

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25648

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, New Mexico 87401

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

At surface

930' FSL x 790' FWL

At proposed prod. zone

Same

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

Approx. 12.1 miles south of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

790'

18. DISTANCE FROM PROPOSED LOCATION*

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

3580'

16. NO. OF ACRES

382.16

19. PROPOSED DEPTH

7054'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W 320

20. ROTARY OR CABLE TOOLS

Rotary

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

6550' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

As soon as permitted.

23. GENERAL REQUIREMENTS
PROPOSED CASING AND CEMENTING PROGRAMThis action is subject to administrative
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24.0# K-55	300'
7-7/8"	4-1/2"	10.5# K-55	7052'

350 cu. ft. Class B x 2% CaCl₂
924 cu. ft. Class B, 50:50 POZ
2# med tuf plug/sx, .8% FLA tail in
x 118 cu. ft. Class B neat.

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 non-dispersed 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.

The gas from this well is dedicated to El Paso Natural Gas Company under Contract No. 56742.

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 D. E. SHORMAKERTITLE District EngineerDATE 1/25/83

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDEDMAR 31 1983
JAMES F. SIMS
DISTRICT ENGINEER

NMOC

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

Operator AMOCO PRODUCTION COMPANY			Lease JACK FROST GAS COM "E"		Well No. 1E
Unit Letter M	Section 25	Township 27N	Range 10W	County San Juan	
Actual Footage Location of Well: 930 feet from the South line and 790 feet from the West line					
Ground Level Elev. 6550	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: W 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 Communitization

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.

Dale H. Shoemaker

Name
D. H. Shoemaker

Position
District Engineer

Company
Amoco Production Company

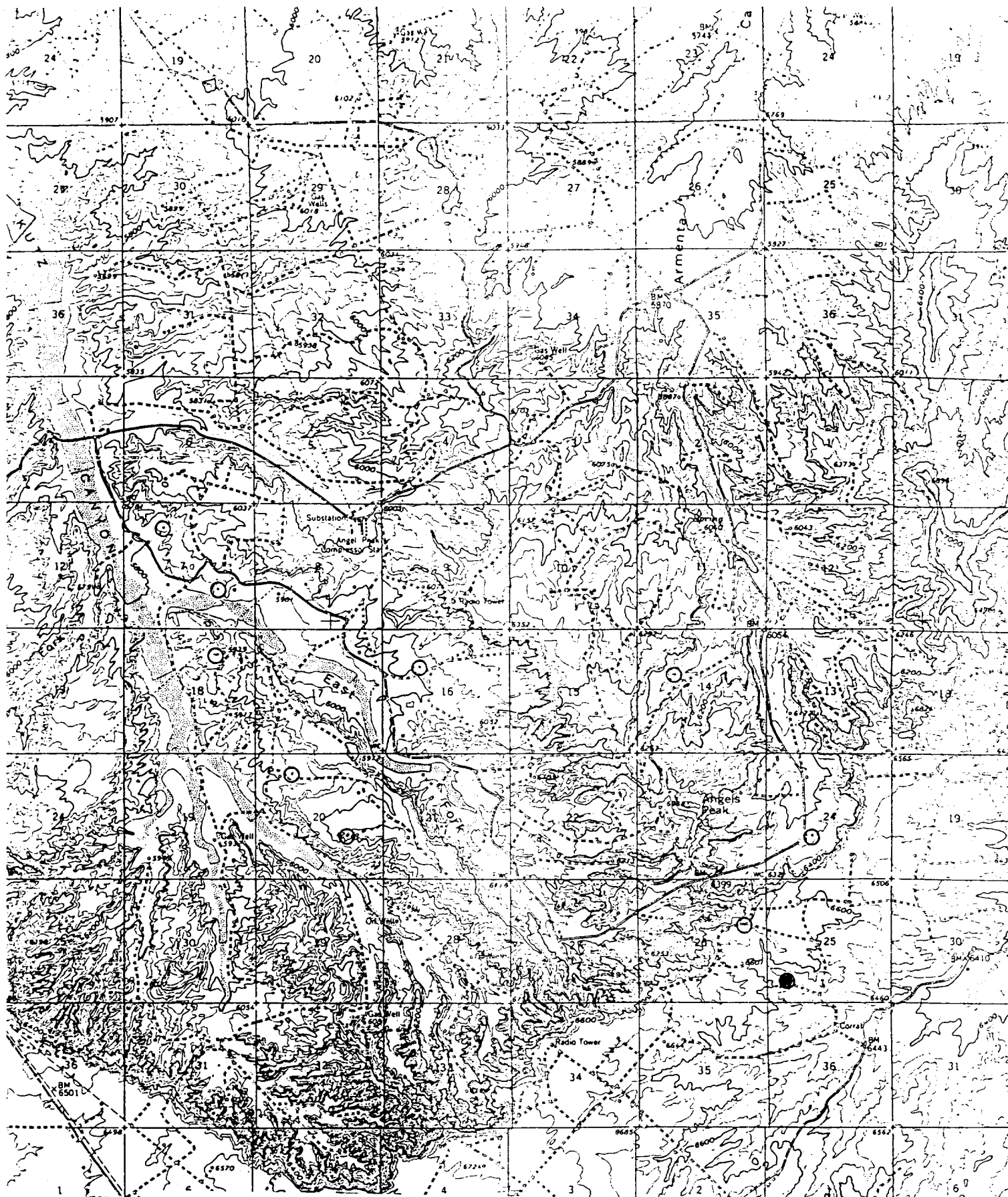
Date
January 11, 1983

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 18, 1982

Registered Professional Engineer and Land Surveyor:
Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. **3950**



Vicinity Map for
AMOCO PRODUCTION COMPANY #1E JACK FROST GAS COM "E"
930' FSL 790' FWL Sec. 25-T27N-R10W
SAN JUAN COUNTY, NEW MEXICO