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BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 1741
Order No. R-1485

APPLICATION OF EL PASO NATURAL
GAS COMPANY FOR AN ORDER AUTHORIZ-
ING A GAS-GAS DUAL COMPLETION IN
THE AZTEC-PICTURED CLIFFS POOL
AND IN THE BLANCO-MESAVERDE POOL,
SAN JUAN COUNTY, NEW MEXICO, UTILIZ-
ING A RETRIEVABLE-TYPE PACKER

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 19, 1969, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 14th day of September, 1969, the Commission, a quorum being present, having considered the application the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, El Paso Natural Gas Company, is the owner and operator of the Hancock Well No. 4, located in the SW/4 SW/4 of Section 23, Township 28 North, Range 9 West, San Juan County, New Mexico.

(3) That the applicant proposes to dually complete said Hancock Well No. 4 in such a manner as to produce gas from the Aztec Pictured Cliffs Pool and to produce gas from the Blanco-Mesa Verde Pool through the casing-tubing annulus and through 2-inch EUE tubing, respectively, effecting separation of the zones in the well bore by means of a Baker Model "EGJ" retrievable-type packer to be set at 3401 feet.

CONFIDENTIAL - SECURITY INFORMATION
EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

1. The following information was obtained from a review of the files of the Central Intelligence Agency, Department of Defense, and the Department of State, and is being furnished to you for your information.

2. The information is being furnished to you for your information and is not to be distributed outside your agency.

3. The information is being furnished to you for your information and is not to be distributed outside your agency.

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-2-

Case No. 1741

Order No. R-1485

(4) That the temperature expected to be encountered at 3401 feet in said Hancock Well No. 4 is approximately 103 Fahrenheit, and the proposed packer should be able to efficiently withstand a temperature of this magnitude.

(5) That the pressure differential between the two producing zones in the subject well is approximately 272 psi, which differential the Baker Model "EGJ" packer should be able to withstand; further, that said differential should be adequate to actuate the hydraulic hold-down buttons on said packer.

(6) That the weight of the tubing string above the proposed packer setting-depth should be adequate to hold said packer in place.

(7) That while said packer is not of a drillable nature, it can be milled out, which operation the applicant has expressed a willingness to undertake should the necessity arise.

(8) That the testimony indicates that the producing characteristics of each zone in the proposed dual completion are such that there will be no significant tubing movement which would tend to unseat said packer.

(9) That packer-leakage tests should be conducted on the subject well semi-annually.

IT IS THEREFORE ORDERED:

That the applicant, El Paso Natural Gas Company, be and the same is hereby authorized to dually complete its Hancock Well No. 4, located in the SW/4 SW/4 of Section 23, Township 28 North, Range 9 West, San Juan County, New Mexico, in such a manner as to permit the production of gas from the Aztec-Pictured Cliffs Pool and the production of gas from the Blanco-Mesaverde Pool through the casing-tubing annulus and through 2-inch EUE tubing respectively, effecting separation of the Zones in the well bore by means of a Baker Model "EGJ" retrievable-type packer to be set at 3401 feet.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Deliverability Test Period for the Blanco-Mesaverde Pool. Applicant shall also take packer-leakage tests semi-annually midway between the aforesaid Deliverability Test Periods.

Case No. 111
Order No. 111

(1) That the defendant exposed to a substantial
of such level in said material will be approximately
1.5 percent of the total weight of the material
utilized in the manufacture of the material.

(2) That the defendant's exposure to a substantial
of such level in said material will be approximately 1.5
percent, which is substantially the same as the
level of exposure to a substantial amount of the material
utilized in the manufacture of the material.

(3) That the defendant's exposure to a substantial
of such level in said material will be approximately 1.5
percent, which is substantially the same as the
level of exposure to a substantial amount of the material.

(4) That the defendant's exposure to a substantial
of such level in said material will be approximately 1.5
percent, which is substantially the same as the
level of exposure to a substantial amount of the material.

(5) That the defendant's exposure to a substantial
of such level in said material will be approximately 1.5
percent, which is substantially the same as the
level of exposure to a substantial amount of the material.

(6) That the defendant's exposure to a substantial
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-3-

Case No. 1741

Order No. R-1485

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order, after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

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[illegible]

100g Bone Ash per ml. 1.5% w/v. 100g Bone Ash per ml. 1.5% w/v.

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* and *Agaricus bisporus* spores on the growth of *Agaricus bisporus*. The concentration of the *Agaricus bisporus* spores was 10⁶ spores/ml (A), 10⁷ spores/ml (B), 10⁸ spores/ml (C), 10⁹ spores/ml (D), 10¹⁰ spores/ml (E), 10¹¹ spores/ml (F), 10¹² spores/ml (G), 10¹³ spores/ml (H), 10¹⁴ spores/ml (I), 10¹⁵ spores/ml (J), 10¹⁶ spores/ml (K), 10¹⁷ spores/ml (L), 10¹⁸ spores/ml (M), 10¹⁹ spores/ml (N), 10²⁰ spores/ml (O), 10²¹ spores/ml (P), 10²² spores/ml (Q), 10²³ spores/ml (R), 10²⁴ spores/ml (S), 10²⁵ spores/ml (T), 10²⁶ spores/ml (U), 10²⁷ spores/ml (V), 10²⁸ spores/ml (W), 10²⁹ spores/ml (X), 10³⁰ spores/ml (Y), 10³¹ spores/ml (Z), 10³² spores/ml (AA), 10³³ spores/ml (AB), 10³⁴ spores/ml (AC), 10³⁵ spores/ml (AD), 10³⁶ spores/ml (AE), 10³⁷ spores/ml (AF), 10³⁸ spores/ml (AG), 10³⁹ spores/ml (AH), 10⁴⁰ spores/ml (AI), 10⁴¹ spores/ml (AJ), 10⁴² spores/ml (AK), 10⁴³ spores/ml (AL), 10⁴⁴ spores/ml (AM), 10⁴⁵ spores/ml (AN), 10⁴⁶ spores/ml (AO), 10⁴⁷ spores/ml (AP), 10⁴⁸ spores/ml (AQ), 10⁴⁹ spores/ml (AR), 10⁵⁰ spores/ml (AS), 10⁵¹ spores/ml (AT), 10⁵² spores/ml (AU), 10⁵³ spores/ml (AV), 10⁵⁴ spores/ml (AW), 10⁵⁵ spores/ml (AX), 10⁵⁶ spores/ml (AY), 10⁵⁷ spores/ml (AZ), 10⁵⁸ spores/ml (BA), 10⁵⁹ spores/ml (BB), 10⁶⁰ spores/ml (BC), 10⁶¹ spores/ml (BD), 10⁶² spores/ml (BE), 10⁶³ spores/ml (BF), 10⁶⁴ spores/ml (BG), 10⁶⁵ spores/ml (BH), 10⁶⁶ spores/ml (BI), 10⁶⁷ spores/ml (BJ), 10⁶⁸ spores/ml (BK), 10⁶⁹ spores/ml (BL), 10⁷⁰ spores/ml (BM), 10⁷¹ spores/ml (BN), 10⁷² spores/ml (BO), 10⁷³ spores/ml (BP), 10⁷⁴ spores/ml (BQ), 10⁷⁵ spores/ml (BR), 10⁷⁶ spores/ml (BS), 10⁷⁷ spores/ml (BT), 10⁷⁸ spores/ml (BU), 10⁷⁹ spores/ml (BV), 10⁸⁰ spores/ml (BW), 10⁸¹ spores/ml (BX), 10⁸² spores/ml (BY), 10⁸³ spores/ml (BZ), 10⁸⁴ spores/ml (CA), 10⁸⁵ spores/ml (CB), 10⁸⁶ spores/ml (CC), 10⁸⁷ spores/ml (CD), 10⁸⁸ spores/ml (CE), 10⁸⁹ spores/ml (CF), 10⁹⁰ spores/ml (CG), 10⁹¹ spores/ml (CH), 10⁹² spores/ml (CI), 10⁹³ spores/ml (CJ), 10⁹⁴ spores/ml (CK), 10⁹⁵ spores/ml (CL), 10⁹⁶ spores/ml (CM), 10⁹⁷ spores/ml (CN), 10⁹⁸ spores/ml (CO), 10⁹⁹ spores/ml (CP), 10¹⁰⁰ spores/ml (CQ), 10¹⁰¹ spores/ml (CR), 10¹⁰² spores/ml (CS), 10¹⁰³ spores/ml (CT), 10¹⁰⁴ spores/ml (CU), 10¹⁰⁵ spores/ml (CV), 10¹⁰⁶ spores/ml (CW), 10¹⁰⁷ spores/ml (CX), 10¹⁰⁸ spores/ml (CY), 10¹⁰⁹ spores/ml (CZ), 10¹¹⁰ spores/ml (DA), 10¹¹¹ spores/ml (DB), 10¹¹² spores/ml (DC), 10¹¹³ spores/ml (DD), 10¹¹⁴ spores/ml (DE), 10¹¹⁵ spores/ml (DF), 10¹¹⁶ spores/ml (DG), 10¹¹⁷ spores/ml (DH), 10¹¹⁸ spores/ml (DI), 10¹¹⁹ spores/ml (DJ), 10¹²⁰ spores/ml (DK), 10¹²¹ spores/ml (DL), 10¹²² spores/ml (DM), 10¹²³ spores/ml (DN), 10¹²⁴ spores/ml (DO), 10¹²⁵ spores/ml (DP), 10¹²⁶ spores/ml (DQ), 10¹²⁷ spores/ml (DR), 10¹²⁸ spores/ml (DS), 10¹²⁹ spores/ml (DT), 10¹³⁰ spores/ml (DU), 10¹³¹ spores/ml (DV), 10¹³² spores/ml (DW), 10¹³³ spores/ml (DX), 10¹³⁴ spores/ml (DY), 10¹³⁵ spores/ml (DZ), 10¹³⁶ spores/ml (EA), 10¹³⁷ spores/ml (EB), 10¹³⁸ spores/ml (EC), 10¹³⁹ spores/ml (ED), 10¹⁴⁰ spores/ml (EE), 10¹⁴¹ spores/ml (EF), 10¹⁴² spores/ml (EG), 10¹⁴³ spores/ml (EH), 10¹⁴⁴ spores/ml (EI), 10¹⁴⁵ spores/ml (EJ), 10¹⁴⁶ spores/ml (EK), 10¹⁴⁷ spores/ml (EL), 10¹⁴⁸ spores/ml (EM), 10¹⁴⁹ spores/ml (EN), 10¹⁵⁰ spores/ml (EO), 10¹⁵¹ spores/ml (EP), 10¹⁵² spores/ml (EQ), 10¹⁵³ spores/ml (ER), 10¹⁵⁴ spores/ml (ES), 10¹⁵⁵ spores/ml (ET), 10¹⁵⁶ spores/ml (EU), 10¹⁵⁷ spores/ml (EV), 10¹⁵⁸ spores/ml (EW), 10¹⁵⁹ spores/ml (EX), 10¹⁶⁰ spores/ml (EY), 10¹⁶¹ spores/ml (EZ), 10¹⁶² spores/ml (FA), 10¹⁶³ spores/ml (FB), 10¹⁶⁴ spores/ml (FC), 10¹⁶⁵ spores/ml (FD), 10¹⁶⁶ spores/ml (FE), 10¹⁶⁷ spores/ml (FG), 10¹⁶⁸ spores/ml (FH), 10¹⁶⁹ spores/ml (FI), 10¹⁷⁰ spores/ml (FJ), 10¹⁷¹ spores/ml (FK), 10¹⁷² spores/ml (FL), 10¹⁷³ spores/ml (FM), 10¹⁷⁴ spores/ml (FN), 10¹⁷⁵ spores/ml (FO), 10¹⁷⁶ spores/ml (FP), 10¹⁷⁷ spores/ml (FQ), 10¹⁷⁸ spores/ml (FR), 10¹⁷⁹ spores/ml (FS), 10¹⁸⁰ spores/ml (FT), 10¹⁸¹ spores/ml (FU), 10¹⁸² spores/ml (FV), 10¹⁸³ spores/ml (FW), 10¹⁸⁴ spores/ml (FX), 10¹⁸⁵ spores/ml (FY), 10¹⁸⁶ spores/ml (FZ), 10¹⁸⁷ spores/ml (GA), 10¹⁸⁸ spores/ml (GB), 10¹⁸⁹ spores/ml (GC), 10¹⁹⁰ spores/ml (GD), 10¹⁹¹ spores/ml (GE), 10¹⁹² spores/ml (GF), 10¹⁹³ spores/ml (GG), 10¹⁹⁴ spores/ml (GH), 10¹⁹⁵ spores/ml (GI), 10¹⁹⁶ spores/ml (GJ), 10¹⁹⁷ spores/ml (GK), 10¹⁹⁸ spores/ml (GL), 10¹⁹⁹ spores/ml (GM), 10²⁰⁰ spores/ml (GN), 10²⁰¹ spores/ml (GO), 10²⁰² spores/ml (GP), 10²⁰³ spores/ml (GQ), 10²⁰⁴ spores/ml (GR), 10²⁰⁵ spores/ml (GS), 10²⁰⁶ spores/ml (GT), 10²⁰⁷ spores/ml (GU), 10²⁰⁸ spores/ml (GV), 10²⁰⁹ spores/ml (GW), 10²¹⁰ spores/ml (GX), 10²¹¹ spores/ml (GY), 10²¹² spores/ml (GZ), 10²¹³ spores/ml (HA), 10²¹⁴ spores/ml (HB), 10²¹⁵ spores/ml (HC), 10²¹⁶ spores/ml (HD), 10²¹⁷ spores/ml (HE), 10²¹⁸ spores/ml (HF), 10²¹⁹ spores/ml (HG), 10²²⁰ spores/ml (HH), 10²²¹ spores/ml (HI), 10²²² spores/ml (HJ), 10²²³ spores/ml (HK), 10²²⁴ spores/ml (HL), 10²²⁵ spores/ml (HM), 10²²⁶ spores/ml (HN), 10²²⁷ spores/ml (HO), 10²²⁸ spores/ml (HP), 10²²⁹ spores/ml (HQ), 10²³⁰ spores/ml (HR), 10²³¹ spores/ml (HS), 10²³² spores/ml

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