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STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

June 28, 1993

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

**RECEIVED**

JUL 6 1993

**OIL CON. DIV.**  
**DIST. 3**

BHP Petroleum (Americas), Inc.  
5847 San Felipe, Suite 3600  
Houston, TX 77057

Attention: Carl Kolbe, Regulatory Affairs Representative

*Administrative Order NSL-3268*

Dear Mr. Kolbe:

Reference is made to your application dated June 15, 1993, 1992 for a non-standard Basin-Fruitland coal gas well location for your existing Gallegos Canyon Unit Well No. 13 which was drilled in 1952 and completed in the West Kutz-Pictured Cliffs Pool at a standard gas well location at the time said well was drilled 660 feet from the South and West lines (Unit M) of Section 27, Township 28 North, Range 12 West, NMPM, San Juan County, New Mexico.

It is my understanding that the Pictured Cliffs zone will be properly plugged back and said well will be recompleted to the Basin-Fruitland Coal Gas Pool, which pursuant to the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool as promulgated by Division Order No. R-8768, as amended, is unorthodox. Further, the W/2 of said Section 27 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said Division Order No. R-8768, as amended, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

William J. LeMay  
Director

WJL/MES/amg

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

SF078828-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME, WELL NO.

LCU #13

9. API WELL NO.

3004507100

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Section 27, T-28-N,  
R-12-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

19. ELEV. CASINGHEAD

15. DATE SPUDDED

10/20/52

16. DATE T.D. REACHED

11/1/52

17. DATE COMPL. (Ready to prod.)

03/04/94

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5759' KB

20. TOTAL DEPTH, MD & TVD

1519'

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

1456'

22. IF MULTIPLE COMPL., HOW MANY

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-1464'

CABLE TOOLS

1464-1519'

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

1441'-1452' / Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL/CNL

27. WAS WELL CORRED

No

28. CASING RECORD (Record logs set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8"	40	100' 99'		cmt'd to surface 50	
7"	17	1350' 1464'		cmt'd w/100 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1446'	No packer

31. PERFORATION RECORD (Interval, size and number)

1441'-1452'/w/a HSC gun loaded 4 JSPF, 90° phasing, shooting a .48" hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1441'-1452'	31 bbl. 30# liner gel prepad
	228 bbl. 30# liner gel w/a
	70 Q N2 foam & 30,200# of
	20/40 brady sand.

33. PRODUCTION

35.

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
	Pumping					shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/4/94	24	3/8	→	0	120	0	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
0	36 psi	→	0	120	0		

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

vented

TEST WITNESSED BY

Fred Lowery

35. LIST OF ATTACHMENTS

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.

MAR 28 1994

DATE 3/16/94

FARMINGTON DISTRICT OFFICE

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

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.

NMOCD

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland Coal	1441'	1452'	Coal			
Pictured Cliffs	1472' 1459'	1519'	Sandstone			