

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

August 30, 1962

Continental Oil Company
P. O. Box 3312
Durango, Colorado

Attention: Mr. H. D. Haley

Re: Case No. 2160
Order No. R-1869

Gentlemen:

Commission Order No. R-1869 granted approval to complete your Haynes Apache Well No. 9-1 as a quadruple completion in the Greenhorn, Dakota, Mesaverde and Gallup formations. Inasmuch as there is no deviation from the provisions of said order other than the Greenhorn formation being proven non-commercial, you are hereby granted approval to utilize the string of 2-7/8 inch casing to test and produce the Mesaverde zone as requested in your application dated August 24, 1962.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Oil Conservation Commission - Aztec

CONTINENTAL OIL COMPANY

P. O. Box 3312
Durango, Colorado
August 24, 1962

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

Attn: A. L. Porter, Jr., Secretary & Director

Gentlemen:

Attached is an "Application for Triple Completion" of Northeast Haynes Apache Well 9 No. 1 plus a diagrammatic sketch of the triple completion.

Northeast Haynes Apache Well 9 No. 1 was previously approved as a quadruple completion in the Greenhorn, Dakota, Mesa Verde, and Gallup formations by Commission Order No. R-1869 dated January 25, 1961. This order provided for the production of the Greenhorn formation through the string of 2 7/8-inch casing, production of the Dakota formation through 2 3/8-inch tubing installed within a string of 4 1/2-inch casing, production of the Mesa Verde formation through the 2 3/8 x 4 1/2-inch annulus of the latter casing string, and the production of the Gallup formation through 2 3/8-inch tubing installed within a second string of 4 1/2-inch casing. The well was completed in the prescribed manner with the exception that the Mesa Verde formation was never opened for production.

Production tests on the Greenhorn have proved this formation to be non-commercial. Therefore, we are requesting approval to utilize the string of 2 7/8-inch casing to test and produce the Mesa Verde gas reserves instead of the 2 3/8-inch x 4 1/2-inch annulus as specified in Order No. R-1869.

The proposed completion will be accomplished by setting a bridge plug to isolate the Greenhorn formation and perforating the 2 7/8-inch casing opposite the Mesa Verde formation by the orientation method. The perforated interval will be sand-water fraced.

Yours very truly,

H. D. Haley
H. D. Haley
District Superintendent
Durango District
Production Department

SH/cb

cc: NMDC, Aztec, New Mexico
Gulf Oil Company, Petroleum Building, Roswell, New Mexico
Southern Union Oil Company, Burt Building, Dallas, Texas
Skelly Oil Company, P. O. Box 4083, Station A, Albuquerque, New Mexico
El Paso Natural Gas Products Co., P. O. Box 977, Farmington, New Mexico
Mr. R. E. White, Continental Oil Company, Denver, Colorado
Mr. E. A. Austin, Continental Oil Company, Denver, Colorado

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

TRIPLE

APPLICATION FOR ~~DUAL~~ COMPLETION OFFICE OCC

Field Name Basin Dakota		County Rio Arriba		Date 8-24-62
Operator Continental Oil Company		Lease Northeast Haynes Apache		Well No. 9-1
Location of Well	Unit K	Section 9	Township 24N	Range 5W

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X

2. If answer is yes, identify one such instance: Order No. _____; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Upper Zone	Lower Zone	Lower Zone	Deepest Zone
a. Name of reservoir	Mesa Verde		Gallup		Dakota
b. Top and Bottom of Pay Section (Perforations)	4526' - 4536'		5760' - 5818' (Present)		6726' - 6748' (Present)
c. Type of production (Oil or Gas)	(Proposed) Gas		Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Pumping		Flowing

4. The following are attached. (Please mark YES or NO)

- Yes a. Diagrammatic Sketch of the ~~Dual~~ ^{Triple} Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- *No b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- No c. Waivers consenting to such dual completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
- No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

1. Gulf Oil Company - Petroleum Building, Roswell, New Mexico
2. Southern Union Oil Company - Burt Building, Dallas, Texas
3. Skelly Oil Company - P. O. Box 4083, Station A, Albuquerque, New Mexico
4. El Paso Natural Gas Products Co. - P. O. Box 977, Farmington, New Mexico

* Furnished with previous application dated 7-5-60.

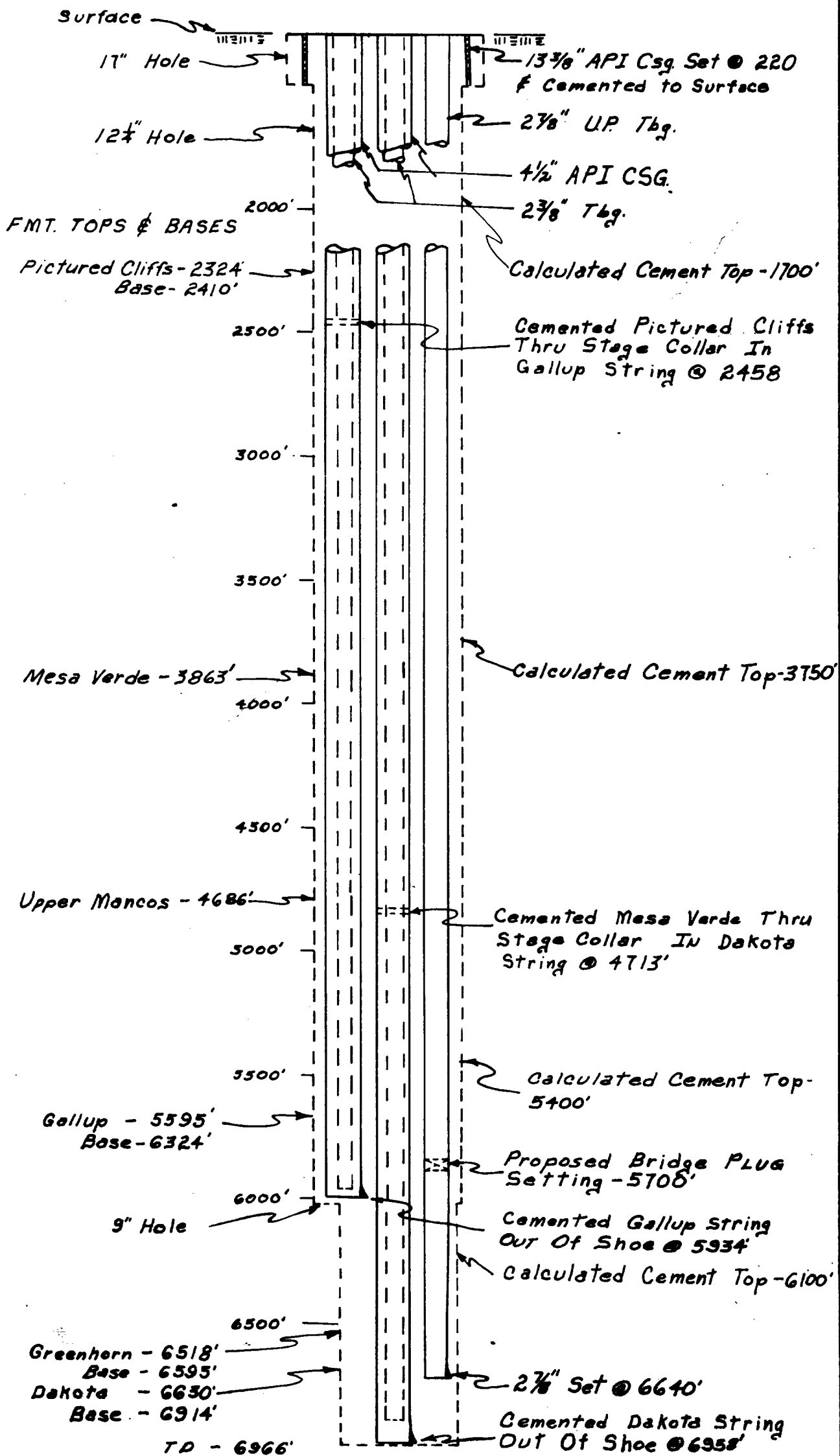
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification August 24, 1962.

CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Continental Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

[Signature]
Signature

* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



SCHEMATIC DIAGRAM
 CONTINENTAL OIL COMPANY
 TRIPLE COMPLETION
 MESA VERDE - GALLUP - DAKOTA
 NORTHEAST HAYNES WELL NO. 1

NOT TO SCALE