

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 6800  
Order No. R-6266

APPLICATION OF CAULKINS OIL COMPANY  
FOR A DUAL COMPLETION AND DOWNHOLE  
COMMINGLING, RIO ARriba COUNTY,  
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on January 30, 1980, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 13th day of February, 1980, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Caulkins Oil Company, seeks authority to dually complete its Breech "E" Wells Nos. ~~83-E~~ located in Unit L of Section 5 and ~~54-E~~ and 68-E located in Units P and L of Section 4; Breech "A" No. 268-E located in Unit P of Section 16; and Breech "D" No. 346 located in Unit A of Section 22, all in Township 26 North, Range 6 West, in such a manner as to produce gas from the Dakota formation and commingled Chacra and Mesaverde production through parallel strings of tubing in each of said wells.
- (3) That the mechanics of the proposed dual completions are feasible and in accord with good conservation practices.
- (4) That from the Chacra zone, each of the subject wells is expected to be capable of marginal production only.

(5) That from the Mesaverde zone, each of the subject wells is expected to be capable of low marginal production only.

(6) That the proposed commingling may result in the recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste, and will not violate correlative rights.

(7) That the reservoir characteristics of each of the subject zones are such that underground waste would not be caused by the proposed commingling provided that no such commingled well is shut-in for an extended period.

(8) That to afford the Division the opportunity to assess the potential for waste and to expeditiously order appropriate remedial action, the operator should notify the Aztec district office of the Division any time any of the subject wells is shut-in for 7 consecutive days.

(9) That in order to allocate the commingled production to each of the commingled zones in the wells, applicant should consult with the supervisor of the Aztec district office of the Division and determine an allocation formula for each of the production zones.

(10) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Caulkins Oil Company, is hereby authorized to complete its Breech "E" Wells Nos. 83-E located in Unit L of Section 5 and 54-E and 68-E located in Units P and L of Section 4; Breech "A" No. 268-E located in Unit P of Section 16; and Breech "D" No. 346 located in Unit A of Section 22, all in Township 26 North, Range 6 West, Rio Arriba County, New Mexico, as dual completions (conventional) to produce gas from the Dakota formation through one string of tubing and to produce commingled Chacra and Mesaverde production through a parallel string of tubing, with separation of the Dakota zone from the commingled zones to be achieved by means of a packer in each of said wells.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Division Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer leakage tests upon completion and annually thereafter during the Deliverability Test Period for either the Blanco Mesaverde or Basin-Dakota Pool.

(2) That the applicant, Caulkins Oil Company, is further authorized to commingle Chacra and Mesaverde production within the wellbore of each of said wells.

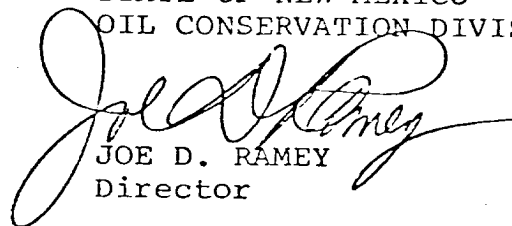
(3) That the applicant shall consult with the Supervisor of the Aztec district office of the Division and determine an allocation formula for the allocation of production to each zone in each of the subject wells.

(4) That the operator of the subject wells shall immediately notify the Division's Aztec district office any time any of the wells has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

(5) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY  
Director

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