Rosetta Resou	urces Inc.										
Form 4	2014										
September 05 FORM Check this	4 UNITED	UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								PROVAL 3235-0287 January 31,	
if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).											
(Print or Type R	esponses)										
McCormack Don O. Syr				Name and Resource				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First) (N	Middle) 3	. Date of	Earliest Tr	ansaction			(Check)	
			(Month/Day/Year) 09/04/2014					Director 10% Owner X_Officer (give title Other (specify below) SVP, Treasurer & CAO			
				nendment, Date Original onth/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
HOUSTON, TX 77002 — Form filed by More than One Reporting Person											
(City)	(State)	(Zip)	Tabl	e I - Non-D	Derivative	Secur	rities Acqu	iired, Disposed of,	or Beneficiall	y Owned	
	2. Transaction Date (Month/Day/Year)	tion Date 2A. Deemed ay/Year) Execution Date, if any (Month/Day/Year)						5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common				Code V	Amount	(A) or (D)	Price \$	Transaction(s) (Instr. 3 and 4)			
Common Stock	09/04/2014	09/04/201	4	F	548	D	47.575 (1)	22,822	D		

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

Persons who respond to the collection of information contained in this form are not 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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transact Code (Instr. 8)	5. iorNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Date	7. Titl Amou Under Secur (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	⁷ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

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Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
McCormack Don O. 1111 BAGBY SUITE 1600 HOUSTON, TX 77002			SVP, Treasurer & CAO				
Signatures							
/s/ Janice Ward for Don McCormack		09/05/2014					
**Signature of Reporting Person		Date					
E I							

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Shares withheld for tax liability upon vesting of Restricted Stock.

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.