

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

**DISTRICT I**  
P.O. Box 1980, Hobbs NM 88241-1980

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.  
Santa Fe, NM 87505

WELL API NO. 30-039-05840
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 Leeson
8. Well No. 1
9. Pool name or Wildcat South Blanco Pictured Cliffs
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 7405' OF

<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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Taurus Exploration, U.S.A., Inc.	
3. Address of Operator 2198 Bloomfield Highway, Farmington, NM 87401	
4. Well Location Unit Letter <u>D</u> <u>990</u> Feet From The <u>North</u> Line and <u>865</u> Feet From The <u>West</u> Line Section <u>27</u> Township <u>25N</u> Range <u>3W</u> NMPM <u>Rio Arriba</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 7405' OF	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>
PLUG AND ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
CHANGE PLANS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>

12. 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.

It is proposed to plug and abandon the subject well according to the attached procedure and well diagram.

RECEIVED  
DEC 22 1997  
OIL CON. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Production Superintendent DATE 12/18/97  
TYPE OR PRINT NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

(This space for State Use)

APPROVED BY Johnny Robinson TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE DEC 22 1997  
CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_

NOTIFY AZTEC OGD  
IN TIME TO WITNESS HA

## PLUG AND ABANDONMENT PROCEDURE

12-11-97

### Leeson #1

S. Blanco Ext. Pictured Cliffs  
990' FNL and 990' FWL / NW, Sec. 27, T25N, R3W  
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Taurus safety regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and tally 1-1/4" tubing (3796'), if necessary LD 1-1/4" and PU tubing workstring.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 3846' – 3390')**: RIH with open ended tubing and tag bottom at 3846' or as deep as possible. Pump 20 bbls water down tubing. Mix 80 sxs Class B cement (50% excess, long plug) and spot a plug inside casing to fill Pictured Cliffs perforations and cover PC, Fruitland, Kirtland and Ojo Alamo tops. POH with tubing and WOC. RIH and tag cement. Load casing with water and pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. POH with tubing.
5. **Plug #2 (Nacimiento top, 1795' - 1695')**: Round-trip 5-1/2" gauge ring or casing scraper to 1745'. Perforate 3 HSC squeeze holes at 1795'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 1745'. Establish rate into squeeze holes. Mix 46 sxs Class B cement, squeeze 29 sxs cement outside 5-1/2" casing and leave 17 sxs cement inside casing to cover Nacimiento top. POH and LD tubing.
6. **Plug #3 (8-5/8" Casing shoe at 105')**: Perforate 2 HSC squeeze holes at 155'. Establish circulation down 5-1/2" casing and out bradenhead. Mix and pump approximately 40 sxs Class B cement from 155' to surface, circulate good cement out bradenhead. Shut in well and WOC.
7. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

# Leeson #1

## Current

S. Blanco Ext. Pictured Cliffs

NW Section 27, T-25-N, R-3-W, Rio Arriba County, NM

Today's Date: 12/11/97  
Spud 8/20/58  
Completed: 11/25/58  
Elevation: 7395' GL  
7405' KB

11" hole

8-5/8" 36# Csg set @ 105'  
100 sxs (Circulated to Surface)

### Workover History

Feb '74: Pull and LD 2-3/8" tubing;  
Run 1-1/4" IJ tubing.

Nacimiento @ 1745'

1-1/4" Tubing Set @ 3796'  
(115 jts, 2.3#, WP55, IJ)

TOC @ 3094' (Calc, 75%)

Ojo Alamo @ 3440'

Kirtland @ 3550'

Fruitland @ 3603'

Pictured Cliffs @ 3786'

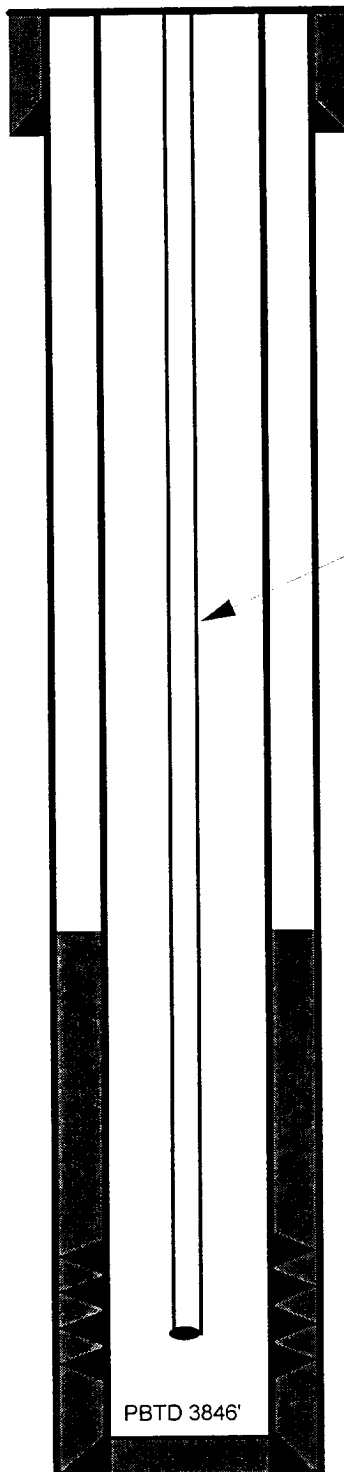
Pictured Cliffs Perforations:  
3786' - 3832'

5-1/2" 14# Csg set @ 3860'  
Cmt w/ 150 sxs

7-7/8" hole

PBTD 3846'

TD 3860'



# Leeson #1

## Proposed P&A

S. Blanco Ext. Pictured Cliffs

NW Section 27, T-25-N, R-3-W, Rio Arriba County, NM

Today's Date: 12/11/97  
Spud: 8/20/58  
Completed: 11/25/58  
Elevation: 7395' GL  
7405' KB

11" hole

8-5/8" 36# Csg set @ 105'  
100 sxs (Circulated to Surface)

Perforate @ 155'

Plug #3 155' - Surface  
Cmt with 40 sxs Class B.

Nacimiento @ 1745'

Cmt Retainer @ 1745'

Perforate @ 1795'

Plug #2 1795' - 1695'  
Cmt with 46 sxs Class B.  
29 sxs outside casing and  
17 sxs inside.

TOC @ 3094' (Calc, 75%)

Ojo Alamo @ 3440'

Kirtland @ 3550'

Fruitland @ 3603'

Pictured Cliffs @ 3786'

Plug #1 3846' - 3390'  
Cmt with 80 sxs Class B,  
(long plug, 50% excess)

Pictured Cliffs Perforations:  
3786' - 3832'

PBTD 3846'

7-7/8" hole

5-1/2" 14# Csg set @ 3860'  
Cmt w/ 150 sxs

TD 3860'

