

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. SF-078903	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company				7. UNIT AGREEMENT NAME Callegos Canyon Unit	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 990' FSL x 1850' FWL At proposed prod. zone Same				9. WELL NO. 124E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 17 miles southeast of Farmington, NM				10. FIELD AND POOL, OR WILDCAT Basin Dakota/Wildcat Gallup	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 990'				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/SW Sec. 35, T28N, R12W	
16. NO. OF ACRES IN LEASE 1280				12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL W 320/40				13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 700'W				19. PROPOSED DEPTH 6405'	
20. ROTARY OR CABLE TOOLS Rotary				21. APPROX. DATE WORK WILL START* As soon as permitted	
22. APPROX. DATE WORK WILL START* As soon as permitted				23. QUANTITY OF CEMENT 354 c.f. Class B 1454 c.f. Class B	

Amoco proposes to drill the above well to further develop the Basin Dakota and Wildcat Gallup reservoirs. 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 dedicated to El Paso Natural Gas under contract No. 56,742.

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 Original Signed By D.D. Lawson		District TITLE Administrative Supervisor	
(This space for Federal or State office use)		DATE 2/8/85	
PERMIT NO.		APPROVAL DATE	
APPROVED BY		TITLE	
CONDITIONS OF APPROVAL, IF ANY:			

NMOCC

**APPROVED**  
**AS AMENDED**  
MAR 19 1985  
J. Stan Mickel  
AREA MANAGER  
FARMINGTON RESOURCE AREA

\*See Instructions On Reverse Side

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

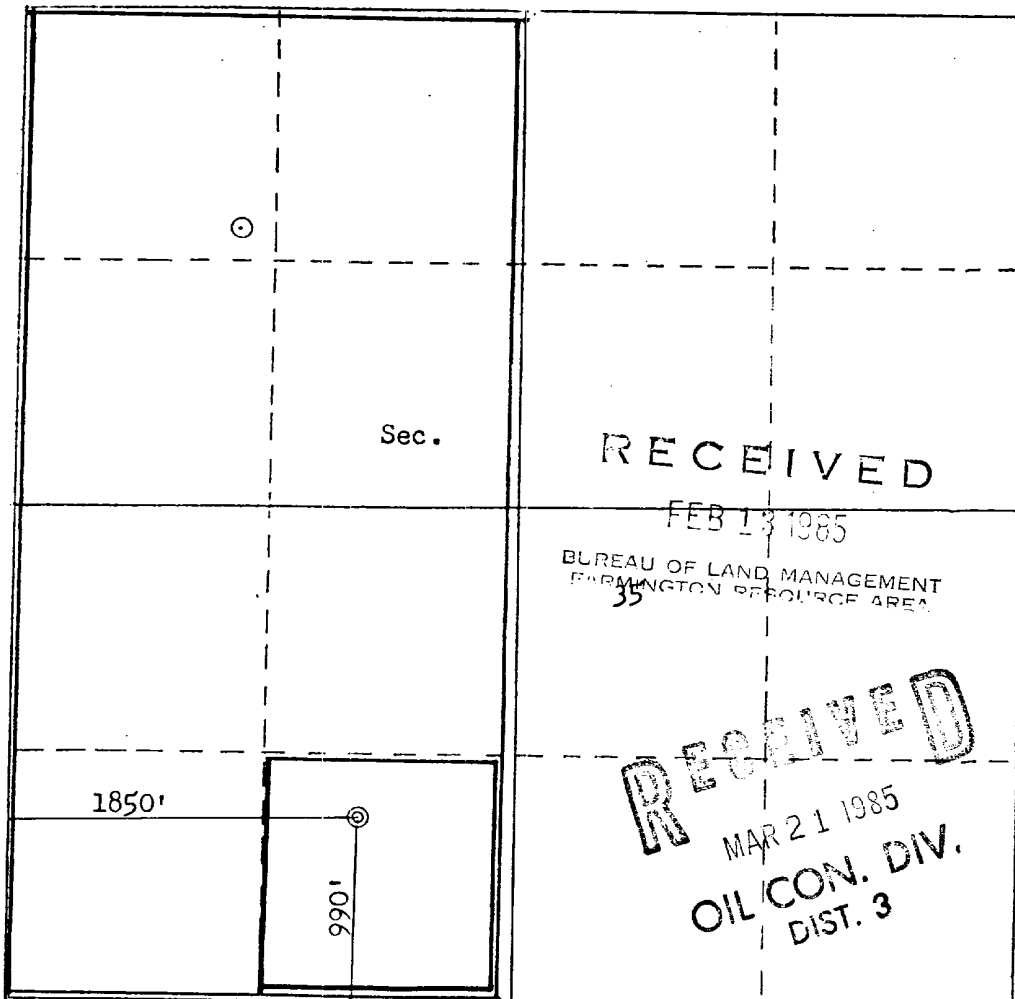
Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>GALLEGOS CANYON UNIT</b>		Well No. <b>124E</b>
Unit Letter <b>N</b>	Section <b>35</b>	Township <b>28N</b>	Range <b>12W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>South</b> line and <b>1850</b> feet from the <b>West</b> line					
Ground Level Elev: <b>5942</b>	Producing Formation <b>Dakota &amp; Gallup</b>		Pool <b>Basin Dakota/Wildcat Gallup</b>	Dedicated Acreage: <b>320/40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Unitized

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.



Scale: 1"=1000'

CERTIFICATION

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

Original Signed By

Name **D.D. Lawson**

**D.D. Lawson**

Position **District Administrative Supervisor**

Company  
**Amoco Production Company**

Date  
**2/8/85**

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

**January 18, 1985**

Registered Professional Engineer and Land Surveyor

**Fred B. Kerr Jr.**

Certificate No. **40 B. KERR**

RECEIVED

FEB 13 1985

BUREAU OF LAND MANAGEMENT  
SANTA FE RESOURCE AREA

RECEIVED

MAR 21 1985  
OIL CON. DIV.  
DIST. 3

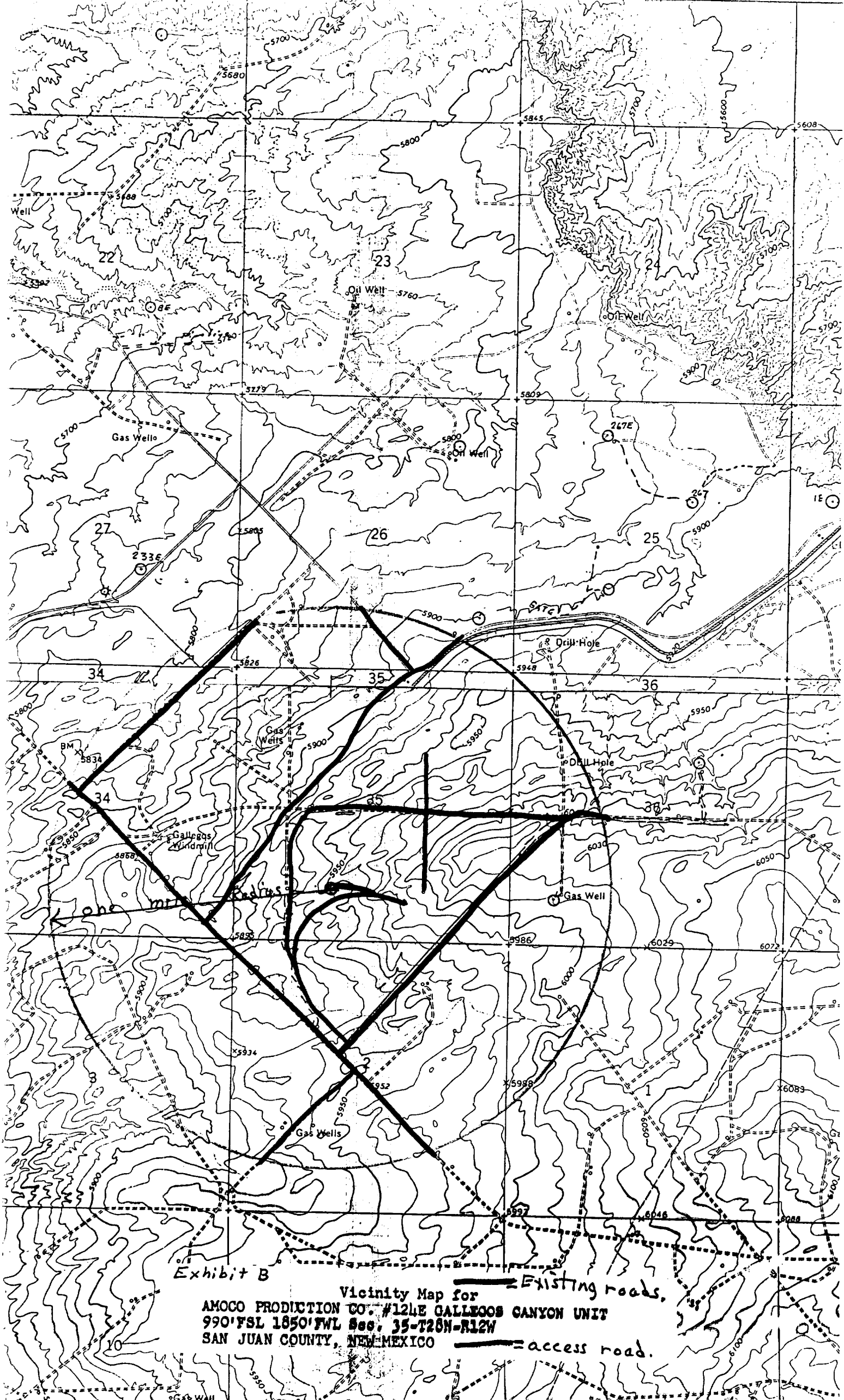


Exhibit B

Vicinity Map for  
AMOCO PRODUCTION CO. #124E CALLECOOS CANYON UNIT  
990' FSL 1850' FWL Sec. 35-T28N-R12W  
SAN JUAN COUNTY, NEW MEXICO

Existing roads.  
access road.