

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		FEB 12 2008 OCD-ARTESIA		5. Lease Serial No NM-029128
2. Name of Operator ENCORE OPERATING, L.P.		ATTN: BILLY JUROSKA		6. If Indian, Allottee or Tribe Name S
3a. Address 777 MAIN ST., SUITE 1400, FORT WORTH, TX 76102		3b. Phone No. (include area code) 817.877.9955		7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNIT LETTER J 1,650' FSL & 1,650' FEL SEC. 27, T-21S, R-25E				8. Well Name and No ENCORE "27" #1 CATCLAW COM.
				9. API Well No 30-015-21343
				10. Field and Pool, or Exploratory Area CATCLAW DRAW - MORROW
				11. County or Parish, State EDDY COUNTY N.M.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

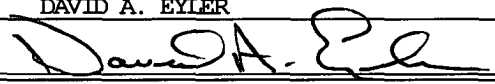
COMPLY WITH ALL COMPANY & GOVERNMENT ENVIRONMENT & SAFETY REGULATIONS. ANYONE ON JOB LOCATION HAS THE AUTHORITY TO SHUT DOWN UNSAFE OPERATIONS.

- 1) CIRC. WELL W/ 9.5# PXA MUD FROM PBTD = 10,640'.
- 2) MIX & PUMP A 25 SX. CLASS "H" CMT. PLUG @ 8,125'-7,925'; WOC & TAG CMT. PLUG.
- 3) MIX & PUMP A 25 SX. CLASS "C" CMT. PLUG @ 5,200'-5,000'; WOC & TAG CMT. PLUG.
- 4) CUT & PULL 5-1/2" CASING @ +/-2,070'.
- 5) MIX & PUMP A 100 SX. CLASS "C" CMT. PLUG @ 2,245'-2,020'; WOC & TAG CMT. PLUG.
- 6) MIX & PUMP A 45 SX. CLASS "C" CMT. PLUG @ 1,100'-1,000'.
- 7) MIX & PUMP A 95 SX. CMT. SURFACE PLUG @ 235'-5'.
- 8) DIG OUT & CUT OFF WELLHEAD 5' B.G.L.; WELD ON STEEL PLATE & INSTALL DRY HOLE MARKER.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

ACCEPTED FOR RECORD

FEB 14 2008

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) DAVID A. EYLER		Title AGENT	Gerry Guye, Deputy Field Inspector NMOCD-District II ARTESIA
		Date 12/12/07	APPROVED FEB 9 2008 JAMES A. AMOS SUPERVISOR-EPS
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by	Title		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.			

ENCORE ACQUISITION COMPANY

ENCORE 27 CATCLAW UNIT #1

SPUD 9/11/74

API 30-015-21343

CURRENT TA STATUS

Billy Juroska 10/23/07

KB: 3475'

DF:

GL: 3459'

1650' FSL & 1650' FEL

Sec 27, T-21-S, R-25-E

Eddy County

New Mexico

Casing Strings:

? Conductor

16" (20" hole), 65# @ 185'

w/ 200 sxs cmt

TOC @ surface - circ

9-5-8" (14-3/4 & 12-1/4" hole), 40 & 36#,

@ 2,195' w/ 950 sxs cmt

TOC @ surface - circ

7/07 Pulled and tied in new P110
csg @ 2,072'

1/5/07 CBL - TOC @ 2,600'

12/20/2006

5-1/2" (7-7/8"), 17#, P-110

@ 10,920' w/ DV @ 8,024'

Cmt 1st stage w/735 sxs (circ off DV Tool)

Cmt 2nd stage w/1245 sxs - lost circ

10' cmt dump bailed
CIBP @ 10,650'

Morrow perfs 10,806-14'
10,738-46', 10,752-60', 10,786-806'
F 100K#, 65Q CO2 @ 50 BPM
Set PU to move water. Gas prod
did not offset SWD cost.

TD 10,920'

Encore Operating, L. P.
NMNM029128: Encore 27 Catclaw Com #1
1650' FSL & 1650' FEL
Section 27, T. 21 S., R. 25 E.
Eddy County, New Mexico

RE: Plugging and Abandonment, Conditions of Approval

Step 1, CIBP requires 35' cement, or 25 sacks minimum cement. Top of Morrow formation is at 10,438. Spot a balanced plug from 10,640' – 10,400'.

Step 2, Spot a balanced plug across the DV tool and the top of the Wolfcamp formation from 8,125' – 7,788, WOC and tag no lower than 7,788'.

Step 3, 4, & 5 good

Step 6, Spot a balanced plug across the top of the Caitan formation from 860' – 760'.

Step 7 good

If you have any questions, please contact Jim Amos at 505-234-5909.

J. Amos, 2/9/08

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.