SOLITARIO EXPLORATION & ROYALTY CORP.

Form 4

October 22, 2013

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

HARRIS LEONARD

2. Issuer Name and Ticker or Trading

Symbol

SOLITARIO EXPLORATION & ROYALTY CORP. [XPL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last)

(First)

(Street)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year)

X_ Director Officer (give title

10% Owner Other (specify

9534 LA COSTA LANE

10/21/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

3.

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(I)

(Instr. 4)

Person

below)

LONE TREE, CO 80124

(City)

Security

(Instr. 3)

2. Transaction Date 2A. Deemed 1.Title of

(State)

(Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

5. Amount of Securities

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial

Ownership

(Instr. 4)

(Month/Day/Year)

Execution Date, if

(Zip)

Code (Instr. 8)

TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5)

(A)

or

4. Securities

Owned Following Reported

Beneficially

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amor Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date** Underlying Secur or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) Security any

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(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A)
Derivative or Disposed of Security (D)
(Instr. 3, 4,

and 5)
(A) (D) Date Expiration Title

Exercisable Date

of S

Non-Qualified Stock Option

\$ 0.94 10/21/2013

A 90,000

Code V

10/21/2013 10/21/2018

Common Stock 90

An

or Nu

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HARRIS LEONARD

9534 LA COSTA LANE X

LONE TREE, CO 80124

Signatures

Leonard Harris 10/22/2013

**Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

Reporting Owners 2

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).