

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-25305

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
501 Airport Dr., Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 930' FSL x 940' FEL, Section 25, T29N, R10W  
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10.2 miles Southeast of Bloomfield, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
930'

16. NO. OF ACRES IN LEASE  
1610

17. NO. OF ACRES ASSIGNED TO THIS WELL  
E 320/320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2640'

19. PROPOSED DEPTH  
6730'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5636' G.L.

22. APPROX. DATE WORK WILL START\*  
As soon as permitted.

5. LEASE DESIGNATION AND SERIAL NO.  
SF-076958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Lefkovitz Gas Com "B"

9. WELL NO.  
1E

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota/Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 25, T29N, R10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48# (H-40)	300'	530 sx Class B x 2% CaCl2-Circ
12-1/4"	8-5/8"	24# (K-55)	2500'	1st Stage - 740 sx) Cl B 50:50 POZ x
7-7/8"	5-1/2"	17# (K-55)	6730'	2nd Stage - 640 sx) 6% gel, 2# med. tuf plug/sx, .8% FLA x 100 sx Cl B Neat (Tail In) circ.

This application to drill an infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMOCDC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V. The above well is also being drilled to further develop the Blanco Mesaverde formation. The gas from this well is dedicated to a gas sales contract.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wynne J. Peterson TITLE District Engineer DATE DEC 15 1981

(This space for Federal or State office use)

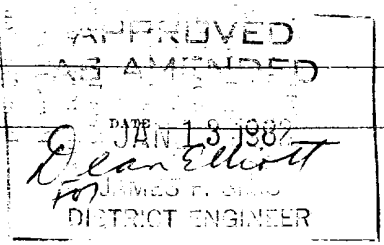
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

*ms*

NMOCDC



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

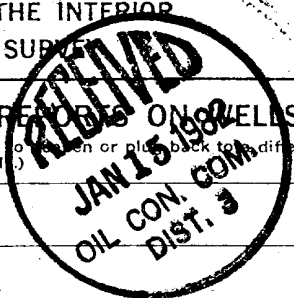
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Amoco Production Company

3. ADDRESS OF OPERATOR  
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 930' FSL x 940' FEL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same



5. LEASE  
SF-076958

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Lefkovitz Gas Com "B"

9. WELL NO.  
1E

10. FIELD OR WILDCAT NAME  
Basin Dakota/Blanco Mesaverde

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/4, SE/4, Section 25 T29N, R10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5636' GL

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

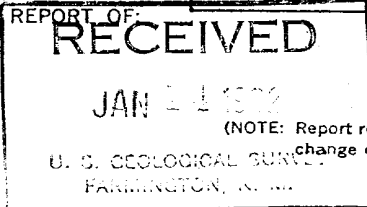
PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

SUBSEQUENT REPORT OF:



(NOTE: Report results of multiple completion or zone change on Form 9-330.)

(other) To revise cementing program on the subject well for USGS Form 9-331-C.

17. 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.)\*

Size of Hole	Size of Casing	Weight per ft.	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48# (H-40)	300'	530 sx Class "B" with 2% CaCl2--no tail in
12-1/4"	8-5/8"	24# (K-55)	2500'	740 sx Class "B" 65:35 POZ, 6% gel, 2# med. tuf plug/sx, and 0.8% Fluid loss additive--tail in 100 sx Class "B" neat
7-7/8"	5-1/2"	17# (K-55)	6730'	1st stage--315 sx Class "B" 50:50 POZ 6% gel, 2# med tuf plug/sx and 0.8% Fluid loss additive--tail in 100 sx Class "B" neat 2nd stage--490 sx Class "B" 65:35 POZ 6% gel, 2# med tuf plug/sx and 0.8% Fluid loss additive--tail in 100 sx Class "B" neat

D. V. tool set at 4315'.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

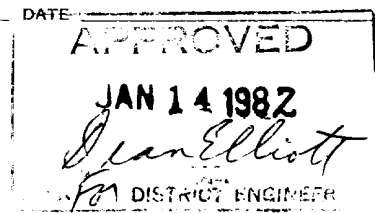
18. I hereby certify that the foregoing is true and correct

SIGNED \_\_\_\_\_  
Original  
B. E. SVOLSOVA

TITLE Dist. Admin. Supvr. DATE 1/14/82

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions on Reverse Side

AMOC

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

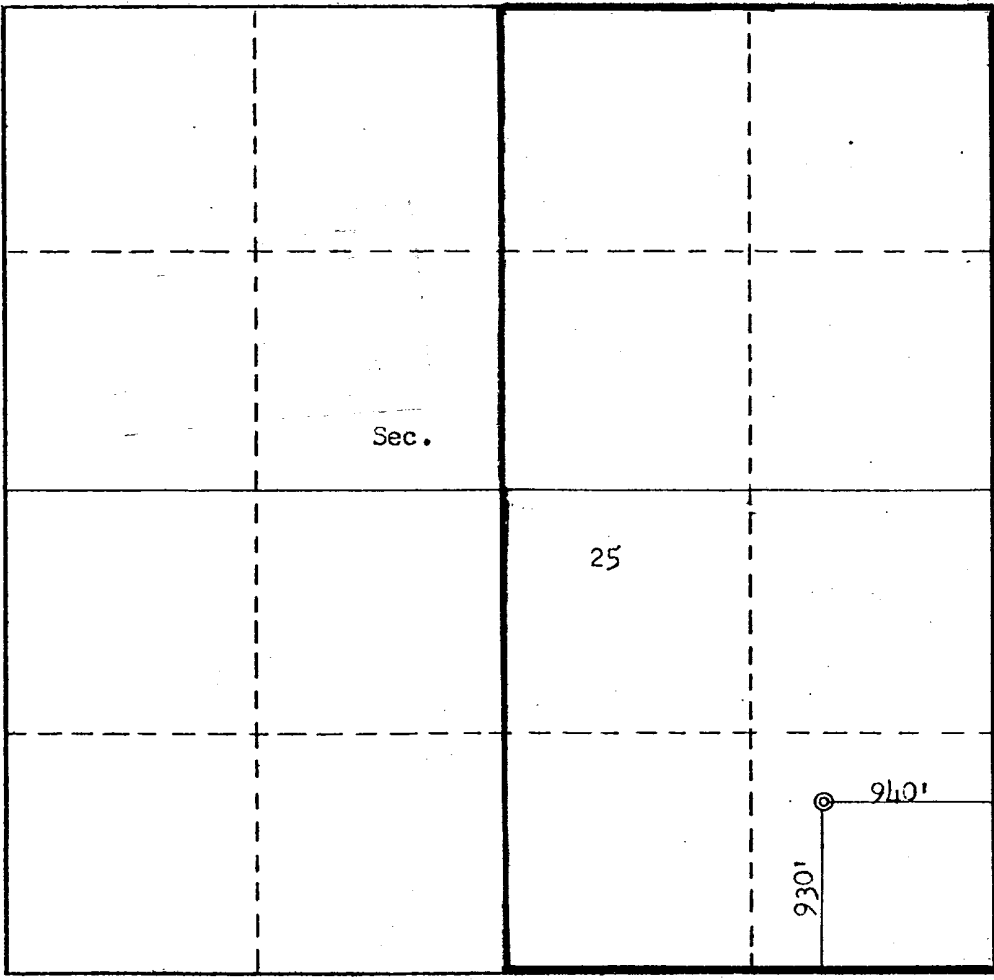
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>LEFKOVITZ GAS COM "B"</b>		Well No. <b>1E</b>
Unit Letter <b>P</b>	Section <b>25</b>	Township <b>29N</b>	Range <b>10W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>930</b> feet from the <b>South</b> line and <b>940</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5636</b>	Producing Formation <b>Basin Dakota/Blanco Mesaverde</b>		Pool <b>Dakota/Mesaverde</b>	Dedicated Acreage: <b>E 320/320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation communitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Wingard J. Peterson*  
Name  
W. L. Peterson

Position  
District Engineer

Company  
Amoco Production Company

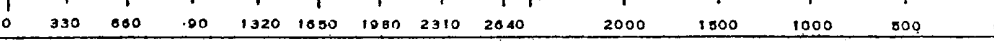
Date  
DEC 15 1981

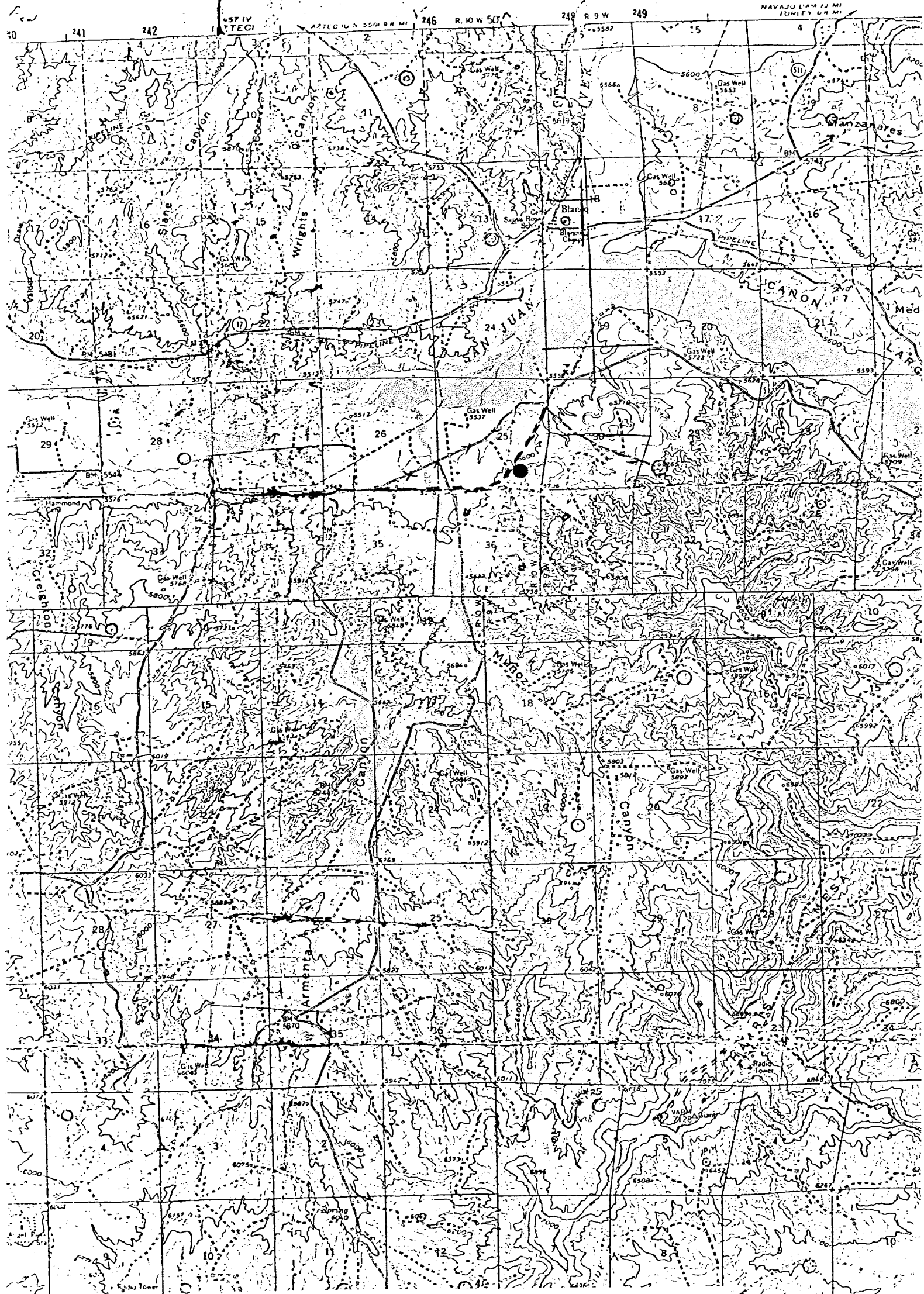
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
November 1981

Registered Professional Engineer and/or Land Surveyor  
*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.  
3950





Vicinity Map for  
AMOCO PRODUCTION CO. #1E LEFKOVITZ GAS COM "B"  
930'FSL 940'FEL Sec. 25-T29N-R10W  
SAN JUAN COUNTY, NEW MEXICO