

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Samson Resources Company

3a. Address

Two West Second Street, Tulsa, OK 74103

3b. Phone No. (include area code)

(432) 683-7063

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

2080' FWL & 760' FSL Sec. 11-20S-34E

5. Lease Serial No.

NMNM0631

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Federal 11-20-34

No. 2

9. API Well No.

30-025-21931

10. Field and Pool, or Exploratory Area

(Lea) Bone Springs

11. County or Parish, State

Lea

NM

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

TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other Open UpperBone Spring Prod.

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 the involved operations. 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 3160-5 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 final site is ready for final inspection.)

1. Move and set Pumping Unit.

2. ND Tree. RU Completion Unit. NU BOP's. TOH w/BHA. RD Completion Unit.

3. RU WL & 5000 psig lubricator. RIH w/5000 psig, 4 1/2" CIBP and set @ 10,970' and cap w/20' RIH w/10,000 psig, 4 1/2" CIBP and set @ 9550'. Perf Stg I (9480'-9532') 2spf.

4. Frac Stage I (9480'-9532') w/1600gal, 15% HCl & 115,531# 20/40.

5. RU Completion rig. TIH w/ALE. ND BOP. NU Wellhead. RD Completion Rig.

6. Pump tst zone and report prod.

7. RU Completion Unit. NU BOP's. TOH w/ALE. RD Completion Unit.

8. RU WL & 5000 psig lubricator. RIH w/3 3/4" Gauge Ring to 9425'. RIH w/10,000 psig, 4 2/1" Composite Bridge Plug and set @ 9420'. Perf Stage II (9190'-9200' & 9222'-9232') 2spf.

9. Frac Stage II (9190'-9232') w/2000 gal, 15% HCl, 11000 gal Slick Water and 60,334#.

10. RIH w/10000 psig, 4 1/2", 13.50# Composite frac plug and set @ 9150'. Perf Stage III (9100'-9120') 2 spf.

11. Frac Stage III (9100'-9120') w/12000 gal Slick Water & 67849# 20/40. Include 2000 gal of 15% in HCl flush.

(Procedure continued on separate sheet)

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

G. J. Farrell, III

Title

District Engineer

Date 5/12/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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

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Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

APPROVED

JUN - 1 2006

LEO BABYAK
PETROLEUM ENGINEER

Federal 11-20-34 No. 2 (30-025-21931)
11-T20S-R34E Lea Co., NM
Complete Upper Bone Spring Procedure

(Continued From Form 3160-5 Intent)

12. RIH w/10,000 psig, 4 1/2", 13.50# Composite Frac Plug and set @ 9,060'. Perforate 4th stage: (8,974' – 8,984' & 9,010' – 9,020') 2 SPF.
13. Frac Stage IV (8,974' – 9,020') w/9,680 gals of Slick Water and 61,080 #'s of 20/40 PR-6000 in 64,740 gals of 15-17 lb Linear Gel. Include 2000 gallons of 15% HCl in flush.
14. RIH w/10,000 psig, 4 1/2", 13.50# Composite Frac Plug and set @ 8,900'. Perforate 5th stage: (8,802' – 8,822') 2 SPF.
15. Frac Stage V (8,802' – 8,822') w/8,000 gals of Slick Water and 60,418 #'s of 20/40 PR-6000 in 72,018 gals of 15-17 lb Linear Gel.
16. RU Completion Unit. TIH w/3 3/4" bit and 6, 3 1/8" DC's on 2 3/8", 4.70#, N80, EUE tubing. Drill out frac plugs @ 9,150', 9,060', 8,900', and clean out to Composite Bridge Plug @ 9,420'. Do not drill Composite Bridge Plug @ 9,420'. TOH w/BHA.
17. TIH w/ALE on 2 3/8", 4.70#, N80, EUE tubing. Set pump @ 9,275' +/-.
18. ND BOP, RD completion rig.
19. NU tree, place on pump and monitor production.
20. After Stages II-V have been sufficiently pump tested, RU Completion Unit. TOH w/ALE.
21. TIH w/3 3/4" bit and 6, 3 1/8" DC's on 2 3/8", 4.70#, N80, EUE tubing. Drill out Composite Bridge Plug @ 9,420' and clean out to PBTD of 9,550'. Do not drill CIBP @ 9,550'. TOH w/BHA.
22. TIH w/ALE on 2 3/8", 4.70#, N80, EUE tubing. Set pump @ 9,540' +/-.
23. ND BOP, RD completion rig.
24. NU tree, place on pump and monitor production.