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-076958

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.: Lefkovitz Gas Com B #1E

2. Name of Operator: Amoco Production Company — Attention: Gail M. Jefferson, Rm 1295C

9. API Well No.: 3004525305

3. Address and Telephone No.: P.O. Box 800, Denver, Colorado 80201 — (303) 830-6157

10. Field and Pool, or Exploratory Area: Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 930FSL 940FEL Sec. 25 T 29N R 10W Unit P

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 Well Repair	☐ 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 requests permission to repair the above referenced well per the attached procedures.

If you have any technical questions please contact Steve Webb at (303) 830-4206 or Gail Jefferson for any administrative questions.

RECEIVED
OCT 2 3 1995
OIL CON. DIV.
DIST. 3

RECEIVED
BLM MAIL ROOM
95 OCT 17 PM 12:50
070 FARMINGTON, NM

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

Signed Gail M. Jefferson Title Sr. Admin. Staff Asst. Date 10-16-1995

(This space for Federal or State office use)

APPROVED

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

OCT 19 1995

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

1. RU x pull dual tubing strings.

2. Drill out production packer. Tag for fill and clean out if necessary. Drill out to 6570' (note new perforations at 6520-40', must drill out to perforate this interval).

3. Perforate new DK interval 6525-40' with 4" HCP gun, 22.7 g charges on 120 degree phasing at 2 JSPF (EHD=0.40", Penetration=22.22").

4. TIH w/ frac string and Halliburton 5 1/2" DTTS packer. Set packer at 6500'.

5. Fracture stimulate new DK pay according to fracture stimulation procedure A. Monitor annular pressure for indication of fracture communication around packer.

6. SI well for 4 hours. Flow back well on 1/4" choke for 8 hours the increase choke size. Flowback well to clean up.

7. Drill out packer x clean out to PBTD.

8. Flow back commingled production stream until stabilized.

9. Land single 2 3/8" production string at 6400' +/-.

10. Return well to production. Swab in if necessary.

Note: This procedure has a dual purpose. We will attempt a pay addition in the DK and we will execute a downhole production commingle of the MV and DK. This well has abnormally low recoveries projected from the DK. Analysis of logs indicates that most of the Cubero sands were bypassed during initial completion. Comparison with logs from offsets indicates that these Cubero sands are in fact pay and are the probable reason for the low ultimate recovery estimate. A significant production increase of 150 MCFD is anticipated from the DK pay addition. To achieve this production increase a small fracture stimulate will be required. The stimulation will be small (40M lbs sand) and pumped at a low rate (12 BPM design rate. We will also use limited entry techniques to control the frac height growth in an effort to minimize the potential of the fracture growing into lower water zones or connecting uphole with the existing fracture and perforations.

Additionally, we are anticipating a 70 MCFD production increase from the MV. This will occur from the gas lift effect that will be provided from the DK gas. The MV makes quite a bit of liquids which is currently inhibiting production. By downhole commingling the MV and DK production strings we will utilize the DK produced gas stream to gas lift the MV liquids (which are primarily oil).

The downhole commingling application has been submitted to the BLM for approval. We anticipate receipt of this approval around the same time as we receive the approved AFE from our partners.

Lefkovitz GC B#1E (DK) / C#1 (MV)

930' FSL x 950' FEL Sec 25, T31N-R10W

SL Webb 7/3/95

WELL INFO

API # 30-045-25305

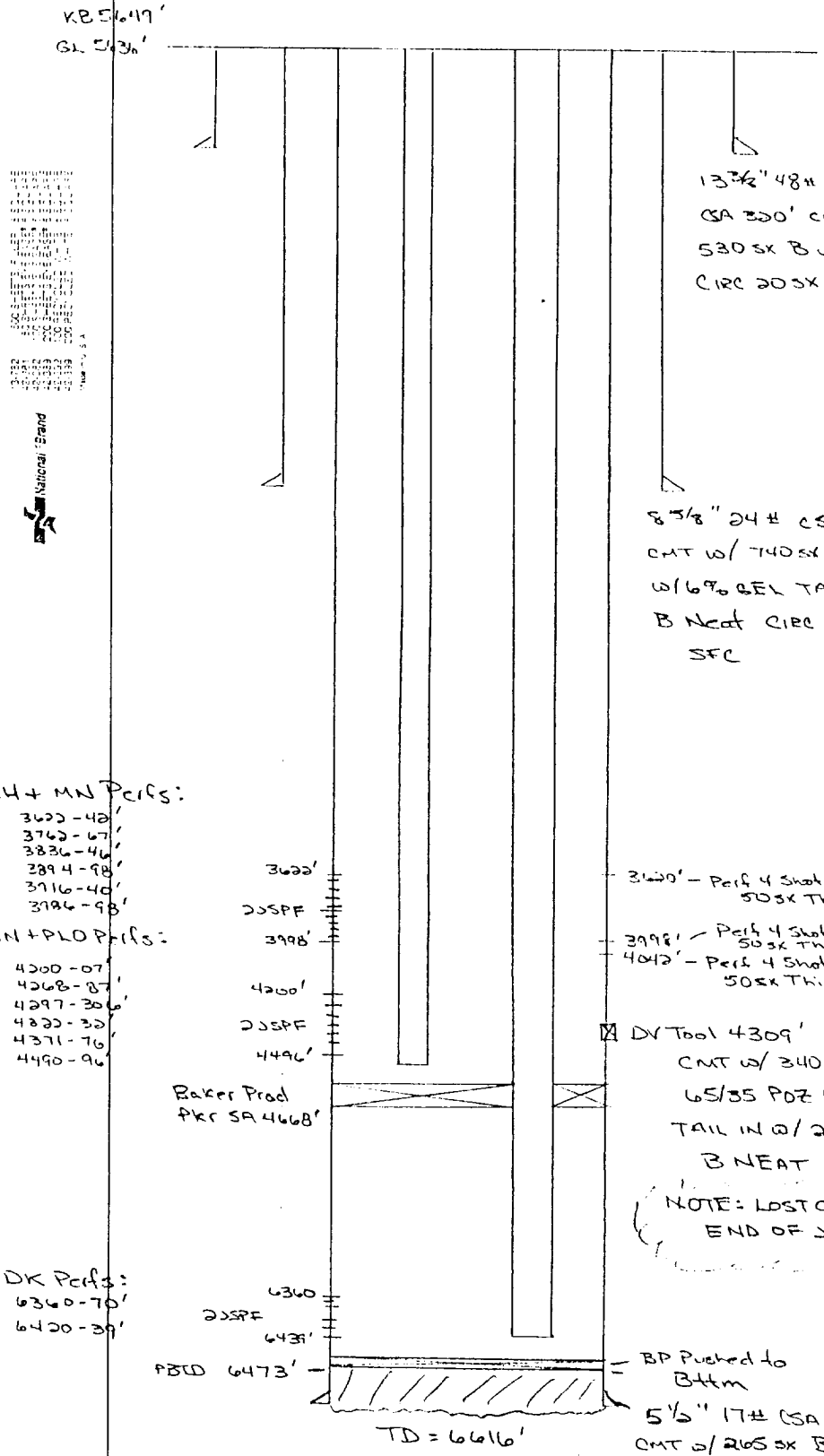
FLAC WELL # 92733

FED LSE SF-076958

E/D SPACING 320 Acres (Both Sides)

GAS PURCHASER: EPNG

APC WI = 50% (BOTH ZONES)



SPUD: 2/13/82

COMPLETION: 5/1/82

PERF DK → BRKDOWN

XLINK FRAC w/ 66M Gal

+ 204M # 20/40

PERF PLO + BTM MN:

FRAC w/ 121M gal H_2O +

177M # 20/40

ISOLATE BELOW RBP

PERF CH + TOP MN:

FRAC w/ 154M gal H_2O

+ 220M # 20/40

CLEAN OUT ALL ZONE

LAND PKR + TBG's

IP: B1E (DK) 1.067 MMCFD

C1 (MV) 1.465 MMCFD

6/14 + 6/7/82

NOTE: ISIP MN + PLO FRAC =

VACUUM. FOUND

60' CMT ON RBP

ABOVE DK DURING

CO.

MV TBG: 1 1/4" 2.33# IJ

J55 TSA 4516'

BTTM: Perf Tube 5'

F Nipple 1.2'

Swage Nipple .6'

DK TBG: 2 3/8" 3.25# IJ

N80 TSA 6437'

BHA Unknown

TAG 7/10 + 7/31/95

MV: FLUID 3450' GL

FILL 4529' GL

DK: FLUID - NONE

FILL - 6544' GL

6451'