STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

September 9, 1996

Robert L. Bayless
P. O. Box 168
Farmington, New Mexico 87499
Attention: Kevin McCord

Administrative Order TX-250

Dear Mr. McCord:

Reference is made to your request for an exception to the tubing setting requirements as contained in Division Rule 107 (d) (3) for the below-named well.

Pursuant to the authority granted me by Rule 107 (d) (4), you are hereby authorized to make a tubingless completion in the following well:

Well Name and Number: Riverine Well No. 1

Location: Unit O, Section 11, Township 29 North, Range 13 West, NMPM, San Juan County, New Mexico

Remarks: This tubing exception will be for a six month period or until gas volumes decrease sufficiently in order that this well can be killed without creating significant formation damage.

The Division reserves the right to rescind this authority in the event that waste appears to be resulting therefrom.

Sincerely,

William J. LeMay
Director

WJL/RJ/kv

cc: Oil Conservation Division - Aztec

pVZV2005631776

ROBERT L. BAYLESS
P. O. BOX 168
FARMINGTON, NM 87499

FAX NO.
(505) 326-6911

OFFICE NO.
(505) 326-2659

June 13, 1996

William J. LeMay, Chairman
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: Request for Administrative
Exception to NMOCD Rule #107
Robert L. Bayless, Riverine #1
Unit O, Sec. 11, T29N R13W
Fulcher Kutz Pictured Cliffs Pool
San Juan County, New Mexico

Dear Mr. LeMay:

Robert L. Bayless requests an administrative exception to NMOCD Rule #107 (tubing requirement) for a 6 month period of time for the Riverine #1 Pictured Cliffs well which is referenced above. This well is located within the city limits of Farmington, NM.

The Riverine #1 was fracture stimulated on 5/29/96 and sand cleaned from the wellbore on 5/30/96. While rigging up to run tubing in the hole, the well came in flowing gas and water up the 4½" casing at significant rates. The well remained flowing and cleaning up for 2 days. The decision was made to set production equipment and the pipeline metering facilities to sell gas from the well. The well is currently shut-in waiting on first production at this time. After the well first produces, it will be allowed to flow until it's flowrate diminishes enough to kill the well easily and run 2 3/8" tubing in the hole. This is anticipated to take place within a 6 month period of time.

The morning reports of the completion of the Riverine #1 have been included with this request for reference. Your consideration of this request is appreciated.

Sincerely,

Kevin H. McCord
Petroleum Engineer

Attachment

ROBERT L. BAYLESS
RIVERINE #1
1151 FSL & 1995 FEL
SWSE, SECTION 11, T29N R13W
SAN JUAN COUNTY, NEW MEXICO

COMPLETION REPORT

5-29-96 Rig up BJ Services frac equipment. Pressure tested casing to 3000 psi, held OK. Rigged up Blue Jet wireline. Ran GR-CLL from 1359 (corrected PBTD) to 900 ft. Perforate the Pictured Cliffs interval with 3 1/8" casing gun at 2 JSPF as follows:

1191 - 1206 ft	15 ft	31 holes	.34" diameter

Broke down perforations at 2900 psi. Established an injection rate of 8.0 BPM @ 1270 psi, ISIP = 400 psi (FG = 0.77). Acidize Pictured Cliffs interval with 500 gallons of 7.5% DI weighted HCL acid containing 47 1.1 sg RCN ball sealers. Saw some acid and ball action. Balled off casing to 3000 psi. Pressure bled off into formation. Pumped into perforations again at 6.0 BPM @ 950 psi, ISIP = 400 psi. Ran junk basket in hole and recovered all 47 ball sealers. Fracture stimulated Pictured Cliffs formation with 29,000 gallons of fluid containing 4,000 gallons of 30# X-linked borate gelled fluid pad and 25,000 gallons of 70 quality foam using 30# X-linked borate gelled fluid containing 90,000 lbs. of 16-30 mesh sand as follows:

4,000 gals of 30# X-linked fluid pad	15 BPM @ 700-850 psi
5,000 gals 70 qual foam with 0-4 ppg (ramped) 16-30 sand	17BPM @ 850-1000 psi
20,000 gals 70 qual foam with 4 ppg 16-30 sand	15 BPM @ 1100-1250-1200 psi
750 gals 70 qual foam flush	15 BPM @ 1150 psi

ISIP = 1000 psi decreasing to 890 psi after 15 minutes. All water contained 2% KCL and ½ gal/1000 clay stabilization agent. Average rate 15 BPM, average pressure 1150 psi, maximum pressure 1250 psi, minimum pressure 700 psi, Average nitrogen rate 4,000 scfm, total nitrogen pumped 185,000 scf. Total fluid to recover 305 bbls. Shut well in for 3 hours. Blew well back to a flowback tank through a ¼" inline choke. Well flowing to cleanup with drywatch. Shut down for the night.

5-30-96 Well died after 6½ hours of flow after frac. Overnight pressure was 30 psi, which blew down immediately. Move in and rig up JC Well Service rig. Nipple up wellhead and BOP. Pick up hydrostatic bailer on 2 3/8" tubing. Tag sand fill at 965 ft RKB (226 ft of sand above top perforation). Attempted to recover sand with bailer, recovered only 10 ft of sand. Trip bailer and tubing out of hole. Trip in hole with notched collar on tubing. Circulated 245 ft of sand to 1220 ft RKB and lost circulation in open perforations. Trip tubing out of hole. Shut down for the night.

5-31-96 Overnight shut in pressure was 30 psi, which blew down immediately. While rigging up to trip in hole with tubing, well came in flowing gas, water, and sand. Let well flow to frac tank through 2" line. Sand production decreased significantly. Left well flowing with drywatch to cleanup.

6-1-96 Well still flowing. No sand was produced throughout today's flowback. Shut well in for buildup, AOF, and hookup. Will run tubing in hole after first production. Released rig