

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other

2. Name of Operator
Yates Petroleum Corporation

3. Address
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)
505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 1980'FSL & 660'FWL (Unit L, NWSW)
At top prod. Interval reported below Same as above
At total depth Same as above

5. Lease Serial No.
NM-90530

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Emjay BBJ Federal #1

9. API Well No.
30-005-21185

10. Field and Pool, or Exploratory
Wildcat Mississippian Lime

11. Sec., T., R., M., on Block and Survey or Area
Section 8-T6S-R30E

12. County or Parish
Chaves

13. State
New Mexico

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DEC - 4 2003

OCD-ARTESIA

14. Date Spudded
RH 2/28/03 RT 6/30/03

15. Date T.D. Reached
8/6/03

16. Date Completed
10/24/03
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
4238'GL 4252'KB

18. Total Depth: MD 8675'
TVD NA

19. Plug Back T.D.: MD 7995'
TVD NA

20. Depth Bridge Plug Set: MD 8190', 8100' & 7995'
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, Azimuthal Laterolog, Borehole Compensated Sonic

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

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
	16"		Surface	40'		Conductor		Surface	
17-1/2"	13-3/8"	48#	Surface	414'		400 sx		Surface	
12-1/4"	9-5/8"	36#	Surface	2400'		1050 sx		Surface	
8-3/4"	5-1/2"	15.5#, 17#	Surface	8675'		1125 sx		Surface	

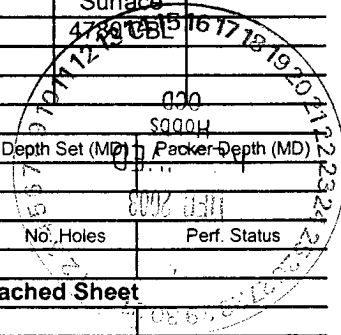
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7857'	7857'						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mississippian Lime	7930'	7968'				
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
8220'-8238'	Acidize w/1800g 15% IC HCL
8128'-8140'	Acidize w/1200g 15% IC HCL
8014'-8042'	Acidize w/2600g 15% IC HCL
7930'-7968'	Acidize w/2400g 15% IC HCL
7302'-7314'	Acidize w/1200g 15% IC HCL

28. Production - Interval A								ARMANDO A. LOPEZ	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/24/03	8/29/03	24 hrs	⇒	10	15	66	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	NA	NA	⇒	10	15	66	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	



ACCEPTED FOR RECORD

DEC 1 2003

ARMANDO A. LOPEZ

Production Method

KZ

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.)

Vented

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	1283'
				Salado	1318'
				Queen	1964'
				Grayburg	2248'
				San Andres	2404'
				Glorieta	3562'
				Yeso	3682'
				Tubb	5071'
				Abo	5847'
				Wolfcamp	6576'
				Wolfcamp B Zone	6672'
				Spear	6913'
				Cisco	7185'
				Strawn	7630'
				Mississippian	7887'
				Siluro-Devonian	8321'
				Pre-Cambrian	8564'

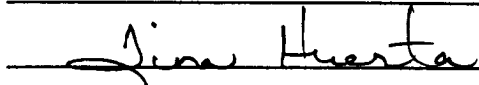
32. Additional remarks (include plugging procedure):

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: 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 November 18, 2003

Yates Petroleum Corporation
Emjay BBJ Federal #1
Section 8-T6S-R30E
Chaves County, New Mexico

Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
8220'-8238'	.42"	38	Under CIBP
8128'-8140'	.42"	26	Under CIBP
8014'-8026'	.42"		Under CIBP
8028'-8042'	.42"	56 total	Under CIBP
7930'-7938'	.42"		Producing
7946'-7952'	.42"		Producing
7958'-7968'	.42"	54 total	Producing
7302'-7314'	.42"		Producing