

CASE 1632: Humble Oil & Rfg. Co. applica-
tion to make a slim hole completion for its
State M Well #14, 31-22S-37E.

Case No.

1632

Application, Transcript,
Small Exhibits, Etc.

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. 1632
Order No. R-1375

THE APPLICATION OF HUMBLE OIL &
REFINING COMPANY FOR PERMISSION
TO UTILIZE THE "SLIM HOLE" METHOD
OF COMPLETION FOR A WELL IN THE
EUMONT GAS POOL, LEA COUNTY, NEW
MEXICO, USING 2-7/8 INCH O. D.
TUBING AS A SUBSTITUTE FOR CASING
IN EXCEPTION TO RULE 107 OF THE
COMMISSION RULES AND REGULATIONS.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on April 15, 1959, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 27th day of April, 1959, the Commission, a quorum being present, having considered the application and the evidence adduced 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, Humble Oil & Refining Company, proposes to utilize the "slim hole" method of completion for its State "M" Well No. 14 to be drilled to an approximate total depth of 4100 feet and to be located 1980 feet from the North line and 680 feet from the East line of Section 31, Township 22 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, using 2-7/8 inch O. D. tubing as a substitute for casing in exception to Rule 107 of the Commission Rules and Regulations.

(3) That the applicant anticipates that the proposed "slim hole" completion method for said State "M" Well No. 14 will result in a considerable economic saving.

(4) That it does not appear that utilizing the "slim hole" method of completion for said State "M" Well No. 14 will cause waste or impair correlative rights.

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Case No. 1632
Order No. R-1375

(5) That the application should be granted.

IT IS THEREFORE ORDERED:

That Humble Oil & Refining Company be and the same is hereby authorized to utilize the "slim hole" method of completion for its State "M" Well No. 14, to be located 1980 feet from the North line and 680 feet from the East line of Section 31, Township 22 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, using 2-7/8 inch O.D. tubing as a substitute for casing.

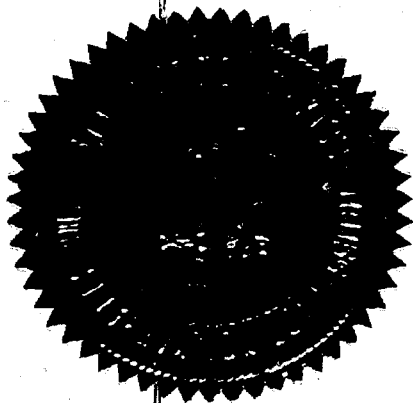
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

John Burroughs
JOHN BURROUGHS, Chairman

Murray E. Morgan
MURRAY E. MORGAN, Member

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



ir/

DOCKET: REGULAR HEARING APRIL 15, 1959

Oil Conservation Commission 9 a.m., Hobbs Auditorium, 1300 East Scharbauer

HOBBS, NEW MEXICO

- ALLOWABLE: (1) Consideration of the oil allowable for May, 1959.
- (2) Consideration of the allowable production of gas for May 1959 from six prorated pools in Lea County, New Mexico; also consideration of the allowable production of gas from seven prorated pools in San Juan and Rio Arriba Counties, New Mexico, for May 1959.

CONTINUED CASES

CASE 1573: Application of Southwestern, Inc. Oil Well Servicing for permission to make a "slim hole" completion. Applicant, in the above-styled cause, seeks an order authorizing it to utilize the "slim hole" method of completion for a well located in the SE/4 NW/4 Section 32, Township 16 South, Range 30 East, Square Lake Pool, Eddy County, New Mexico. Applicant proposes to utilize 2½ inch tubing as a substitute for casing in the above-described well in exception to Rule 107.

CASE 1600: In the matter of the application of M. A. Romero and Robert Critchfield concerning the operation of gas prorationing in the Blanco Mesaverde Gas Pool and the ratable taking of gas from said Blanco Mesaverde Gas Pool in Rio Arriba and San Juan Counties, New Mexico, as well as from the Choza Mesa-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico.

CASE 1526: Northwestern New Mexico nomenclature case calling for an order for the extension of an existing pool in San Juan County, New Mexico.

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

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

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM
Section 35: SW/4

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 27: W/2
Section 28: E/2

CASE 1618: Southeastern New Mexico nomenclature case calling for an order creating a new pool in Lea County, New Mexico:

- (e) Create a new oil pool for Devonian production, designated as the Crosby-Devonian Oil Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 21: SW/4

NEW CASES

- CASE 1631: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider changing the date of the Regular Commission Hearing in June 1959 from the 17th to the 9th.
- CASE 1632: Application of Humble Oil & Refining Company for permission to make a "slim hole" completion. Applicant, in the above-styled cause, seeks an order authorizing it to utilize the "slim hole" method of completion for its State "M" Well No. 14 to be located 1980 feet from the North line and 660 feet from the East line of Section 31, Township 22 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico. Applicant proposes to utilize 2-7/8 inch tubing as a substitute for casing in the above-described well in exception to Rule 107.
- CASE 1633: Application of Humble Oil & Refining Company for permission to make a "slim hole" completion. Applicant, in the above-styled cause, seeks an order authorizing it to utilize the "slim hole" method of completion for its State "G" Well No. 19, to be located 580 feet from the South line and 1980 feet from the East line of Section 23, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico. Applicant proposes to utilize 2-7/8 inch tubing as a substitute for casing in the above-described well in exception to Rule 107.
- CASE 1634: Application of The Pure Oil Company for an order promulgating temporary special rules and regulations for the South Vacuum-Devonian Pool in Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating temporary special rules and regulations for the South Vacuum-Devonian Pool in Lea County, New Mexico, to provide for 80-acre pro-rata units and well location requirements. Applicant further seeks permission to shut-in its South Vacuum Unit Well No. 3-35 located in the NE/4 NW/4 of Section 35, Township 18 South, Range 35 East, Lea County, New Mexico, and transfer the allowable to its South Vacuum Unit Well No. 1-35 located in the SW/4 NE/4 of said Section 35.
- CASE 1635: Application of Mapenza Oil Company for an exception to the requirements of Order No. R-1224-A. Applicant, in the above-styled cause, seeks an order authorizing an exception to the salt water disposal requirements of Order No. R-1224-A for its State No. 1-A Well, located in the SE/4 SE/4 of Section 14, Township 18 South, Range 37 East, Hobbs Pool, Lea County, New Mexico.
- CASE 1636: Application of The Atlantic Refining Company for an amendment of Rule 115 of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order amending Rule 115 of the Commission Rules and Regulations insofar as said rule is related to required pressure rating of wellhead equipment.

CASE 1637: Application of The Atlantic Refining Company for an order combining the Allison-Pennsylvanian and the North Allison-Pennsylvanian Pools in Lea and Roosevelt Counties, New Mexico, and for the promulgation of special rules and regulations therefor. Applicant, in the above-styled cause, seeks an order combining the Allison-Pennsylvanian and the North Allison-Pennsylvanian Pools in Lea and Roosevelt Counties, New Mexico, and providing for the establishment of 80-acre proration units in said combined pool.

CASE 1638: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the establishment of a procedure whereby amendments to unit agreements may be approved administratively.

CASE 1522: Application of General Petroleum, Inc., for an amendment to Order No. R-1299. Applicant, in the above-styled cause, seeks an order amending Order No. R-1299 to provide that any merchantable oil recovered from sediment oil shall not be charged against the allowable for wells on the originating lease, which amendment would revise Rule 311.

CASE 1639: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending existing pools in Lea and Eddy Counties, New Mexico:

(a) Create a new oil pool for Tansil production, designated as the Custer-Tansill Oil Pool, and described as:

TOWNSHIP 25 SOUTH, RANGE 36 EAST, NMPM
Section 7: NW/4

(b) Create a new oil pool for Pennsylvanian production, designated as the East Hightower-Pennsylvanian Oil Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 30: NE/4

(c) Create a new oil pool for Delaware production, designated as the Querecho Plains-Delaware Oil Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
Section 25: NW/4

(d) Create a new oil pool for Abo production, designated as the West Warren-Abo Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

(e) Create a new oil pool for Connell production, designated as the Warren-Connell Oil Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

- (f) Extend the Atoka Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 13: E/2 NE/4

- (g) Extend the Bishop Canyon-San Andres Pool to include:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 10: N/2
Section 11: NW/4

- (h) Extend the Crosby-Devonian Gas Pool to include:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 4: NE/4

- (i) Extend the Culwin Pool to include:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

- (j) Extend the Drinkard Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 17: SW/4

- (k) Extend the Eumont Gas Pool to include:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 23: N/2
Section 24: SE/4 & N/2

- (l) Extend the Justis Gas Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
Section 13: SE/4

- (m) Extend the Langlie-Mattix Pool to include:

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
Section 4: NE/4

- (n) Extend the Wilson Pool to include:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 19: E/2
Section 20: SW/4

CASE 1640: Northwestern New Mexico nomenclature case calling for an order changing the designation of a pool and extending existing pools in San Juan and Rio Arriba Counties, New Mexico:

- (a) Change the designation of the Otero-Graneros Dakota Pool in Rio Arriba County, New Mexico, to the Otero-Dakota pool.

- (b) Extend the Tapacito-Pictured Cliffs Pool to include:
TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
Section 29: E/2
- (c) Extend the Blanco-Mesaverde Pool to include:
TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
Section 25: S/2
- (d) Extend the Angels Peak-Gallup Oil Pool to include:
TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM
Section 6: SW/4
Section 7: NW/4
TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM
Section 1: All
Section 2: NE/4
TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM
Section 28: SW/4
Section 29: S/2
Section 32: All
Section 33: W/2
- (e) Extend the Bisti-Lower Gallup Oil Pool to include:
TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 2: SW/4
TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
Section 19: S/2 S/2
- (f) Extend the Horseshoe-Gallup Oil Pool to include:
TOWNSHIP 30 NORTH, RANGE 16 WEST, NMPM
Section 2: W/2 SW/4
TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM
Section 19: SW/4 & S/2 SE/4
Section 29: NW/4
- (g) Extend the Verde-Gallup Oil Pool to include:
TOWNSHIP 31 NORTH, RANGE 14 WEST, NMPM
Section 16: SW/4 NW/4
Section 17: E/2
Section 20: E/2
- (h) Extend the Angels Peak-Dakota Pool to include:
TOWNSHIP 26 NORTH, RANGE 10 WEST, NMPM
Section 3: N/2
TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM
Section 6: E/2 Section 9: W/2
TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 22: W/2

OIL CONSERVATION COMMISSION

P. O. BOX 871
SANTA FE, NEW MEXICO

April 27, 1959

Mr. Clarence Hinkle
Hervey, Dow & Hinkle
P.O. Box 547
Roswell, New Mexico

Dear Mr. Hinkle:

On behalf of your clients, Humble Oil & Refining Company and Southwestern, Inc. Oil Well Servicing, we enclose two copies of each of the following orders issued April 27, 1959, by the Oil Conservation Commission:

Order R-1375 in Case 1632
Order R-1376 in Case 1633
Order R-1379 in Case 1573.

These cases were consolidated and heard on April 15th at Hobbs.

Very truly yours,

A. L. Porter, Jr.
Secretary - Director

bp
Encls.

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May 27, 1959

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Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Ida Rodriguez

Dear Ida:

Thank you for sending the transcript of March 25th on case 1573. We need this as well as the transcript taken on April 15th and 16th in Hobbs. We would appreciate your forwarding this at your convenience.

Very truly yours,

DEARNLEY-MEIER REPORTING SERVICE, INC.

By

Marianna
Marianna D. Meier

MM:s

*Transcript Mailed for
Case Nos. 1573, 1632, 1633
May 28, 1959*

Jh.

Our Experience Assures Superior Service

Case 1132

BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

April 1959

APPLICATION OF HUMBLE OIL &
REFINING COMPANY FOR PERMISSION
TO MAKE A "SLIM HOLE" COMPLETION
WITH 2-7/8" O. D. CASING AND FOR
AN EXCEPTION TO RULE 107(d) OF THE
RULES OF THE NEW MEXICO OIL
CONSERVATION COMMISSION

To New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Comes the undersigned, Humble Oil & Refining Company, and hereby makes application for an order permitting a "slim hole" completion with 2-7/8" O. D. Casing and an exception to Rule 107(d) of the New Mexico Oil Conservation Commission with respect to a well to be drilled by applicant designated as Humble's New Mexico State M well No. 14 located 1980' FNL and 660' FEL of Section 31, Township 22 South, Range 37 East, N.M.P.M. in the Eumont Pool and in support thereof respectfully shows:

1. That there is attached hereto, made a part hereof and for purposes of identification marked Exhibit "A", a copy of the Notice of Intention to Drill on Form C-101, filed for approval, and that there is attached thereto a well location and acreage designation plat.
2. That as will more particularly appear by the Notice of Intention to Drill attached hereto as Exhibit "A" applicant proposes to drill said well for completion in the Queen Sand at an approximate depth of 4100' and to run and cement approximately 300' of 7-5/8" surface casing and approximately 4100' of 2-7/8" casing, thus effecting a slim hole completion. The 4100' string of 2-7/8" casing would be cemented by circulating cement to at least 2700' from the surface.
3. "Slim hole" completions in the manner indicated above

*Docket mailed
4-3-59
BP*

have been demonstrated in a number of areas to be successful and satisfactory and such completions can be made at considerably less cost than so called standard or conventional completions. It is believed that such completions are necessary due to economic conditions and that wells so completed can be operated successfully and that any given pool or reservoir can be as efficiently and effectively produced and drained by wells completed in such manner as by wells completed according to standard or conventional practices and that it is in the interest of conservation and the prevention of waste that an exception be made in the rules of the New Mexico Oil Conservation Commission to permit "slim hole" completions.

Respectfully submitted,

HUMBLE OIL & REFINING COMPANY

By 

HERVEY, DOW & HINKLE

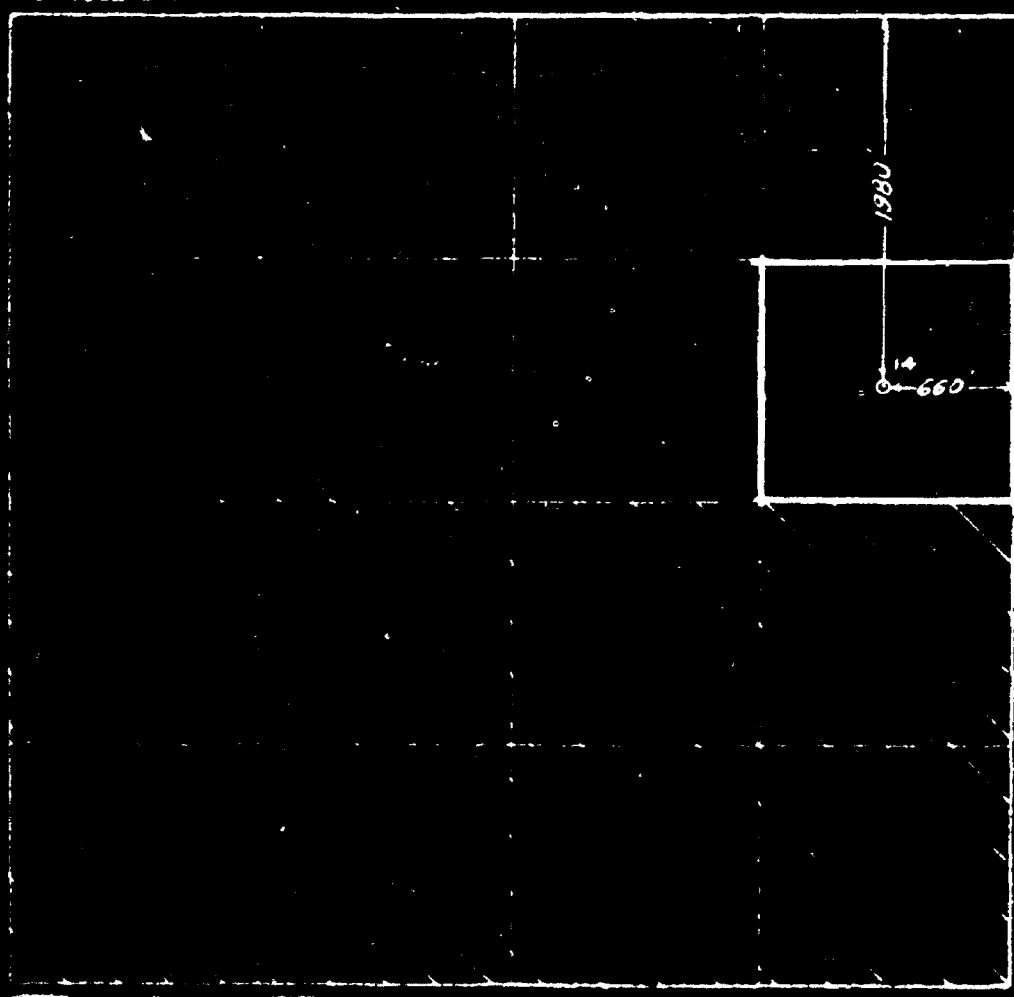
By 

Roswell, New Mexico
Attorneys for applicant

1. Is the operation of the land being consolidated by communication agreement or otherwise?
 Yes ☐ No ☐

2. If the answer to question one is "yes," Type of Consolidation _____
 If the answer to question two is "no," list all the parties who have agreed to the consolidation below:

<u>Owner</u>	<u>Land Description</u>



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

HUMBLE OIL & REFG CO.
 (Operator)
James E. Henderson
 (Representative)
 Assistant Division Supt.
 501 West 10th Street, Midland, Texas
 Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed 11-28-59
H. L. [Signature]
 Registered Professional Engineer and/or Land Surveyor.

Survey No. 1382
 37721 2433

ILLEGIBLY