

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 1004-1126
Expires August 31, 1985

30-045-28773

1. LEASE DESIGNATION AND SERIAL NO.

SFO78109

IF INDIAN, ALLOTTED OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

BHP Petroleum (Americas), Inc.

4. ADDRESS OF OPERATOR

P.O. Box 977 Farmington, New Mexico

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

AT SURFACE

1150' FSL and 1820' FWL

At proposed prod. zone

Same

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

5.2 miles southeast of Farmington, New Mexico

7. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also of nearest gas. unit line, if any)

170'

8. NO. OF ACRES IN LEASE

2899.75

9. NO. OF ACRES ASSIGNED

TO THIS WELL

160.11

10. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL, DRILLING, COMPLETION,

OR ADJUTANT FOR, OF THIS LEASE, FT.

742'

11. PROPOSED DEPTH

1550'

12. ROTARY OR CABLE TOOLS

Rotary

13. REMARKS (Also attach DP, etc. or other)

5403' GR

This action is subject to technical and

professional review pursuant to 43 CFR 3165.4

and approval pursuant to 43 CFR 3165.4

14. APPROX. DATE WORK WILL START

As soon as approved

15. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE

SUBJECT TO QUANTITIES OF CEMENT ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	20# K-55	140'	508x (59 cu ft) Circ to surface
6 1/4"	4 1/2"	10.5# K-55	1550'	2308x (286 cu ft) Circ to surface

Propose to spud in the San Jose formation. Will drill a 8 3/4" hole to a TD of 140'. Surface casing will be run and cemented with returns to surface. WOC 12 hours. Test to 2000 psi/30 minutes. Drill an 6 1/4 hole to a TD of 1550' using a fresh water mud. No abnormal pressures or poisonous gases are anticipated. Adequate weight material will be on location to control flows from the Farmington sands. Run logs at TD. Run and cement production casing with cement returns to surface. WOC 12 hours. Move out drilling rig and move in completion unit. Pressure test to 2500 psi/30 minutes prior to perforating. Run cased hole correlation logs. Perforate Pictured Cliffs sands and stimulate using a fresh water based gel or foam system.

800' of new, on lease, pipeline/access road BLM ROW requested by this APD.

Surface ownership is BLM.

16.

SIGNED Eric Lowmy

TITLE Operations Superintendent

OIL CON. DIV. 1
DIST. 3

This space for Federal or State office use

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

NMOCD

See Instructions On Reverse Side

This is U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
SEP 10 1992

SEP 04 1992
AREA MANAGER

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BHP PETROLEUM (AMERICAS) INC.			Lease GALLEGOS CANYON UNIT		Well No. 525
Unit Letter N	Section 26	Township 29 N	Range 12 W	County San Juan	
Actual Footage Location of Well: 1150 feet from the South line and 1820 feet from the West line					
Ground level Elev. 5403	Producing Formation Pictured Cliffs		Pool West Kutz Pictured Cliffs	Dedicated Acreage 160.11 Acres	

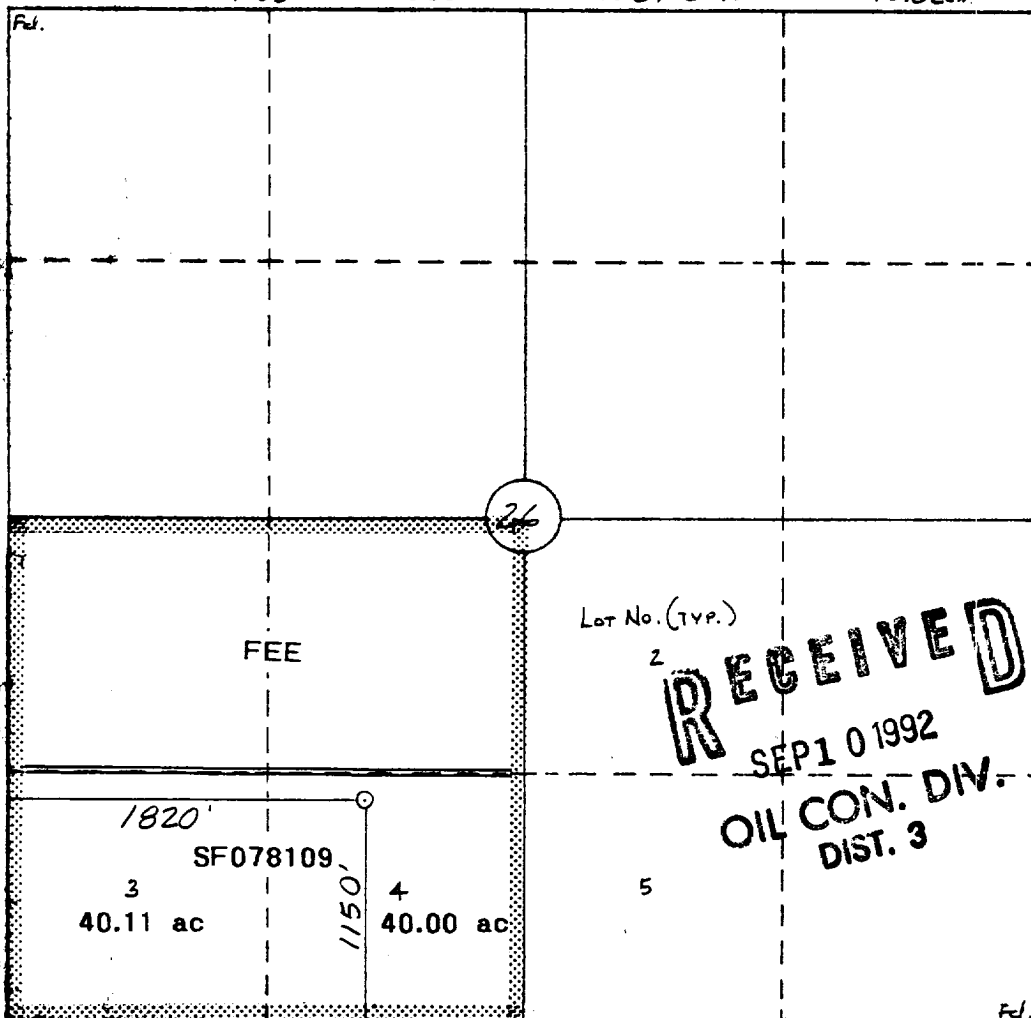
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.

0 250 500 750 1000 1250 1500 1750 2000 2250 2500 2750 3000 3250 3500 3750 4000 4250 4500 4750 5000

N 89°08'W 39.56cm

N 89°51'W

40.02cm



OPERATOR CERTIFICATION

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

Signature

Fred Lowery

Printed Name

Fred Lowery

Position

Operations Superintendent

Company

BHP Petroleum (Americas), Inc.

Date

August 4, 1992

SURVEYOR CERTIFICATION

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.

7-30-92

Date Surveyed

William E. Mahinke II

Signature of Professional Surveyor

Professional Surveyor

#8466

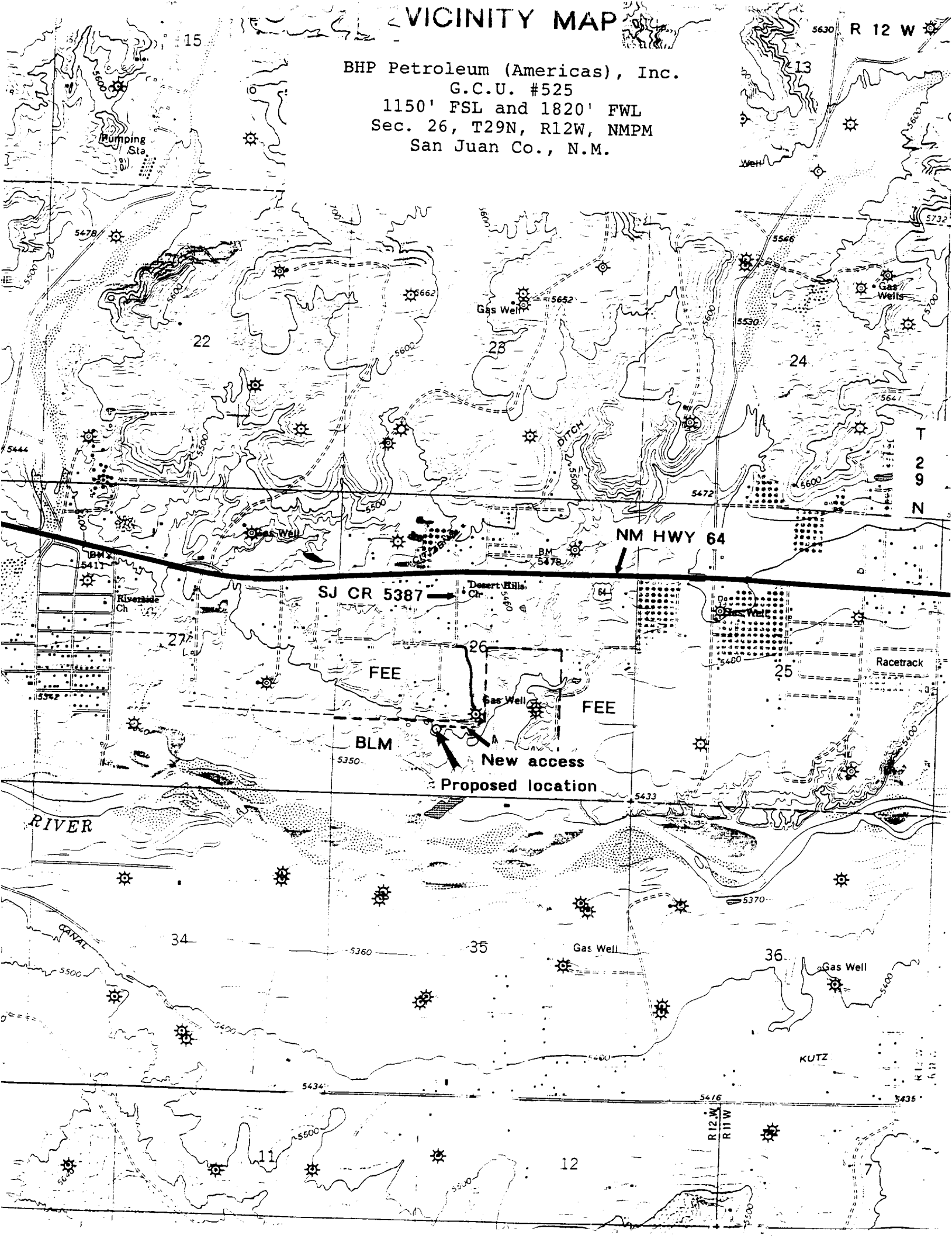
Certified

8466

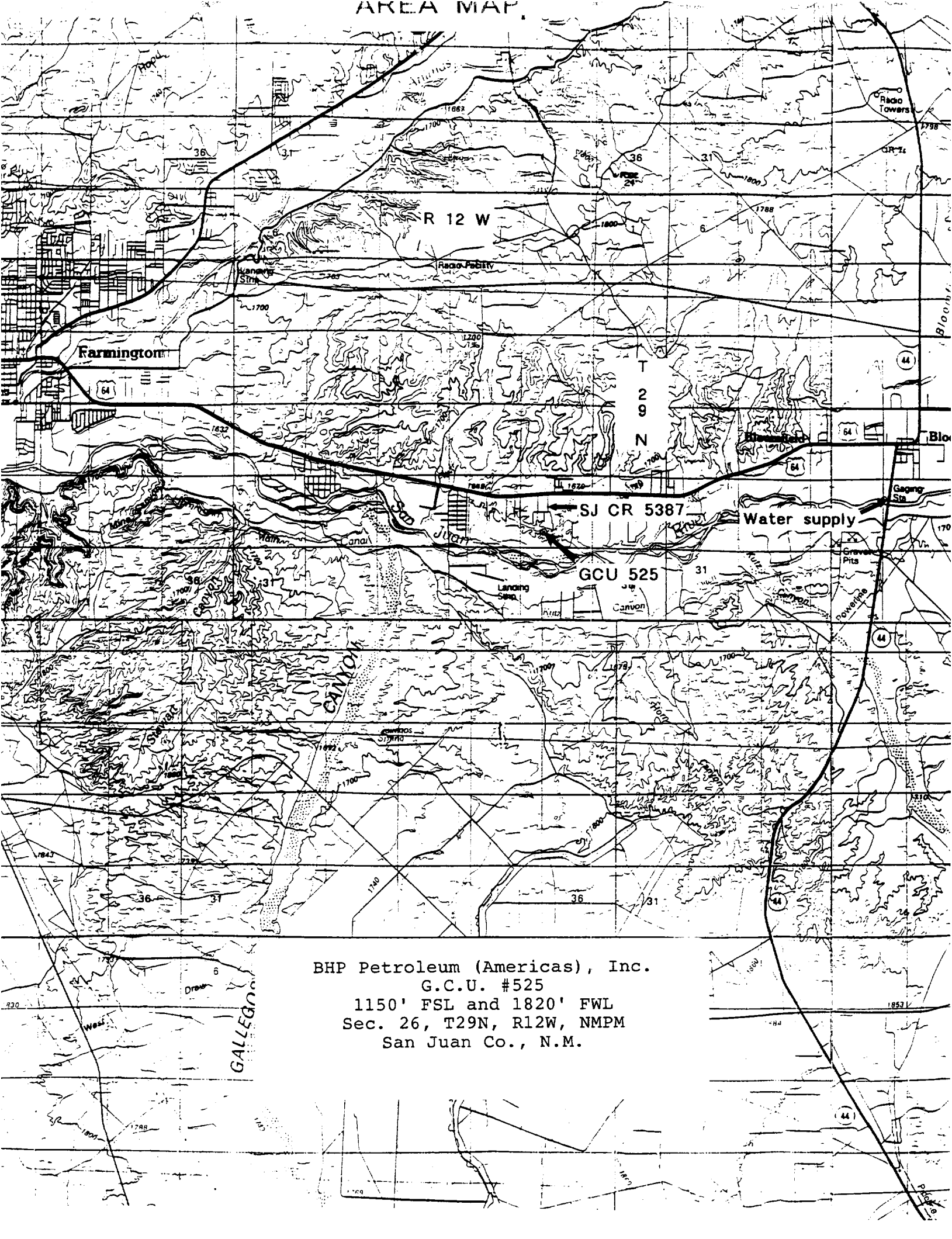
PROFESSIONAL LAND SURVEYOR

VICINITY MAP

BHP Petroleum (Americas), Inc.
G.C.U. #525
1150' FSL and 1820' FWL
Sec. 26, T29N, R12W, NMPM
San Juan Co., N.M.



AREA MAP.



BHP Petroleum (Americas), Inc.
 G.C.U. #525
 1150' FSL and 1820' FWL
 Sec. 26, T29N, R12W, NMPM
 San Juan Co., N.M.