

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 Company

3. 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
1060' FSL x 1070' FWL
1190' same
At proposed prod. zone

JUN 06 1984

BUREAU OF LAND

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

Approximately 10 miles south of Farmington

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1060'

16. NO. OF ACRES IN LEASE

640

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

2600' SW

19. PROPOSED DEPTH

6400

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

5957' GL

PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8" (NEW)	24 # K-55	300'
7 7/8"	4 1/2" (NEW)	10.5# K-55	6400'

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.

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.

Original Signed By

B. D. Shaw

Administrative Supervisor May 31, 1984

SIGNED

(This space for Federal or State office use)

PERMIT NO.

FEB 05 1985

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

OIL CON. DIV.
DIST. 3

JAN 31 1985

AREA MANAGER
FARMINGTON RESOURCE AREA5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-84716. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

175E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota11. SEC. T. R. N. OR ALLOTTEE
SW/4 Section 25, T28N,
R13W12. COUNTY OR PARISH
San Juan13. STATE
NM17. NO. OF ACRES ASSIGNED
TO THIS WELL

S/320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

as soon as permitted

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

355 cu.ft. Class 'B' w/2% CaCl2-circ
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.
DV Tool set at 4500'

30-045-26211

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR: Amoco Production Company

4. ADDRESS OF OPERATOR: 501 Airport Drive Farmington, NM 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.):
At surface: ~~2000'~~ FSL x ~~1070'~~ FWL
At proposed prod. zone: ~~1190'~~ Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 10 miles south of Farmington

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any): 1060'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING, COMPLETION, OR AFTER PRO. ON THIS LEASE, FT.: 2600' SW

9. ELEVATIONS (Show whether DP, RT, GR, etc.): 5957' GL

10. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8" (NEW)	24 # K-55	300'
7 7/8"	4 1/2" (NEW)	10.5# K-55	6400'

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.

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. 56,741.

11. NAME OF WELL: Gallegos Canyon Unit
12. WELL NO.: 175E
13. FIELD AND NAME OF WILDCAT: Basin Dakota
14. SECTION, TOWNSHIP, RANGE: MSW/SH, Section 25, T28N, R13W
15. COUNTY OF WELL: San Juan
16. STATE: NM

17. NUMBER OF DAYS TO BE DRILLED: 320
18. TYPE OF WELL TOOLS: Rotary
19. APPROX. DATE WORK WILL START: as soon as permitted

This action is subject to administrative appeal pursuant to 30 CFR 250.16

QUANTITY OF CEMENT: 355 cu.ft. Class 'B' w/2% CaCl₂-circ
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.
DV Tool set at 4500'.

3DShaw

RECEIVED

FEB 05 1985

OIL CON. DIV.
DIST. 3

Administrative Supervisor

APPROVED

AS AMENDED
JAN 31 1985

AREA MANAGER
FARMINGTON RESOURCE AREA

NMOCC

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

Operator AMOCO PRODUCTION COMPANY			Lease GALLEGOS CANYON UNIT		Well No. 175E
Unit Letter M	Section 25	Township 28N	Range 13W	County San Juan	
Actual Footage Location of Well: 1190 feet from the South line and 1190 feet from the West line					
Ground Level Elev. 5957	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.

<p>Sec. 25</p> <p>1190'</p> <p>1190'</p>			

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 Signature
B. D. Shaw

Name

B. D. Shaw

Position

Admin. Supervisor

Company

Amoco Production Company

Date

11-12-84

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

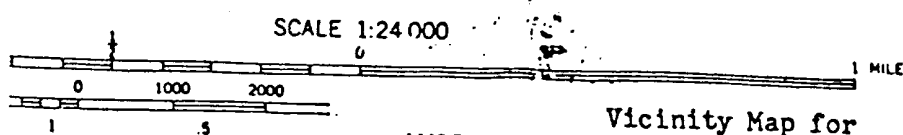
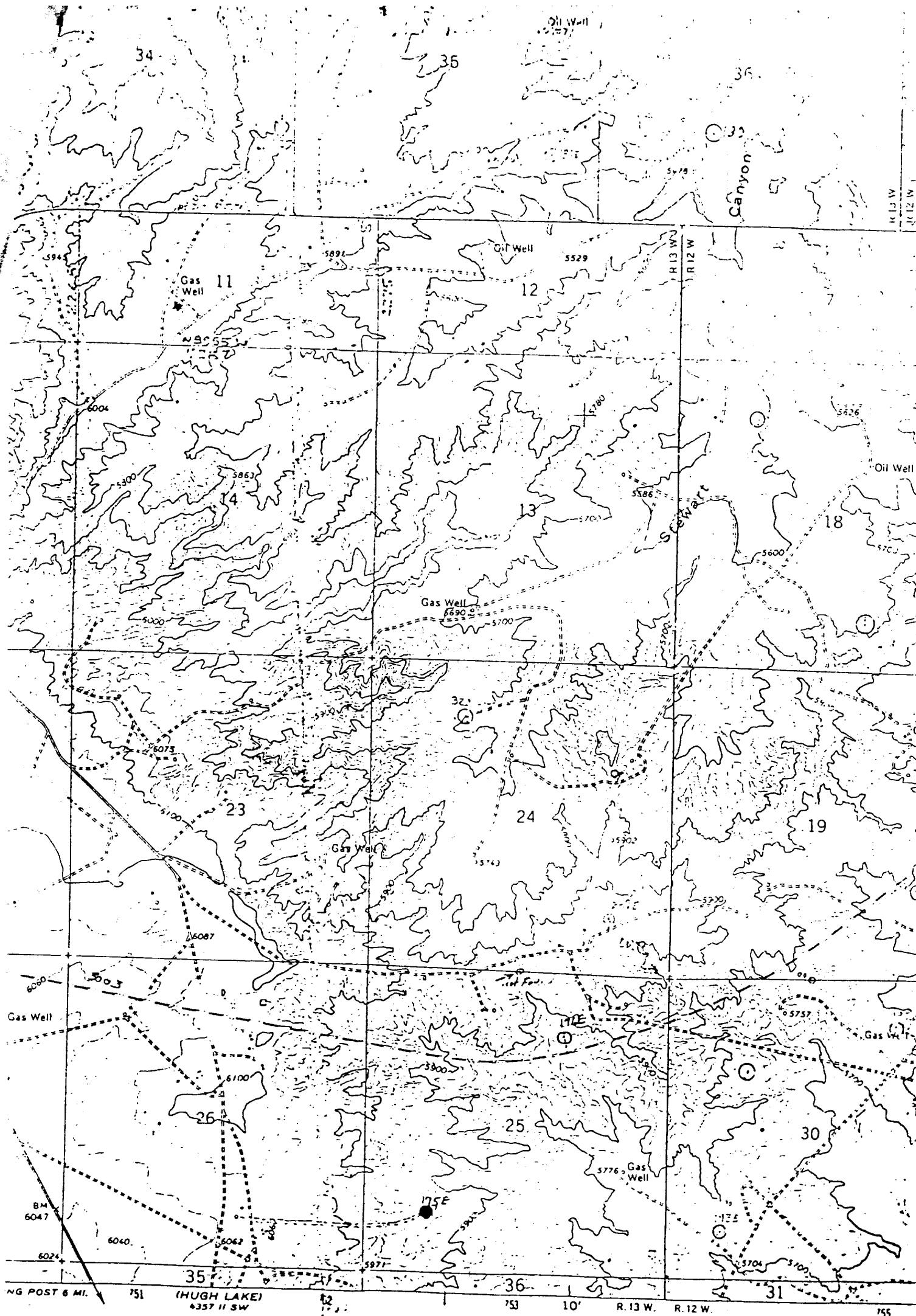
November 1, 1984

Registered Professional Engineer
and Land Surveyor

Fred B. Kerry Jr.
Fred B. Kerry Jr.

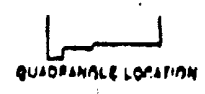
Certificate No. **11,000**

2050



SCALE 1:24 000
 0 1000 2000
 1 5
 CONTOUR 10'
 DOTTED LINES REPR
 NATIONAL GEODETIC

Vicinity Map for
 AMOCO PRODUCTION COMPANY #175E GALLEGOS CANYON UNIT
 1060'FSL 1070'FWL Sec. 25-T28N-R13W
 SAN JUAN COUNTY, NEW MEXICO



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
 GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR
 FOR DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE