



COLEMAN PETROLEUM ENGINEERING COMPANY

*add file
HSD*

PHONE 393-3813

3713 W. MARLAND ST.

P. O. BOX 1829

HOBBS, NEW MEXICO 88240

October 20, 1971

Shenandoah Oil Corporation
1018 Commerce Bldg.
Ft. Worth, Texas

RE: Haystack Cisco Gas
State L, No. 1
Flow Test and Gas
Sample and Analysis
Test

Gentlemen:

In compliance with your instructions, a Gas Volume test was conducted on your State L, No. 1, and the volume was calculated to be 341.0 MCF/D, through a 20/64" choke.

The Sample taken during test yielded component percentages as follows:

CARBON DIOXIDE	0.16
NITROGEN	4.19
OXYGEN	0.00
HYDROGEN SULFIDE	0.00
METHANE	87.14
ETHANE	4.92
PROPANE	1.99
ISO-BUTANE	0.34
NORMAL BUTANE	0.64
ISO-PENTANE	0.18
NORMAL PENTANE	0.18
HEXANES plus	0.26
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	100.00
Calculated Sp. G.	0.6434
Calculated BTU Sat Dry	1077
Calculated BTU Sat wet	1058

Very Truly Yours

COLEMAN PETROLEUM ENG. CO.

Joe A. Coleman

RECEIVED

NOV 16 1971

D. C. C.
ARTESIA, OFFICE