

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

HOBBS OCD

SEP 21 2016

RECEIVED

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.

**Carlsbad Field Office
OCD Hobbs**

5. Lease Serial No. NMMNM132953
6. If not an Allottee or Tribe Name
7. If U.S./CA Agreement, Name and/or No.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 ENDURANCE RESOURCES LLC
 Contact: TINLEE TILTON
 E-Mail: tinlee@endurance resourcesllc.com

3a. Address
 MIDLAND, TX 79701

3b. Phone No. (include area code)
 Ph: 432.242.4680

8. Well Name and No.
 DUO SONIC 29 FEDERAL 4H ✓

9. API Well No.
 30-025-43090-00-X1

10. Field and Pool, or Exploratory
 DELAWARE

11. County or Parish, and State
 LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Drilling Operations
	<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 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Endurance Resources respectfully requests approval to use the attached Cameron multi-bowl style wellhead for drilling operations on the Duo Sonic 29 Federal #4H. All testing requirements will be satisfied as laid out in the original COA.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #350005 verified by the BLM Well Information System
For ENDURANCE RESOURCES LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 09/08/2016 (16PP1092SE)**

Name (Printed/Typed) TINLEE TILTON Title ENGINEER

Signature (Electronic Submission) Date 09/02/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **Teungku Muchlis Krueng** Title **PETROLEUM ENGINEER 9 2016** Date

Office

APPROVED
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.

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CONDITIONS OF APPROVAL

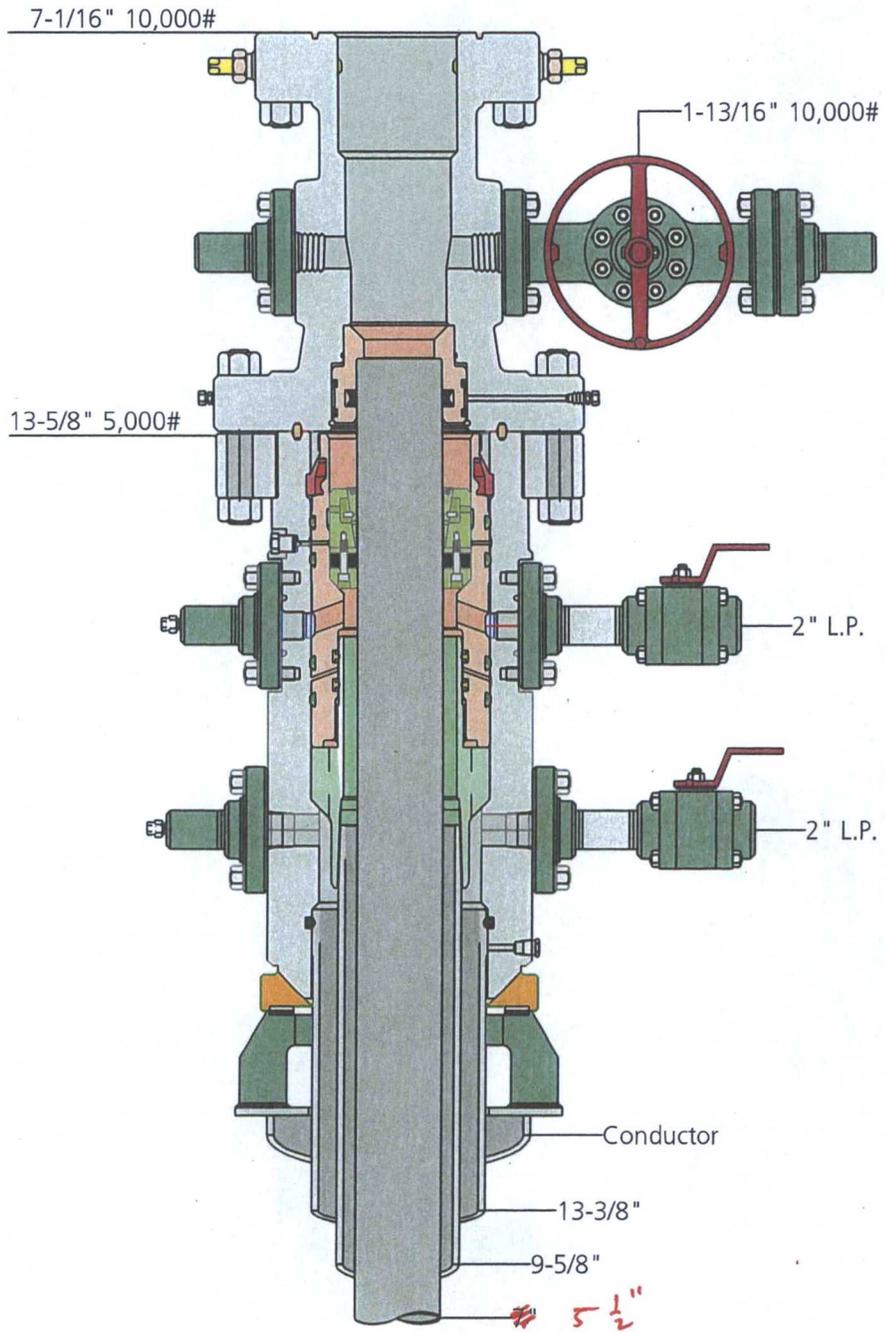
OPERATOR'S NAME:	Endurance Resources, LLC
LEASE NO.:	NMNM132953
WELL NAME & NO.:	Duo Sonic 29 Federal 4H
SURFACE HOLE FOOTAGE:	150'/S & 660'/E
BOTTOM HOLE FOOTAGE:	330'/N & 660'/E
LOCATION:	Section 29, T.25 S., R.35 E., NMPM
COUNTY:	Lea County, New Mexico

Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 5000 (5M) psi.

- a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.**
- b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.**
- c. Manufacturer representative shall install the test plug for the initial BOP test.**
- d. Operator shall perform the intermediate casing integrity test to 70% of the casing burst. This will test the multi-bowl seals.**
- e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**

5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

TMAK 09092016



Duo Sonic
13-5/8" 5M MN-DS Wellhead



Name: Jeanette	Date: 9-2-16	Working Pressure:	#	1346404
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