

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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-078106	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Amoco Production Company		7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR 501 Airport Dr., Farmington, NM 87401		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 810' FSL and 1850' FEL At proposed prod. zone Same		9. WELL NO. 224E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4-1/4 miles SE of Farmington, NM		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 810'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4, SE/4, Section 18, T28N, R12W	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2975'		12. COUNTY OR PARISH San Juan	
16. NO. OF ACRES IN LEASE 2536.94		13. STATE NM	
19. PROPOSED DEPTH 6204'		17. NO. OF ACRES ASSIGNED TO THIS WELL E 320	
20. ROTARY OR CABLE TOOLS Rotary.		21. APPROX. DATE WORK WILL START* As soon as permitted	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5691' GL			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" (New)	24# K-55	300'	354 cu. ft. Class B w/2% CaCl2-circ.
7-7/8"	4-1/2" (New)	10.5# K-55	6204'	Stage 1-547 cu. ft. Class B 50:50 POZ, 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/118 cu. ft. Class B neat - circ.

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NMOCC on May 22, 1979. This well will qualify under Section 103 of the Natural Gas Policy Act under Order No. R-1670-V.

The gas from this well is not dedicated.

DV Tool set at 4000'.

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.

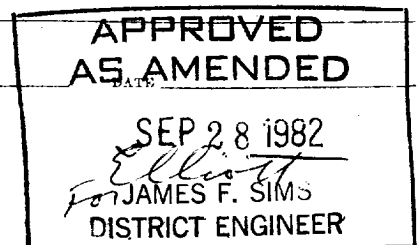
24. Original Signed By
D. H. SHOEMAKER
SIGNED _____ TITLE District Engineer DATE 8-30-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

in S

NMOCC



U. S. GEOLOGICAL SURVEY

L 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.

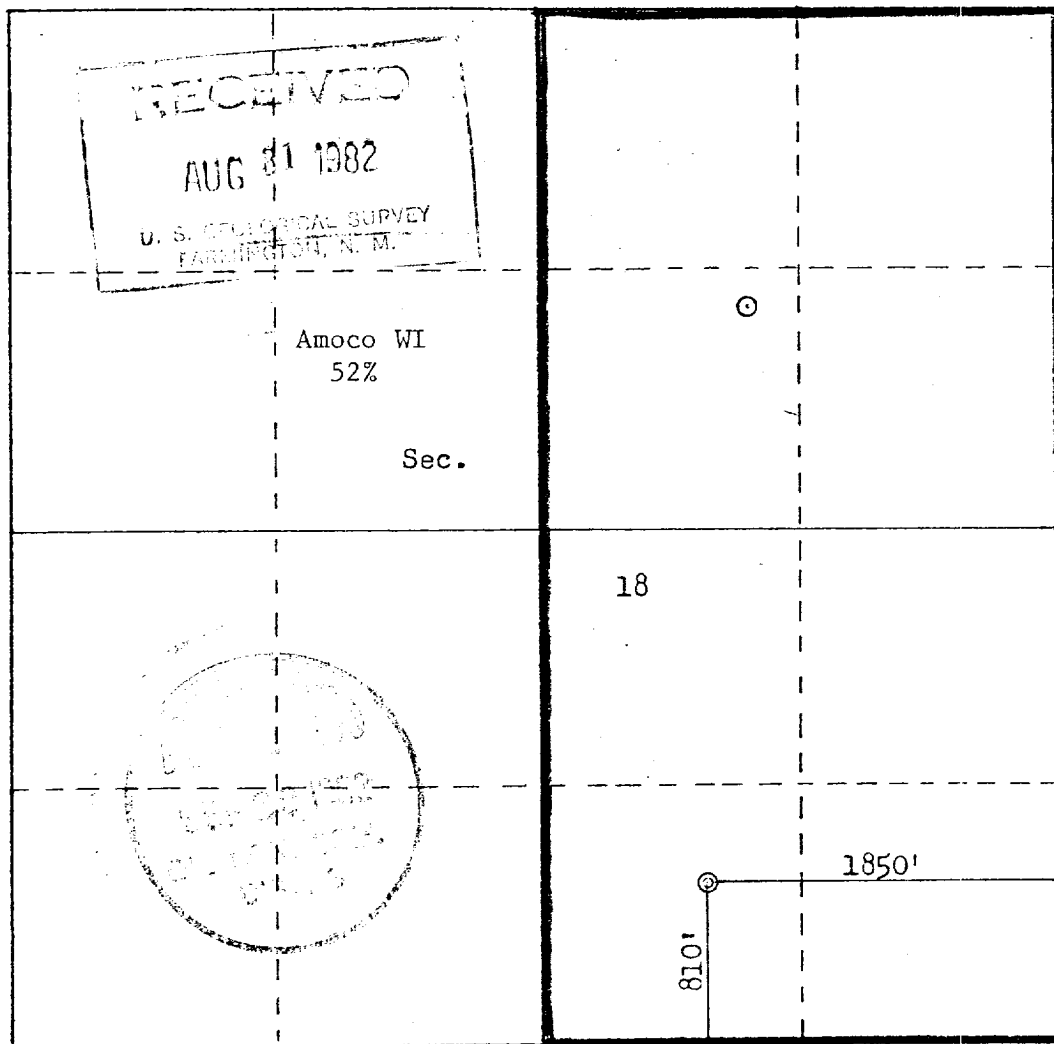
Operator AMCCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT		Well No. 224E
Unit Letter 0	Section 18	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well:					
810 feet from the South line and		1850 feet from the East line			
Ground Level Elev: 5691	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: E 320 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 Unitization

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.

Wayne Peterson

Name
W. L. Peterson

Position
District Engineer

Company
Amoco Production Company

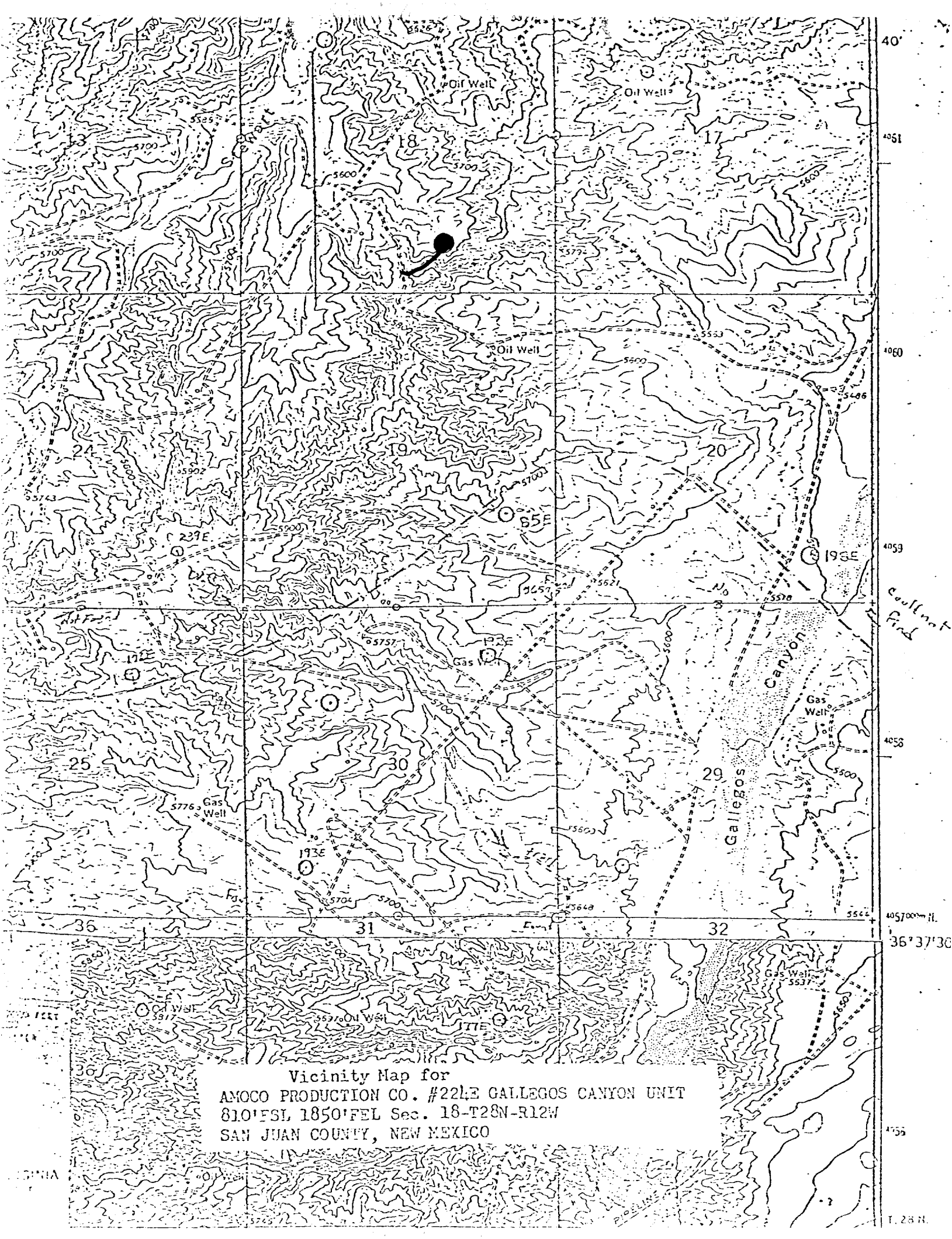
Date
1-6-81

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 **December 13, 1980**

Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr

Certificate No. **KERR, JR. 3950**



Vicinity Map for
AMOCO PRODUCTION CO. #22LE GALLEGOS CANYON UNIT
810'FSL 1850'FEL Sec. 18-T28N-R12W
SAN JUAN COUNTY, NEW MEXICO