

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

2003 FEB 28 PM 12: 27

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.

070 Farmington, NM

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)

1850' FNL, 790' FEL; NW SE NE, Sec. 4, T26N, R7W

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: November 30, 2000

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. 14

9. API Well No.

30-039-82400

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

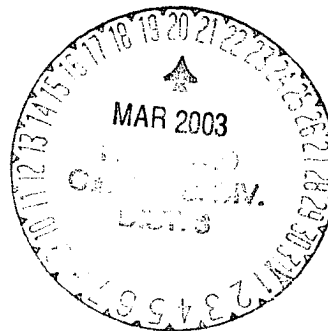
☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

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

NMOC

PLUG & ABANDONMENT PROCEDURE

Lindrith No. 14

Basin Dakota

1850' FNL and 790' FEL, Section 4, 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 (7146' – 7376') and top, 7145')**: 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 (6656' – 6662' and top, 6164')**: TIH with tubing and 5 1/2" CIBP. Set CIBP @ +/- 6600'. Spot cement plug inside the casing above the CIBP with enough cement to bring the top of the Gallup plug to 6550'. TOH with tubing.
5. **Plug #3 (Mesaverde top, 4500')**: Perforate 3 squeeze holes at 4550'. TIH w/ 2 3/8" workstring to +/- 4450'. Establish rate into squeeze holes and place the Mesaverde plug from 4550' – 4450' inside and outside the 5 1/2" casing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 2810' – 2390')**: Perforate 3 squeeze holes at 2860'. TIH w/ 2 3/8" workstring to +/- 2340'. Establish rate into squeeze holes. Establish rate into squeeze holes and place the Pictured Cliffs/Fruitland plug from 2860' – 2340' inside and outside the 5 1/2" casing.
7. **Plug #5 (Kirtland and Ojo Alamo tops, 2300' – 1700')**: Perforate 3 squeeze holes at 2350'. TIH w/ 2 3/8" workstring to +/- 1650'. Establish rate into squeeze holes and place the Kirtland/Ojo Alamo plug from 2300' – 1700' inside and outside the 5 1/2" casing.
8. **Plug #6 (surface; 9 5/8" casing shoe at 223')**: Perforate 3 squeeze holes at 275'. Establish circulation out bradenhead valve. Mix and pump cement down the 5 1/2" casing from 275' 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.

LINDRITH #1-4

Drawn 5/12/99

SENE Sec. 4-T26N-R7W
Rio Arriba County, New Mexico
Drilled by Compass Exploration Inc.
Spud date: 4/26/62
Schematic - not drawn to scale

9-5/8" Surface Casing:

6 jts 9-5/8" casing

Set @ 223' KB w/ 200 sx 2% HA-5. POB @ 6:00 PM 4/26/62.

5-1/2" Production Casing:

26 jts 5-1/2", 17# casing

206 jts 5-1/2", 15.5# casing

Set @ 7431' RKB, cement 1st stage w/ 200 sx 40% Diacel
"D", 100 sx Incor neat. DV tool @ 2949', cement 2nd stage
through tool w/ 60 sx HYS-400. POB @ 5:15 PM 5/26/62.

Tubing:

216 jts 1-1/2", 2.76#, V-50 IJ continuous tbg

Set @ 7108', stung into Baker Model "D" packer @ 7100'

207 jts 2-1/16", 3.25#, V-50, 10rd EUE IJ continuous tbg

Set @ 6667' RKB.

9/10/84 Workover to perf 1-1/2" Dakota tbg @ 7006' w/ 2 shots
to commingle the zones.

