

OPERATOR'S COPY

Handwritten: *anacapa 1-11*
Sent to RMOCD
12-21-11

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

EC

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
 NMM101580

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: TINA HUERTA
 Email: tinah@yatespetroleum.com

8. Lease Name and Well No.
 GRID IRON BL FEDERAL 3

3. Address 105 SOUTH 4TH STREET
 ARTESIA, NM 88210

3a. Phone No. (include area code)
 Ph 575-748-4168

9. API Well No.
 30-005-64145-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SWSW 990FSL 330FWL

At top prod interval reported below SWSW 990FSL 330FWL

At total depth SWSW 990FSL 330FWL

10. Field and Pool, or Exploratory
 COYOTE-WOLFCAMP

11. Sec., T., R., M., or Block and Survey
 or Area Sec. 6 T. 12S R. 27E Mer. NMP

12. County or Parish
 CHAVES

13. State
 NM

14. Date Spudded
 05/27/2011

15. Date T.D. Reached
 06/17/2011

16. Date Completed
☐ D & A ☒ Ready to Prod
 11/07/2011

17. Elevations (DF, KB, RT, GL)*
 3742 GL

18. Total Depth MD 5476
 TVD 5476

19. Plug Back T.D. MD 5381
 TVD 5381

20. Depth Bridge Plug Set MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 CNL HI-RESLATEROLOG BOREHOLECOMP.SO 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8 625 J-55	24.0	0	1229		840	246	0	
7.875	5.500 L-80	17.0	0	5476	4020	720	272	500	

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	5336							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) WOLFCAMP	5182	5280	5182 TO 5189			PRODUCING
B)			5204 TO 5209			PRODUCING
C)			5212 TO 5214			PRODUCING
D)						

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

Depth Interval	Amount and Type of Material
5182 TO 5280	ACIDIZED WITH 6000G 20% NEFE HCL
5182 TO 5280	FRAC WITH CO2 FORM FRAC, 20LB XL GEL, 1009BBLs FLUID, 186 TONS CO2, 96.171LB 20/40 OTTAWA SAND

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
11/08/2011	11/14/2011	24	→	8.0	0.0	3.0			GAS PUMPING UNIT
Choke Size	Thg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	8	0	3		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	Thg. Press Flwg SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

David R. Glass
 NOV 29 2011

(See Instructions for additional data on reverse side)

ELECTRONIC SUBMISSION #123573 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

APPROVED FOR 6 MONTH PERIOD

ENDING MAY 07 2012

DAVID R. GLASS
 PETROLEUM ENGINEER

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	Thg 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	Thg 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
ARTESIA GROUP WOLFCAMP	0 5182	251 5280		SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA TUBB ABO WOLFCAMP	251 612 900 1141 2323 3804 4574 5166

32. Additional remarks (include plugging procedure)
43. PERFORATION RECORD (CONTINUED)
5218'-5221' - PRODUCING
5225'-5227' - PRODUCING
5229'-5237' - PRODUCING
5241'-5244' - PRODUCING
5246'-5249' - PRODUCING
5257'-5258' - PRODUCING
5269'-5271' - PRODUCING

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 #123573 Verified by the BLM Well Information System.
For YATES PETROLEUM CORPORATION, sent to the Roswell
Committed to AFMSS for processing by DAVID GLASS on 11/17/2011 (12DG0030SE)

Name (please print) TINA HUERTATitle REG COMPLIANCE SUPERVISOR

Signature _____ (Electronic Submission)

Date 11/17/2011

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 ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #123573 that would not fit on the form

32. Additional remarks, continued

5275' - PRODUCING
5277'-5280' - PRODUCING

2 COPIES OF LOGS MAILED 11/17/11 TO BLM-ROSWELL

Revisions to Operator-Submitted EC Data for Well Completion #123573 :

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM101580	NMNM101580
Agreement:	NA	
Operator:	YATES PETROLEUM CORPORATION 105 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-1471	YATES PETROLEUM CORPORATION 105 SOUTH 4TH STREET ARTESIA, NM 88210
Admin Contact:	TINA HUERTA REG COMPLIANCE SUPERVISOR E-Mail: tinah@yatespetroleum.com Ph: 575-748-4168 Fx: 575-748-4585	TINA HUERTA REG COMPLIANCE SUPERVISOR E-Mail: tinah@yatespetroleum.com Ph: 575-748-4168 Fx: 575-748-4585
Tech Contact:	TINA HUERTA REG COMPLIANCE SUPERVISOR E-Mail: tinah@yatespetroleum.com Ph: 575-748-4168 Fx: 575-748-4585	TINA HUERTA REG COMPLIANCE SUPERVISOR E-Mail: tinah@yatespetroleum.com Ph: 575-748-4168 Fx: 575-748-4585
Well Name: Number:	GRID IRON BLI FEDERAL 3	GRID IRON BLI FEDERAL 3
Location:		
State:	NM	NM
County:	CHAVES	CHAVES
S/T/R:	Sec 6 T12S R27E Mer	Sec 6 T12S R27E Mer NMP
Surf Loc:	SWSW 990FSL 330FWL	SWSW 990FSL 330FWL
Field/Pool:	WILDCAT; WOLFCAMP	COYOTE-WOLFCAMP
Logs Run:	CNL, HI-RES LATEROLOG, BOREHOLE COMP. SONIC	CNL, HI-RES LATEROLOG BOREHOLECOMP SO CBL
Producing Intervals - Formations:	WOLFCAMP	WOLFCAMP
Porous Zones:	SEVEN RIVERS, QUEEN GRAYBURG SAN ANDRES GLORIETA TUBB ABO WOLFCAMP	ARTESIA GROUP WOLFCAMP
Markers:	SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA TUBB ABO WOLFCAMP	SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA TUBB ABO WOLFCAMP