

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

BASS ENTERPRISES PRODUCTION CO.
DIVISION PRODUCTION OFFICE
P. O. BOX 2760
MIDLAND, TEXAS 79702

RECEIVED

February 2, 1983

800 VAUGHN BUILDING
(915) 684-5723

OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

Re: Application to Vent Excess Gas
Poker Lake Unit No. 57
Eddy Undesignated Delaware
Eddy County, N. M.
File: 400-WF

United States Department of the Interior
Bureau of Land Management
P.O. Drawer 1857
Roswell, New Mexico 88201

ATTN: MR. JAMES A. GILLHAM

Dear Mr. Gillham:

Perry R. Bass requests permission to vent excess casinghead gas production not consumed on the lease for its Poker Lake Unit No. 57 located 330' FSL and 1980' FWL of Unit N, Section 28, T25S, R31E, Eddy County, New Mexico.

Poker Lake Unit No. 57 was drilled as a Delaware producer and completed in the Delaware interval 6050-6080' on December 17, 1982. Potential test was 50 BOPD, 200 BWPD and 20 MCFGPD pumping. Current plans are to pump this well with the produced casinghead gas fueling the pumping unit. We estimate this process will consume 10-15 MCFGPD. Also, due to the very low gravity of the oil (22° API @60° F), we anticipate having to heat the oil to break out any water to prepare the oil for selling. This process will consume +10 MCFGPD. As can be seen by these figures, we anticipate using all the produced gas on the lease and possibly having to supplement our needs with another fuel. If all the produced gas is not used on the lease, it would not be economical to compress this small volume of unused gas from 20 psi to 600 psi into a line approximately two miles to the south. The value of the entire 20 MCFGPD would only be \$60/day consumed or vented on the lease.

Ultimate oil recovery from Poker Lake Unit No. 57 with permission to vent is expected to be 10,000 BO, while ultimate recovery without permission to vent could cut this by as much as 6,000 BO. At this time, additional development drilling is not planned until this well has produced substantial amounts of oil so that we may learn more about this reservoir from an engineering and geological point of view.

Based on these reasons, we request that we be allowed to vent excess gas from the Poker Lake Unit No. 57. If any additional information is needed, please contact John Rodgers at 915-684-5723.

APPROVED
(ORIG. SGD.) DAVID R. GLASS

AUG 23 1983

Very truly yours,

J. E. Pullig
Division Manager

RECEIVED BY
AUG 29 1983
O. C. D.
ARTESIA, OFFICE