

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. 30-015-21003
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-4276
7. Lease Name or Unit Agreement Name Exxon State
8. Well Number 1
9. OGRID Number 36990
10. Pool name or Wildcat SQUARE LAKE QUEEN 85680

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Lothian Oil	
3. Address of Operator 200 N. LORAIN, STE. 400, MIDLAND, TX 79701	
4. Well Location Unit Letter: <u>N</u> <u>M</u> 660' feet from the <u>SOUTH</u> line and <u>1,980'</u> feet from the <u>WEST</u> line Section <u>16</u> Township <u>16-S</u> Range <u>3-E</u> <u>31</u> NMPM <u>EDDY</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,604' GL	
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 3,330' & Set a CIBP. Spot a 35' Cmt Plug. WOC & Tag.
- 2) Free Point 5-1/2" Csg.
- 3) Chemical Cut 5-1/2" Csg & POOH & Salvage 5-1/2" Prod. Csg.
- 4) Spot a 100' Plug across 5-1/2" Csg Stub (50' Below & Above Stub). WOC & Tag.
- 5) Pmp 9.5 - 10 ppg Mud between Plugs.
- 6) Spot a 100' Plug f/ 1,650' - 1,750'.
- 7) Pmp 9.5 - 10 ppg Mud between Plugs.
- 8) Spot a 100' Plug f/ 379' - 479'. (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.

\* - 100' cmt Plug @ 2060'-1960'  
WOC TAG.  
IF CSG NOT PULLED.  
Perf & Spaz. WOC TAG.

\* - 100' cmt Plug @ 970'-870'  
WOC TAG.  
IF CSG NOT PULLED. Perf.  
& Spaz. WOC TAG.

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: Jesse K. Lawson TITLE: Petroleum Engineer DATE: November 27, 2006

Type or print name Jesse K. Lawson E-mail address: jklawson@lothian.us Telephone No. 432-686-2458 or 686-2618

For State Use Only

APPROVED BY: Phil Hankins TITLE: Asst. DATE: 1/4/07  
Conditions of Approval (if any):

# LOTHIAN OIL INC.

## EXXON STATE #1

Square Lake; QN

Location: 660' FSL & 660' FWL, Unit M

Sec 16, T-16-S, R-31-E

EDDY COUNTY, NM

Elevation: G.L. (4,018')

Spudded: 10/31/1973

Completed: 12/1/1973

API #: 30-015-21003

### TREATMENT HISTORY

Date	Description
4/16/90	Set CIBP @ 3,000' w/2 sxs cmt Cmt plug from 379 to 479 using 45 sxs cmt Surface plug - 5 sxs cmt Shoot production csg off at approximately 2100' pull for recovery.
11/29/73	Perf'd 3,008'-3,027' Penrose (Queen) w/one hole per ft for total of 20 holes Acidized w/1,000 gals 15% acid and fractured with 20,000 gals gelled 2% KCL water and 15,000 #20-40 and 5,000 #10-20 sand.
11/27/73	Perf'd 3,430'-3,439' Lower Premier (Grayburg) w/one hole per ft, total 10 holes Acidized w/1500 gals of 15% acid and tested. Zone was plugged off w/frac sand and two-sack cmt cap with TOC @ 3,400'
11/8/1973	Ran 123 jts (3,509') 5-1/2" 14#, J55, 8rd set @ 3,700' Cmt'd w/350 sx Class H w/10# sand and 5# salt/sx + 1% CFR2.
10/31/73	Ran 10 jts (416') 8-5/8", 20#, set @ 429' Cmt'd w/225 sx Class H, w/2% CaCl.

PBTD: 2,775'

TD: 2,777'

11" HOLE

Casing:

10 jts (416') 8-5/8", 20#,

set @ 429'

Cmt'd w/225 sx Class H, w/2% CaCl.

Tubing:

2-7/8" OD, 6.5#, J55, EUE set @ 2,975'

\* 970' - 870'

7-7/8" Hole

TOC @ UNKNOWN

\* - 2060' - 1960'

Perforations:

CIBP @ 3,000'

3,008'-3,027' - 20 holes

TOC PLUG @ 3,400'

3,439'-3,439' - 10 holes

Plugged off w/ frac sand and two sx cmt cap

Casing:

123 jts (3,509') 5-1/2" 14#, J55, 8rd

Set @ 3,700'

Cmt'd w/350 sx Class H w/10# sand

and 5# salt/sx + 1% CFR2.

Remarks: State Lease No.: K-4276

Original Well Name:

Pumping Unit:

Well Head:

Polish Rod:

Polish rod Liner:

\* 100' cmt Plug @ 2060' - 1960' woc TAC.  
If CSG. Not Pulled Perf + Sguz. woc TAC.

\* 100' cmt Plug @ 970' - 870' woc TAC.  
If CSG Not Pulled Perf. + Sguz. woc TAC.