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OIL CONS. DIV.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUL 30 2012

FORM 3160-4  
OMB No 1004-0137  
Expires July 31, 2010WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
Farmington Field Office  
Bureau of Land Management

3. Lease Serial No

SF-081134

1a Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6 If Indian, Allottee or Tribe Name	
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff Resrv.		7 Unit or CA Agreement Name and No.	
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company</b>		8. Lease Name and Well No <b>Quigley #1</b>	
3 Address <b>PO Box 4289, Farmington, NM 87499</b>		9 API Well No <b>30-045-09846</b>	
3a Phone No (include area code) <b>(505) 326-9700</b>		10 Field and Pool or Exploratory <b>Basin Fruitland Coal</b>	
4 Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>Unit K (NESW) 1650' FSL &amp; 790' FWL</b>  At top prod. Interval reported below <b>Same as above</b>  At total depth <b>Same as above</b>		11 Sec, T, R, M, on Block and Survey or Area <b>Sec. 6, T30N, R9W, NMPM</b>	
14 Date Spudded <b>4/14/1953</b>		15 Date T D Reached <b>5/22/1953</b>	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* <b>GL-6530' GL / 6520' KB</b>	
18 Total Depth MD <b>5670</b> TVD <b>5670</b>		19 Plug Back T D MD <b>3955' CIBP</b> TVD <b>3955' (CIBP)</b>	
20 Depth Bridge Plug Set: MD <b>3955'</b> TVD <b>3955'</b>		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)	
Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			

VBL/CCL/GR

## 23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement top*	Amount Pulled
12 1/4"	9 5/8", H-40	25.4	0	174'	NA	125 sk		Surface	
8 3/4"	7", J-55	23#	0	4805'	NA	300 sk		2940	

## 24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8", 4.7#, J-55	3217'	n/a						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) Basin Fruitland Coal	3223'	3242'	3 spf	.34" diam	57	Open
B) Basin Fruitland Coal	3061'	3150'	2 spf	.34" diam	52	Open
C)						
D) Total Holes					109	

## 27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
3223' - 3242'	4,500 gal 25# x-link prepad 36,204 gal 25# linear 75% N2 foam w/100,000# 20/40 Brady sand & 1,138,469 scf N2
3061' - 3150'	3,500 gal 25# X-link prepad, 29,148 gal 25# linear 75% N2 foam w/70,000# 20/40 Brady sand, 1,059,500 scf N2

## 28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
SI	5/17/2007	1	→	0	63				FLOWING
Choke Size	Tbg Press Flwg SI	Csg Press SI	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	147#	150#	→	0	1536 mcf/d				

## 28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

AUG 01 2012

NMOCD

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## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate 	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status

## 28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg SI	Csg Press	24 Hr Rate 	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status

## 29 Disposition of Gas (Solid, used for fuel, vented, etc.)

## TO BE SOLD

## 30 Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
Ojo Alamo	1905'	2045'	White, cr-gr ss	Ojo Alamo	FALSE
Kirtland	2045'	2855'	Gry sh interbedded w/tight, gry, fine-gr ss	Kirtland	2045'
Fruitland	2855'	3255'	Dk gry-gr carb sh, coal, grn silts, light-med gry, tight, fine gr ss	Fruitland	2855'
Pictured Cliffs	3255'	3275'	Bn-Gry, fine grn, tight ss	Pictured Cliffs	3255'
Lewis	3275'	4862'	Shale w/ siltstone stringers	Lewis	3275'
Huerfano Bentonite			White, waxy chalky bentonite	Huerfano Bentonite	0
Chacra			Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	0
Mesa Verde	4862'	5060'	Light gry, med-fine gr ss, carb sh & coal	Mesa Verde	4862'
Menefee	5060'	5474'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5060'
Point Lookout	5474	5584	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5474
Mancos	5584		Dark gry carb sh	Mancos	5584

## 32. Additional remarks (include plugging procedure):

## 33 Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print)

Patsy Clugston

Title

Sr. Regulatory Specialist

Signature

Patsy Clugston

Date

7-27-12

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