

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-65417
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: _____		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Yates Petroleum Corporation		7. Unit or CA Agreement Name and No. NA
3. Address 105 S. 4th Str., Artesia, NM 88210		8. Lease Name and Well No. Martha AIK Federal #13H
3a. Phone No. (include area code) 575-748-1471		9. API Well No. 30-015-37511
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1650'FNL & 330'FEL (Unit H, SENE) At top prod. Interval reported below BHL 1671'FNL & 4915'FEL (Unit E, SWNW)		10. Field and Pool or Exploratory Livingston Ridge; Delaware 11. Sec., T., R., M., on Block and Survey or Area Section 11-T22S-R31E 12. County or Parish 13. State Eddy New Mexico
14. Date Spudded RH 8/15/10 RT 8/26/10	15. Date T.D. Reached 9/26/10	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 12/14/10
17. Elevations (DF, RKB, RT, GL)* 3549'GL 3571'KB	18. Total Depth: MD 12,600' TVD NA	19. Plug Back T.D.: MD 12,525' TVD NA
20. Depth Bridge Plug Set: MD NA TVD NA		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL, Hi-Res Laterolog Array, 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 report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy) (ATTACHED)		

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20"	Cond.	0	90'		Redi-mix		0	
17-1/2"	13-3/8"	48#	0	835'		750sx "C"		0	
12-1/4"	9-5/8"	36#, 40#	0	4325'		1135sx "C"		0	
						225sx PremPlus			
						1750sx "H"			
8-3/4"	5-1/2"	17#	0	12,600'		800sx Interfill			
						100sx PremPlus		540'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7362'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	8828'	12,515'				
B)						
C)						

SEE ATTACHED SHEET

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

Depth Interval	Amount and Type of Material

SEE ATTACHED SHEET

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
12/15/10	12/20/10	24	→	273	330	1788	NA	NA	Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	240 psi	300 psi	→	273	330	1788	NA	Producing	

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	
			→						

(See instructions and spaces for additional data on page 2)

(1) Sent to pattern 1/14/11 p.m.

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.	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.	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	Description, Contents, etc.	Name	Top
					Meas. Depth
Rustler	687'	992'		Rustler	687'
TOS	993'	4142'		TOS	993'
BOS	4143'	4513'		BOS	4143'
Bell Canyon	4514'	5342'		Bell Canyon	4514'
Cherry Canyon	5343'	7173'		Cherry Canyon	5343'
Brushy Canyon	7174'	12,600'		Brushy Canyon	7174'

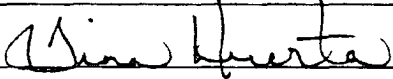
32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Deviation Survey

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

Name (please print) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date December 20, 2010

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.

(Continued on page 3)

(Form 3160-4, page2)

Yates Petroleum Corporation
 Martha AIK Federal #13H
 Section 11-T22S-R31E
 Eddy County, New Mexico
 Page 3

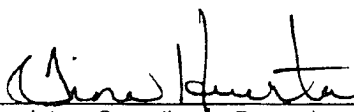
Form 3160-4 continued:

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
12,515'		12	Producing
12,405'		12	Producing
12,295'		12	Producing
12,185'		12	Producing
12,068'		12	Producing
11,948'		12	Producing
11,828'		12	Producing
11,708'		12	Producing
11,588'		12	Producing
11,468'		12	Producing
11,348'		12	Producing
11,228'		12	Producing
11,108'		12	Producing
10,988'		12	Producing
10,868'		12	Producing
10,748'		12	Producing

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
10,628'		12	Producing
10,508'		12	Producing
10,388'		12	Producing
10,268'		12	Producing
10,148'		12	Producing
10,028'		12	Producing
9908'		12	Producing
9788'		12	Producing
9668'		12	Producing
9548'		12	Producing
9428'		12	Producing
9308'		12	Producing
9188'		12	Producing
9068'		12	Producing
8948'		12	Producing
8828'		12	Producing

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

Depth Interval	Amount and Type of Material
12,185'-12,515'	Frac w/182,700g 30# linear and x-linked gel, 199,716# 20/40 white sand, 85,200# 20/40 Spotted 2500g 7-1/2% HCL
12,068'	
11,708'-12,068'	Frac w/182,700g 30# linear and x-linked gel, 195,153# 20/40 white sand, 82,322# 20/40 Spotted 2500g 7-1/2% HCL
11,648'	
11,228'-11,588'	Frac w/182,700g 30# linear and x-linked gel, 199,168# 20/40 white sand, 82,077# 20/40 Spotted 2500g 7-1/2% HCL
11,168'	
10,748'-11,108'	Frac w/182,700g 30# linear and x-linked gel, 197,400# 20/40 white sand, 81,775# 20/40 Spotted 2500g 7-1/2% HCL
10,688'	
10,268'-10,628'	Frac w/182,700g 30# linear and x-linked gel, 195,800# 20/40 white sand, 84,342# 20/40 Spotted 2500g 7-1/2% HCL
10,208'	
9788'-10,148'	Frac w/182,700g 30# linear and x-linked gel, 197,640# 20/40 white sand, 91,750# 20/40 Spotted 2500g 7-1/2% HCL
9728'	
9308'-9668'	Frac w/182,700g 30# linear and x-linked gel, 195,100# 20/40 white sand, 88,900# 20/40 Spotted 2500g 7-1/2% HCL
9188'	
8828'-9188'	Frac w/193,662g 30# linear and x-linked gel, 200,200# 20/40 white sand, 101,000# 20/40


 Regulatory Compliance Supervisor
 December 20, 2010