Form 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE. (Other instructions on reverse side)

30-045-28211

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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NMOCD

*See Instructions 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

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

OIL CONSERVATA
P.O. Box 2088
Santa Fe, New Mexico 87504-2088
ONFIDENTIAL

DISTRICT III

DISTRICT II P.O. Drawer DD, Arteria, NM 88210

WELL LOCATION AND ACREAGE DEDICATION PLAT

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Amoco proposes to drill the well to further develop the Fruitland Coal reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to the intermediate casing point with a non-dispersed mud system. The attached modified 12" 3000 psi blowout preventer will be used. Amoco will attempt to complete the Fruitland coal by drilling the interval with water and air. A service unit will probably be used to drill into the coals using the attached modified 6" 3000 psi BOP. If commercial productivity is established, then a 5-1/2" uncemented liner will be run. Amoco reserves the right to utilize a drilling rig to drill this hole section.

Quantity	Size	Weight	Description	Cementing Program						
SURFACE C	ASING 9-5/8"	36#	K55 ST&C	200 cf Class B, 2% CaCl ₂ 15.6 ppg						
INTERMEDIATE STRING										
3110'	7"	20#	K55 ST&C	cf Class B, 65:35:6 10% salt, .25% dispersant 13.1 ppg 118 cf Class B, 2% CaCl ₂ 15.6 ppg						
LINER										

300 5-1/2" 15.5# K55 LT&C None

The above casing design is based upon a 9.0#/gallon mud weight.

CONTINGENCY OPERATIONAL PLAN

In the event the well does not yield commercial volumes of gas from the open hole completion, the water filled hole will be mudded-up and weighted-up as necessary (9-11#/gal.) for hole stability and well control. The well will then be deepened approximately 200' into the Pictured Cliffs formation to provide necessary footage for a cased and cemented completion technique. The Fruitland coals will then be perforated and fracture stimulated. The Pictured Cliffs formation will be isolated with cement.

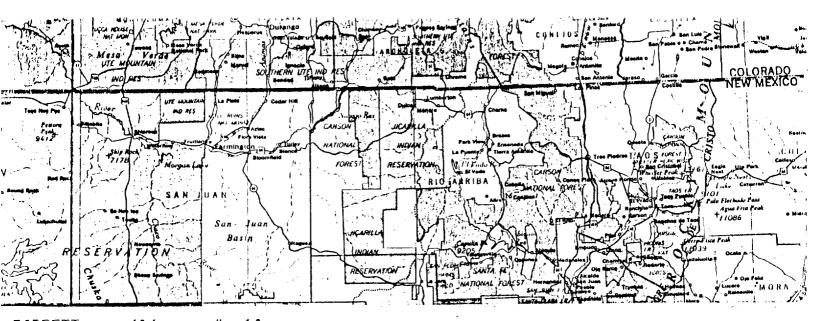
CONTINGENCY LINER

650' 4-1/2" 11.6# K-55 LT&C 250 cf Class B

The contingency string is based upon a 11.0#/gallon mudweight.

EVALUATION

Mud logs will be the only logs run if the well is completed as an open hole. The log surveys (FDC/GR/CAL, Microlog, Mudlogger) will be run only if the well is drilled into the Pictured Cliffs formation, and only if well condition is suitable to allow proper wireline log interpretation.



BARRETT /A/ 1400' F/EL 1720' F/NL

SEC. 19, T31N, R9W, NMPM
RAIL POINT: 154 miles from Montrose, Co.
MUD POINT: 13 miles from Azke, NM
CEMENT POINT: 27 miles from Farmington, NM

