', 6844', 6842', 6836', 6834', 6832', 6830', 6826', 6824', 6822', 6820', 6818', = 36 holes; 1 spf – 6806', 6802', 6800', 6796', 6794', 6792', 6790', 6788', 6784', 6782', 6778', 6774', 6772', 6768', 7666', 6744', 6740', 6736', 6734', 6732', 6730', 6728', = 22 holes. Total = 58 holes. **Frac Dakota (6728' – 6878')**. Acidized w/10 bbls 15% HCl ahead of 131,600 gal 70 Q N2 Slickfoam w/41,067# 2040 Brown sand & 2,172,000 scf N2. RIH w/CBP & set @ 6500'.

3/7/13 RIH to perf & frac Pt. Lookout w/.34" dia 1 spf – 4972', 4940', 4924', 4868', 4862', 4824', 4798', 4795', 4778', 4774', 4772', 4736', 4732', 4716', 4712', 4702', 4698', 4694', 4684', 4680', 4676', 4672', 4670', 4666', 4664', = 25 holes. **Frac Pt. Lookout (4664' – 4972')**. Acidized w/10 bbls 15% HCl ahead of 123,774 gal 70 Q N2 slickfoam w/103,607# 20/40 Brown sand & 1,222,900 scf N2. Set CFP @ 4630'.

3/7/13 RIH & perf'd Menefee w/.34" dia @ 1spf – 4610', 4596', 4570', 4566', 4562', 4558', 4554', 4552', 4520', 4518', 4508', 4502', 4498', 4478', 4476', 4466', 4464', 4436', 4414', 4408', 4406', 4402', 4400', 4398', 4396' = 25 holes. **Frac Menefee (4396' – 4610')**. Acidized w/10 bbls 15% HCl ahead of 78,260 gal 70 Q slickfoam w/49,225# 20/40 Brown sand & 978,800 scf N2. Released frac crews. Began flowback. Flowed for 1-1/2 days. 3/9/13 RIH w/CBP & set @ 4160'. RD frac stack & NU WH. Released crews.

4/24/13 MIRU Key #12. ND WH, NU BOP – test OK. 4/25 RIH w/mill and M/O CIBP @ 4160' & 4630'. 4/26 RU GRU & C/O to DK plug @ 6500'. 4/30/13 D/O DK plug & C/O to **PTBD @ 6909'**. Started selling MV and DK gas thru GRU on 4/30/13. 5/1/13 TOH w/mill. Circ. over night. Blow and Flow. 5/3 RIH w/221 jts 2-3/8" 4.7# L-80 tubing and set @ 6807' w/FN @ 6805'. Flow test well. ND BOP, NU WH. RD & released rig @ 1600 hrs on 5/3/13.

This well is a MV/DK commingle well per DHC –3732 AZ.