

N.M. Oil Cons. Division

Form 3160-4
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

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 NWSW 1650' FSL & 990' FWL

At top prod. Interval reported below

At total depth

5. Lease Serial No.

NMNM81274

6. If Indian, Allottee or Tribe Name

N/A

7. Unit or CA Agreement Name and No.

N/A

8. Lease Name and Well No.

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9. API Well No.

30-025-36192

10. Field and Pool, or Exploratory

W. H. Tank
Diamondtail Delaware
Diamondtail Bone Spring

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

1-T23S-R32E

12. County or Parish

Lea

13. State

NM

14. Date Spudded

6/23/03 RH
6/26/03 RT

15. Date T.D. Reached

7/11/03

16. Date Completed

10/10/03

☐ D & A☒ Ready to Prod.

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

3749' GR 3767' KB

18. Total Depth: MD 9150'
TVD

19. Plug Back T.D.: MD 9107'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL, Micro-CFL/GR

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'					
14-3/4"	11-3/4"	42#	Surface	1280'		700 sx		Surface	
11"	8-5/8"	32#	Surface	4850'		1350 sx		Surface	
7-7/8"	5-1/2"	15.5#, 17#	Surface	9150'		1360 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"	9076'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Brushy Canyon	8608'	8825'				
B) Avalon Sand	8992'	9020'				SEE ATTACHED
C)						
D)						

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

Depth Interval	Amount and Type of Material
	SEE ATTACHED

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
8/5/03	7/31/03	24	⇒	172	0	259			Pumping
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒					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
8/5/03	7/24/03	24	⇒	12	0	12			Pumping
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

JUN 22 2003

GARY GOURLEY
PETROLEUM ENGINEER

Producing

Producing

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.)

Will be 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	1259'				
TOS	1266'				
BOS	4734'				
Bell Canyon	5010'				
Cherry Canyon	5883'				
Brushy Canyon	7214'				
Bone Spring	8848'				

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:

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

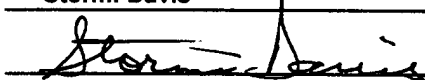
Name(please print)

Stormi Davis

Title

Regulatory Compliance Tech

Signature



Date

10/20/03

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.

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1-23S-32E

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
8992-99'		16	Open
9017-20'		8	Open
8608-18'		22	Open
8664-74'		22	Open
8754-58'		10	Open
8820-25'		12	Open
8058-68'		22	Sqz
7355-62'		16	Sqz
7558-62'		10	Sqz
7640-52'		22	Sqz
7670-76'		14	Sqz
7160-64'		10	Sqz
7170-73'		8	Sqz
7176-79'		8	Sqz
7182-85'		8	Sqz
6724-30'		14	Sqz
6738-44'		14	Sqz

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
8992-9020'	500g 7-1/2% IC HCl w/30 BS
8992-9020'	Frac w/68300# Super L/C
8608-8825'	7-1/2% IC HCl in 4 Stages
8058-68'	500g 7-1/2% NEFE HCL w/25 BS
8058-68'	Squeeze w/100 sx H Neat
7640-76'	1000g 7-1/2% NEFE HCl w/45 BS
7558-62'	500g 7-1/2% NEFE HCl w/15 BS
7355-62'	500g 7-1/2% NEFE HCl w/20 BS
7160-85'	1500g 7-1/2% NEFE HCl w/45 BS
6724-44'	1000g 7-1/2% acid w/35 BS
7355-7676'	Squeeze w/200 sx H Neat
7160-85'	Squeeze w/100 sx H Neat
6724-44'	Squeeze w/100 sx H Neat