

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. NM 54013
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTED OR TRIBE NAME -
2. NAME OF OPERATOR BHP PETROLEUM COMPANY, INC. 1300 First City Center		7. UNIT AGREEMENT NAME -
3. ADDRESS OF OPERATOR 500 West Texas Midland, Texas 79701		8. FARM OR LEASE NAME S.E. Dean Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1000' FNL 1100' FEL Sec. 10-16S-37E At proposed prod. zone Same A-11006		9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles east of Lovington, New Mexico		10. FIELD AND POOL, OR WILDCAT Northeast Lovington-Pennsylvanian
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 280.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 80
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 12,000'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3797' GR		22. APPROX. DATE WORK WILL START* As Soon As Possible

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	500'±	550 sx - Circulate
12-1/4"	9-5/8"	36#	4,500'±	1800 sx - Circulate
7-7/8"	5-1/2"	17#	12,000'±	500 sx - Isolate Pennsylvanian

Propose to drill to 12,000'± to test Pennsylvanian and shallower formations.

This unorthodox location was chosen due to favorable seismograph information. NMOCD approval of Case 8927 for an unorthodox location is pending.

See attached supplemental Drilling Data for casing and pressure control details.

The well will be completed by perforating favorable zones with 4 SPF, acidize perforations if necessary, run tubing on packer and test.

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.

24. SIGNED Jerry H. Long TITLE Agent DATE July 25, 1986
(This space for Federal or State office use)

PERMIT NO. Org. Sec. 1001-1001 APPROVAL DATE 86/16
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Subject to
Like Approval

NSL R-8249

*See Instructions On Reverse Side

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

RECEIVED
AUG 8 1986
C.C.2
HQB-2 OFFICE

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

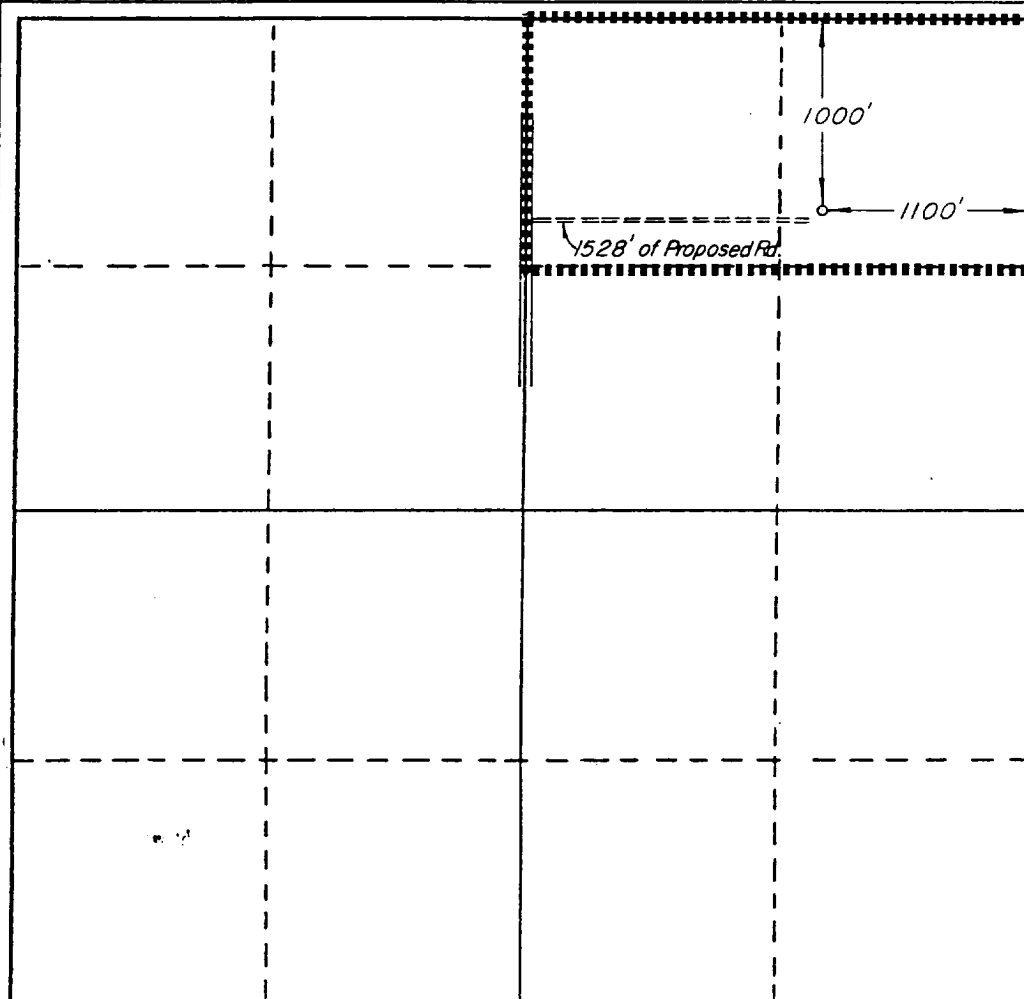
Operator BHP PETROLEUM COMPANY, INC.			Lease S.E. Dean Federal "10"		Well No. #1
Unit Letter A	Section 10	Township T-16-S	Range R-37-E	County LEA	
Actual Footage Location of Well: 1000 feet from the NORTH line and 1100 feet from the EAST line					
Ground Level Elev. 3797'	Producing Formation Pennsylvanian		Pool N.E. Lovington Penn		Dedicated Acreage: 80 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). Single Lease
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 Division.



CERTIFICATION

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

Jerry W. Long
Name

JERRY W. LONG

Position

Agent

Company

BHP PETROLEUM COMPANY, INC.

Date

July 24, 1986

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.

JULY 16, 1986

Date Surveyed

RICHARD B. DUNIVEN

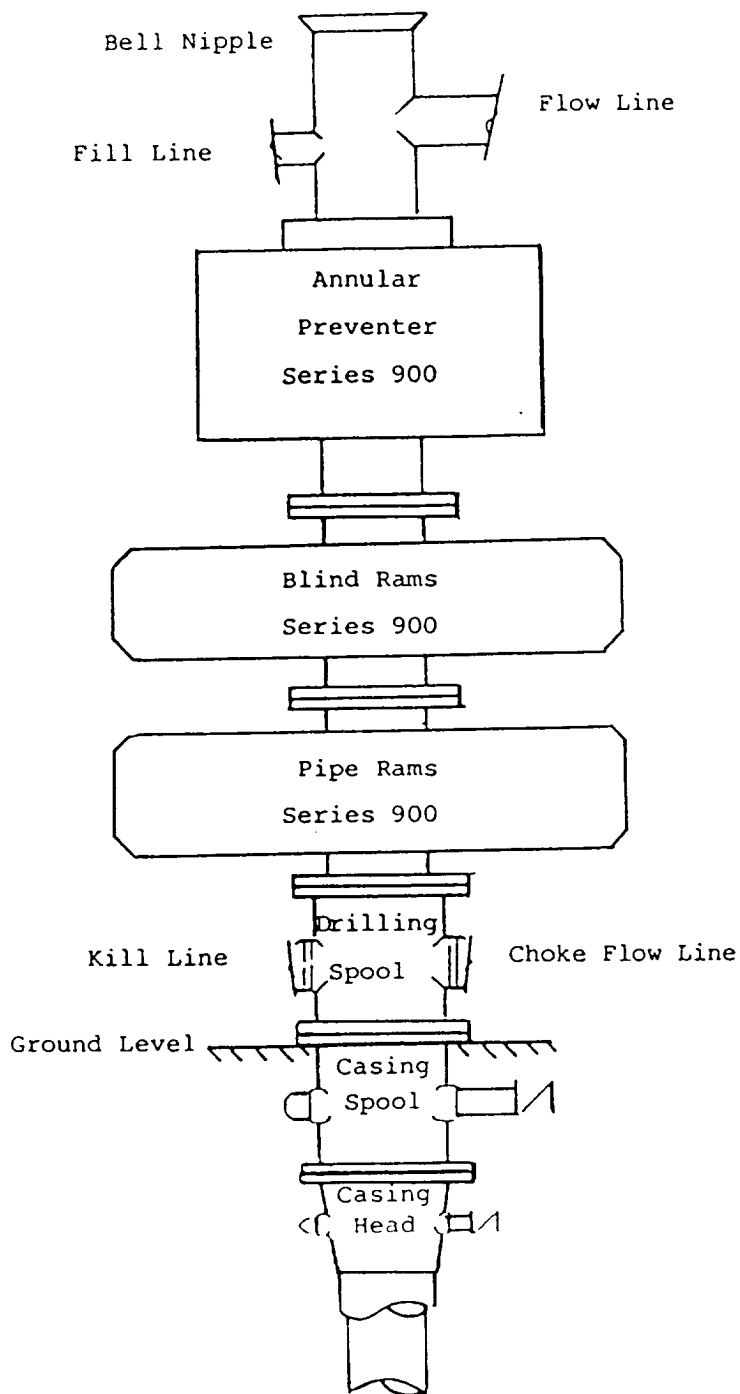
Registered Professional Engineer
and/or Land Surveyor

Richard B. Duniven
Certificate No.

4882

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

BHP PETROLEUM COMPANY, INC.
No.1 S.E. Dean Federal "10"
1000'FNL, 1100'FEL Sec.10-16S-37E
Lea County, N.M.



BLOWOUT PREVENTER STACK
Rams Operated Daily

18-0-2-81

18-0-2-81