

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
Amoco Production Company3. 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
820' FSL x 920' FEL

At proposed prod. zone same

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

Approximately 5 miles south of Farmington

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 820'18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 2200' SE16. NO. OF ACRES IN LEASE
48019. PROPOSED DEPTH
610017. NO. OF ACRES ASSIGNED
TO THIS WELL
E-32020. ROTARY OR CABLE TOOLS
Rotary21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5639' GL22. APPROX. DATE WORK WILL START*
as soon as permittedDRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

PROPOSED CASING AND CEMENTING PROGRAM

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

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'	355 cu.ft. Class 'B' w/2% CaCl ₂ -cir
7 7/8"	4 1/2" (NEW)	10.5# K-55	6100'	Stage 1-540 cu.ft. Class 'B' w/50:50 POZ, 6% gel, 2# med tuf plug/sx, and 0.8% FLA/- Tail in w/118 cu.ft Class 'B' Neat-circ. Stage 2-1380 cu.ft. Class 'B' w/ 65:35 POZ, 6% gel, 2# med tuf plug sx, and 0.8% FLA. Tail in w/118 cu.ft. Class 'B' Neat-circ.

Amoco proposes to drill the above well to further develop the Basin Dakota 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. Copies of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design.

DV Tool set at 4240'.

Upon completion the well location will be cleaned and the reserve pit filled and leveled.

Gas produced 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. B. D. Shaw

SIGNED

TITLE Administrative Supervisor

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

FEB 07 1985

DATE
John Spear
AREA MANAGER
FARMINGTON RESOURCE AREA

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-107
Revised 10-1-78

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

Operator AMOCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT		Well No. 165E
Unit Letter P	Section 29	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well: 820 feet from the South line and 920 feet from the East line					
Ground Level Elev: 5639	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 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 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.

Sec.		RECEIVED JUN 04 1984 BUREAU OF LAND MANAGEMENT FARMINGTON, N.M.	
		29	
FEB 12 1985 OIL CON. DIV. DIST. 3		920'	
		820'	

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 **B. D. Shaw**

B. D. Shaw

Position

Adm. Supervisor

Company

Amoco Production Co.

Date

5/30/84

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.

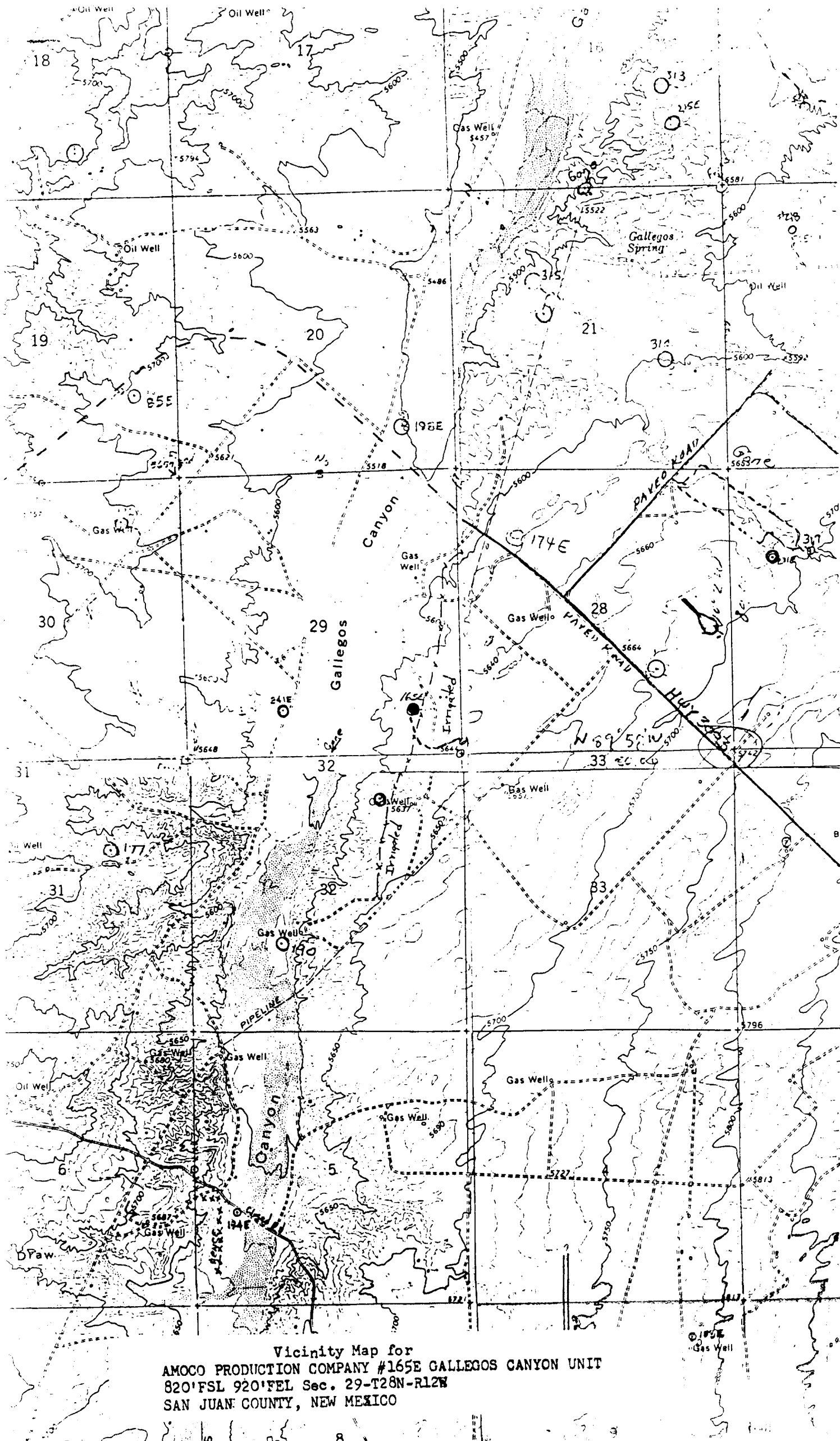
Date Surveyed

April 14, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. 3950



Vicinity Map for
AMOCO PRODUCTION COMPANY #165E GALLEGOS CANYON UNIT
820'FSL 920'FEL Sec. 29-T28N-R12W
SAN JUAN COUNTY, NEW MEXICO