

**NMOC D**  
**Artesia**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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.*

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0553777
2. Name of Operator YATES PETROLEUM CORPORATION Contact: MICHELLE TAYLOR E-Mail: michelle@yatespetroleum.com		6. If Indian, Allottee or Tribe Name
3a. Address: 105 SOUTH FOURTH STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-4205	7. If Unit or CA/Agreement, Name and/or No. NMNM94445
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 32 T19S R25E NENW 660FNL 1980FWL		8. Well Name and No. JOYCE FEDERAL 2
		9. API Well No. 30-015-28491-00-S1
		10. Field and Pool, or Exploratory N DAGGER DRAW
		11. County or Parish, and State EDDY COUNTY, NM

**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 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 shall 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 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 Reports.  
Operations have relayed there are no public facilities/roads within ROE.

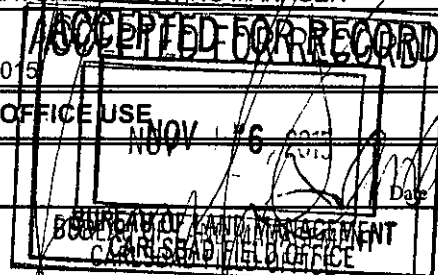
**NM OIL CONSERVATION**  
ARTESIA DISTRICT

NOV 19 2015

RECEIVED

*RD 11/20/15*  
Accepted for record  
NMOC D

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #316786 verified by the BLM Well Information System For YATES PETROLEUM CORPORATION, sent to the Carlsbad Committed to AFMSS for processing by JENNIFER SANCHEZ on 10/29/2015 (16JAS0862SE)</b>	
Name (Printed/Typed) MICHELLE TAYLOR	Title REGULATORY REPORTING MANAGER
Signature (Electronic Submission)	Date 09/17/2015
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>	
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 _____



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

9/8/2015 4:32 PM  
Phone: 575-746-3481  
888-421-8453  
Fax: 575-748-9852  
dnorman@wildcatms.com

### GAS ANALYSIS REPORT

Analysis For: YATES PETROLEUM CORPORATION  
Field Name: DAGGER DRAW  
Well Name: JOYCE FEDERAL COM #2  
Station Number: 52260  
Purpose: SPOT  
Sample Deg. F: 105.1  
Volume/Day:  
Formation:  
Line PSIG: 84.4  
Line PSIA: 97.6

Run No: 2150908-01  
Date Run: 09/08/2015  
Date Sampled: 09/04/2015  
Producer: YATES PETROLEUM CORP.  
County: EDDY  
State: NM  
Sampled By: DEREK SAUDER  
Atmos Deg. F: 92

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	CO2:	1.3796	
Nitrogen	N2:	1.9171	
Hydrogen Sulfide	H2S:	0.1400	
Methane	C1:	72.2758	
Ethane	C2:	12.6279	3.3763
Propane	C3:	6.9095	1.9031
Iso-Butane	IC4:	0.8956	0.2930
Nor-Butane	NC4:	1.9516	0.6151
Iso-Pentane	IC5:	0.4767	0.1743
Nor-Pentanes	NC5:	0.4881	0.1769
Hexanes Plus	C6+:	0.9381	0.4078
Totals		100.0000	6.9465

Pressure Base: 14.730  
Real BTU Dry: 1316.260  
Real BTU Wet: 1293.409  
  
Calc. Ideal Gravity: 0.7891  
Calc. Real Gravity: 0.7921  
Field Gravity:  
Standard Pressure: 14.696  
Ideal BTU Dry: 1307.749  
Ideal BTU Wet: 1284.994  
Z Factor: 0.9958  
Average Mol Weight: 22.8557  
Average CuFt/Gal: 54.0291  
26 lb. Product: 1.1738  
Ethane+ GPM: 6.9465  
Propane+ GPM: 3.5702  
Butane+ GPM: 1.6671  
Pentane+ GPM: 0.7590

Remarks:  
H2S IN GAS STREAM ON LOCATION: 0.1400% = 1,400 PPM

Analysis By: Don Norman



## **H2S RADIUS OF EXPOSURE** **YATES PETROLEUM**

**JOYCE FEDERAL COM No. 002**

H2S Concentration - PPM – (Gas Stream) 1400

MCF/Day - 81

500 PPM Radius of Exposure - 12ft.

100 PPM Radius of Exposure - 26ft.

Created By Safety Consultant Nicholas Hughes on August 14, 2015