RSP Permian, Inc. Form 5/A June 12, 2015

FORM 5

OMB APPROVAL

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

OMB Number: 3235-0362 January 31,

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

Expires: 2005

HANGES IN BENEFICIAL

SECURITIES

Expires: 3anually 31, 2005

Estimated average burden hours per

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

response... 1.0

1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported Form 4 30(h) of the Investment Company Act of 1940

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Pollard Tamara D. Symbol RSP Permian, Inc. [RSPP] (Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) Director 10% Owner _ Officer (give title X Other (specify 12/31/2014 below) below) 3141 HOOD STREET, SUITE 500 EVP of Planning and Reserves (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) 02/13/2015

DALLAS, TXÂ 75219

X Form Filed by One Reporting Person __ Form Filed by More than One Reporting Person

(City)	(State)	(Zip) Tabl	le I - Non-Der	ivative Secu	rities .	Acquir	ed, Disposed of	, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securitie (A) or Disp (Instr. 3, 4)	osed c	of (D)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	08/08/2014	Â	J(1)(2)	219,229	A	\$ <u>(1)</u>	492,114	I	See Footnote (3)
Common Stock	08/08/2014	Â	<u>J(1)(4)</u>	6,989	A	\$ (1)	19,060	I	By spouse (5)
Common Stock	12/11/2014	Â	J <u>(6)(7)</u>	272,885	A	\$ <u>(6)</u>	492,114	I	See Footnote (3)
	12/11/2014	Â	J(6)(8)	9,071	A	\$ (6)	19,060	I	

Common By Spouse Stock (5)

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

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

 Title of 	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amou	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	
	Derivative				Securities			(Instr.	3 and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration		Number		
						Exercisable	Date		of		
					(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Keiationsnips						
	Director	10% Owner	Officer	Other			
Pollard Tamara D.			EVP of				
3141 HOOD STREET, SUITE 500	Â	Â	Planning and	Â			
DALLAS, TX 75219			Reserves				

Signatures

/s/ James E. Mutrie, attorney-in-fact for Tamara D. Pollard 06/12/2015

**Signature of Reporting Person Date

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).
- In connection with an underwritten public offering (the "offering") of RSP Permian, Inc.'s ("RSP") common stock, par value \$0.01 per share ("common stock"), by RSP and certain selling stockholders of RSP named in the registration statement on Form S-1 initially filed with the Securities and Exchange Commission on May 30, 2014, as subsequently amended, RSP Permian Holdco, L.L.C. ("Holdco") made a pro rata distribution (the "Offering Distribution") of common stock to its members.
- (2) Pollard Resource Holdings, LP received 219,229 shares of common stock pursuant to the Offering Distribution.
 - Ms. Pollard is a manager of the general partner of Pollard Resource Holdings, LP and therefore may be deemed to indirectly
- (3) beneficially own these securities. Ms. Pollard disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein.

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- (4) Ms. Pollard's spouse received 6,989 shares of common stock from Holdco pursuant to the Offering Distribution.
- (5) Ms. Pollard disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein.
- (6) In connection with its impending dissolution, Holdco made a pro rata distribution (the "Dissolution Distribution") of all of the shares of common stock that it held to its members.
- (7) Pollard Resource Holdings, LP received 272,885 shares of common stock pursuant to the Dissolution Distribution.
- (8) Ms. Pollard's spouse received 9,071 shares from Holdco pursuant to the Dissolution Distribution.

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Remarks:

The Reporting Person's Form 5, filed with the Securities and Exchange Commission on February 13,

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.