

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. 30-005-20068
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CATO SAN ANDRES UNIT
8. Well Number 109
9. OGRID Number 183718
10. Pool name or Wildcat CATO SAN ANDRES - 10540

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>INJECTION WELL</u>	
2. Name of Operator Lothian Oil, Inc.	
3. Address of Operator 200 LORAIN, Suite 400, MIDLAND, TX 79701	
4. Well Location Unit Letter: <u>I</u> 1980' feet from the <u>SOUTH</u> line and <u>660</u> ' feet from the <u>EAST</u> line Section <u>15</u> Township <u>8-S</u> Range <u>30-E</u> NMPM CHAVES County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,115' - GR,	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ 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.

- 1) RIH to 3,400' & Set a CIBP. Spot a 35' Cmt Plug. WOC & Tag.
- 2) Free Point 4-1/2" Csg.
- 3) Chemical Cut 4-1/2" Csg & POOH & Salvage 4-1/2" Prod. Csg.
- 4) Spot a 100' Plug across 4-1/2" Csg Stub (50' Below & Above Stub). WOC & Tag.
- 5) Pmp 9.5 - 10 ppg Mud between Plugs.
- 6) Spot a 100' Plug f/ 1,429' - 1,529'.
- 7) Pmp 9.5 - 10 ppg Mud between Plugs.
- 8) Spot a 100' Plug f/ 402' - 502'. (Surf. Csg Shoe Plug). WOC & Tag.
- 9) Spot Cmt f/ 60' to Surf or 10 sx Plug.
- 10) Cut Off Well Head & Cap below 3' & Install a Dry Hole Marker.
- 11) Remove all Rig Anchors.

TOC 2200'



THE OIL CONSERVATION DIVISION MUST  
BE NOTIFIED 24 HOURS PRIOR TO THE  
BEGINNING OF PLUGGING OPERATIONS.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE: Jesse K. Lawson TITLE: Petroleum Engineer DATE: November 16, 2006

Type or print name Jesse K. Lawson E-mail address: jklawson@lothian.us Telephone No. 432-686-2618

For State Use Only

APPROVED BY: Gary W. Wink OGD FIELD REPRESENTATIVE II/STAFF MANAGER DATE: \_\_\_\_\_

Conditions of Approval (if any): \_\_\_\_\_

DEC 08 2006

# LOTHIAN OIL, INC.

CATO SAN ANDRES UNIT # 109

CATO FIELD

Location: 1,980' FSL & 660' FEL, Unit I, Sec 15, T-8-S, R-30-E  
NMPM, Chaves County, NM

Elevation: \_\_\_\_\_

## TREATMENT HISTORY

Date	Description
9/13/06	Check csg integrity. NU new tbq head, RIH with 2-3/8" notched collar 14 jts and bailer. Tag @ 3,666', 116 jts total. Set Pkr @ 2,520'.
5/18/67	Jet perf'd San Andres 3,425'-3,451' w/22-3/8" holes. Acidized perfs 3,425'-3,451' w/5000 gals 28% NE LST acid in 6 stages using 25 ball sealers. Swabbed 90 BLW in 4 hrs, flowed 79 BLW plus 62 BNO in 9 hrs. Tbg press 75#.
5/16/67	Acidized San Andres perfs 3,479'-3,515' w/5000 gals 28% (NI), (LST) acid in 2 stages. Max Press 2800#, Min 2600# @ avg rate of 8.6 BPM. ISIP 1900#, 15" SIP 800#.
5/15/67	Acidized 3,479'-3,515' with 2000 gals 28% in 4 stages. Max press 3900#, Min 3000# Avg Inj 3200# @ 5.2 BPM. ISIP 2200#, 10" SIP 1100#.
5/13/67	Perf'd 3,479'-3,515' w/2 JSPF A total of 14 holes.
5/12/67	4-1/2", 9.5#, J-55, 8rd, ST&C Prod Csg. Set Csg @ 3,594'. Cmt'd w/150 sx Class C, 1/4# Flo Sol, 5# Salt per sk, 5/10 - 1% D-30 FR Slurry Wt, 12.2# and 200 sx Class C, 4% Gell, 1/4# Flo Sol plus 5# salt per sk, slurry wt 13.8#. TOC @ 2,200'
5/5/67	8-5/8", 24#, 8rd, J-55, ST&C Surf Csg. Set Csg at 452'. Cmt'd w/300 sx Incor Class C, plus 2% CACL. Chl. Plus 1/4# Flo Sal per sk. Slurry Wt 14.8 # per sk Cmt circ to surf.
PBTD:	3,666'
TD:	3,700'

Spudded: 5/5/1967  
Completed: 5/12/1967  
API #: 30-005-20068

11" Hole

Casing:  
8-5/8", 24#, 8rd, J-55, ST&C Surf Csg. Set Csg at 452'.  
Set @ 452'. Cmt'd w/300 sx Incor Class C,  
Slurry Wt 14.8 # per sk plus 2% CACL. Chl. Plus  
1/4# Flo Sal per sk.  
Cmt circ to surf.

Tubing;  
3,317', 2-3/8", 4.7#, J55, SS EUE

Rods:

PUMP:

6-3/4" Hole

Perforations:  
San Andres: P-1 & P-2

Perf'd 3,479'-3,515' w/2 JSPF P-1  
A total of 14 holes.  
Jet perf'd San Andres 3,425'-3,451' w/22-3/8" holes. P-2  
TAG @ 3,666'

Casing:  
4-1/2", 9.5#, J-55, 8rd, ST&C Prod Csg. Set Csg @ 3,594'.  
Set @ 3,594'.  
Cmt'd w/150 sx Class C, 1/4# Flo Sol, 5# Salt per sk,  
5/10 - 1% D-30 FR Slurry Wt, 12.2# and 200 sx Class C,  
4% Gell, 1/4# Flo Sol plus 5# salt per sk, slurry wt 13.8#.  
TOC @ 2200'

Remarks: STATE Lease No.: FEE

Polish Rod:  
Polish Rod Liner:  
Pumping Unit:  
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