

NM OIL CONSERVATION
ARTESIA DISTRICT

ARTESIA

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

5. Lease Serial No.
NNNM62211

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

2. Name of Operator **YATES PETROLEUM CORPORATION** Contact: LAURA WATTS
Mail: laura@yatespetroleum.com

8. Lease Name and Well No.
HANAGAN APL FED COM 3H

3. Address 105 SOUTH FOURTH STREET ARTESIA, NM 88210
3a. Phone No. (include area code) Ph: 575-748-4272

9. API Well No.
30-015-39801-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWSW 660FSL 180FWL
At top prod interval reported below SWSW 660FSL 180FWL
At total depth SESE 660FSL 340FEL

10. Field and Pool, or Exploratory
PARKWAY
11. Sec., T., R., M., or Block and Survey or Area Sec 31. T19S R30E Mer NMP
12. County or Parish EDDY
13. State NM

14. Date Spudded 01/02/2014
15. Date T.D. Reached 02/11/2014
16. Date Completed D & A Ready to Prod. 04/08/2014

17. Elevations (DF, KB, RT, GL)*
3326 GL

18. Total Depth: MD 13017 TVD
19. Plug Back T.D.: MD 12968 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL
22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No 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
36.000			0	80				0	
26.000	20.000 J-55	106.5	0	275		1501		0	
17.500	13.375 H-40	48.0	0	1688		970		0	
12.250	9.625 J-55	36.0	0	3511		900		0	
8.500	5.500 P-110	17.0	0	13015	7392	1930		2080	

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	7881							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8436	12958	8436 TO 12958		442	PRODUCING
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8436 TO 12958	ACIDIZED W/72.900G 7.5 PERCENT HCL ACID, FRAC W/ A TOTAL OF 4,615,205 LBS 16/30 RCS&20/40 WHITE SAND

ACCEPTED FOR RECORD
JUN 22 2014
[Signature]
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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
04/09/2014	04/14/2014	24	→	252.0	245.0	477.0			ELECTRIC PUMPS SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64	380	160.0	→	252	245	477		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #250144 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

RECLAMATION
DUE 10-8-14

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	330	496		RUSTLER	330
TOP SALT	497			TOP SALT	497
BASE OF SALT	1491			SEVEN RIVERS	1690
YATES	1492			CAPITAN REEF	1838
SEVEN RIVERS	1690			DELAWARE	3633
CAPITAN REEF	1838			CHERRY CANYON	3796
DELAWARE	3633			BRUSHY CANYON	4337
CHERRY CANYON	3796				
BRUSHY CANYON	4337	6079			

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

51. Summary of Porous Zones (Include Aquifers) continued: Top,Bottom
Bone Spring 6080-13017
Refer to logs

52. Formation (Log) Markers continued
Bone Spring - 6080

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 #250144 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 (14DW0094SE)**

Name (please print) LAURA WATTS Title REG REPORTING TECHNICIAN

Signature (Electronic Submission) Date 06/19/2014

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 ****