

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

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.

2001 JUN 29 AM 6:15

SUBMIT IN TRIPLICATE

1. TYPE OF WELL

OIL GAS
☐ WELL ☒ WELL ☐ OTHER

2. NAME OF OPERATOR

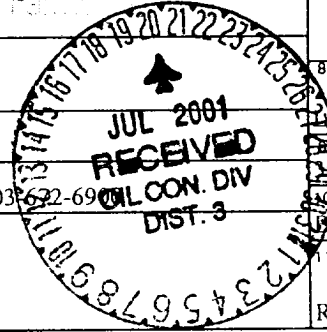
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

1331 SEVENTEENTH STREET, SUITE 800, DENVER, CO 80202 303-622-6900

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

1450' FNL 1450' FWL, Section 9, T26N-R7W



5. Lease Serial No.

USA-NM-079161

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Undrith No. 29

9. API Well No.

29-039-066030

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County, Parish, State

Rio Arriba, 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 recomplate 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 recompletion 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.)

Refer to: NMSF-079161 (WC)
3162.3-2 (7400)

Questar Exploration and Production proposes to plug and abandon the subject well as per attached procedure. A wellbore diagram is attached for further reference.

| | | | |
|--|--|---------------------------------|-----------------|
| 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) | | Title Sr. Petroleum Engineer | |
| Signature <i>Gary Okline</i> | | Date 22-Jun-01 | |
| (This space for Federal or State office use) | | Title | Date 7/10/01 |
| Approved by | | Office | |
| 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. | | | |
| 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. | | | |

PLUG & ABANDONMENT PROCEDURE

Lindrith No. 29

Basin Dakota

1450' FNL and 1450' FWL, Section 9, T26N-R7W

Rio Arriba 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 1 1/2" tubing and visually inspect.
3. **Plug #1 (Dakota perforations (6518' – 6666') and top, 6517')**: TIH with tubing and 4 1/2" CIBP. Set CIBP at +/- 6517'. Load casing with water. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Spot cement plug inside the casing above the CIBP with enough cement to bring the top of the Dakota plug to 6467'. TOH with tubing.
4. **Plug #2 (Gallup top, 5571')**: Perforate 3 squeeze holes at 5621'. TIH w/ 2 3/8" workstring to +/- 5520'. Establish rate into squeeze holes and place the Mesaverde plug from 5621' – 5521' inside and outside the 4 1/2" casing.
5. **Plug #3 (Mesaverde top, 3773')**: Perforate 3 squeeze holes at 3823'. TIH w/ 2 3/8" workstring to +/- 3723'. Establish rate into squeeze holes and place the Mesaverde plug from 3823' – 3723' inside and outside the 4 1/2" casing.
6. **Plug #4 (Pictured Cliffs and Fruitland tops, 2145' - 1900')**: TOH w/ 2 3/8" workstring to +/- 2195'. Place the Pictured Cliffs/Fruitland plug from 2195' – 1850' inside the 4 1/2" casing.
7. **Plug #5 (Ojo Alamo top, 700')**: Perforate 3 squeeze holes at 750'. TIH w/ 2 3/8" workstring to +/- 650'. Establish rate into squeeze holes. Establish rate into squeeze holes and place the Ojo Alamo plug from 750' – 650' inside and outside the 4 1/2" casing.
8. **Plug #6 (Nacimiento top, surface; 8 5/8" casing shoe at 332')**: Perforate 3 squeeze holes at 382'. Establish circulation out bradenhead valve. Mix and pump cement down the 4 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.

LINDRITH #2-9

SENW Sec. 9-T26N-R7W

Rio Arriba County, New Mexico

Drilled by Compass Exploration Inc.

Spud date: 4/30/63

Schematic - not drawn to scale

Drawn 5/17/99

8-5/8" Surface Casing:

7 jts 8-5/8", 28# csg

Set @ 331' KB, cemented w/ 225 sx regular 2%

HA-5. POB 1:45 PM 4/30/63. Good returns

4-1/2" Production Casing:

19 jt 4-1/2", 11.6#, J-55, 8rd ST&C csg

198 jts 4-1/2", 10.5#, J-55, 8rd ST&C csg

Set @ 6956' KB, DV tool @ 2335'. Cement 1st stage w/ 200 sx regular 40% Diacel "D", 120 sx Incor neat, 12.5#/sk gilsonite. Bumped plug, held OK, reciprocated casing. Cement 2nd stage through DV tool w/ 200 sx Class "C" w/ 16% gel, 0.4% HR7, 6.5#/gal/sk. TOC @ 600'. Topped w/ 275 sx regular 50-50 Pozmix 2% gel, which was tailed w/ 175 sx regular 50-50 Pozmix 2% gel w/ 12.5#/sk gilsonite and 2% CaCl₂.

Bridge plug set @ 6622' & drilled out during completion.

Tubing:

202 jts 1-1/2", 2.76#, V-50, CW, 10rd integral jt tubing

Set @ 6520' RKB.

Workover Activity:

An AFE was prepared in December 1995 to set a packer @ +/- 6300' to isolate a casing leak. No record in file of whether or not packer was set.

