

OIL CONSERVATION DIVISION  
RECEIVED

'93 JUN 11 AM 2 20

5847 San Felipe Suite 3600  
Houston, Texas 77057  
Telephone: (713) 780-5000  
Fax (713) 780-5273  
Telex 9108813603

June 3, 1993



State of New Mexico  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

RE: Non Standard Location, Administrative Approval Request  
Gallegos Canyon Unit #273  
NE/NW Section 32, T-28-N, R-12-W  
San Juan, County, New Mexico

Gentlemen:

BHP Petroleum (Americas) Inc. respectfully requests that a non-standard location be approved to allow the GCU #273 to be recompleted in the Fruitland Coal formation. The well is located 950' FNL & 1770' FWL in the NE/NW quarter of Section 32, T-28-N, R-12-W in San Juan, New Mexico.

The non-standard location is being requested in order to utilize an existing wellbore for Fruitland Coal development. This well is in the same 320 acre proration unit which would have been allocated to the GCU #41 wellbore. However, the GCU #41 is unusable due to casing problems and will be plugged. Therefore, this acreage will be allocated to the GCU #273.

This well will need to be allocated a laydown 320 acre proration unit because the GCU #9 is also in the west 1/2 of this section and is currently in a standup 320 acre unit. Therefore, a request is made to change the GCU #9 to a laydown 320 acre proration unit to accomodate both wells in this section.

No additional surface damage is expected.

BHP is the operator of all offsetting proration units.

If you have any questions, please contact me directly at (713) 780-5301.

Sincerely,

A handwritten signature in cursive script that reads "Carl Kolbe".

Carl Kolbe  
Regulatory Affairs Representative

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BHP Petroleum (Americas) Inc.

3. Address and Telephone No.

5847 San Felipe, Suite 3600, Houston, Texas 77057 (713) 780-5000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

950' FNL & 1770' FWL of Section 32, T-28-N, R-12-W

5. Lease Designation and Serial No.

SF079346

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Gallegos Canyon Unit

8. Well Name and No.

GCU #273

9. API Well No.

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Production test the Pictured Cliffs; if productive (25 MCF or more), set RBP @ approximately 1216'. If not productive, set CIBP @ same depth.

2. Perforate the Fruitland Coal w/4 JSPF.

3. Pressure test casing w/2500 psi.

4. If casing tests OK, then fracture stimulate w/a minimum of 40,000# of sand down casing; if not frac down tubing, after casing repair.

B.O.P.E. will consist of a Reagan bladder type preventer (2000#), pipe rams and blind rams B.O.P.E.

14. I hereby certify that the foregoing is true and correct

Signed

*Carl Kolbe*

Title

Regulatory Affairs Rep.

Date

6/3/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

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. 273
Unit Letter C	Section 32	Township 28 N	Range 12 W	County NMPM San Juan	

Actual Footage Location of Well:

950 feet from the North line and 1770 feet from the West line  
Ground level Elev. 5568' Producing Formation Fruitland Coal Pool Basin Fruitland Coal Dedicated Acreage: 320 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 communization, 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 communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Carl Kolbe

Printed Name

Carl Kolbe

Position

Regulatory Affairs Rep.

Company

BHP Petro. (Americas) Inc.

Date

6/3/93

SURVEYOR CERTIFICATION

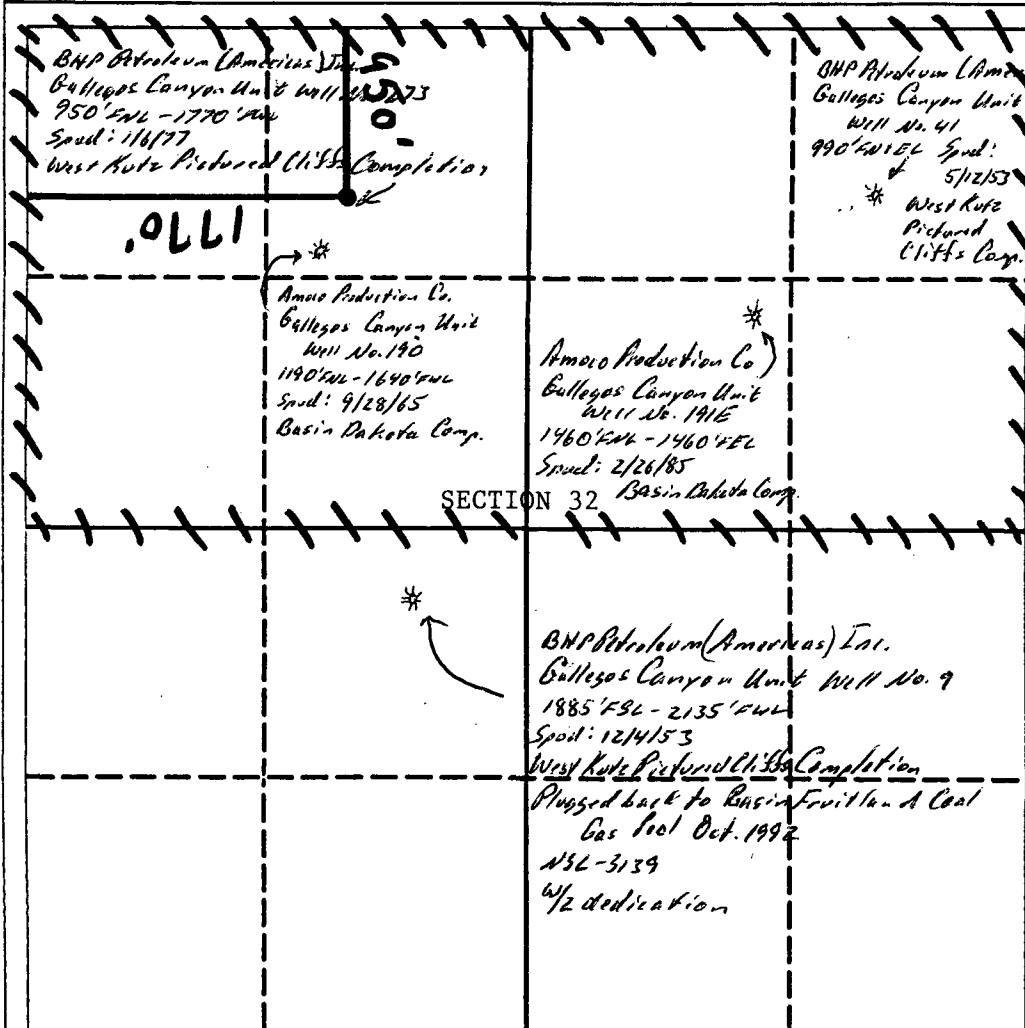
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

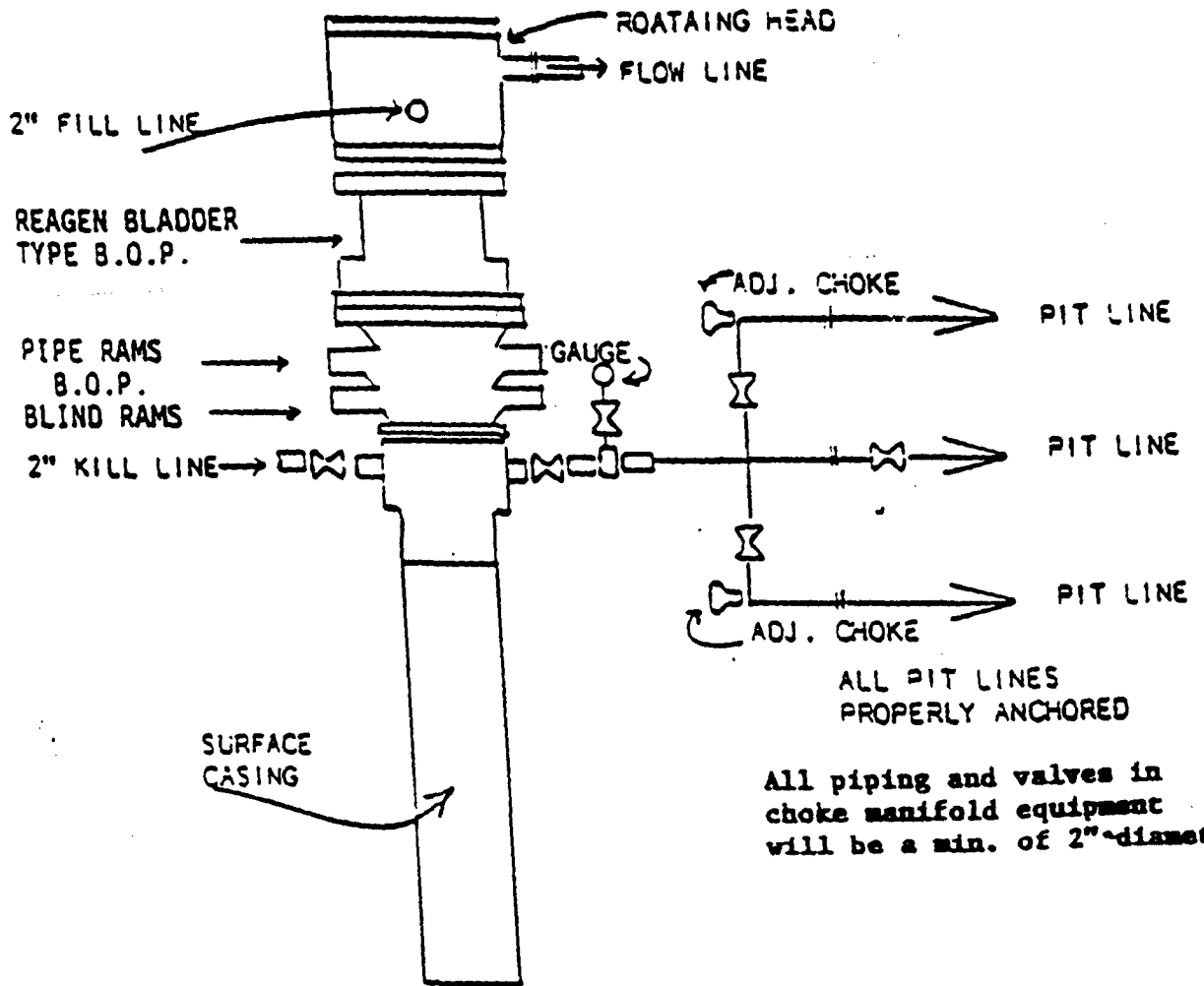
Signature & Seal of  
Professional Surveyor

Original on file

Certificate No.



# 2M. SYSTEM



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION  
RECEIVED

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well  
☐ Oil ☐ Gas  
☐ Well ☒ Well ☐ Other

Name of Operator

BHP Petroleum (Americas) Inc.

Address and Telephone No.

5847 San Felipe, Suite 3600, Houston, Texas 77057

Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FNL & 990' FEL, Section 32, T-28-N, R-12-W

If Unit or CA, Agreement Designation

Gallegos Canyon Unit

Well Name and No.

GCU #41

API Well No.

30-045-07074

Field and Pool, or Exploratory Area

Basin-Fruitland Coal

County or Parish, State

San Juan, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form 1

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This well was to be recompleted to the Fruitland Coal, but was not due to casing damage. Plug and abandonment plans for this well will be submitted by January 1, 1994. GCU #273 is in the same proration unit which would have been allocated to this unuseable well. GCU #273 is part of a 20 well recompletion package scheduled to commence by June 1, 1993. Therefore GCU #41 will be plugged to accomodate GCU #273.

THIS APPROVAL EXPIRES

JAN 01 1994

RECEIVED  
BLM  
93 MAY 17 PM12:51  
070 FARMINGTON, NM

14 I hereby certify that the foregoing is true and correct

Signed

*Tim Kalle*

Title Regulatory Affairs Rep.

Date 5/10 93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

MAY 18 1993

DISTRICT MANAGER

Title 18 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.

Form 3160-4  
(July 1989)

CONSERVATION DIVISION  
RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED

BLM Roswell District  
Modified Form No.  
ND60-3160-3

(See other in-  
structions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

SF 079346 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

9

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

(NE/SW) Sec. 32  
T28N-R12W

12. COUNTY OR  
PARISH

San Juan

13. STATE

New Mexico

1a. TYPE OF WELL:

OIL

WELL ☐

GAS

WELL ☒

DRY ☐

Other

1b. TYPE OF COMPLETION:

NEW

WELL ☐

WORK

OVER ☐

DEEP

EN ☐

PLUG

BACK ☒

DIFF.

ENVR. ☒

Other

2. NAME OF OPERATOR

BHP Petroleum (Americas) Inc.

3a. Area Code & Phone No.

713/780-5000

3. ADDRESS OF OPERATOR

5847 San Felipe #3600, Houston, TX 77057

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

At surface 1885' FSL & 2135' FWL

At top prod. interval reported below

At total depth

RECEIVED  
OCT 30 1992

9a. API Well No.

30-045-07006

14. PERMIT NO.

OIL CON. DIV.  
DIST. 3

15. DATE SPUDDED

12/4/52

16. DATE T.D. REACHED

1/21/53

17. DATE COMPL. (Ready to prod.)

10/06/92

18. ELEVATIONS (OF. RKR, RT. GR, ETC.)

KB 5612' - GR 5606'

19. ELEV. CASINGHEAD

5609 DF

20. TOTAL DEPTH, MD & TVD

1321'

21. PLUG. BACK T.D., MD & TVD

1228'

22. IF MULTIPLE COMPL.,  
HOW MANY?

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

0-1241'

CABLE TOOLS

1241'-TD

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

1208' - 1222' Fruitland Coal

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40#	98'	11-1/4"	Cmtd to surface w/50 sx Neat	
7"	20#	1240'	8-3/4"	Cmtd w/100 sx Neat	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1224'	No packer

31. PERFORATION RECORDED (Interval, size and number)

1208' - 1222' w/4" csg gun loaded  
4 JSPF 90 deg. phasing  
shooting a .50 hole  
w/19 gram charge

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1208'-1222'	674 bbl 30# crosslink gel, 67,350# 20/40 Brady sand @ 25 BPM

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/6/92	24	1/2"	→		120	15 load	120
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
48	72	→		120	15 load	120	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

OCT 28 1992  
Fred Lowery

35. LIST OF ATTACHMENTS

FARMINGTON RESOURCE AREA

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Carl Kolbe

TITLE

Regulatory Affairs Rep.

DATE

10/20/92

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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**

310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

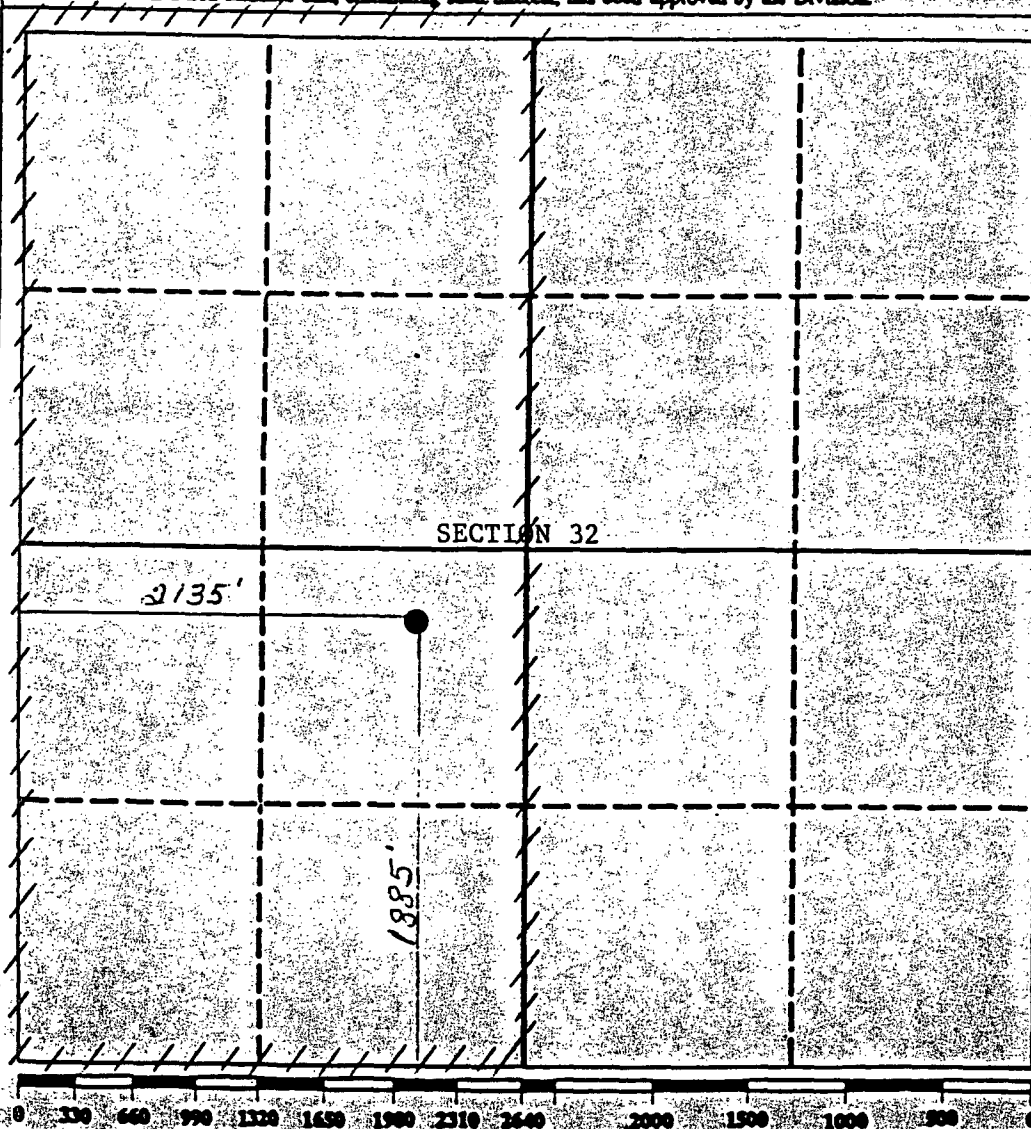
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**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. 9
Unit Letter K	Section 32	Township 28N	Range 12W	County San Juan
Actual Footage Location of Well: 1885 feet from the South line and 2135 feet from the West line				
Ground level Elev. 5610' KB 5609' 9"	Producing Formation Fruitland Coal		Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest 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, force-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**

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

Signature

Printed Name

Beverly Comer

Position

Production Technician

Company

BHP Petroleum (Americas)

Date

12/10/91

**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.

Date Surveyed

Signature & Seal of Professional Surveyor

Original in file

Certificate No.