

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.

5. Lease Serial No.
SWD-649-B NMNM029234

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other SWD

8. Well Name and No.
Bran SWD #1

2. Name of Operator

Mesquite SWD, Inc.

9. API Well No.
30-015-25697

3a. Address

P.O. Box 1479, Carlsbad, NM 88221

3b. Phone No. (include area code)

575-706-1840

10. Field and Pool or Exploratory Area
SWD: Bell Canyon-Chery Canyon

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

660' FSL & 660' FEL Sec. 11, T24S-R31E

11. County or Parish, State
Eddy Co. NM

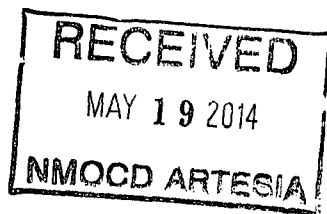
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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 type="checkbox"/> Other <u>Ran pressure test</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 recompleat 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 recompleat 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.)

Original pressure test ran by Cardinal 2/28/2013 was faulty. Re-ran IPI test successfully 7/18/2013. Test results attached. Requesting NM OCD current IP 975 psi to new max IP 1500 psi.

Handwritten: 5/22/14
**Accepted for record
NMOCD**



**SUBJECT TO LIKE
APPROVAL BY STATE**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Title Agent

Signature

Handwritten signature: Kay Havenor

Date 07/30/2013

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Handwritten signature: Paul M. Swartz

Title

Handwritten: PET

Office

Date

MAR 7 2014

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.

**BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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)

Step Rate Test



Cardinal Surveys Company

18-Jul-13

Mesquite SWD

Well: Bran No. 1 SWD

Field:

County: Eddy, N.M.

sc60638

File No. 21359

Step Rate Test Stopped Due to Reaching Surface PSI Limit

Downhole PSI Tool Ser. No. CSC2601

Surface PSI Gauge Ser. No. CSC 2701

Tool @ 5,350

	Start	End	Rate
1	8:15 AM	8:45 AM	0 5,350'
2	8:45 AM	9:15 AM	1000
3	9:15 AM	9:45 AM	2000
4	9:45 AM	10:15 AM	3000
5	10:15 AM	10:45 AM	5000
6	10:45 AM	11:15 AM	7000
7	11:15 AM	11:45 AM	8000
8	11:45 AM	12:00 PM	0 15 MIN. FALL OFF
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Step Rate Test
18-Jul-13

Mesquite SWD

Well: Bran No. 1 SWD

Field:

Location: Eddy, N.M.

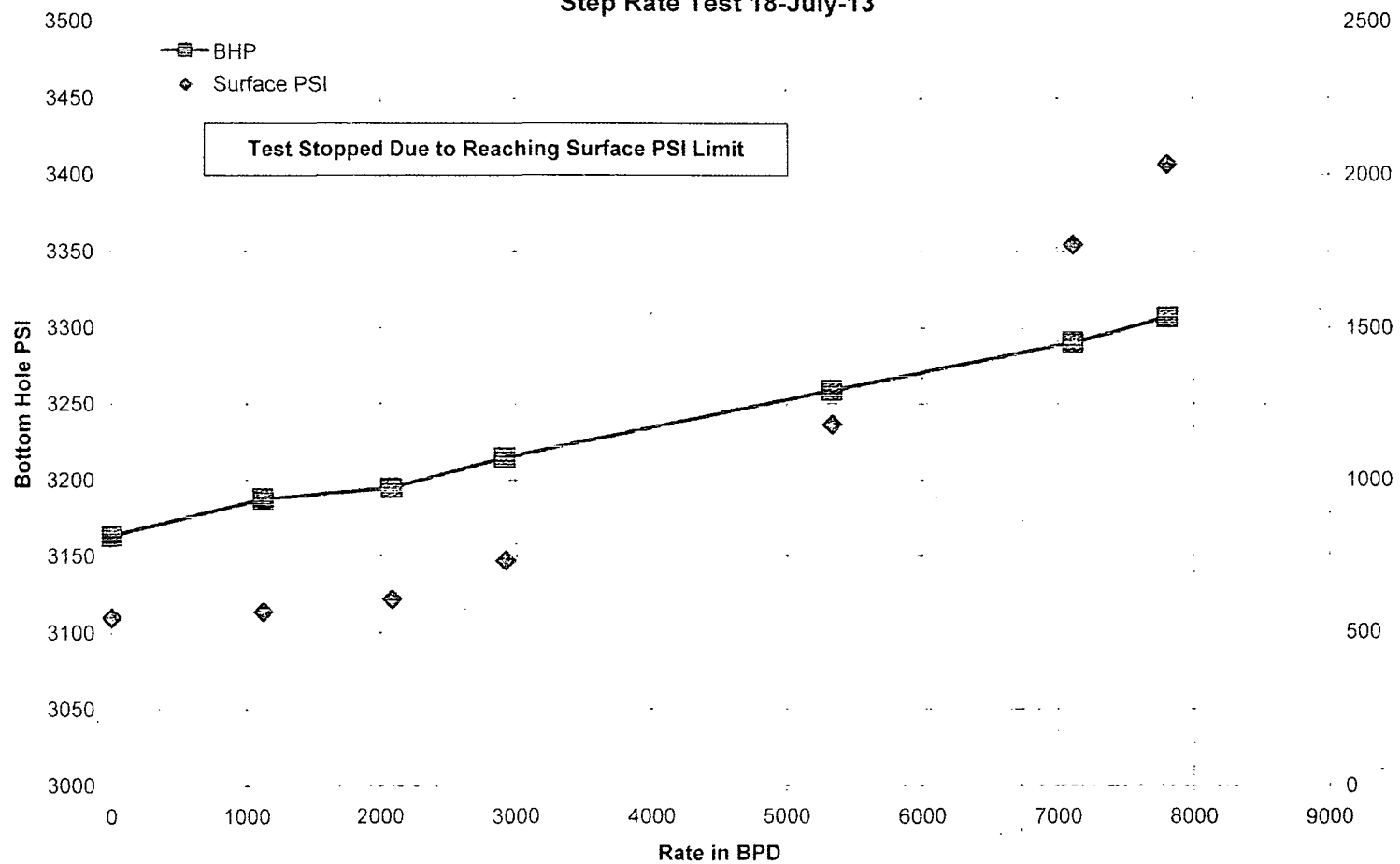


	S Time	E Time	D Time Min	Last Rate BPD	Step BPD	BHP PSIA	Surf PSIA	Cum BBL	Delta BBL	Avg. BPD	Lower Trend	Upper Trend
1	8:15 AM	8:45 AM	30	0	0	3163.4	549.7	0	0	0		
2	8:45 AM	9:15 AM	30	1000	1000	3187.8	569.9	23.3	23.3	1118		
3	9:15 AM	9:45 AM	30	2000	1000	3195	609.7	66.7	43.4	2083		
4	9:45 AM	10:15 AM	30	3000	1000	3214.8	736.1	127.6	60.9	2923		
5	10:15 AM	10:45 AM	30	5000	2000	3258.9	1183.6	238.8	111.2	5338		
6	10:45 AM	11:15 AM	30	7000	2000	3290.6	1773.1	387	148.2	7114		
7	11:15 AM	11:45 AM	30	8000	1000	3307	2035.4	549.7	162.7	7810		
8	11:45 AM	12:00 PM	15	0	0	3237.3	648.4	549.7	0	0		
9												
10												
11												
12												
13												
14												
15												
16												

intersect #DIV/0! BPD
BHP PSI #DIV/0! PSIA



Mesquite SWD
Bran No. 1 SWD
Step Rate Test 18-July-13





Mesquite SWD
Bran No. 1 SWD
Step Rate Test 18-July-13

