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DEC 10 '90

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK OFFICE

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/>	
2. Name of Operator BHP PETROLEUM (AMERICAS) INC.		Ph. 915-689-0166		6. State Oil & Gas Lease No. V-2824	
3. Address of Operator 1031 Andrews Hwy., Suite 420 Midland, Texas 79701-3805				7. Unit Agreement Name ---	
4. Location of Well UNIT LETTER D LOCATED 660' FEET FROM THE North LINE AND 990' FEET FROM THE West LINE OF SEC. 24 TWP. 8S RGE. 27E NMPM				8. Farm or Lease Name Puffer State	
				9. Well No. 1	
				10. Field and Pool, or Wildcat Wildcat Ellenburger	
				12. County Chaves	
		19. Proposed Depth 7000'		19A. Formation Ellenburger	
				20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, KT, etc.) 3940.3 GL		21A. Kind & Status Plug. Bond Statewide		21B. Drilling Contractor Unknown	
				22. Approx. Date Work will start As Soon As Possible	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0# J-55	1200' ± 450	635±	Circulate
7-7/8"	5-1/2"	15.5# J-55	6800' ±	750±	3400' ±

Propose to drill to about 7000' to test Ellenburger and intermediate formations.
The Montoya formation will be the prime objective.

If commercial production is indicated, the well will be completed in the deepest favorable formation, by cementing production casing, selectively perforating and stimulating. Run 2-7/8" tubing and test well.

See attached "Supplemental data".

The gas is not dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6/12/91
UNLESS DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry W. Long Title Permit Agent Date December 7, 1990
(This space for State Use)

ORIGINAL SIGNED BY MIKE WILLIAMS TITLE SUPERVISOR, DISTRICT 17 DATE DEC 14 1990
APPROVED BY MIKE WILLIAMS

CONDITIONS OF APPROVAL, IF ANY

NSL-2942

Appv. 11-19-90