

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OCOCD-HOBBS

MAR 16 2015

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.**

RECEIVED

5. Lease Serial No.  
NM-0559539  
6. If Indian, Allottee or Tribe Name

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator

Harvard Petroleum Company, LLC

3a. Address

PO Box 936, Roswell, NM 88202

3b. Phone No. (include area code)

575-623-1581

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit O, 810' FSL & 1830' FEL, Sec 29-T23S-R32E NMPM

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

8. Well Name and No.

James Federal #1

9. API Well No.

30-025-31515

10. Field and Pool or Exploratory Area  
W. Triste Draw, Delaware

11. County or Parish, State  
Lea Co., NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Step Rate Pressure
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Test Results

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 recomplete 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 recompletion 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.)

10/20/14 Performed a step rate injection test with Cardinal Surveys Company. See attached test report and results.

The test results indicate no parting at the last rate of 11480 BPD with a surface pressure of 3715 psi. Therefore request an increase in the NMOCD SWD-486 surface wellhead pressure to no more than 3715 psi.

**PROVIDE S.R.T. RESULTS  
TO SANTA FE FOR APPROVAL**

*Data presentation inadivite.*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Jeff Harvard

Title Manager

Signature

Date 10/30/2014

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

Approved by

Title

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

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)

**ACCEPTED FOR RECORD**

MAR 11 2015

*[Signature]*

**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD FIELD OFFICE**

*MSS/OCB 3/17/2015*

MAR 17 2015

**Step Rate Test**

**HOBBS OCD**

**MAR 16 2015**

**RECEIVED**



**Cardinal Surveys Company**

**21-Oct-14**

**Harvard Petroleum Corporation**

**Well: James Fed No. 1**

**Field;**

**County: Eddy County, New Mexico**

**SC70628**

**File No. 21933**

**FINAL RATE @ 11,480 BPD, SURFACE 3,715 PSI, NO PARTING PRESSURE**

**Downhole PSI Tool Ser. No. CSC2604**

**Surface PSI Gauge Ser. No. CSC 2701**

**Tool @ 4,874'**

	Start	End	Rate	
1	11:15 AM	3:30 PM	0	4,874
2	3:30 PM	4:00 PM	1440	
3	4:00 PM	4:30 PM	2160	
4	4:30 PM	5:00 PM	2880	
5	5:00 PM	5:30 PM	4320	
6	5:30 PM	6:00 PM	5720	
7	6:00 PM	6:30 PM	8600	
8	6:30 PM	7:00 PM	11480	
9	7:00 PM	7:15 PM	0	15 MIN. FALL OFF
10				
11				
12				
13				
14				
15				
16				
17				
18				

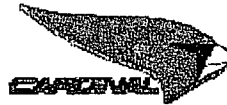
**Step Rate Test**  
**21-Oct-14**

**Harvard Petroleum Corporation**

**Well: James Fed No. 1**

**Field:**

**Location: Eddy County, New Mexico**



	S Time	E Time	D Time Min	Last Rate BPD	Step BPD	BHP PSIA	Surf PSIA	Cum BBL	Delta BBL	Avg. BPD	Lower Trend	Upper Trend
1	11:15 AM	3:30 PM	255	0	0	2842.5	500	0	0	0		
2	3:30 PM	4:00 PM	30	1440	1440	3087.5	606	29	29	1392		
3	4:00 PM	4:30 PM	30	2160	720	3108.6	715	76	47	2256		
4	4:30 PM	5:00 PM	30	2880	720	3123.6	845	142	66	3168		
5	5:00 PM	5:30 PM	30	4320	1440	3143.3	1100	233	91	4368		
6	5:30 PM	6:00 PM	30	5720	1400	3172.1	1460	351	118	5664		
7	6:00 PM	6:30 PM	30	8600	2880	3205.3	2260	533	182	8736		
8	6:30 PM	7:00 PM	30	11480	2880	3262.5	3715	781	248	11904		
9	7:00 PM	7:15 PM	15	0	0	3188.1	900	781	0	0		
10												
11												
12												
13												
14												
15												
16												

upper trend

lower trend

intersect

#DIV/0!

BPD

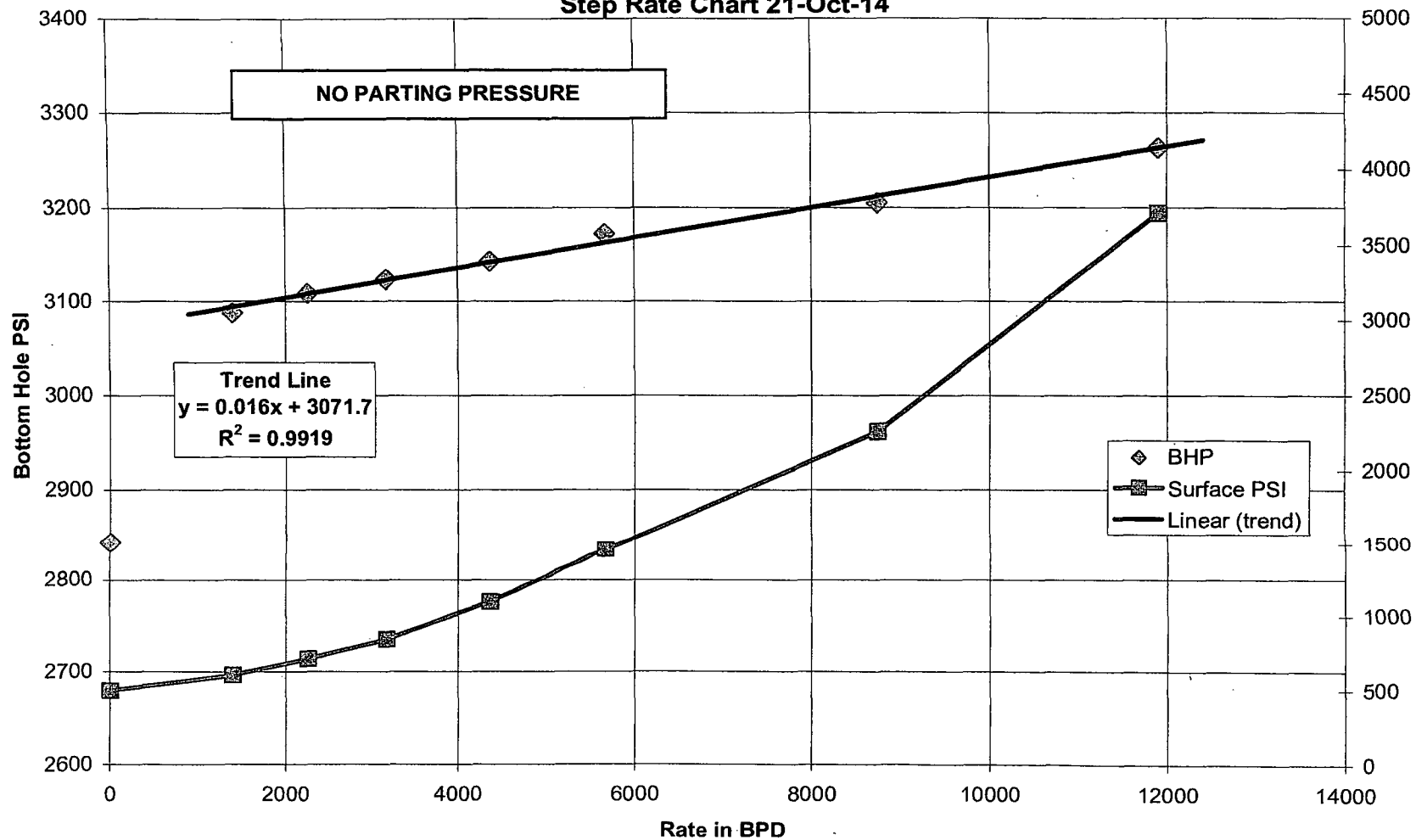
BHP PSI

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PSIA

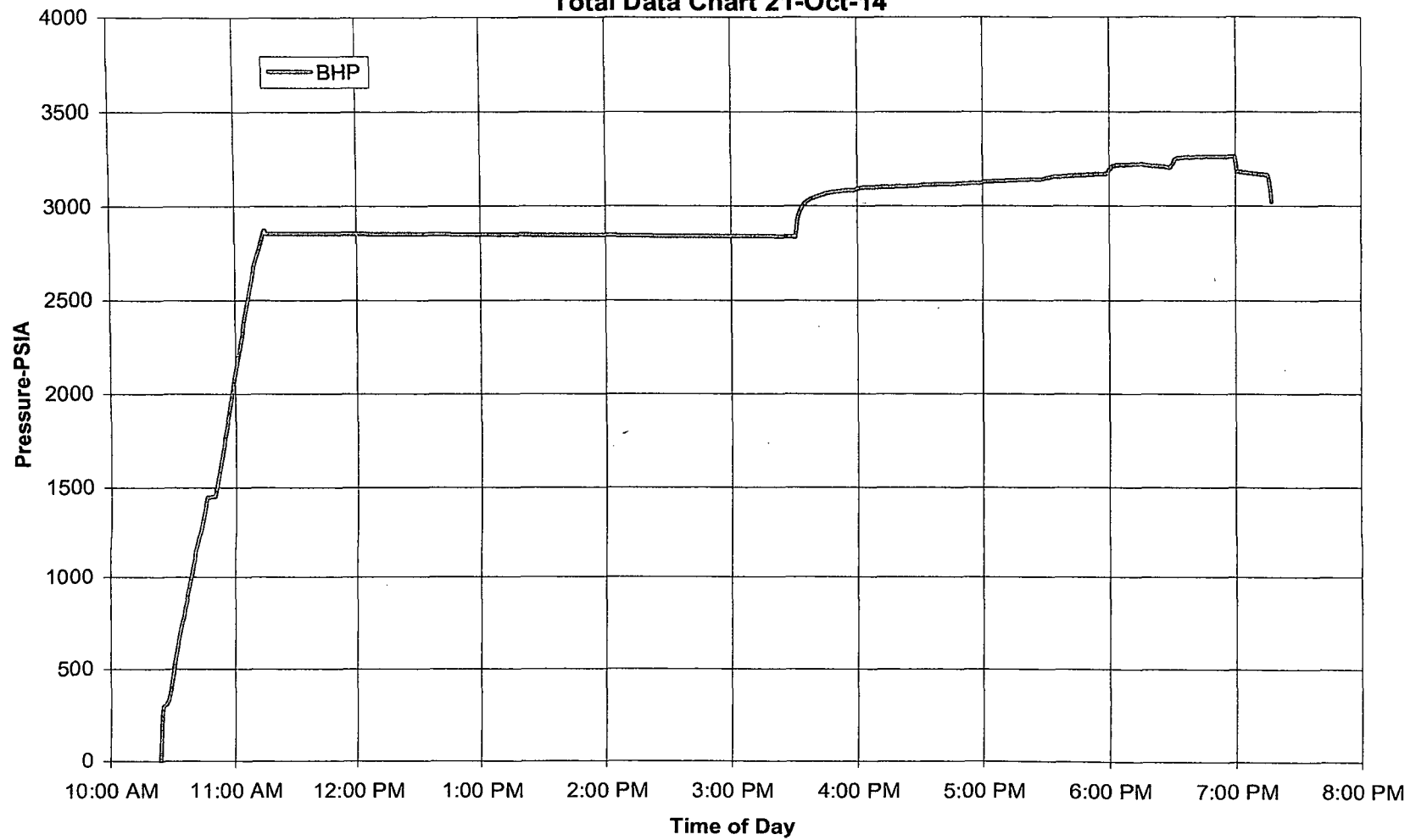


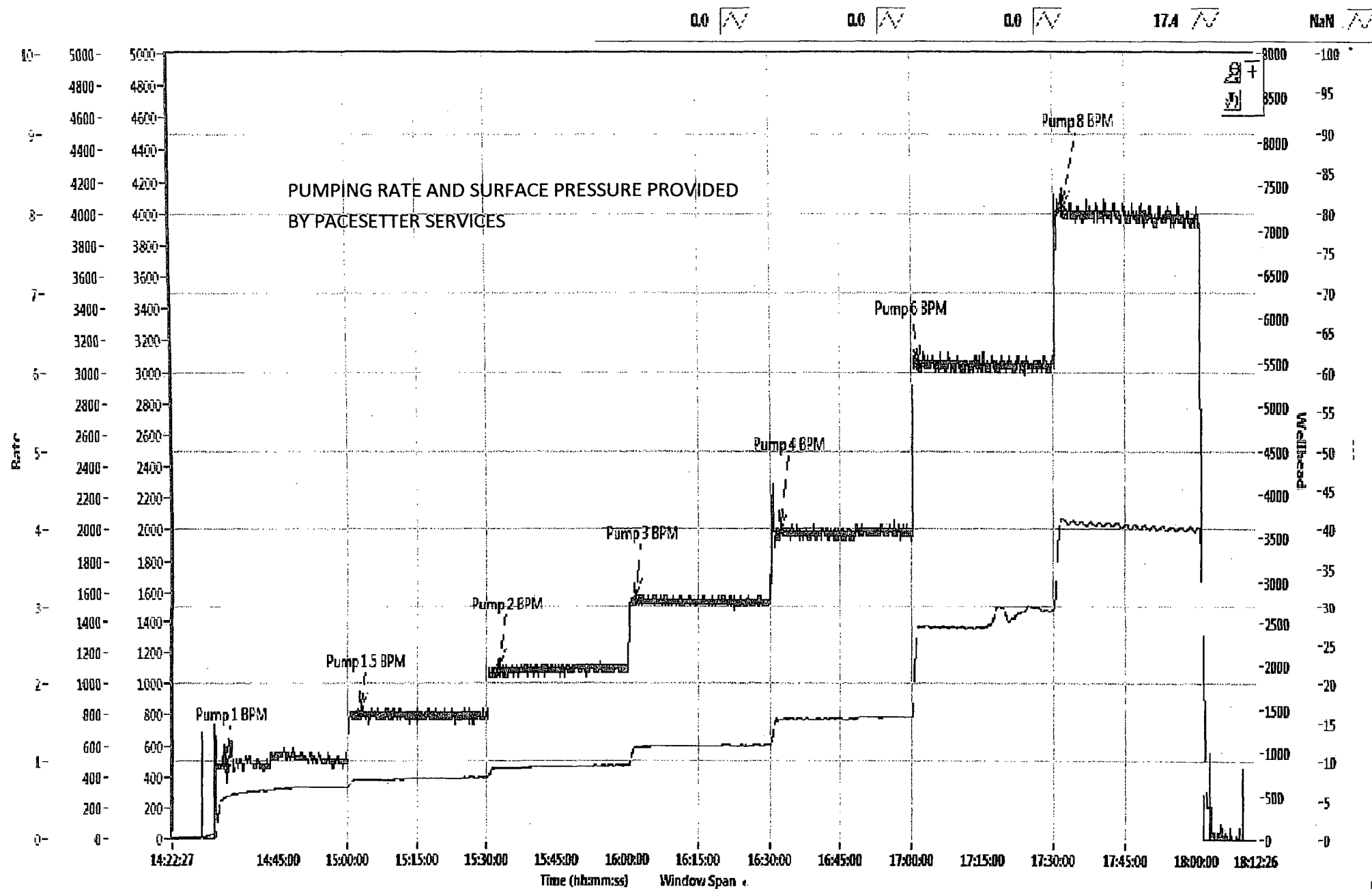
Harvard Petroleum Corporation  
James Fed. No. 1 SWD  
Step Rate Chart 21-Oct-14





Harvard Petroleum Corporation  
James Fed. No. 1 SWD  
Total Data Chart 21-Oct-14





Refresh Graph