

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED  
Budget Bureau No. 1004-0136  
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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

SAMSON RESOURCES COMPANY Attn: Duke Roush (432) 686-6336

3. Address and Telephone No.

200 N. Loraine Street, Suite 1010, Midland, TX 79701

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

1980' FNL & 980' FEL  
Section 12, T-20-S, R-34-E

Unit H

5. Lease Designation and Serial No.  
NM-02127-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lea Federal #22

9. API Well No.

30-025-39010

10. Field and Pool, or Exploratory Area  
Lea Bone Springs

11. County or Parish, State

Lea County, 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

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other BOP change  
☐ 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.)

Samson Resources Company would like to request an exception to use a 13-5/8" 3M annular (instead of a 13-5/8" 5M annular) on top of the planned 13-5/8" 5M Double Gate BOP. This BOPE system will be used on top of both the 13-3/8" and 9-5/8" casing strings.

The maximum mud weight expected at 11,300' TD is 9.1 ppg (based on offset wells). This corresponds to a maximum 8.6 ppg pore pressure, a 5053 psi maximum bottom hole pressure, and a maximum possible surface pressure = 4548 psi (using a gas gradient = 0.1 psi/ft and 100% gas evacuated annulus). If the surface pressure ever exceeds 2000 psi, the pipe rams will be closed (below the annular), but this is highly unlikely since 2000 psi surface pressure would equate to +/- 320 barrels of gas kick influx and +/- 6150' of mud evacuation (8-3/4" hole; 6" drill collars and 4-1/2" drillpipe): With kick detection flow sensors and routine well control drills, no kick influx should exceed 100 bbls of maximum influx before the well is shut-in.

Estimated date of start: 8/12/08

RECEIVED

AUG 27 2008

HOBBS OCD

5 M annular  
reqd.

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

Signed Kenneth C. Dickeson Title Kenneth C. Dickeson, Agent

(This space for Federal or State office use)

Approved by  
Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

Date 8/7/08

AUG 26 2008

WESLEY W. INGRAM

Title 18 U.S.C. Section 1001, 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.