

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

IN THE MATTER OF:

CASE 1834: Northwestern New Mexico nomenclature case.

TRANSCRIPT OF HEARING

DECEMBER 16, 1959

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
December 16, 1959

IN THE MATTER OF:

CASE 1834 Northwestern New Mexico nomenclature case
 calling for an order for the creation of new
 pools and extension of existing pools in San
 Juan, Rio Arriba and Sandoval Counties, New
 Mexico.

- (a) Create a new oil pool for Gallup produc-
tion, designated as the Totah-Gallup Oil
Pool and described as:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM

- Section 27: All
- Section 28: All
- Section 33: N/2
- Section 34: N/2

- (b) Create a new gas pool for Dakota produc-
tion, designated as the Totah-Dakota Pool
and described as:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM

- Section 27: All
- Section 28: All
- Section 33: N/2
- Section 34: N/2

- (c) Extend the Aztec-Fruitland Pool to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 29: W/2 & SE/4

- (d) Extend the Aztec-Pictured Cliffs Pool to
include:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 15: SE/4

- (e) Extend the Ballard-Pictured Cliffs Pool
to include:

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TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM
Section 32: NW/4

- (f) Extend the Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
Section 26: W/2
Section 27: W/2
Section 28: E/2

- (g) Extend the Fulcher Kutz-Pictured Cliffs Pool to include:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 6: SE/4
Section 7: N/2 & SE/4

- (h) Extend the Gavilan-Pictured Cliffs Pool to include:

TOWNSHIP 25 NORTH, RANGE 1 WEST, NMPM
Section 31: N/2

- (i) Extend the South Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 26: SW/4
Section 27: SE/4

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 27: All

- (j) Extend the Angels Peak-Gallup Oil Pool to include:

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM
Section 2: N/2 SE/4

- (k) Extend the Bisti-Lower Gallup Oil Pool to include:

TOWNSHIP 24 NORTH, RANGE 9 WEST, NMPM
Section 7: NW/4
Section 8: S/2 N/2

- (l) Extend the Horseshoe-Gallup Oil Pool to include:



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TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM :

Section 13: SW/4 SE/4 :
 Section 14: SE/4 NW/4 :
 Section 24: NW/4 NE/4 :

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM :

Section 19: NW/4 NW/4 :
 Section 27: NW/4 SW/4 :

TOWNSHIP 31 NORTH, RANGE 17 WEST, NMPM :

Section 3: NW/4 SW/4 & SE/4 SW/4 :
 Section 9: SE/4 SE/4 :
 Section 10: NW/4 NE/4 :
 Section 11: SW/4 NW/4 & SW/4 SE/4 :
 Section 13: SW/4 SE/4 :

- (m) Extend the Otero-Gallup Oil Pool to include: :

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM :

Section 25: S/2 S/2 :

- (n) Extend the Verde-Gallup Oil Pool to include: :

TOWNSHIP 30 NORTH, RANGE 15 WEST, NMPM :

Section 16: W/2 SW/4 :
 Section 21: N/2 SE/4 :

- (o) Extend the Angels Peak-Dakota Pool to include: :

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM :

Section 2: E/2 & SW/4 :

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM :

Section 2: S/2 :
 Section e: E/2 :
 Section 10: NE/4 :
 Section 16: W/2 :

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM :

Section 27: E/2 :

- (p) Extend the South Los Pinos-Dakota Pool to include: :

TOWNSHIP 31 NORTH, RANGE 7 WEST, NMPM :

Section 21: E/2 :



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(q) Extend the West Kutz-Dakota Pool to include:

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM
Section 1: All
Section 2: E/2
Section 13: W/2

BEFORE:

A. L. Porter
Murray Morgan
Gov. John Burroughs

TRANSCRIPT OF PROCEEDINGS

E. C. ARNOLD

called as a witness, having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. PAYNE:

Q Will the witness please state his name and position?

A E. C. Arnold, Supervisor of District, Oil Conservation Commission.

Q Mr. Arnold, in your official capacity with the Oil Conservation Commission have you made a study concerning the necessity or desirability for extending certain pools in San Juan, Sandoval, Rio Arriba, Counties?

A Yes, I have.

Q What are your recommendations concerning the creating of a new oil well for Gallup production?



A I recommend that a new oil well for Gallup production be created designated as Totah-Gallup Oil Pool.

MR. PORTER: How do you spell that?

A T-O-T-A-H. It means the place of many waters.

Q (By Mr. Payne) What are your recommendations for its horizontal limits?

A The Gallup formation, I recommend that the vertical limits be the Gallup formation and the horizontal limits should be as follows: Sections 27, 28, north half of Section 33, north half of section 34 and Township 29 North, Range 13 West. Discovery by Tennessee Gas Transportation No. 8 U.S.A. Glenn H. Callow, Unit 0-27-29 N-13 West. Top perforation is 5,185 feet. It will be completed September 29th, 1959, it has a potential of 506.

Q What are your recommendations on the Totah-Dakota Pool?

A I recommend that it be dismissed pending investigation.

Q Is it the idea that possibly it could be made to include other areas and that is why you want paragraph (b) dismissed?

A It should, (b) should be dismissed.

Q What are your recommendations concerning the extension of the Aztec-Fruitland Pool?

A I recommend that the Aztec-Fruitland Pool boundary in San Juan County, New Mexico should be extended as shown in

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paragraph (c) Exhibit 1 on two wells completed there.

Q What are your recommendations concerning the Aztec-Pictured Cliffs Pool?

A I recommend that the Aztec-Pictured Cliffs Pool be extended as shown in paragraph (d) Exhibit 1 on the basis of one well completed in this pool.

Q What are your recommendations concerning the extension of the Ballard-Pictured Cliffs Pool?

A I recommend that this pool should be extended as shown in paragraph (e) Exhibit 1 with one well completed in this pool.

Q What are your recommendations concerning the extension of the Blanco-Pictured Cliffs Pool?

A The Blanco-Pictured Cliffs Pool as shown in Exhibit 1 paragraph (f) should be extended on the basis of two wells completed in this pool.

Q What are your recommendations concerning the extension of the Fulcher Kutz-Pictured Cliffs Pool?

A I recommend that the Fulcher-Kutz- Pictured Cliffs Pool be extended as shown in paragraph (g) Exhibit 1 on the basis of two wells completed.

Q What are your recommendations concerning the extension of the Gavilan-Pictured Cliffs Pool?

A My recommendations concerning the Gavilan-Pictured Cliffs Pool are that it should be extended as shown in paragraph

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(h) of Exhibit 1 based on one well completed.

Q What are your recommendations concerning the extension of the South-Blanco-Pictured Cliffs Pool?

A I recommend that the South-Blanco-Pictured Cliffs Pool be extended as shown in paragraph (i) of Exhibit 1 on the basis of three wells completed in this pool.

Q What are your recommendations concerning the extension of the Angels Peak-Gallup Oil Pool?

A My recommendations concerning the Angels Peak-Gallup Oil Pool is that it be extended as shown in paragraph (j) because of one well completed.

Q What are your recommendations concerning the Bisti-Lower Gallup Oil Pool?

A My recommendations concerning the Bisti-Gallup Oil Pool are that it should be extended as shown in paragraph (k) of Exhibit 1 on the basis of three wells completed.

Q What are your recommendations concerning the extension of the Horseshoe-Gallup Oil Pool?

A I recommend that the Horseshoe-Gallup Oil Pool should be extended as shown in paragraph (l) of Exhibit 1 on the basis of twelve wells.

Q What are your recommendations concerning the extension of the Otero-Gallup Oil Pool?

A I recommend that the Otero-Gallup Oil Pool be extended as shown in paragraph (m) of Exhibit on the basis of two wells



completed in this pool.

Q What are your recommendations concerning the extension of the Verde-Gallup Oil Pool?

A I recommend that the Verde-Gallup Oil Pool be extended as shown in paragraph (n) of Exhibit 1 on the basis of three wells completed in this pool.

Q What are your recommendations concerning the extension of the Angels Peak-Dakota Pool?

A I recommend that the Angels Peak-Dakota Pool be extended as shown in paragraph (o) of Exhibit 1 on the basis of four wells completed in this well.

Q What are your recommendations concerning the extension of the South Los Pinos-Dakota Pool?

A I recommend that the South Los Pinos-Dakota Pool be extended as shown in paragraph (p) of Exhibit 1 on the basis of one well completed in this pool.

Q What are your recommendations concerning the extension of the West Kutz-Dakota Pool?

A I recommend that the West Kutz-Dakota Pool be extended as shown in paragraph (q) of Exhibit 1 on the basis of three wells completed in this pool.

Q Mr. Arnold, have you prepared an exhibit substantiating your recommendations?

A Yes, I have marked it Exhibit 1, Case 1834.

MR. PAYNE: I move for the introduction of Exhibit 1

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in Case 1834 and further move that paragraph (b) of this Case be dismissed.

MR. PORTER: Paragraph (b), the creation of (b) designated as Totah?

MR. PAYNE: I move that that paragraph be dismissed.

MR. PORTER: The Commission will dismiss paragraph (b) in this Case. Anyone have any objection to the admission of the Exhibits? The Exhibits will be admitted? Any questions of the witness? The witness will be excused.

(Witness excused.)

If there is nothing further, we will take the case under advisement.

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I, ARAM SERVERIAN, Court Reporter, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in Stenotype and reduced to typewritten transcript by me, and that the same is a true and correct record to the best of my knowledge, skill and ability.


COURT REPORTER

