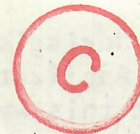


STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
Department of Natural Resources
Room 721, State Centennial Building
1313 Sherman Street
Denver, Colorado 80203



NATURAL GAS CATEGORY DETERMINATION

Date Application Filed 7-27-83 Date Complete 7-27-83 Filing No. 83-578

Applicant/Operator Name and Address:

Sun Exploration & Production Co.

ATTN: Carol D. Gibson

Box 20

Dallas, TX 75221

Well Name and Number: Lowe Arnold #2 A.P.I. #05-017-6366

Reservoir: Spergen (Grouse Field)

Location: Sec. C NWNW 26 Twp. 15S Rge. 46W Mer. 6 p.m.

County: Cheyenne

Category Determination Requested: Section 102 (2.5 mile test)

Category Determination: X Affirmative Negative*

The following information and reference materials are being submitted to FERC with this determination:

1. List of participants thus far including the applicant and all parties submitting comments on the application. See Application
2. A statement on any matter being opposed. None
3. A copy of the application and all materials required under Part 274, subpart B. A copy or description of materials as required by 274:104(a)(4), amended 8/1/79.

*In the case of a negative determination, only a copy of the determination and a copy of FERC Form 121 will be forwarded to FERC. If the applicant or any aggrieved party so requests within 15-days of a negative determination, all information referenced in 1 thru 3 will be forwarded with the determination to FERC in accordance with 274.104(b).

A jurisdictional agency determination is hereby made that the natural gas referred to above does/~~does not~~ qualify as natural gas produced from a new onshore well in accordance with the applicable provisions of the NGPA.

William R. Smith

William R. Smith, Director

Date: DEC 19 1983

274:104(a)(6) EXPLANATORY STATEMENT on reverse side.

BEST IMAGE
AVAILABLE

The Jurisdictional Agency determination was based on information contained in or added to the Application. Review by the professional staff of the Colorado Commission indicates that this well is an (New) ~~(Old)~~ well. The well produces from the Spergen

reservoir(s); and was drilled after February 19, 1977. No marker wells are located within a radius of 2.5 miles.

This conclusion was originated by examination of. plat records maintained by the Colorado Commission, completion report, statements and attachments to the application. Wells within 2.5 miles drilled after 1979.

Which show this well is a new onshore well not located within 2.5 miles of a marker well.

And meets the qualifications of a (102) well as defined in the N.G.P.A. (2.5 mile test)

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