

*Submit 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. 30-025-37993
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. 35822
7. Lease Name or Unit Agreement Name ENCORE "36" STATE
8. Well Number 1
9. OGRID Number 189951
10. Pool name or Wildcat VACUUM; ATOKA-MORROW, NORTH

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
ENCORE OPERATING, L.P.

3. Address of Operator
777 MAIN STREET, STE. 1400 FORT WORTH, TX. 76102

4. Well Location

Unit Letter J : 1330 feet from the SOUTH line and 1750 feet from the EAST line
Section 36 Township 16S Range 34e NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4038

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: ☐

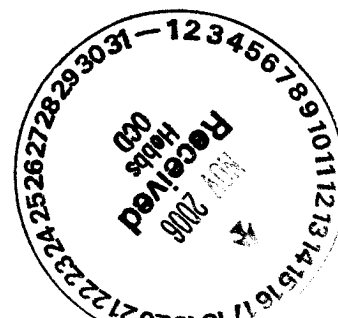
SUBSEQUENT REPORT OF:

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 Casing & Cementing Reports for the Intermediate, Production and Liner



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 Chris Williams TITLE SR. REGULATORY ANALYST DATE 11-9-2006

Type or print name ANN BURDETTE WILEY E-mail address: awiley@encoreacq.com Telephone No. 817-877-9955
For State Use Only

APPROVED BY: Chris Williams TITLE OCD DISTRICT SUPERVISOR/GENERAL MANAGER DATE DEC 22 2006
Conditions of Approval (if any):



Casing & Cement Report

Well Name: Encore "36" State 1

Intermediate

API/UWI 30-025-37993	Surface Legal Location Sec 36, T16S - R34E	Field Name Vacuum	Location New Mexico	County Lea	State/Province NM
Original KB Elevation (ft) 4,064.00	Ground Elevation (ft) 4,038.00	Casing Flange Elevation (ft) 4,038.00	KB-Ground Distance (ft) 26.00	Spud Date 8/20/2006 6:00:00 PM	Rig Release Date 10/25/2006 5:00:00 AM

Casing Detail:

Casing Description Intermediate	Run Date 8/28/2006 15:00	Set Depth (ftKB) 4,539.0	Wellbore Original Hole	Centralizers 28	Scratchers
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Casing Components

Jts	Icon	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Casing (black)	Landing Joint	8 5/8	7.921	32.00	J-55		32.25	-7.0	25.2
1	Liner (red)	Liner Pup Joint	8 5/8	7.921	32.00	J-55		7.16	25.2	32.4
103	Casing (black)	Casing Joints	8 5/8	7.921	32.00	J-55		4,419.51	32.4	4,451.9
1	Float collar	Float Collar	8 5/8	7.921	32.00	J-55		1.25	4,451.9	4,453.2
2	Casing (black)	Casing Joints	8 5/8	7.921	32.00	J-55		84.40	4,453.2	4,537.6
1	Casing shoe	Float Shoe	8 5/8	7.921	32.00	J-55		1.45	4,537.6	4,539.0

Cementing Job Details:

Description Intermediate Casing Cement	Type casing	String Intermediate, 4,539.0ftKB	Wellbore Original Hole
Cementing Start Date 8/29/2006 15:30	Cementing End Date 8/29/2006 18:30	Cementing Company Halliburton Energy Services	

Comment
100% Returns on cement

Cement Stage#1 Description:

Stage Number 1	Top (ftKB) 555.0	Bottom (ftKB) 4,560.0	Cement Volume Return (bbl) 10.0
Float Failed? No	Full Return? Yes	Pipe Reciprocated? No	Pressure Held (psi) 1,100.0

Lead Fluid Details for Stage#1:

Fluid Type Lead	Fluid Description	Amount (sacks) 1,365	Class C	Volume Pumped (bbl) 7.0
Estimated Top (ftKB) 0.0	Estimated Bottom (ftKB) 2,000.0	Yield (ft ³ /sack) 2.76	Mix H2O Ratio (gal/sack) 16.45	Free Water (%)
Density (lb/gal) 11.50	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)	

Comment

Additive Details

Add	Conc	Conc Unit

Tail Fluid Details for Stage#1:

Fluid Type Tail	Fluid Description	Amount (sacks) 200	Class C	Volume Pumped (bbl) 7.0
Estimated Top (ftKB) 2,000.0	Estimated Bottom (ftKB) 4,560.0	Yield (ft ³ /sack) 1.33	Mix H2O Ratio (gal/sack) 6.34	Free Water (%)
Density (lb/gal) 14.80	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)	

Comment

Additive Details

Add	Conc	Conc Unit



Casing & Cement Report

Well Name: Encore "36" State 1

Production

API/UWI 30-025-37993	Surface Legal Location Sec 36, T16S - R34E	Field Name Vacuum	Location New Mexico	County Lea	State/Province NM
Original KB Elevation (ft) 4,064.00	Ground Elevation (ft) 4,038.00	Casing Flange Elevation (ft) 4,038.00	KB-Ground Distance (ft) 26.00	Spud Date 8/20/2006 6:00:00 PM	Rig Release Date 10/25/2006 5:00:00 AM

Casing Detail:

Casing Description Production	Run Date 10/7/2006 18:00	Set Depth (ftKB) 12,586.0	Wellbore Original Hole	Centralizers 35	Scratchers
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Casing Components

Jts	Icon	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
176	Casing (black)	Casing Joints	5 1/2	4.892	17.00	P-110		7,966.48	-17.9	7,948.6
1	Float collar	DV Tool						2.19	7,948.6	7,950.8
101	Casing (black)	Casing Joints	5 1/2	4.892	17.00	P-110		4,601.44	7,950.8	12,552.2
1	Casing (black)	Float Collar	5 1/2	4.892	17.00	P-110		1.32	12,552.2	12,553.5
1	Casing (black)	Casing Joints	5 1/2	4.892	17.00	P-110		31.11	12,553.5	12,584.6
1	Casing shoe	Float Shoe	5 1/2	4.892	17.00	P110		1.38	12,584.6	12,586.0

Cementing Job Details:

Description Production Casing Cement	Type casing	String Production, 12,586.0ftKB	Wellbore Original Hole
Cementing Start Date 10/8/2006 10:30	Cementing End Date 10/8/2006 13:45		Cementing Company Halliburton Energy Services
Comment 100% Returns on cement			

Cement Stage#1 Description:

Stage Number 1	Top (ftKB) 7,948.0	Bottom (ftKB) 12,586.0	Cement Volume Return (bbl) 20.0
Float Failed? No	Full Return? Yes	Pipe Reciprocated? No	Pressure Held (psi) 1,200.0

Lead Fluid Details for Stage#1:

Fluid Type Lead	Fluid Description	Amount (sacks) 610	Class H	Volume Pumped (bbl) 10.8
Estimated Top (ftKB) 7,948.0	Estimated Bottom (ftKB) 10,500.0	Yield (ft ³ /sack) 1.95	Mix H2O Ratio (gal/sack) 10.82	Free Water (%)
Density (lb/gal) 12.50	Plastic Viscosity (cp) 22.0	Thickening Time (hrs)	1st Compressive Strength (psi)	

Comment

Additive Details

Add	Conc	Conc Unit
Cellophane Flakes		0.125
High Temp Retarder		0.2

Tail Fluid Details for Stage#1:

Fluid Type Tail	Fluid Description	Amount (sacks) 440	Class H	Volume Pumped (bbl) 5.2
Estimated Top (ftKB) 10,500.0	Estimated Bottom (ftKB) 12,586.0	Yield (ft ³ /sack) 1.19	Mix H2O Ratio (gal/sack) 5.18	Free Water (%)
Density (lb/gal) 15.60	Plastic Viscosity (cp) 22.0	Thickening Time (hrs)	1st Compressive Strength (psi)	

Comment

Additive Details

Add	Conc	Conc Unit
Artificial Pozzolan		0.3%
Fluid Loss Control		0.6%
High Temp Retarder		0.3%
Liquid Antifoam Agent		0.3%



Casing & Cement Report

Well Name: Encore "36" State 1

Production

API/UWI 30-025-37993	Surface Legal Location Sec 36, T16S - R34E	Field Name Vacuum	Location New Mexico	County Lea	State/Province NM
Original KB Elevation (ft) 4,064.00	Ground Elevation (ft) 4,038.00	Casing Flange Elevation (ft) 4,038.00	KB-Ground Distance (ft) 26.00	Spud Date 8/20/2006 6:00:00 PM	Rig Release Date 10/25/2006 5:00:00 AM

Cement Stage#2 Description:

Stage Number 2	Top (ftKB) 4,500.0	Bottom (ftKB) 7,948.0	Cement Volume Return (bbl)
Float Failed? No	Full Return? Yes	Pipe Reciprocated? No	Pressure Held (psi) 1,500.0

Lead Fluid Details for Stage#2:

Fluid Type Lead	Fluid Description	Amount (sacks) 200	Class H	Volume Pumped (bbl) 14.2
Estimated Top (ftKB) 4,500.0	Estimated Bottom (ftKB) 7,318.0	Yield (ft³/sack) 2.45	Mix H2O Ratio (gal/sack) 14.15	Free Water (%)
Density (lb/gal) 11.90	Plastic Viscosity (cp) 22.0	Thickening Time (hrs)	1st Compressive Strength (psi)	
Comment				

Additive Details

Add	Conc	Conc Unit

Tail Fluid Details for Stage#2:

Fluid Type Tail	Fluid Description	Amount (sacks) 150	Class H	Volume Pumped (bbl) 5.3
Estimated Top (ftKB) 7,318.0	Estimated Bottom (ftKB) 7,948.0	Yield (ft³/sack) 1.18	Mix H2O Ratio (gal/sack)	Free Water (%)
Density (lb/gal) 15.60	Plastic Viscosity (cp) 22.0	Thickening Time (hrs)	1st Compressive Strength (psi)	
Comment				

Additive Details

Add	Conc	Conc Unit



Casing & Cement Report

Well Name: Encore "36" State 1

Liner

API/UWI 30-025-37993	Surface Legal Location Sec 36, T16S - R34E	Field Name Vacuum	Location New Mexico	County Lea	State/Province NM
Original KB Elevation (ft) 4,064.00	Ground Elevation (ft) 4,038.00	Casing Flange Elevation (ft) 4,038.00	KB-Ground Distance (ft) 26.00	Spud Date 8/20/2006 6:00:00 PM	Rig Release Date 10/25/2006 5:00:00 AM

Casing Detail:

Casing Description Liner	Run Date	Set Depth (ftKB) 13,028.0	Wellbore Original Hole	Centralizers	Scratchers
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Casing Components

Jts	Icon	Item Description	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Packer 1	WMPO Packer w/10' tie back	3 1/2					18.35	12,534.4	12,552.8
1	Seal Bore Rece...	PBR Polishbore Receptacle	3 1/2					6.18	12,552.8	12,559.0
1	Liner hanger	Liner Hanger	3 1/2					4.60	12,559.0	12,563.6
12	Casing (black)	Casing Joints	3 1/2		9.30	P-110		394.57	12,563.6	12,958.1
1	Casing (black)	Landing Collar	3 1/2					1.47	12,958.1	12,959.6
1	Float collar	Float Collar	3 1/2					1.34	12,959.6	12,960.9
2	Casing (black)	Casing Joints	3 1/2		9.30	P-110		65.76	12,960.9	13,026.7
1	Casing shoe	Float Shoe	3 1/2					1.30	13,026.7	13,028.0

Cementing Job Details:

Description Liner Cement	Type casing	String Liner, 13,028.0ftKB	Wellbore Original Hole
Cementing Start Date 10/24/2006 02:30	Cementing End Date 10/24/2006 03:15	Cementing Company Halliburton Energy Services	
Comment			

Cement Stage#1 Description:

Stage Number 1	Top (ftKB) 12,534.0	Bottom (ftKB) 13,030.0	Cement Volume Return (bbl) 0.0
Float Failed? No	Full Return? Yes	Pipe Reciprocated? No	Pressure Held (psi) 1,770.0

Lead Fluid Details for Stage#1:

Fluid Type Lead	Fluid Description	Amount (sacks) 50	Class H	Volume Pumped (bbl) 14.8
Estimated Top (ftKB) 12,534.0	Estimated Bottom (ftKB) 13,030.0	Yield (ft³/sack) 1.66	Mix H2O Ratio (gal/sack) 8.72	Free Water (%)
Density (lb/gal) 13.00	Plastic Viscosity (cp)	Thickening Time (hrs)	1st Compressive Strength (psi)	
Comment				

Additive Details

Add	Conc	Conc Unit
Salt	1.0	LBM
Haled 344	5.0	%
CFR-3	4.0	%
HR-7	3.0	%