

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1660' FNL x 1680' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 miles southeast of Farmington, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1660'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
100' S 6530'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5978' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	32.3#, H-40	300'	354 c.f. Class B
8-3/4"	7"	20#, K-55	6530'	1477 c.f. Class B

Amoco proposes to drill the above well to further develop the Basin Dakota and Kutz Gallup Extension 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 pertinent data on subsurface conditions and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface conditions and measured and true vertical depths. Give blowout preventer program, if any.

24. Original Signed By
SIGNED D.D. Lawson
District Administrative Supervisor

(This space for Federal or State office use)
PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:
NMOCC

*See Instructions On Reverse Side

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.

RECEIVED
FEB 12 1985
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

RECEIVED
MAR 21 1985
OIL CON. DIV.
DIST. 9

5. LEASE DESIGNATION AND SERIAL NO.
SF-078903
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Callegos Canyon Unit
8. FARM OR LEASE NAME
9. WELL NO.
245E
10. FIELD AND POOL, OR WILDCAT
Basin Dakota/Kutz Gallup Ext
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW/NE Sec. 36, T28N, R12W
12. COUNTY OR PARISH 13. STATE
San Juan NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
320/40
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.

APPROVED
DATE 2/5/85
AS AMENDED
MAR 19 1985
DATE
AREA MANAGER
FARMINGTON RESOURCE AREA

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

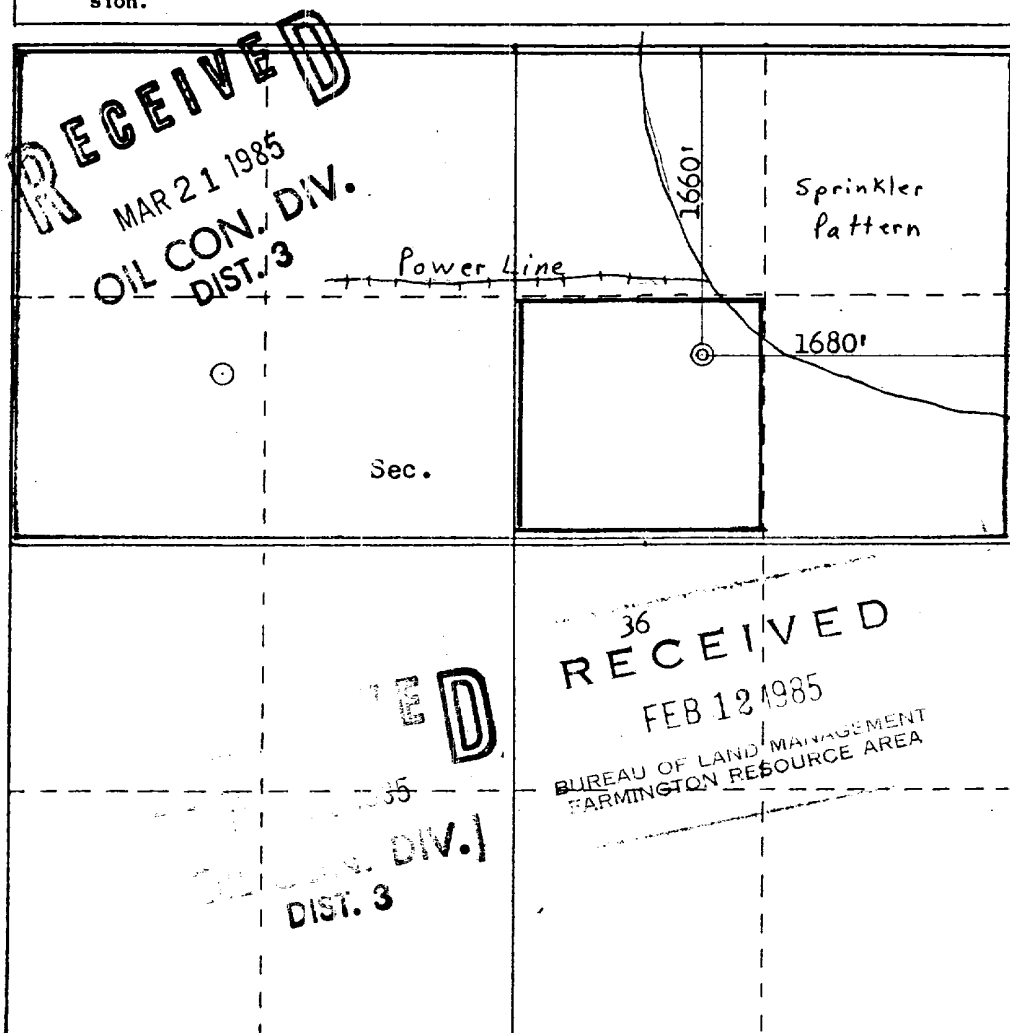
Operator AMOCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT		Well No. 245E
Unit Letter G	Section 36	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well: 1660 feet from the North line and 1680 feet from the East line					
Ground Level Elev: 5978	Producing Formation Dakota & Gallup		Pool Basin Dakota/Kutz Gallup Ext.		Dedicated Acreage: 320/40 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 _____

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.



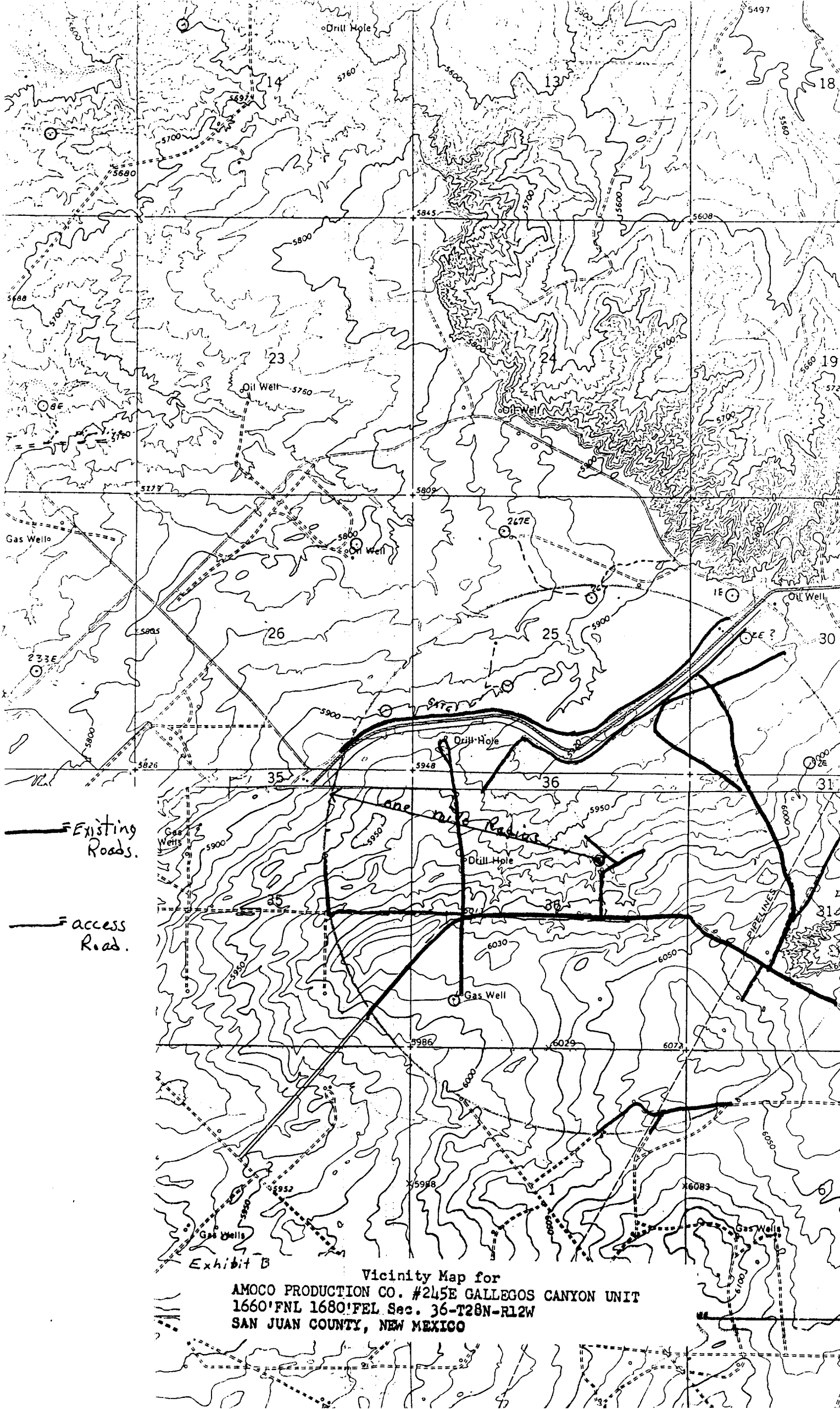
CERTIFICATION

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

Name **Original Signed By**
D.D. Lawson
Position **District**
Administrative Supervisor
Company
Amoco Production Company
Date
2/5/85

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 10, 1985
Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Certificate No. **3950**



Vicinity Map for
AMOCO PRODUCTION CO. #245E GALLEGOS CANYON UNIT
1660'FNL 1680'FEL Sec. 36-T28N-R12W
SAN JUAN COUNTY, NEW MEXICO