

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

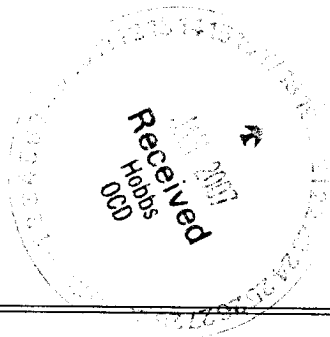
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM-022636
2. Name of Operator UNITED HERITAGE NEW MEXICO CORPORATION		6. If Indian, Allottee or Tribe Name CATO SAN ANDRES UNIT
3a. Address 200 N. LORAIN, SUITE 400, MIDLAND, TX 79701	3b. Phone No. (include area code) 432-686-2618	7. If Unit or CA/Agreement, Name and/or No. CATO SAN ANDRES UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1,980' FNL & 1,980' FEL, UNIT G, SEC. 27, T-8-S, R-30-E, NMPM, CHAVES COUNTY, NM.		8. Well Name and No. 152
		9. API Well No. 30-005-20314
		10. Field and Pool, or Exploratory Area CATO SAN ANDRES
		11. County or Parish, State CHAVES, NEW MEXICO

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

- 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 // 4 hrs. RIH & Tag Plug.
- 4) Pmp 9.5 - 10 ppg Mud between Plugs.
- 5) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere // 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 // 4 hrs. RIH & Tag Plug
- 8) Pmp 9.5 - 10 ppg Mud between Plugs.
- 9) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere // 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 // 4 hrs. RIH & Tag Plug
- 12) RIH & Perf w/ Sqz Shots of 4-JSPF for a 1' Interval anywhere // 500' to 800'.
- 13) Attempt a 45 sx Sqz, If Unable to Sqz, GIH 25' & Spot a 25 sxs Cmt Plug.
- 14) WOC // 4 hrs. RIH & Tag Plug
- 15) Pmp 9.5 - 10 ppg Mud between Plugs.
- 16) Spot Cmt // 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.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

JESSE K. LAWSON

Title PETROLEUM ENGINEER

Signature

Date

01/11/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

/S/ DAVID R. GLASS

Title PETROLEUM ENGINEER

Date

JAN 16 2007

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GWW

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

**LOTHIAN OIL, INC.**  
**CATO SAN ANDRES UNIT # 152**  
**CATO FIELD**

**Location:** 1,980' FNL & 1,980' FEL, Unit G, Sec 27, T-8-S, R-30-E  
 NMPM, Chaves County, NM

**Elevation:** 4,163' GR, 4,174' RT

**TREATMENT HISTORY**

Date	Description
5/20/97	Well returned to production. Produced 1 bbl by using the Swab Production Method.
11/13/69	IP'd 24 hrs - 74 BO, 60.3 MCF, 18 BW, 815 GOR, 50 TP, 500# CP, 24 deg oil gravity
11/10/69	Raised tbg to 3,435', set pkr @ 3,404'. Tested down tbg w/1,500 gals acid and 10 ball sealers. Press increased from 2600-2800# @ 4-1/2 BPM went on vacuum in 5 min after SI. Started treating w/5000 gals 28% acid, tbg split @ 1,000' w/1000 gals acid down tbg. Pulled tbg and pkr, re-ran and tested going in hole, prep to acidize. Tbg set @ 3,528'.
11/9/69	Perf'd 3,503', 3,508', 3,520', 3,522', 3,526', 3,527', 3,528', 3,531' Ran 117 jts 2" EUE tbg w/ pkr to 3,535'.
10/28/69	Ran 87 jts (3551') of 4-1/2", 9.5#, J-55, 8rd, ST&C Prod Csg. Set Csg @ 3,562'. Cmt'd w/250 sx Incor-Pozmix 2% gel.
10/15/69	Ran 12 jts (372') of 8-5/8", 32#, J-55, 8rd, Surf Csg. Set Csg at 372'. Cmt'd w/200 sx regular 2% CaCl2.

**PBTD:** 3,537'

**TD:** 3,562'

**Spudded:** 10/15/1969  
**Completed:** 11/12/1969  
**API #:** 30-005-20314

11" Hole

**Casing:**

Ran 12 jts (372') of 8-5/8", 32#, J-55, 8rd, Surf Csg.  
 Set Csg at 372'.  
 Cmt'd w/200 sx regular 2% CaCl2.  
 Circ Cmt to surf.

**Tubing:**

Ran 117 jts 2" EUE tbg w/ pkr to 3,528'.

**TOC @ UNKNOWN**

7-7/8" Hole

**Rods:**

**PUMP:**

**Perforations:**

3,503', 3,508', 3,520', 3,522', 3,526', 3,527', 3,528', 3,531'

**Casing:**

Ran 87 jts (3551') of 4-1/2", 9.5#, J-55, 8rd, ST&C Prod Csg.  
 Set Csg @ 3,562'.  
 Cmt'd w/250 sx Incor-Pozmix 2% gel.  
 Calc TOC @ 2,550'

**Remarks:** Federal Lease No.: NM-022636

Polish Rod:

Polish Rod Liner:

Pumping Unit: