Case 2158

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Nov. 25, 1960

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

Gentlemen:

Enclosed in triplicate is the application of Continental Oil Company for an order amending Order No. R-1735 entered in Case No. 2019, copies of which have been forwarded to all offset operators.

When this application has been set for hearing would you please advise me?

Yours very truly,

Jason W. Kellahin

Jason W. Kellahin

JWK:ss
cc: Mr. W. M. Griffith

Docket Mailed 12-27-60

Case 2150

APPLICATION TO AMEND ORDER NO. R-1735

In order No. R-1735 of Case No. 2019 there was a finding by the Oil Conservation Commission of the State of New Mexico that Continental Oil Company is the owner and operator of the Northeast Haynes-Apache 9 No. 1 Well located in the $NW\frac{1}{4}SW\frac{1}{4}$ of Section 9, Township 24 North, Range 5 West, N.M.P.M., Rio Arriba County, New Mexico.

In said order Continental Oil Company was authorized to triple complete its Northeast Haynes-Apache 9 No. 1 Well in such a manner as to permit the production of hydrocarbons from the Mesa Verde Formation, the Gallup Formation and the Dakota Formation through parallel strings of 2 7/8 inch, 4 1/2 inch and 4 1/2 inch casing respectively. Continental would now like to have Order No. R-1735 amended to permit (1) the production of hydrocarbons from the Greenhorn Formation through the 2 7/8 inch casing and extend said casing to a depth of 6,640 feet; (2) the production of hydrocarbons from the Dakota Formation and from the Mesa Verde Formation (point lookout) through the 4 1/2 inch casing cemented at the base of the Dakota by the use of a 2 3/8 inch tubing, as indicated in the enclosed diagram. It is anticipated that the hydrocarbons from the Dakota Formation will be produced through the 2 3/8 tubing and that the production of hydrocarbons from the point lookout will be through the annulus between the tubing and 4 1/2 inch casing.

A schematic drawing showing the proposed completion and additional information concerning drill stem tests are included with this application. A copy of this application has

been forwarded to the following offset operators:

Gulf Oil Company
P. O. Box 1589
Durango, Colorado

Southern Union Company
Burt Building
Dallas, Texas

Skelly Oil Company
P. O. Box 4083 - Station A
Albuquerque, New Mexico

El Paso Natural Gas Products Company
P. O. Box 977
Farmington, New Mexico.

C E R T I F I C A T E

We, the undersigned, state that we are attorneys for Continental Oil Company and that we are authorized by said company to make this report, and that this report was prepared under our supervision and direction and that the facts stated therein are true, correct and complete to the best of our knowledge.

William M. Griffith

Jason W. Kellahin
Jason Kellahin

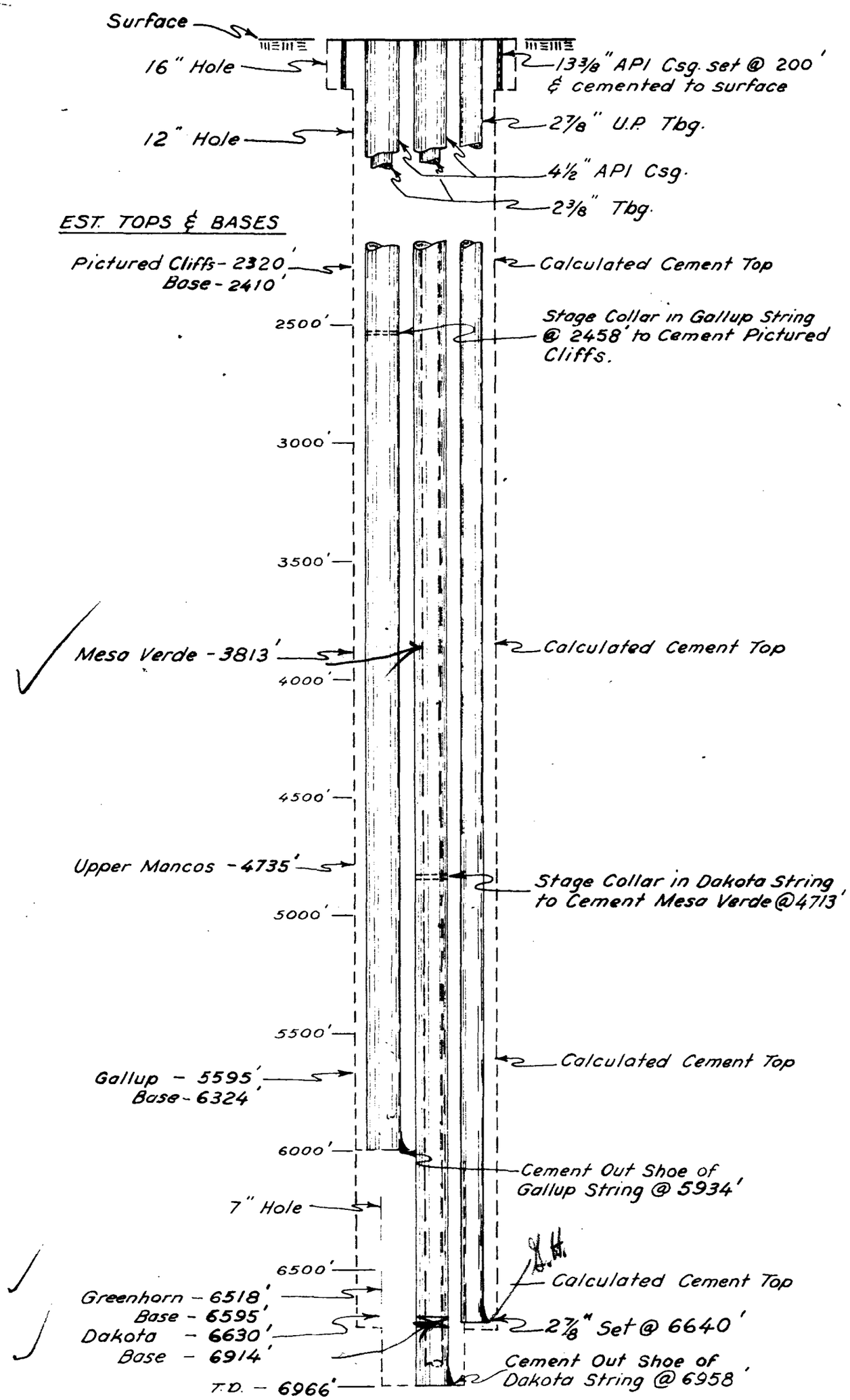
Northeast Haynes-Apache 9 No. 1

DST #2 4496' to 4615' Lower Mesaverde (Point Lookout)
SI 1 hr., open 1 hr., SI 1 hr., fair blow increasing throughout test. Rec. 330' of highly gas cut mud. IHP 2387, ISIP 1893, IFP 170, FFP 257, FSIP 1743, FHP 2387.

DST #5 6522' to 6600' Greenhorn
SI 1 hr., open 1 hr., SI 1 hr., good blow, increasing throughout test, gas to surface in 17 min., 4.2 MCF after 30 min., 7.4 MCF after 1 hr., rec. 35' dark green high gravity crude, 135' oil and gas cut mud.

Greenhorn Formation

A series of interbedded fractured marine limestone and limey shale. This formation is considered as having a common source of supply separate from that of the Dakota, due to its environment of deposition. The Greenhorn is isolated from zones above and below by impermeable shale.



CONTINENTAL OIL COMPANY

PROPOSED CASING AND CEMENTING PROGRAM
FOR TRIPLE COMPLETING A WELL

NORTHEAST HAYNES - APACHE 9 No. 1

NOT TO SCALE