

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOCD Conservation  
NM OIL CONSERVATION  
ARTESIA DISTRICTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.*

AUG 3 2015

RECEIVED

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
NMNM27276
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.  
BENSON DEEP BDX FEDERAL 2H
9. API Well No.  
30-015-41966-00-X1
10. Field and Pool, or Exploratory  
WILDCAT
11. County or Parish, and State  
EDDY COUNTY, NM

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

YATES PETROLEUM CORPORATION

Contact: MICHELLE TAYLOR

Mail: michelle@yatespetroleum.com

## 3a. Address

105 SOUTH FOURTH STREET  
ARTESIA, NM 88210

## 3b. Phone No. (include area code)

Ph: 575-748-4205

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

Sec 33 T18S R30E SWSW 0380FSL 0560FWL

## 12. CHECK 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	
	<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.)

Notice of H2S encountered.

Attached is the ROE and Gas Analysis Report.  
There are no public facilities/roads within ROE.JMD 8/2/15  
Accepted for record  
NM OOD

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

Electronic Submission #295359 verified by the BLM Well Information System

For YATES PETROLEUM CORPORATION, sent to the Carlsbad

Committed to AFMSS for processing by MARISSA KLEIN on 06/12/2015 (15M3K00155)

Name (Printed/Typed) MICHELLE TAYLOR

Title REGULATORY REPORTING MANAGER

Signature (Electronic Submission)

Date 03/18/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*



## H2S RADIUS OF EXPOSURE YATES PETROLEUM

**Benson Deep BDX Federal #2H**  
H2S Concentration - PPM – 700

MCF/Day - 600  
500 PPM Radius of Exposure – 27 ft.  
100 PPM Radius of Exposure - 59 ft.

Created By Safety Consultant Nicholas Hughes on March 3, 2014

Wildcat Measurement Service  
P.O.Box 1836  
416 East Main Street  
Artesia, NM 88211-1836

3/12/2015 8:44 AM  
Phone: 575-746-3481  
888-421-9453  
Fax: 575-748-9852  
dnorman@wildcatms.com

## GAS ANALYSIS REPORT

Analysis For: YATES PETROLEUM CORPORATION  
Field Name:  
Well Name: BENSON DEEP "BDX" #2H FLARE  
Station Number: BENSON2HFL  
Purpose: SPOT  
Sample Deg. F: 63.1  
Volume/Day:  
Formation:  
Line PSIG: 145.2  
Line PSIA: 158.4

Run No: 2150311-04  
Date Run: 03/11/2015  
Date Sampled: 03/06/2015  
Producer: YATES PETROLEUM  
County: EDDY  
State: NM  
Sampled By: DEREK SAUDER  
Atmos Deg. F: 58

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	0.4514	
Nitrogen	N2:	1.9844	
Hydrogen Sulfide	H2S:	0.0600	
Methane	C1:	70.3519	
Ethane	C2:	14.9866	4.0069
Propane	C3:	7.5455	2.0783
Iso-Butane	IC4:	0.9010	0.2948
Nor-Butane	NC4:	2.0386	0.6425
Iso-Pentane	IC5:	0.4299	0.1572
Nor-Pentanes	NC5:	0.4194	0.1520
Hexanes Plus	C6+:	0.8313	0.3614
Totals		100.0000	7.6931

Pressure Base: 14.730  
Real BTU Dry: 1347.339  
Real BTU Wet: 1323.949  
  
Calc. Ideal Gravity: 0.7938  
Calc. Real Gravity: 0.7969  
Field Gravity:  
Standard Pressure: 14.696  
Ideal BTU Dry: 1338.463  
Ideal BTU Wet: 1315.174  
Z Factor: 0.9957  
Average Mol Weight: 22.9907  
Average CuFt/Gal: 53.4366  
26 lb. Product: 1.0368  
Ethane+ GPM: 7.6931  
Propane+ GPM: 3.6861  
Butane+ GPM: 1.6079  
Pentane+ GPM: 0.6706

Remarks:  
H2S IN GAS STREAM ON LOCATION: 0.0600% = 600 PPM

Analysis By: Don Norman