

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Amoco Production Company P. O. Box 3092 Houston, Texas 77253		² OGRID Number 000778
³ Property Code 000674		⁴ API Number 30-045-30270
⁵ Property Name Holmberg Gas Com		⁶ Well No. 1B

⁷ Surface Location									
UL or lot no. H	Section 28	Township 32N	Range 10W	Lot Idn	Feet from the 2200'	North/South line North	Feet from the 2220'	East/West line East	County San Juan

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Blanco Mesaverde					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N - New Drill	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary/Top Drive	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 5883'
¹⁶ Multiple No	¹⁷ Proposed Depth 5242'	¹⁸ Formation Mesaverde	¹⁹ Contractor Aztec	²⁰ Spud Date 06/26/2000

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
(1) 12 1/4"	9 5/8"	32.3#	135'	150 SXS CLS B	Surface
(2) 8 3/4"	7"	20#	2258'	339 SXS CLS B	Surface
(3) 6 1/4"	4 1/2"	10.5#	5242'	410SXS CLS A	2249'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

OBJECTIVE: Drill 100' into the Mancos Shale, set 4 1/2" Liner across Mesaverde, Stimulate Cliff House, Menefee, and Point Lookout intervals. Run Cased Hole (GR-CCL-TDT) logs: TDT from PBDT to TOL. GR- CCL from PDTB to Surface.

(1) Circulate Cement to Surface (2) Set Casing 50' above Fruitland. (3) Liner Lap should be minimum of 100'.

Mud Program: 0' - 135' Type - Spud Weight 8.6 - 9.2

135' - 2258' Type - Water Weight 8.6 - 9.2

2258' - TD Type - Gas/Air/Mist Volume sufficient to maintain a stable & clean wellbore

The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency

Top set Fruitland to minimize lost circulation, air volume to maintain hole stability

Completion: Rigless, 2-3 Stage Limited Entry Hydraulic Frac.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: **Mary Corley**

Title: **Sr. Business Analyst**

Date: **06/01/2000**

Phone: **281-366-4491**

OIL CONSERVATION DIVISION

Approved by:

Title: **DEPUTY OIL & GAS INSPECTOR, DIST. 4**

Approval Date: **JUN - 8 2000** Expiration Date: **JUN - 8 2000**

Conditions of Approval:

Attached

