

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993
5. Lease Designation and Serial No.

NM 69369

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Sotol Federal
Well #/

9. API Well No.

30 015 28865

10. Field and Pool, or Exploratory Area

Mesa Verde (Delaware)

11. County or Parish, State

Eddy County, New Mexico

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Sonata Exploration Company

3. Address and Telephone No.

684-6381

110 W. Louisiana, Suite 500, Midland, TX 79701, 915 684-0433

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

SURFACE: 1980 FNL & 1980' FEL

TD: Sec I, T24S, R31E

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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: Add perfs & frac
☐ 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.)

2-9-97: Rig up & perforate from 8314-8320', 4 SPF. Testing tubing.

2-13-97: Rig up reverse unit, circulate hole w/2% KCL water, 135 bbls.

2-14-97: Continue to circulate hole, total bbls 2% KCL to recover - 563 bbls.

2-15-97: Continued in hole w/ 2 7/8" N-80 tubing, screwed into fish @ 6845', attempt to work packer loose, rig up wireline

& run free point @ 7160' & 7127', 100% free @ 7064', well began to flow, pumped 48 bbls 2% KCL water. Back off tubing at 7064', TOOH w/wireline. Ran bottom of wash pipe to 6750', pumping 20 bbls KCL down casing. SDON.

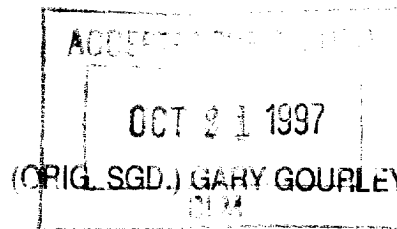
2-17-97: RIH w/2 7/8" new N-80 tubing, tag sand @ 7085'. Break circulation w/120 bbls 2% KCL, pump to circulate hole clean.

Total load to recover from 2-10-97 acid/frac=912 bbls, 2-13-97=286 bbls, 2-14-97=403 bbls, 2-15-97=58 bbls, 2-17-97=750 bbls, total load to recover through 2-17-97 is 2419 bbls.

2-18-97: Ran tubing SN @ 6530', start to run pump, shut down.

2-19-97: Put well on pump, rig down equipment.

2-20-97: Well on production.



14. The /

Signed

Title

Ann E. Ritchie
REGULATORY AGENT

Date 10-6-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any.

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ROSWELL OFFICE