

# RECEIVED

Form 3160-5  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 13 2013

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.  
SF-078860

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

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

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

3b. Phone No. (include area code)  
720-876-3941

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

8. Well Name and No.  
Escrito I24-2409 01H

9. API Well No.  
30-045-35322

10. Field and Pool or Exploratory Area  
Bisti - Lower Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 1935' FSL, 205' FEL Section 24, T24N, R9W  
BHL: 1857' FSL, 363' FWL Section 24, T24N, R9W

11. Country or Parish, State  
San Juan County, NM

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 <u>Vent/Flare</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleate 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 recompleation 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.)

Encana Oil & Gas (USA) Inc. (Encana) completed the Escrito I24-2409 01H well on 10/12/12. It is currently shut-in because it was affected by an offset well during fracing operations causing 60% nitrogen in the gas. The pipeline refuses to accept gas at this quality. Encana requests a vent/flare period of 30 days or 50 MMCF whichever comes first. The gas will be vented until the flare stack can be lit, at which time, the gas will be flared.

Based on prior gas volumes, Encana estimates that an average of approximately 300 mcf/d will be vented/flared. Attached is the gas analysis.

RCVD SEP 18 '13  
OIL CONS. DIV.  
DIST. 3

*This approval expires 10/16/2013*

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

Name (Printed/Typed)  
Robynn Haden

Title Engineering Technologist

Signature

Date

9/12/13

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Troy L. Salvers

Title PE

Date

9/16/2013

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 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.

(Instructions on page 2)

NMOCD pr



2030 Afton Place  
Farmington, NM 87401  
(505) 325-6622

Analysis No: EC130151  
Cust No: 25150-11050

### Well/Lease Information

Customer Name: ENCANA OIL & GAS  
Well Name: ESCRITO I24-2409-01H  
County/State: SAN JUAN NM  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 550100009  
AFE# 70857

Source: N/A  
Pressure: 36 PSIG  
Sample Temp: 72 DEG. F  
Well Flowing: N  
Date Sampled: 09/10/2013  
Sampled By: J. DAVIS  
Foreman/Engr.:

Remarks: SALES

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	60.796	6.6980	0.00	0.5880
CO2	0.327	0.0560	0.00	0.0050
Methane	25.951	4.4050	262.11	0.1437
Ethane	4.512	1.2080	79.85	0.0468
Propane	4.770	1.3160	120.02	0.0726
Iso-Butane	0.622	0.2040	20.23	0.0125
N-Butane	1.853	0.5850	60.45	0.0372
I-Pentane	0.358	0.1310	14.32	0.0089
N-Pentane	0.364	0.1320	14.59	0.0091
Hexane Plus	0.447	0.2000	23.56	0.0148
Total	100.000	14.9350	595.13	0.9386

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0016

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 597.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 587.1

REAL SPECIFIC GRAVITY: 0.9398

GPM, BTU, and SPG calculations as shown  
above are based on current GPA factors.

DRY BTU @ 14.650: 594.3

CYLINDER #: 6074

DRY BTU @ 14.696: 596.1

CYLINDER PRESSURE: 47 PSIG

DRY BTU @ 14.730: 597.5

DATE RUN: 9/11/13 8:18 AM

DRY BTU @ 15.025: 609.5

ANALYSIS RUN BY: DAWN BLASSINGAME



ENCANA OIL & GAS  
WELL ANALYSIS COMPARISON

Lease: ESCRITO I24-2409-01H  
Stn. No.: 550100009  
Mtr. No.: AFE# 70857

N/A

09/11/2013  
25150-11050

Smpl Date:	09/10/2013	09/10/2013	08/15/2013	07/24/2013	06/17/2013	05/18/2013	04/24/2013
Test Date:	09/11/2013	09/11/2013	08/20/2013	07/26/2013	06/20/2013	05/20/2013	05/01/2013
Run No:	EC130151	EC130150	EC130134	EC130104	EC130083	EC130059	EC130040
Nitrogen:	60.796	58.363	4.022	4.310	4.656	5.007	5.969
CO2:	0.327	0.316	0.519	0.507	0.509	0.499	0.475
Methane:	25.951	25.949	72.137	72.313	72.414	72.122	72.994
Ethane:	4.512	5.403	10.415	10.232	10.214	10.179	9.506
Propane:	4.770	6.309	8.047	7.772	7.711	7.710	7.137
I-Butane:	0.622	0.702	0.869	0.856	0.811	0.816	0.754
N-Butane:	1.853	1.934	2.462	2.427	2.268	2.305	2.062
I-Pentane:	0.358	0.384	0.518	0.512	0.467	0.463	0.374
N-Pentane:	0.364	0.400	0.548	0.546	0.492	0.476	0.369
Hexane+:	0.447	0.240	0.463	0.525	0.458	0.423	0.360
BTU:	597.5	649.1	1299.2	1292.2	1277.0	1272.0	1232.8
GPM:	14.9350	15.3130	19.4890	19.4350	19.3350	19.3020	19.0120
SPG:	0.9398	0.9469	0.7886	0.7869	0.7809	0.7812	0.7660
	04/24/2013	04/25/2013	04/25/2013	03/25/2013	03/07/2013	02/19/2013	01/10/2013
	05/01/2013	05/01/2013	04/30/2013	03/27/2013	03/08/2013	02/21/2013	01/14/2013
	EC130039	EC130038	EC130042	EC130025	EC130016	EC130011	EC130001
	5.941	5.926	49.669	1.376	7.579	8.427	15.371
	0.475	0.479	0.049	0.093	0.462	0.472	0.421
	72.972	73.453	7.491	0.258	71.126	69.999	62.122
	9.530	9.528	4.272	0.541	9.555	9.827	9.228
	7.114	6.972	8.621	13.525	7.203	7.334	7.528
	0.748	0.710	1.711	9.047	0.754	0.745	0.860
	2.052	1.893	8.329	43.820	2.081	2.033	2.536
	0.392	0.336	5.889	14.231	0.397	0.374	0.561
	0.396	0.333	7.319	13.415	0.401	0.379	0.604
	0.380	0.370	6.650	3.694	0.442	0.410	0.769
	1234.8	1224.2	1594.0	3510.9	1223.6	1214.9	1185.0
	19.0250	18.9540	21.4190	33.7650	18.9650	18.9280	18.7480
	0.7670	0.7600	1.4623	2.1762	0.7770	0.7807	0.8349



ENCANA OIL & GAS  
WELL ANALYSIS COMPARISON

Lease: ESCRITO I24-2409-01H  
Stn. No.: 550100009  
Mtr. No.: AFE# 70857

N/A

09/11/2013  
25150-11050

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12/26/2012	12/14/2012	12/10/2012	12/06/2012
12/27/2012	12/17/2012	12/11/2012	12/07/2012
EC120035	EC120031	EC120025	EC120023
17.616	25.757	31.456	68.433
0.436	0.362	0.336	0.004
55.851	50.601	48.580	24.520
10.495	8.845	7.965	3.363
9.756	8.058	7.183	2.575
1.180	0.937	0.798	0.192
3.394	2.794	2.253	0.471
0.528	0.682	0.432	0.110
0.472	0.791	0.443	0.126
0.272	1.173	0.554	0.206
1206.3	1119.4	981.0	415.2
18.9880	18.3670	17.4460	13.6950
0.8726	0.9027	0.8739	0.8984