

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

6CD-HOBBS

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NM-94095				
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr., Other: <b>DHC-3639</b>						6. If Indian, Allottee or Tribe Name N/A				
2. Name of Operator Yates Petroleum Corporation						7. Unit or CA Agreement Name and No. N/A				
3. Address 105 S. 4th Str., Artesia, NM 88210				3a. Phone No. (include area code) 505-748-1471		8. Lease Name and Well No. Caper BFE Federal 2				
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At Surface 2310' FSL 2310' FWL  At top prod. Interval reported below Same as above  At total depth Same as above						9. API Well No. 30-025-37439				
						10. Field and Pool, or Exploratory Wildcat Bone Spring				
						11. Sec., T., R., M., on Block and Survey or Area Sec 17-T21S-R32E				
						12. County or Parish Lea		13. State NM		
14. Date Spudded 9/23/05 RH; 9/29/05 RT		15. Date T.D. Reached 10/20/05		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 2/14/06		17. Elevations (DF, RKB, RT, GL)* 3637' GL				
18. Total Depth: MD 10600' TVD NA		19. Plug Back T.D.: MD 10280' TVD NA		20. Depth Bridge Plug Set: MD 10280' TVD NA						
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  CNL, Laterolog, CBL				22. Was Well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sk & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled	
26"	20"	Conductor		40'						
17-1/2"	13-3/8"	48	Surface	1080'		875 sx		Surface		
12-1/4"	8-5/8"	32	Surface	4207'		1975 sx		Surface		
7-7/8"	5-1/2"	15.5, 17	Surface	10600'		1700 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"	8197'									
25. Producing Intervals					26. Perforation Record					
Formation		Top		Bottom		Perforated Interval		Size	No. Holes	Perf. Status
A) Delaware		6646'		8431'						
B) Bone Spring		9603'		9716'						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 1/19/06	Test Date 1/18/06	Hours Tested 24	Test Production ↻	Oil BBL 142	Gas MCF 221	Water BBL 635	Oil Gravity Corr. API	Gas Gravity	Production Method Pumping FEB 21 2006	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ↻	Oil BBL 142	Gas MCF 221	Water BBL 635	Gas: Oil Ratio	Well Status	Producing LEE BABYAK PETROLEUM ENGINEER	
28a. Production-Interval B										
Date First Produced 2/14/06	Test Date 2/15/06	Hours Tested 24	Test Production ↻	Oil BBL 19	Gas MCF 14	Water BBL 4	Oil Gravity Corr. API	Gas Gravity	Production Method Pumping	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ↻	Oil BBL 19	Gas MCF 14	Water BBL 4	Gas: Oil Ratio	Well Status	Producing	

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## 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.

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				Rustler	1028'
				Top of Salt	1114'
				Bottom of Salt	4180'
				Bell Canyon	4482'
				Cherry Canyon	5396'
				Brushy Canyon	6703'
				Bone Spring	8463'
				First Bone Spring Sand	9514'
				Second Bone Spring	10140'

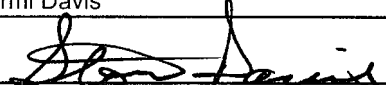
## 32. Additional remarks (include plugging procedure):

## 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:

## 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 Technician

Signature  Date 2/16/06

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.

Caper BFE Federal 2  
 Sec 17-T21S-R32E  
 30-025-37439  
 Form 3160-4 - Item 26 and Item 27 Attachment

26. Perforation Record			
Perforated Interval	Size	No. Holes	Perf. Status
10318-34'		17	CIBP
9603-11'		9	Open
9686-92'		7	Open
9712-16'		15	Open
8242-46'		5	Open
8311-24'		14	Open
8328-34'		7	Open
8362-64'		3	Open
8408-17'		10	Open
8429-31'		3	Open
7750-54'		5	Open
7884-7900'		17	Open
7096-7112'		17	Open
6646-6660'		15	Open
6762-6768'		7	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
10318-34'	750 gal 7-1/2% HCl
9686-9716'	750 gal 7-1/2% HCl
9603-11'	500 gal 7-1/2% HCl
9603-9716'	Frac w/gelled fluid frac - pumped 50870# 20/40 Super LC
8242-8431'	Frac w/100005# prop, 49075# 20/40 Ottawa and 50930# 20/40 coated
7884-7900'	750 gal 7-1/2% HCl
7750-54'	250 gal 7-1/2% IC HCl
7750-7900'	Frac w/50540# 16/30 Siber Prop
7096-7112'	750 gal 7-1/2% IC HCl
7096-7112'	Frac w/32990# 20/40 Super LC
6762-6768'	250 gal 7-1/2% IC HCl
6646-60'	550 gal 7-1/2% IC HCl

Signature: \_\_\_\_\_  
 Name: Stormi Davis  
 Title: Regulatory Compliance Technician  
 Date: 2/16/06

