

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-076337
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 Co.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N M 87401		8. FARM OR LEASE NAME Heath Gas Com "Q"
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 810' FSL x 855' FEL At proposed prod. zone same		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 22 miles Northeast of Bloomfield, NM		10. FIELD AND POOL, OR WILDCAT Blanco Pictured Cliffs
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 R/se sec3, T29N, R9W
16. NO. OF ACRES IN LEASE 320		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS rotary
21. ELEVATIONS (Show whether DP, RT, GR, etc.) 6357' GR		22. APPROX. DATE WORK WILL START* as soon as permitted

DRILLING 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 250.
QUANTITY OF CEMENT

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, J-55	300'	354' cu ft Class B
7-7/8"	4-1/2"	10.5#, K-55	2519'	861 cu ft. Class B

Amoco proposes to drill the above well to further develop the Blanco Pictured Cliffs 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. Copy 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 site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to El Paso Natural Gas Company.

RECEIVED

MAR 26 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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.

APR 10 1985
OIL CON. DIV.
DIST. 3

SIGNED

BDS Shaw

TITLE Admin. Supervisor

DATE 3/19/85

(This space for Federal or State office use)

APPROVED
AS AMENDED

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

APR 08 1985

/s/ J. Stan McKee
M. MILLENBACH
AREA MANAGER

NMOCC

*See Instructions On Reverse Side

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

Operator AMOCO PRODUCTION COMPANY			Lease HEATH GAS COM "Q"		Well No. 1
Unit Letter P	Section 3	Township 29N	Range 9W	County San Juan	
Actual Footage Location of Well: 810 feet from the South line and 855 feet from the East line					
Ground Level Elev. 6357	Producing Formation Pictured Cliffs		Pool Blanco Pictured Cliffs		Dedicated Acreage: 160 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 _____

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>RECEIVED MAR 26 1985 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>		<p>Sec.</p>	
		<p>3</p>	
<p>RECEIVED APR 10 1985 OIL & GAS</p>		<p>810'</p>	
<p>855'</p>		<p>810'</p>	

Scale: 1"=1000'

CERTIFICATION

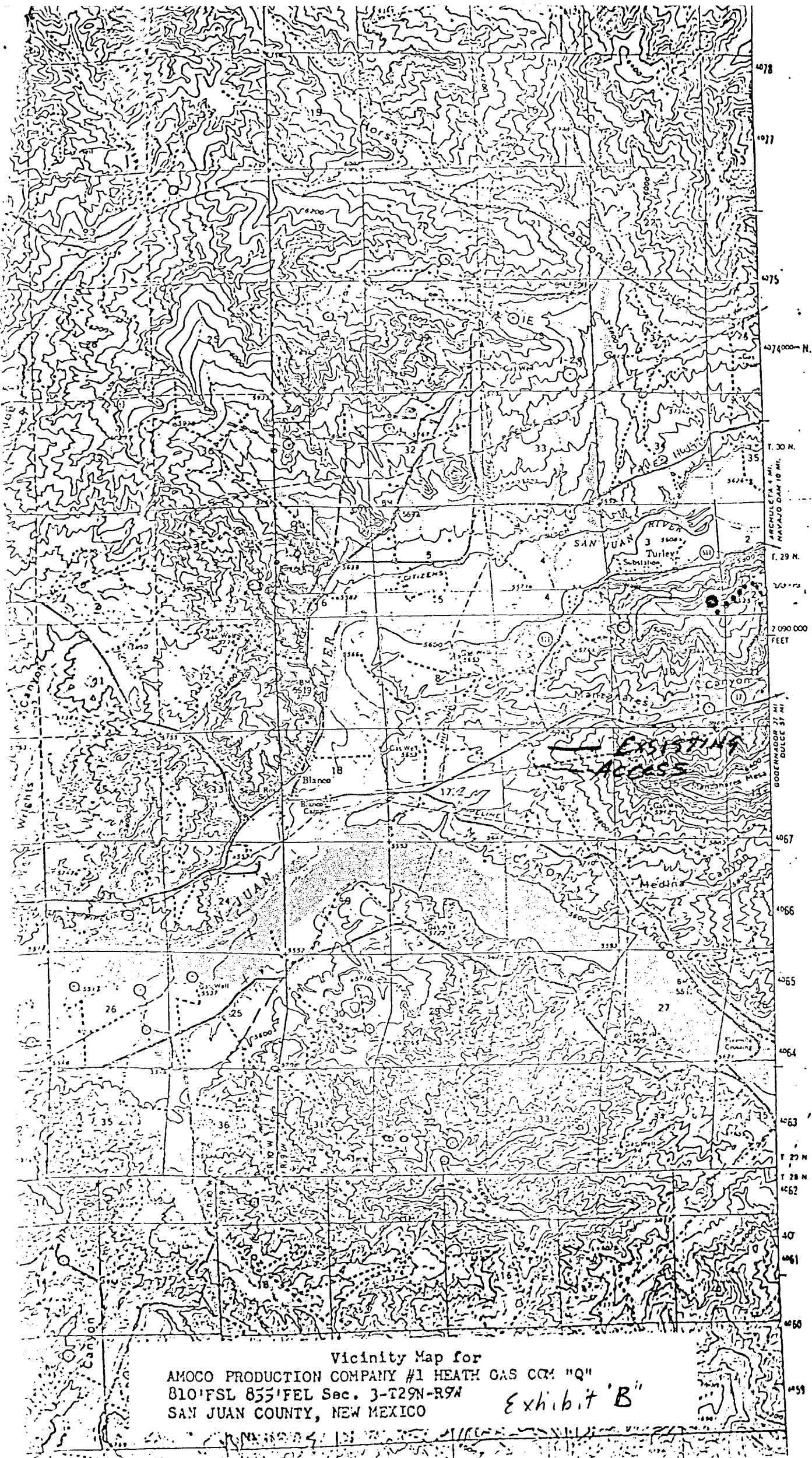
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

B.D. Shaw

Name
B.D. Shaw
Position
Adm. Supervisor
Company
Amoco Production Co.
Date
3/19/85

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
January 1985
Registered Professional Engineer and Land Surveyor
Fred B. Kerr, Jr.
Certificate No.
3950
KERR, JR.



Vicinity Map for
AMOCO PRODUCTION COMPANY #1 HEATH GAS CO. "Q"
810' FSL 855' FEL Sec. 3-T29N-R9W
SAN JUAN COUNTY, NEW MEXICO
Exhibit 'B'