

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

2160' FSL X 1850' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

65 miles northeast of Bloomfield, New Mexico

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any) 1850'

19. PROPOSED DEPTH
8025'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6179' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|--------------|----------------|-----------------|---------------|
| 14-3/4" | 13-3/8" | 48 | 400' |
| 7-7/8" | 4-1/2" | 11.6 | 8025' |

17. NO. OF ACRES ASSIGNED
TO THIS WELL
320/160 368.28/160

20. ROTARY OR CABLE TOOLS
Rotary

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

This action is subject to administrative
appeal pursuant to 30 CFR 290.

472 cu. ft. Class B w/ 2% CaCl₂
1097 cu. ft. Class B w/ 50:50 poz,
6% gel, 0.2% FLA, 1097 cu. ft.
Class B w/ 65:35 poz, 6% gel,
0.2% FLA, and 236 cu. ft. Class
B Neat.

Amoco proposes to drill the above well to further develop the Basin Dakota/Undesignated Gallup reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is undedicated at this time.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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 BDS Shaw TITLE Adm. Supervisor

(This space for Federal or State office use)

PERMIT NO. 114 SEP 25 1984 APPROVAL DATE

APPROVED BY NSI OIL CON. DIV. TITLE

R-2046
ahz

OIL CON. DIV.
DIST. 3

NMOCC

APPROVED

AS AMENDED

DATE

SEP 21 1984

By J. Stan McKee

AREA MANAGER
FARMINGTON RESOURCE AREA

OIL CONSERVATION DIVISION

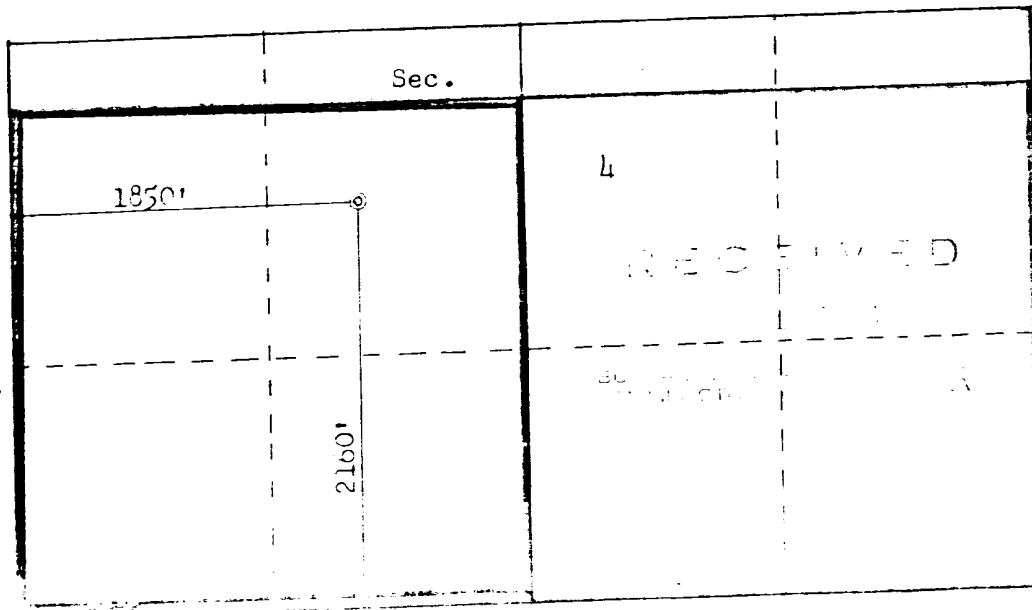
P. O. BOX 2088

Form C-107
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

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

| | | | | |
|---|---|---|---|-----------------------------|
| Operator AMOCO PRODUCTION COMPANY | | Lease RCSA UNIT | | Well No. 107 |
| Unit Letter K | Section 4 | Township 31N | Range 5W | County Rio Arriba |
| Actual Footage Location of Well: 2160 feet from the South line and 1850 feet from the West line | | | | |
| Ground Level Elev. 6179 | Producing Formation Dakota & Gallup | Pool Basin Dakota/Undes. Gallup | Dedicated Acreage: 320/160 Acres 368.24 | |
| <p>1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.</p> <p>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).</p> <p>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?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes," type of consolidation <u>Unitized</u></p> <p>If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p> | | | | |



CERTIFICATION

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

B. D. Shaw

Name

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Company

Date

7-2-84

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.

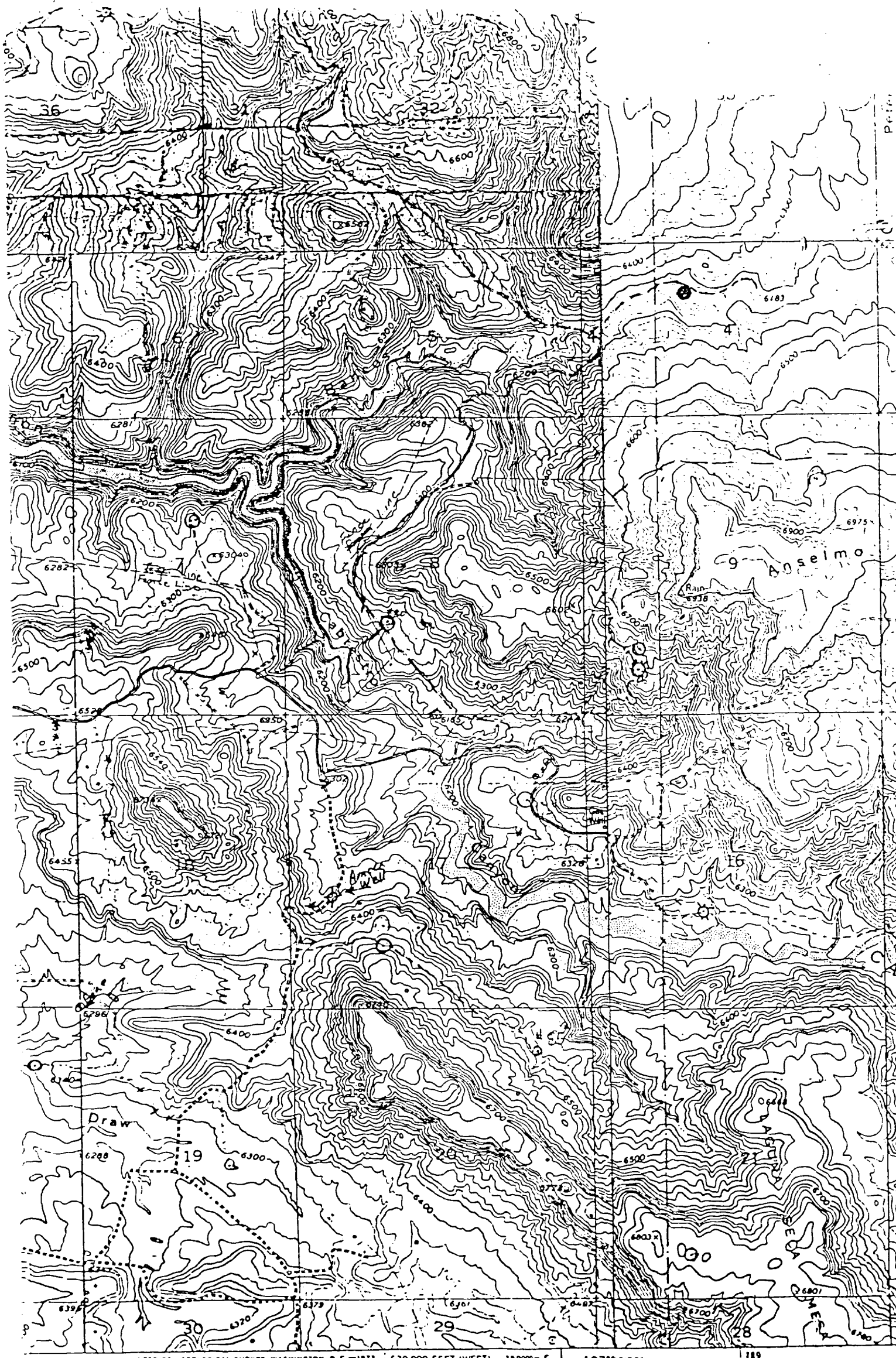
Date Surveyed

March 22, 1981

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

Certificate No. 1111

3050



Vicinity Map for
AMOCO PRODUCTION COMPANY #107 ROSA UNIT
2160' FSL 1850' FWL Sec. 4-T31N-R5W
RIO ARRIBA COUNTY, NEW MEXICO

mercator projection 1927 North American datum