

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

M. Oil Cons. Division
811 S. 1st Street
Alamosa, NM 88210-2834
RECEIVED
JAN 7 10 00 AM '97

FOR APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

FEB 14 1997

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SONAT EXPLORATION COMPANY (MIDLAND) 684-0400

3. Address and Telephone No.

110 WEST LOUISIANA STE 500, MIDLAND, TEXAS 79701

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1780' FNL & 660' FEL Section 11 T24S, R31E

5. Lease Designation and Serial No.

NM-64504

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LOTOS "11F" FEDERAL #2

9. API Well No.

30-015-28821

10. Field and Pool, or Exploratory Area

INGLE WELLS (DELAWARE)

11. County or Parish, State

EDDY COUNTY, NEW MEXICO

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

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Remedial Cementing
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See Attachment

14. I hereby certify that the foregoing is true and correct

Signed K. Glenn Carter

GLENN CARTER Drilling Superintendent
SENIOR DRILLING & PRODUCTION ENGINEER
Title (915) 684-0405 Date 1/03/97

(This space for Federal or State office use)

ORIG. SGD. DAVID R. GLASS

Approved by
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date FEB 12 1997

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled; and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

(1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.

(2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).

(3) Analyze future applications to drill or modify operations in light of data obtained and methods used.

(4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

Lotos "11-F" Federal No. 2

The present top of cement for the 5-1/2" production casing is at 5520' (TOC by CBL).

This proposed procedure will tie back cement into the intermediate casing by 500'.

1. MIRU pulling unit. Pull rods and pump. Install BOP. Pull tubing.
2. Set RBP at $\pm 5800'$. Test RBP to 3000 psi. Spot 20' of sand on top of RBP.
3. Perforate 4 squeeze holes at $\pm 5420'$ (100' above TOC).
Establish circulation through squeeze holes.
4. TIH with cement retainer on tubing. Set C.R. at $\pm 5320'$.
Establish circulation.
5. Pump - Lead - 500 sx 50/50 Poz H with 2% gel, 5# salt, 1/4# FC (14.2, 1.35)
Tail - 100 sx Class C with 2% CaCl₂ (14.8, 1.32)
6. Run temp survey 12 hrs after end of job to determine the new TOC.
7. WOC 48 hrs. Drill out cement retainer and cement. Test squeeze holes to 500 psi.
Retrieve RBP.
8. Place well back on production.

KGC 9/04/96

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