

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. 30-005-10538
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 46
9. OGRID Number 148869
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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator United Heritage New Mexico Corp.	
3. Address of Operator 200 N. Loraine, Suite 400, MIDLAND, TX 79701	
4. Well Location Unit Letter: <u>K</u> 1980' feet from the <u>SOUTH</u> line and 1980' feet from the <u>WEST</u> line Section <u>10</u> Township <u>8-S</u> Range <u>30-E</u> NMPM CHAVES County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 75' above the top perf.
- 2) Set CIBP & Spot 35' Cmt Plug on top of CIBP OR Spot a 25 sx Plug in lieu of CIBP.
- 3) WOC f/ 4 hrs. RIH & Tag Plug.
- 4) Pump 9.5 - 10 ppg Mud between Plugs.
- 5) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere f/ 2,610' to 2,620'.
- 6) Attempt a 45 sx Sqz. If Unable to Sqz, GIH 25' & Spot a 25 sxs Cmt Plug.
- 7) WOC f/ 4 hrs. RIH & Tag Plug
- 8) Pump 9.5 - 10 ppg Mud between Plugs.
- 9) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere f/ 1,400' to 1,550'.
- 10) Attempt a 45 sx Sqz. If Unable to Sqz, GIH 25' & Spot a 25 sxs Cmt Plug.
- 11) WOC f/ 4 hrs. RIH & Tag Plug
- 12) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere f/ 500' to 600'.
- 13) Attempt a 45 sx Sqz. If Unable to Sqz, GIH 25' & Spot a 25 sxs Cmt Plug.
- 14) WOC f/ 4 hrs. RIH & Tag Plug
- 15) Pump 9.5 - 10 ppg Mud between Plugs.
- 16) Spot Cmt f/ 60' to Surf or 10 sx Plug.
- 17) Cut Off Well Head & Cap 3' B.G.L. & Install a Dry Hole Marker.
- 18) Remove all Rig Anchors & Clean Location.

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: January 23, 2007

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: Larry W. Wink TITLE: DC FIELD REPRESENTATIVE II/STAFF MANAGER DATE: FEB 01 2007
Conditions of Approval (if any)

LOTHIAN OIL, INC.
CATO SAN ANDRES UNIT # 46
CATO FIELD

Location: 1980' FSL & 1980' FWL, Unit K, Sec. 10, T-8-S, R-30-E
NMPM, Chaves County, NM

Elevation: _____

TREATMENT HISTORY

Date **Description**

5/7/75	T&A
11/23/66	IP'd Flowed 120 BOPD and 25 BW.
11/22/66	Perf'd 3,308'-3,332', 3,370'-3,416' w/1 SPF Acidized w/2750 gals 15% Ne acid, 50 ball sealers.
11/17/66	Ran 112 jts 4-1/2" 9.5# J55, Set @ 3,596' Cmt'd w/ 250 sx Incor 50/50 Pos mix 2% gel and w/10# salt and 1/4# flosele. TOC @ 2,200'.
11/11/66	Ran 28 jts 8-5/8" 28#, LW, set @ 507' Cmt'd w/ 300 sxs Incor 2 PC CACL and 1/4 lb flosele per sk.

PBTD: 3,560'

TD: 3,600'

Remarks: State Lease No.: FEE

Polish Rod: _____

Polish Rod Liner: _____

Pumping Unit: _____

Well Head: _____

Spudded: 11/11/1966

Completed: 12/22/1966

API #: 30-005-10538

12-1/4" Hole

Casing:

28 jts 8-5/8" 28#, LW

Set @ 507'.

Cmt'd w/ 300 sxs Incor 2 PC CACL and
1/4 lb flosele per sk.

Tubing;

TOC @ 2,200'

7-7/8" Hole

Rods:

PUMP:

Perforations: San Andres

San Andres: P-1 & P-2

3,308'-3,332'

3,370'-3,416' w/1 SPF

Casing:

Ran 112 jts 4-1/2" 9.5# J55, Set @ 3,596'

Cmt'd w/ 250 sx Incor 50/50 Pos mix 2% gel and
w/10# salt and 1/4# flosele.

TOC @ 2,200'.

Received
Hobbs
068

P-1

P-2