

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB NO 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5 Lease Serial No MN-28172			
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resrv.						6 If Indian, Allottee or Tribe Name			
Other _____						7 Unit or CA Agreement Name and No			
2 Name of Operator Encore Operating, L.P.						8 Lease Name and Well No Delta Federal #2			
3 Address 777 Main St STE 1400 FW TX 76102				3a Phone No (include area code) 817-877-9955		9 AFI Well No 30-015-34807			
4 Location of Well (Report location clearly and in accordance with Federal requirements)* 1700' FSL & 660' FEL At surface						10 Field and Pool or Exploratory Chosa Draw- Morow			
At top prod interval reported below SAME						11 Sec. T. R. M. on Block and Survey or Area Sec7 25S 26E			
At total depth SAME						12 County or Parish EDDY		13 State NM	
14 Date Spudded 10/18/2007		15 Date T.D. Reached 12/01/2007		16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17 Elevations (DF, RKB, RT, GL)* 3362			
18 Total Depth MD TVD		19 Plug Back T.D. MD TVD		20 Depth Bridge Plug Set MD TVD		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)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Gr/CCL									
23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (#/ft)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48	0	432	-----	580 C	141	surface	
12 1/4	9 5/8	40	0	2047	-----	660 C		surface	
8 3/4	7	29	0	9349	7069	1465 H	625	surface	
6 1/8	4 1/2	11.6	9014	11850	-----	275 H		8643	
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 3/8	11486	11486							
25 Producing Intervals									
Formation		Top	Bottom	26 Perforation Record		Size	No. Holes	Perf. Status	
A)				Perforated Interval					
				11515 - 11523		4	33	open	
B)				11581 - 11630		2	42	open	
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval		Amount and Type of Material							
11515 - 11630		FRAC w/ 77280# ceramic + 20/40 Propan							
		10699 gal 7% KCL							
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
3/5/08	3/10/08		➔	0	2020	15	N/A	0.723	FLOWING
Choke Size	Tbg. Press Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64	600	0	➔	0	2020	15	N/A	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
			➔						
Choke Size	Tbg. Press Flwg SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD  
MAR 18 2008  
JERRY FANT  
PETROLEUM GEOLOGIST

## 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 (Solid, 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	Descriptions, Contents, etc	Name	Top
					Meas Depth
Cherry Canyon	2565				
Brushy Canyon	3498				
Bone Spring	7600				
wolfcamp	7786				
Strawn	10424				
Atoka	10699				
Morrow	11209				
Morrow Lower	11726				

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BUREAU OF LAND MGMT  
OIL & GAS DIVISION  
CADDISVILLE OFFICE

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 Report

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) Mary Carter StarkeyTitle Reg. AnalystSignature Mary Carter StarkeyDate 3/10/08

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

(Continued on page 3)

(Form 3160-4, page 2)

ENCORE DELTA FED # 2

EDDY COUNTY, NEW MEXICO

LEASE & WELL

(Give Unit, Section, Township and Range)

OPERATOR

ENCORE OPERATING, LP 777 MAIN ST, SUITE 1400  
FORT WORTH, TEXAS 76102

DRILLING CONTRACTOR

NABORS DRILLING USA, LP

The Undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH	DEGREES @ DEPTH
1/4 80	1 6306	2 11800	
1 428	1/4 6703		
1 730	2 1/4 7260		
1/4 930	1 7387		
2 1/2 1428	1 1/4 7670		
1 3/4 1520	1 7961		
1 1999	0.75 8437		
1/2 2480	1.25 8914		
1/4 2957	2 9667		
1/2 3434	2 1/2 9953		
3/4 3911	3 10238		
1/2 4388	2 3/4 10352		
1/4 4895	2 1/4 10670		
1/2 5274	2 10988		
1/2 5830	1 3/4 11305		

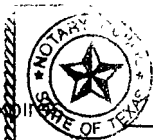
Drilling Contractor

Nabors Drilling USA, LP

By

Keith Dunn-District Manager

Subscribed and sworn to before me this 5<sup>th</sup> day of January, 2008



ANNA WESTBROOK  
Notary Public  
STATE OF TEXAS  
My Comm. Exp. 01/07/2009

Notary Public

My Commision Expires

MIDLAND

County

TEXAS