Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

5. Lease Designation and Serial No.
SF-078566

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Storey LS (IC) #1

2. Name of Operator
Amoco Production Company

Attention:
Wayne Branam

9. API Well No.

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201

(303) 830-4912

Blanco Mesaverde

10. Field and Pool, or Exploratory Area
3004507183

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
890FNL 1550FEL Sec. 27 T 28N R 8W

11. County or Parish, State
San Juan New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☒ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other Sidetrack or Lower	☐ 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.)*

Amoco Production Company request approval to perform attached procedure for subject location.

RECEIVED
SEP - 7 1994
OIL CON. DIV.
DIST. 3

94 SEP -1 AM 10:43
070 FARMINGTON, NM

BLOOMFIELD RESOURCE AREA

14. I hereby certify that the foregoing is true and correct
Signed Wayne Branam Wayne Branam Title Business Analyst Date 08-30-1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

APPROVED
SEP 01 1994
DISTRICT MANAGER

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 Instructions on Reverse Side

NMOCD

Storey LS #1 MV
890' FNL 1550 FEL, Sec. 27, T28N, R8W
Orig. Comp. 7/54
KB = 6101' TD = 4840' (Open Hole)

This MV well was drilled to 4135' and 7" casing was set. It was then drilled to 4840" and sand/oil frac'd. Therefore, size of hole below 4135' is questionable. Top of cement is at 2360' (per Temperature Survey).

We will clean out the hole, deepen the well to 4932' (to encounter sands similar to those in the Howell #4), run a caliper log and set 4 1/2" production casing. The MV will then be frac'd in two stages.

If unable to remove tubing or if caliper log can not gauge hole, a sidetrack will be performed 500' above the 7" casing shoe.

Report any problems to Lara Kwartin: W-(303) 830-5708 H-(303) 343-3973
Pager-(303) 553-6332

1. Check location for anchors. Install if necessary. Test anchors. Record TP, SICP and SIBHP.

2. MIRUSU. Blow well down. NDWH. NUBOP/Test BOP.

3. TOH with tubing and inspect. Replace any bad joints.

4. Pick up casing scraper and work string. Run scraper to PBTD. Set BP at 4080' and pressure test BOPs and 7" casing to 80% of burst rating.

5. Perforate 2 jspf at 2280' (above FT (2282')). Set pkr at 2230' and circ water and cement to surface. Contact Lara Kwartin prior to re-perforating.

6. WOC.

7. TOH with pkr set at 2230'. Pick up drill collars, drill pipe and 6 1/4" bit and drill out BP at 4080'. DO NOT pressure test squeeze holes as 4 1/2" will be set across holes.

8. Clean out well and deepen as necessary to run 4 1/2" casing from surface to 4932' or where ever bit dies.

9. Condition hole and TOH with DP and DC. Run caliper log to calculate cement volumes. If caliper log is unable to gauge hole prepare to sidetrack per attached procedures. Change rams and run 4 1/2" csg 10.5# K-55 STC csg to 4932' . Cement to 7" casing with Class B, 50/50 POZ, 2% gel, .86% Halad-344 with 5#/sx Gilsonite, and 1/4 #/sx flocele.

10. WOC. Drill out cement to PBTD (4912').

11. Run a GR/CCL/CBL from PBTD to 4200' to determine if squeeze work will be necessary prior to fracture stimulation. Fax results to Lara Kwartin in Denver so she can verify/add perfs for perforating.

12. Correlate GR/CCL/CBL to Schlumberger's Electric, Gamma Ray, Induction log dated 4/12/54.

13. Blow well dry with air to 4530'.

14. RU lubricator and perforate the Point Lookout, under balanced with a 3 1/8" casing gun, 2 JSPF, 120 degree phasing 12 1/2 g charges. Depths are based on Schlumberger's Electric log, so be sure to adjust these depths according to the correlation log prior to perforating.

PERFORATE MENEFEE/POINT LOOKOUT

4638-46' 4654-62' 4672-78' 4680-92' 4742-46' 4764-74'

4784-4816' 4822-32' 4852-72'

15. Fracture stimulate according to the attached MenefeePoint Lookout frac schedule. DO NOT FLOW BACK AT THIS TIME.

16. TIH with a RBP and set at 4600'. Cap with sand.

17. Blow dry with air to 4150'.

18. RU lubricator and perforate the Cliff House, under balanced with a 3 1/8" casing gun, 2 JSPF, 12 1/2 g charges.

PERFORATE CLIFF HOUSE

4250-96'

19. Fracture stimulate according to the attached Cliff house frac schedule.

20. Flow back well until it dies.

21. TOH/Drill RBP set at 4600'.

22. Clean out to PBTD with air. TOH with work string.

23. Once sand entry has ceased, land tubing at 4870' with a mule shoe on bottom and a seating nipple one joint off of bottom.

24. RDMOSU.

25. Tie well back into surface equipment and return to production. Report rates and pressures on CRWS for approx. 5 days during flow back.

SIDETRACK PROCEDURE

Storey LS #1 MV
890' FNL 1550 FEL, Sec. 27, T28N, R8W
Orig. Comp. 7/54
KB = 6101' TD = 5695'

In the event that we are unable to pull tubing or gauge the hole with the caliper log, the following sidetrack procedure will be used in place of step 6.

6. a. Free point tubing and back off below 7" casing shoe.
   b. TIH with cement retainer and set at 3635'.
   c. Rig up air package and dry hole. Set whipstock and anchor above BP.
   d. Pick up tricone button bit (6 1/4") with a near bit stabilizer: attempt to increase deviation to approximately 10 degrees by forcing bit with the building assembly.
   e. Drill to a TVD of 4932'.
   f. Run 4 1/2" casing from surface to 4932'. Cement in one stage (air drilled hole) with Class B, 50/50 POZ, 2% gel, .86% Halad-344 with 5#/sx Gilsonite, and 1/4 #/sx flocele. Cement in two stages if mud drilled.