

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

AMICO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

101 Airport Drive, Farmington, New Mexico 87401

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

At surface 1350' FLL and 980' FWL

At proposed pool zone

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

6 7/8 miles SE of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Along nearest drlg. unit line, if any)

980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL DRILLING COMPLETED
OR APPLIED FOR, ON THIS LEASE, FT.

2000'

16. NO. OF ACRES IN LEASE

1207.18

19. PROPOSED DEPTH

6110'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

w/304.00

20. ROTARY OR CABLE TOOLS

Rotary

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

98'

22. APPROX. DATE WORK WILL START*

As soon as permitted

23.

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'	300 sx Class "B" w/2% CaCl ₂ - 1200 Stage 1-345 sx Class "B" 50/50 POZ 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/100 sx Class "B" Nest-circ.
7 7/8"	4 1/2" (New)	10.5# K-55	6110'	Stage 2-995 sx Class "B" 65/35 POZ, 6% gel, 2# med tuf plug/sx, and 0.8% FLA. Tail in w/100 sx Class "B" Nest-circ.

This application to drill an Infill Basin Dakota well is pursuant to Order No. R-1670-V approved by the NWCCC 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 dedicated to El Paso Natural Gas Co., Contract No. 56742.

DV Tool set at 3905'



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

Wayne Peterson

TITLE

District Engineer

DATE

2-16-81

(This space for Federal or State office use)

PERMIT NO.

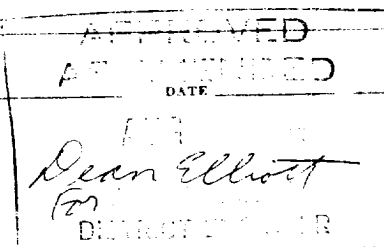
APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

nwn 496



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

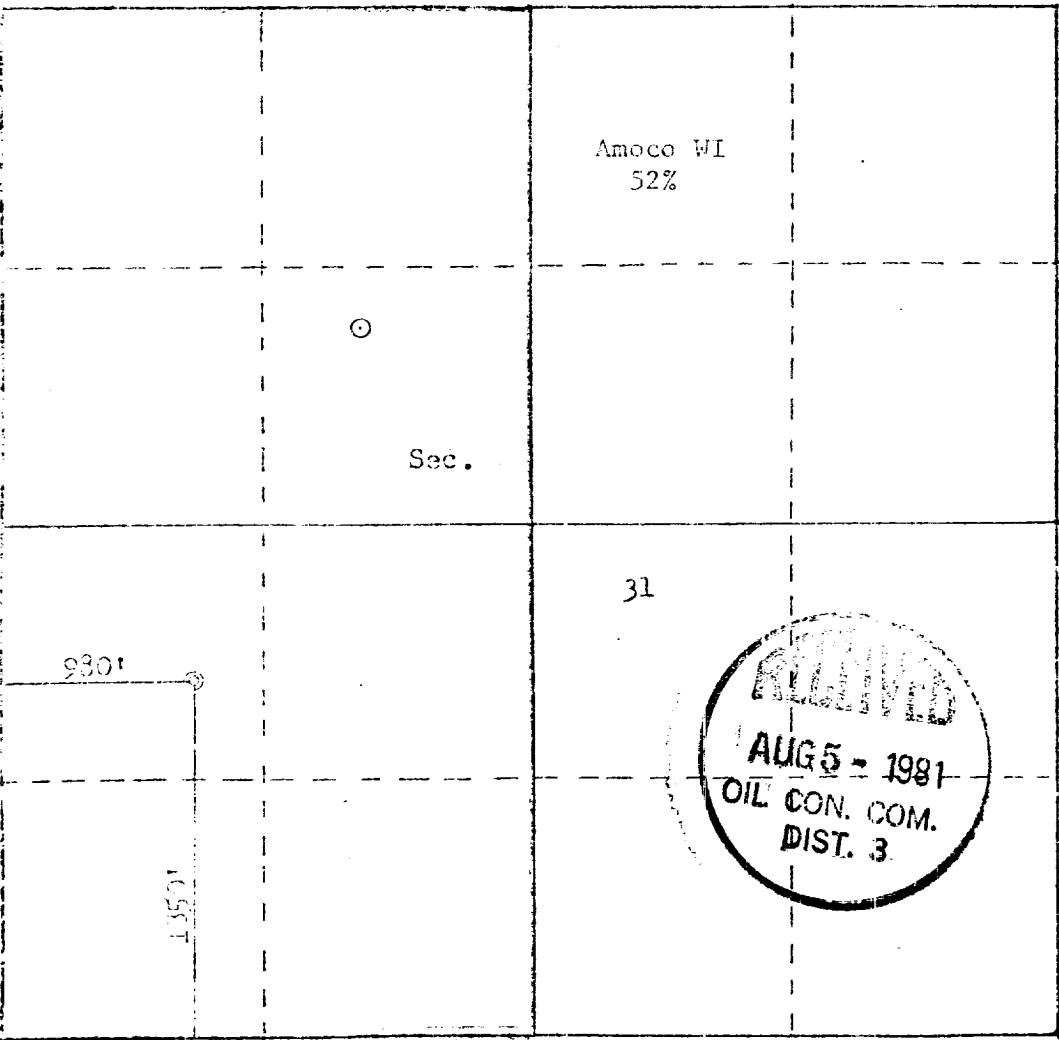
Operator AMOCO PRODUCTION COMPANY		Lease GALLEGOS CANYON UNIT		Well No. 159E	
Unit Letter L	Section 31	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well:					
1850 feet from the South line and 930 feet from the West line					
Ground Level Elev: 5728	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage: 304 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.	
<i>W. L. Peterson</i>	
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 9, 1980
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i> Fred B. Kerr Jr.
Certificate No.	3950



August 4, 1982

Amoco Production Company
501 Airport Drive
Farmington, New Mexico 87401

Gentlemen:

Enclosed is your Application for Permit to Drill (APD) well No. 159-E Gallegos Canyon Unit, NW 1/4 SW 1/4 sec. 31, T. 28 N., R. 12 W., San Juan County, New Mexico, lease Santa Fe 078905. The subject APD is hereby rescinded and returned due to drilling operations not being commenced within one year of the approval date.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site.

Sincerely yours,

for James F. Sims
District Oil and Gas Supervisor

Enclosure

cc: NMOCC

N

30-045-25136

8-5-81

F. Loc. 1850/S; 980/W

Elev. 5728 GL

Spd.

Comp.

TD

PB

Casing S. @ W Sx Int. @ W Sx Pr. @ W Sx T. @
 Csg. Perf. Prod. Stim.

T
R
A
N
S

I.P. BO/D MCF/D After Hrs. SICP PSI After Days GOR Grav. Ist Del. s

TOPS		NTD	X	Well Log	TEST DATA						
Kirtland		C-103		Plat X	Schd.	PC	Q	PW	PD	D	Ref. No.
Fruitland		C-104		Electric Log							
Pictured Cliffs				C-122							
Cliff House		Ditr		Dfa							
Menefee		Datr		Dac							
Point Lookout		NWU-496 W/304.00									
Mancos											
Gallup											
Sanostee											
Greenhorn											
Dakota											
Morrison											
Entrada											

P
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Basin Dakota Co. SJ s 31 T 28N R 12W U L Oper. Amoco Production Co. Gallegos Canyon Unit No. 159E

Gallegos Canyon Unit #159E

L-31-28N-12W

Amoco Production Co.