

Subn: 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-38000
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 35825
7. Lease Name or Unit Agreement Name ENCORE "6" STATE
8. Well Number 1
9. OGRID Number 189951
10. Pool name or Wildcat VACUUM; ATOKA-MORROW, NORTH

4. Well Location  
Unit Letter F : 1650 feet from the NORTH line and 1650 feet from the WEST line  
Section 6 Township 17S Range 35E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
4025

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type DRILL Depth to Groundwater 50+ Distance from nearest fresh water well 1000+ Distance from nearest surface water 1000+

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 14000 bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

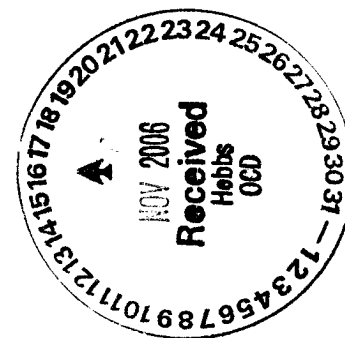
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached for casing and cementing of intermediate casing.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Ann Burdette Wiley

TITLE: SR. REGULATORY ANALYST DATE: 11/13/2006

Type or print name ANN BURDETTE WILEY  
For State Use Only

E-mail address: awiley@ocd.state.nm.gov Telephone No. 817-877-9955

APPROVED BY: Chris Williams

TITLE GENERAL MANAGER DATE DEC 22 2006

Conditions of Approval (if any):



# Casing, Liner and Cement report

Well Name: Encore "6" State 1

Intermediate

API/UWI 30-25-38000	Surface Legal Location Sec 6, T17S - R35E	Field Name Vacuum	Location New Mexico	County Lea	State/Province NM
Original KB Elevation (ft) 4,051.00	Ground Elevation (ft) 4,025.00	Casing Flange Elevation (ft)	KB-Ground Distance (ft) 26.00	Spud Date 10/30/2006 7:30:00 PM	Rig Release Date

Well Config: Vertical - Original Hole, 11/13/2006 8:42:50 AM			
ftKB (MD)	Incl	ftKB (TVD)	Schematic - Actual
0			
0	0.0	0	
521	1.0	521	
523	1.0	523	
567	1.0	567	
568	1.0	568	
3,025	1.7	3,025	
3,915	0.3	3,915	
4,390	0.3	4,390	
4,476	0.3	4,476	
4,477	0.3	4,477	
4,525	0.3	4,524	Intermediate Casing Cement, Depth 525-4,527 ftKB, 11/11/2006
4,527	0.3	4,526	
4,567	0.3	4,566	
4,568	0.3	4,567	
4,675			
7,450			
7,600			
8,810			
9,840			
11,680			
12,080			
12,218			
12,370			
12,503			
12,680			
12,750			

Wellbore									
Wellbore Name Original Hole		Profile Type		Kick Off Depth (ftKB)		Vertical Section Direction (*)			
Section		Size (in)		Act Top (ftKB)		Act Btm (ftKB)			
Wellhead									
Type									
Description		Make		Model		SN		Top WP (psi)	
Last Mud Check									
Date	Type	Depth (ftKB)	Dens (lb/gal)	Vis (s/qt)	Gel (10s) (lb/100ft <sup>3</sup> )	Gel (10m) (lb/100ft <sup>3</sup> )	PV OR (cp)	YP OR (lb/100ft <sup>3</sup> )	
Casing									
Casing Description Intermediate			Run Date		Set Depth (ftKB) 4,568.0		Wellbore Original Hole		
Centralizers 28					Scratchers				
Jts	Item Description	OD (in)	ID (in)	WT (lbs/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)	
0						0.00	-0.4	-0.4	
1...	Casing Joints	9 5/8	8.835	40.00	N-80	4,476.59	-0.4	4,476.2	
1	Float Collar	9 5/8	8.835	40.00		1.28	4,476.2	4,477.5	
2	Casing Joints	9 5/8	8.835	40.00	N-80	88.95	4,477.5	4,566.5	
1	Float Shoe	0				1.54	4,566.5	4,568.0	
Cement: Intermediate Casing Cement									
Cementing Start Date 11/11/2006			Cementing End Date 11/11/2006			Wellbore Original Hole			
Evaluation Method Returns to Surface			Cement Evaluation Results						
Comment									
Cement Stages: Intermediate Casing Cement									
Top (ftKB) 4,525.0	Bottom (ftKB) 4,527.0	Full Return? (Yes/No) Yes	CMnt Rtn... 39.0	Top Plug? No	Bottom Plug? No				
Q (start) (bbl/min) 7	Q (end) (bbl/min) 2	Q (avg) (bbl/min) 7	P (final) (psi) 1,430.0	P (bump) (psi) 1,430.0					
Pipe Reciprocated? No	Stroke (ft)	Reciprocation Rate (spm)	Pipe Rotated? No	Pipe RPM (rpm)					
Depth tagged (ftKB)	Tag Method	Plug Depth (ftKB)	Drill Out Diameter (in)	Drill Out Date					
Cement Fluids: Intermediate Casing Cement									
Fluid Type Spacer	Fluid Description				Amount (s...) 20.0	Class	Volume Pumped (bbl)		
Estimated Top (ftKB) 4,525.5	Estimated Bottom (ftKB) 4,527.0	Yield (ft <sup>3</sup> /sack)	Mix H2O Ratio (gal/sack)	Free Water (%)					
Density (lb/gal)	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)						
Cement Fluid Additives									
Add	Type				Conc				
Cement Fluids: Intermediate Casing Cement									
Fluid Type Lead	Fluid Description				Amount (s...) 1,030	Class C	Volume Pumped (bbl) 506.0		
Estimated Top (ftKB) 4,525.0	Estimated Bottom (ftKB) 4,527.0	Yield (ft <sup>3</sup> /sack) 2.76	Mix H2O Ratio (gal/sack) 16.43	Free Water (%)					
Density (lb/gal) 11.50	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)						
Cement Fluid Additives									
Add	Type				Conc				
Cement Fluids: Intermediate Casing Cement									
Fluid Type Tail	Fluid Description				Amount (s...) 200	Class H	Volume Pumped (bbl) 47.0		
Estimated Top (ftKB) 4,527.0	Estimated Bottom (ftKB) 4,527.0	Yield (ft <sup>3</sup> /sack) 1.32	Mix H2O Ratio (gal/sack) 6.32	Free Water (%)					
Density (lb/gal) 14.80	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)						