

## N.M. Oil Cons. DIV-Dist. 2

Form 3160-4  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1501 W. Grand Avenue

Albuquerque, NM 88210

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NM-14785

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Bennett Federal #2

9. API Well No.

30-015-32189 SI

10. Field and Pool, or Exploratory

Corral Canyon/Bone Springs

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

30-25S-30E

12. County or Parish 13. State

Eddy

NM

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

3113' GR

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

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

2310' FSL &amp; 2310' FWL

At top prod. Interval reported below

At total depth

RECEIVED

NOV 22 2005

OOD-ARTESIA

14. Date Spudded  
1/23/200515. Date T.D. Reached  
2/20/200516. Date Completed  
☐ D & A ☒ Ready to Prod. 4/2/200518. Total Depth: MD 10,450'  
TVD19. Plug Back T.D.: MD 10260'  
TVD20. Depth Bridge Plug Set: MD  
TVD

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

DLL-MGL, CSNG-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
14.75	11 3/4" J-55	42#			560'	350 "C"		Circ	
11	8 5/8" J-55	32#			3430'	800 "C"		Circ.	
7.875	5 1/2" N80	17#			10453'	1500 "C"		Circ.	

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"	9891'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs	9672'	9714'	9672'-9714'	.36"	2SPF	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
9672'-9714'	3500 gals. 15% HCL, with 120 ball sealers.
	Frac'd with 62,820# Versaprop 18/40; 20,100# Super LC 20/40; 45,000 gals Medallion 3500 pad;
	9324 gals 35# linear gel.

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
11/2/2005	11/5/05	24	⇒	4.64	10.7	11.6	42.6		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
				4.64	10.7	11.6	2.3/1		

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

NOV 21 2005

ALEXIS C. SWOBODA  
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. 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.)

## 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	557'
				Top of Salt	784'
				Bell Canyon	3492'
				Cherry Canyon	4572'
				Brushy Canyon	5976'
				1st Bone Spring Sand	7530'
				2nd Bone Spring Sand	9022'
				3rd Bone Spring Sand	9662'
				TD	10453'

## 32. Additional remarks (include plugging procedure):

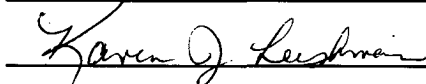
## 33. Circle enclosed attachments:

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) **Karen J. Leishman**Title **Operations Tech**

Signature


Date **11/16/2005**

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.