

New Mexico Oil Conservation Division, District I
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
225 N. French Drive
Albuquerque, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM-15807

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Cactus Queen Unit

8. Lease Name and Well No.

Cactus Queen Unit #18

9. API Well No.

30-005-21187

10. Field and Pool, or Exploratory

Chaves Queen SE Assoc.

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

Section 27-12S-31E

12. County or Parish 13. State

Chaves

NM

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

4432' GL

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 Drilling Company

3. Address

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

3a. Phone No. (include area code)

505-748-8463

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

At Surface 1370' FSL & 1650' FEL

At top prod. interval reported below

At total depth

14. Date Spudded

1/10/2005

15. Date T.D. Reached

1/18/2005

16. Date Completed

2/25/2005

☐ D & A

☒ Ready to Prod.

18. Total Depth: MD

3136'

TVD

19. Plug Back T.D.:

MD

TVD

20. Depth Bridge Plug Set:

MD

TVD

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

CSNG/DSN/SDL; DLL-MGL

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
12 1/4"	8 5/8"	24		430'	430'	300 sxs "C"	72	circ	none
7 7/8"	5 1/2"	15.5		3132'	3132'	550 sxs "C"	188	circ	none

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"	3026'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Queen	3012'	3056'	3012'-3032'	0.51"	20	Producing
B)			3038'-3056'	0.51"	18	Producing
C)						
D)						

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

Depth Interval	Amount and Type of Material
3012'-3056'	3000 gals. 15% HCL acid
3012'-3056'	36,000 gals. 9.5% brine, 30,970 gals. 35# linear gel and 8000 # Lite Prop 125/160/30
	36,260 # Brown Sand 16/30 and 16,400# Super LC 16/30.

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
2/25/2005	3/18/2005	24	⇒	5.48	0	168	32.6		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒	5.48	0	168			

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. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

ACCEPTED FOR RECORD
Producing

APR 12 2005

ARMANDO A. LOPEZ
PETROLEUM ENGINEER

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. 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	Tbg. 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.)

TSTM

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	1438'
				Salt (top)	1512'
				Salt (base)	2082'
				Yates	2228'
				Seven Rivers	2364'
				Queen	2990'
				TD	3136'

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

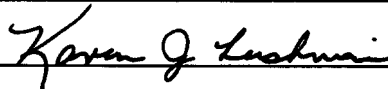
7. Other:

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) Karen J. Leishman

Title Operations Tech

Signature



Date 3/22/2005

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.

