

NMCO-40665

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

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 ☐ Gas ☒ Well ☐ Other ☐
2. Name of Operator
Samson Resources Company
3. Address and Telephone No.
TWO WEST SECOND STREET, TULSA, OK 74103-3103 (918) 583-1791
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FNL & 1,750' FEL, Sec. 14-20S-34E

5. Lease Designation and Serial No.
NM-080262
6. If Indian, Allottee or Tribe Name
N/A
7. If Unit or CA, Agreement Designation
N/A
8. Well Name and No.
Lea Federal Unit #20
9. API Well No. **30-025-37012**
10. Field and Pool, or Exploratory Area
11. County or Parish, State
Lea County, NM

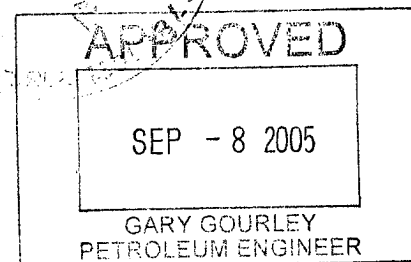
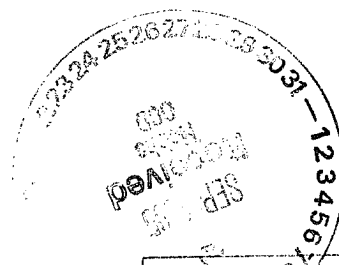
12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Set and Cement Int.
	<input type="checkbox"/> Casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)

Please see attached page for details.



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

Signed **Don Eubank**

Title

Area Drilling Manager

Date

Aug. 31, 2005

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

KZ

8/27/2005 Verbal approval from BLM/~~Barlon~~ Deaton to use Interfill "H" on stage 1 lead and Premium "H" on second stage tail.

8/28/2005 Set 9 5/8" 40# N-80 LTC casing @ 5,820' inside of 12 1/4" hole. Cemented with 430 sacks of Interfill "H" mixed at 11.9 ppg and 340 sacks of Premium "H" mixed at 15.6 ppg. Dropped bomb and inflated the packer with 500 psi and then opened the DV tool with 975 psi. Pumped 540 Bbls of fresh water with no returns.

Cement second stagewith 300 sacks of Interfill "A" w/ .25 pps of flocele mixed at 11.9 ppg and 50 sacks of Premium "A" mixed at 15.6 ppg. Did not circulate any cement or have any returns of any kind. Bumped plug and closed DV tool with 1550 psi FCP at 260 psi at 7bpm. Held.

Notified BLM Marlon Deaton of no returns on cement job. Approval of running temperature survey.

8/29/2005 Ran wireline temperature survey to 1,712'. Temperature increase from 1,705'-1,712'.

Cement through 1" pipe (First attempt) w/ 50 sacks of Class "A" w/ 2% CACL2 mixed at 15.0 ppg. W.O.C. for 2.5 hours. Trip in hole to 1,714'. Did not tag. Pump 200 Bbls of fresh water down back side with no returns.

Cement through 1" pipe (Second attempt) w/ 100 sacks of Class "A" w/ 2% CACL2 mixed at 15.0 ppg. W.O.C. for 2.5 hours. Attempted to fill annulus with fluid. No returns.

Cement through 1" pipe (Third attempt) w/ 100 sacks of Class "A" w/ 2% CACL2 mixed at 15.0 ppg. W.O.C. for 2.5 hours. Attempted to fill annulus with fluid. No returns.

Cement through 1" pipe (Forth attempt) w/ 50 sacks of Class "A" w/ 2% CACL2 mixed at 15.0 ppg. W.O.C. for 2 hours. Attempted to fill annulus with fluid. No returns.

Cement through 1" pipe (Fifth attempt) w/ 50 sacks of Class "A" w/ 2% CACL2 mixed at 15.0 ppg. W.O.C. for 2 hours. Attempted to fill annulus with fluid. No returns.

Received Approval from BLM to not circulate cement to surface.

Tested casing to 1,500 psi. Tested BOPE to 250/5000. Tested annular and stand pipe to 250/3500. Tested floor valves to 250/5000. Tested accumulator. Andy Cortez / BLM onsite to witness.