

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.

RECEIVED

2003 FEB 28 PM 12: 27

070 Farmington, NM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: November 30, 2000

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL

OIL GAS  
☐ WELL ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

1331 SEVENTEENTH STREET, SUITE 800, DENVER, CO 80202 303-672-6900

4. LOCATION OF WELL (FOOTAGE, SEC., T., R., M., OR SURVEY DESCRIPTION)

1820' FSL, 1820' FWL; NE SW, Sec. 3, T26N, R7W

5. Lease Serial No.  
NMSF-079161

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

Lindrith No. 1-3

9. API Well No.

30-039-06684

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County, Parish, State

San Juan County, NM

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

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<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.)

Plug and abandon subject well as per attached procedure. Estimated date to P&A is June, 2003.

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

Gary L. Ohlman

Title

Sr. Petroleum Engineer

Signature

*Gary Ohlman*

Date

February 26, 2003

(This space for Federal or State office use)

Approved by **Original Signed: Stephen Mason**

Title

Date

3/18/03

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 in any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

## PLUG & ABANDONMENT PROCEDURE

### **Lindrith No. 1-3**

Basin Dakota

1820' FSL and 1820' FWL, Section 3, T26N-R7W

San Juan County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. 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 Questar safety regulations. MI and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well, kill with water as necessary.
2. ND wellhead and NU BOP, test. TOH and tally out with both strings of 1 1/2" tubing.
3. **Plug #1 (Dakota perforations (7104' – 7326') and top, 7104')**: TIH with 2 3/8" workstring and 5 1/2" CIBP. Set CIBP above Model D packer at +/- 7050'. Spot cement plug inside the casing above the CIBP with enough cement to bring the top of the Dakota plug to 7000'. TOH with tubing.
4. **Plug #2 (Gallup perforations (6592' – 6598' and top, 6126')**: TIH with tubing and 5 1/2" CIBP. Set CIBP @ +/- 6550'. Spot cement plug inside the casing above the CIBP with enough cement to bring the top of the Gallup plug to 6500'. TOH with tubing.
5. **Plug #3 (Mesaverde top, 4478')**: Perforate 3 squeeze holes at 4528'. TIH w/ 2 3/8" workstring to +/- 4428'. Establish rate into squeeze holes and place the Mesaverde plug from 4528' – 4428' inside and outside the 5 1/2" casing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 2762' – 2342')**: Perforate 3 squeeze holes at 2812'. TIH w/ 2 3/8" workstring to +/- 2292'. Establish rate into squeeze holes. Establish rate into squeeze holes and place the Pictured Cliffs/Fruitland plug from 2812' – 2292' inside and outside the 5 1/2" casing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2252' – 1652')**: Perforate 3 squeeze holes at 2300'. TIH w/ 2 3/8" workstring to +/- 1600'. Establish rate into squeeze holes and place the Kirtland/Ojo Alamo plug from 2300' – 1600' inside and outside the 5 1/2" casing.
8. **Plug #6 (surface; 9 5/8" casing shoe at 215')**: Perforate 3 squeeze holes at 250'. Establish circulation out bradenhead valve. Mix and pump cement down the 5 1/2" casing from 250' to surface. Circulate good cement out bradenhead valve. Shut-in well and WOC.
9. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RDMOSU, cut off anchors and restore location.

# LINDRETH #1-3

Drawn 4/29/99

NESW Sec. 3-T26N-R7W  
Rio Arriba County, New Mexico  
Drilled by Compass Exploration Inc.  
Spud date: 7/20/61  
Schematic - not drawn to scale

## 9-5/8" Surface Casing:

8 jts 9-5/8", 32.75#, A-40, 8rd ST&C casing

Set @ 219' RKB, cemented w/ 150 sx 2% HA5.  
POB @ 6:00 AM 7/21/61.

## 5-1/2" Production Casing:

20 jts 5-1/2", 17#, J-55, 8rd, ST&C casing  
211 jts 5-1/2", 15.5#, J-55, 8rd, ST&C casing

Set @ 7415' RKB. Cemented 1<sup>st</sup> stage w/ 200 sx 40%  
Diacol "D" + 100 sx neat. Good returns while cementing.  
Cemented 2<sup>nd</sup> stage through Baker two-stage tool @ 2950'  
w/ 386 ft<sup>3</sup> HYS 400. Good returns. POB @ 11:25 AM 8/14/61.

## Tubing:

199 jts 2-1/16", 3.25#, integral jt, 10rd, J-55, IJ tubig  
Landed @ 6620'

231 jts 1.5", 2.75#, integral jt, 10rd, J-55, IJ tubing  
Landed @ 7256'  
Tbg leak @ 4300' found 9/26/62.

