

BEFORE THE
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO
APRIL 13, 1960

IN THE MATTER OF:

CASE 1939 Northwestern New Mexico nomenclature case calling:
for an order creating new pools and extending
existing pools in San Juan and Rio Arriba Counties:
New Mexico.

- (a) Create a new pool classified as an oil pool,
designated as the Chiquito-Gallup Oil Pool
and described as:

TOWNSHIP 26 NORTH, RANGE 1 EAST, NMPM.
SECTION 5: NE/4

- (b) Extend the Pine Lake-Pictured Cliffs Pool to
include:

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
SECTION 30: All (partial)

- (c) Extend the Tapacito-Pictured Cliffs Pool to
include:

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
SECTION 12: SW/4
SECTION 13: NW/4

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

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
SECTION 9: SE/4

- (e) Extend the Blanco-Mesaverde Pool to include:

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM
SECTION 26: W/2

- (f) Extend the Angels Peak-Gallup Oil Pool to in-
clude:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM :
 SECTION 19: SE/4 :
 SECTION 29: NW/4 :
 SECTION 30: NE/4 :

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

TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM :
 SECTION 10: S/2 SW/4 :

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM :
 SECTION 27: SE/4 NW/4, NE/4 SW/4, & SE/4: :

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

TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM :
 SECTION 30: S/2 SE/4 :
 SECTION 31: NE/4 NE/4 :

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

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM :
 SECTION 6: W/2 :
 SECTION 7: W/2 :

TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM :
 SECTION 1: All :

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM :
 SECTION 19: E/2 :
 SECTION 20: All :

- (j) Extend the South Blanco-Dakota Pool to include: :

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPM :
 SECTION 19: W/2 :
 SECTION 27: S/2 :

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM :
 SECTION 24: S/2 :

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

Q Mr. Arnold, in your official capacity for the Commission, have you made a study concerning the necessity or desirability for creating new pools and extending existing pools of San Juan and Rio Arriba Counties, New Mexico?

A Yes, I have.

Q What are your recommendations concerning the creation of a new pool for Gallup production?

A I recommend a new pool in Rio Arriba County, New Mexico be created and designated as a Puerto Chiquito-Gallup Oil Pool.

Q You have added the Puerto since the docket was printed?

A Yes. I added this Puerto at the request of the Intex Oil Company who drilled a discovery well in this pool. I recommend that the horizontal limits of this pool be Township 26 North, Range 1 East, Section 5: NE/4. Discovery well in this pool was the Intex Oil Company #1 USL Alto, Unit B-5-26 North, 1 East. Total depth, 1958 feet. Top perforation 1785.

Q What do you recommend for the vertical limit?

A I recommend the vertical limit at the present time be the Gallup formation.

Q Is this well in the Mancos shale?

A This well is in a fractured section of the Mancos shale; actually, it corresponds to the Gallup section of the Mancos Shelf.

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

A I recommend that the Pine Lake-Pictured Cliffs Pool be extended as shown in Paragraph (b), Exhibit 1, on the basis of one well completed in this pool.

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

A I recommend that this Pool be extended as shown in Paragraph (c), Exhibit 1, on the basis of one well which has been completed in this Pool.

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

A I recommend the West Kutz-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 Blanco-Mesaverde Pool?

A I recommend the Blanco-Mesaverde Pool be extended as shown in Paragraph (e), Exhibit 1, on the basis of one well completed in this Pool.

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

A I recommend that this Pool be extended as shown in Paragraph (f), on the basis of one well completed in this Pool.

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

A I recommend the Horseshoe-Gallup Oil Pool be extended as

shown in Paragraph (g), Exhibit 1, on the basis of six wells which have been 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 (h), Exhibit 1, on the basis of one well, which has been completed in this Pool.

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

A I recommend the Angels Peak-Dakota Pool be extended as shown in Paragraph (i), Exhibit 1, on the basis of three wells completed in this Pool.

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

A I recommend the South Blanco-Dakota Pool be extended as shown in Paragraph (j), Exhibit 1, on the basis of two wells completed in this pool.

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

A I recommend the West Kutz-Dakota Pool be extended as shown in Paragraph (k), Exhibit 1, on the basis of five wells completed in this Pool.

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

A Yes. I have marked the Exhibit No. 1, Case 1939.

