

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

JUN 30 2014

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator YATES PETROLEUM CORPORATION		8. Lease Name and Well No. BENSON DEEP AAS FEDERAL COM 2H	
3. Address 105 SOUTH FOURTH STREET ARTESIA, NM 88210		9. API Well No. 30-015-41247-00-S1	
3a. Phone No. (include area code) Ph: 575-748-4272		10. Field and Pool, or Exploratory LEO	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 660FNL 300FWL At top prod interval reported below NWNW 660FNL 300FWL At total depth NENE 939FNL 325FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 33 T18S R30E Mer NMP	
14. Date Spudded 12/04/2013		15. Date T.D. Reached 01/03/2014	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/13/2014		17. Elevations (DF, KB, RT, GL)* 3425 GL	
18. Total Depth: MD 12748 TVD		19. Plug Back T.D.: MD 12697 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL HI-RESLATEROLOG CBL	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000		0	40				0	
17.500	13.375 J-55	48.0	0	339		435		0	
12.250	9.625 J-55	40.0	0	3526		1060		0	
8.500	5.500 P-110	17.0	0	12745	6494	1725		3530	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8252	8246						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8507	12687	8507 TO 12687		468	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8507 TO 12687	ACIDIZED WITH 67,500G 7.5 PERCENT HCL ACID, FRAC WITH A TOTAL OF 4,768,156 LBS 20/40 AND 16/30 WS

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/14/2014	03/18/2014	24	▶	428.0	325.0	529.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36/64	SI	290	▶	428	325	529		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		▶						

ACCEPTED FOR RECORD

JUN 22 2014

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #250001 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

RECLAMATION  
DUE 9-17-14

HB

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	268	749		RUSTLER	268
TOP SALT	750	1356		TOP SALT	750
BASE OF SALT	1357	1396		BASE OF SALT	1357
TANSILL	1397	1649		TANSILL	1397
YATES	1650	1956		YATES	1650
SEVEN RIVERS	1957	2709		SEVEN RIVERS	1957
QUEEN	2710	3175		QUEEN	2710
GRAYBURG	3176	3570		GRAYBURG	3176

32. Additional remarks (include plugging procedure):  
Amended question 51:

51. Summary of Porous Zones (Include Aquifers):  
 Top Bottom  
 Cherry Canyon 3571 4283  
 Brush Canyon 4284 5322  
 Bone Spring 5323 12748  
 Refer to logs.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #250001 Verified by the BLM Well Information System.  
 For YATES PETROLEUM CORPORATION, sent to the Carlsbad  
 Committed to AFMSS for processing by DUNCAN WHITLOCK on 06/19/2014 (14DW0091SE)**

Name (please print) LAURA WATTS Title REG REPORTING TECHNICIAN

Signature (Electronic Submission) Date 06/18/2014

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.

**\*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #250001 that would not fit on the form**

**32. Additional remarks, continued**

52. Formation (Log) Markers continued  
Cherry Canyon - 3571  
Brushy Canyon - 4284  
Bone Spring - 5323