

March 8, 1982

Order No. PMX-116

IT IS THEREFORE ORDERED:

That the applicant, Arco Oil & Gas Company, be and the same is hereby authorized to inject water into the Abo formation through plastic-lined tubing set in a packer at approximately 100 feet above the uppermost perforations in the following described wells for purposes of pressure maintenance to wit:

Empire Abo Unit Well No. B-49, Unit E,  
Sec. 29, T-17-S, R-29-E, NMPM, Eddy County

Empire Abo Unit Well No. B-48, Unit H,  
Sec. 30, T-17-S, R-29-E, NMPM, Eddy County

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus (in each well) shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That the injection wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure to a maximum of 1245 pounds per square inch; provided however that the Division Director may administratively authorize a pressure limitation in excess of the above upon the operator's establishing that such higher pressure will not result in fracturing of the confining strata.

That the operator shall locate the top of cement of each 5 1/2" casing on each well (B-48 and B-49), and shall perforate and circulate cement to the surface on each well.

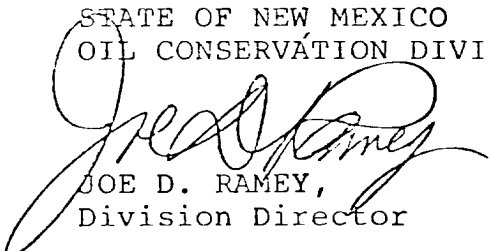
That the operator shall notify the supervisor of the Division's Artesia District Office before injection is commenced through said wells.

That the operator shall immediately notify the Supervisor of the Division's Artesia District Office of the failure of the tubing, casing, or packer in said wells or the leakage of water from or around said wells and shall take such steps as may be timely or necessary to correct such failure or leakage.

That the subject wells shall be governed by all provisions of Division Order No. R-4549 (A-E) not inconsistent herewith.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY,  
Division Director