

3160-4
(A)
(004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

a. 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 330'FSL & 530'FWL (Unit M, SWSW)

At top prod. Interval reported below

At total depth Same as above

Same as above

5. Lease Serial No.

NM-82904

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Adeline ALN Federal #13

9. API Well No.

30-015-32942

10. Field and Pool, or Exploratory

Sand Dunes, Delaware, South

11. Sec., T., R., M., on Block and
Survey or Area

Section 6-T24S-R31E

12. County or Parish 13. State

Eddy

New Mexico

14. Date Spudded
RH 8/26/06 RT 9/1/06

15. Date T.D. Reached
9/17/06

16. Date Completed 10/18/06
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3458'GL 3475'KB

18. Total Depth: MD 8240'
TVD NA

19. Plug Back T.D.: MD 8194'
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? ☒ 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
26"	20"	Conductor	Surface	40'				Surface	
17-1/2"	13-3/8"	48#	Surface	562'		680 sx		Surface	
11"	8-5/8"	24#, 32#	Surface	4121'		1680 sx		Surface	
7-7/8"	5-1/2"	17#	Surface	8240'		1135 sx		Surface	

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"	8004'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	6906'	7950'				
B)						
C)						
D)						

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
10/19/06	11/6/06	24	⇒	184	140	327	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	NA	NA	⇒	184	140	327	NA		

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	
			⇒						

Producing
ACCEPTED FOR RECORD
DEC 8 2006
FREDERICK WRIGHT
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	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	504'
				TOS	902'
				BOS	3934'
				Bell Canyon	4200'
				Cherry Canyon	5146'
				Brushy Canyon	6850'
				Bone Spring	8038'

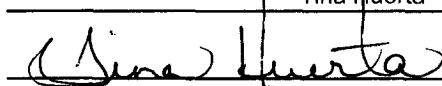
32. Additional remarks (include plugging procedure):

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 November 28, 2006

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.

Yates Petroleum Corporation
Adeline ALN Federal #13
Section 6-T24S-R31E
Eddy County, New Mexico
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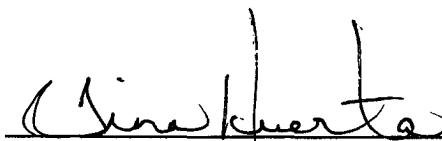
Form 3160-4 continued:

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
7796'-7800'		5	Producing
7935'-7950'		16	Producing
6906'-6914'		9	Producing
6972'-6978'		7	Producing
7080'-7090'		11	Producing
7120'-7140'		21	Producing

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

Depth Interval	Amount and Type of Material
7796'-7950'	Acidize w/1500g 7-1/2% HCL acid ahead of frac
7796'-7950'	Frac with a water frac, 1089 bbls fluid, 35,000# 20/40 Ottawa and 60,000# 20/40 Expedite
6906'-7140'	Acidize w/1500g 7-1/2% HCL acid with 80 ball sealers
6906'-7140'	Frac with a water frac, 1182 bbls fluid, 45,000# 20/40 Ottawa and 75,000# 20/40 Expedite



Regulatory Compliance Supervisor
November 28, 2006

OPERATOR
WELL/LEASE
COUNTY

Yates Petroleum Corporation
Adeline ALN Fed #13
Eddy Co., N.M.

142-0047

STATE OF NEW MEXICO
DEVIATION REPORT

184	0.25
368	0.25
563	0.25
4,210	1.00
4,471	0.75
4,658	0.75
5,169	1.00
5,693	1.00
6,187	0.50
6,666	0.50
7,179	0.75
7,656	0.75
8,240 T.D.	1.50

STATE OF TEXAS

COUNTY OF MIDLAND

BY: Steve Moore

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

September 27, 2006, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

