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5809 South Western, Suite 200 Amarillo, Texas 79110-3607 Phone: (806) 358-0181

Bureau of Land Management P.O. Box 1857 Roswell, New Mexico 88202 Mr. Armondo Lopez

RE: Surface Commingling of Gas Bison Federal A No. 1 (NM 0560413) Sec. 34, T8S, R37S Roosevelt County, Texas



December 7, 1993

Gentlemen:

The subject well ceased producing gas as of July 1, 1993, due to insufficient well head pressure. Bison requests approval to run a line to a compressor station on its State lease, some 800' west, and commingle the gas for sales.

The subject well was drilled by DOB Oil Co. in Jan. 1963. Various Operators have since owned the well. Bison Petroleum Corporation purchased the well effective Octoer 1, 1988. In our time of operations the well has produced no measurable fluid, oil or condensate. During 1993 the sales line pressure increased slightly, to 15 psi and the well ceased production. The Purchaserwas contacted but said they could not justify additional compression to lower the line pressure. It is not economically feasible for us to install compression. Under the present conditions the well has no economic reserves. Bison operates the State lease; just west of the Federal A (see attached map). This lease produces with a gas compressor but operates with marginal economics. Bison recently purchased the Marathon State BP-A lease which is at the economic limit. Gas from the three leases could be handled efficiently with Bison's current compressor installation.

Bison proposes to commingle the gas from the three wells and then compress and sell it through the existing facilities. We can not economically justify setting additional measurement facilities nor will the purchaser. We would test the wells for production rate and BTU content once every six months and distribute the gas income based on each wells percentage of producted BTU's.

## BISON PETROLEUM JJRPORATION

Under the above proposal the Federal "A" No. 1 would have a production rate of an estimated 20 Mcf/D and once again have economical reserves. It is anticipated the well would produce for an additional 3 years.

If this method of production is acceptable we ask for an early response to support our proposal to the NMOCC. If you have any questions please let us know.

Yours very truly,

BISON PETROLEUM CORPORATION

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Bruce O. Barthel President

BOB/1s

Enclosures

SUBJECT TO LIKE



DEC 1 5 1993

BUREAU OF LANL MANAGEMENT ROSWELL RESOURCE AREA

12/15/93 Ber conversation W/Bruce Barthel State BP-A wells 142 Test at about 40 MCFPD together.

about 40 MCFPD Together. Dison State well Ko. / produces about 32 MCFPD Sales meter will be at 1-Bison State well, <u>SWNE</u> 32-85-37E Feter W. Chester



- 0il Well
- 🔆 Gas Well
  - 🐱 P&A Well
- Compressor Station
- --- Gas Gathering Line
- Scale: 1" = 2000'

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BISON PETROLEUM CORPORATION Surface Gas Commingling Facility Sections 32, 33, & 34 T-8S, R-37S Roosevelt County, New Mexico