

*Entered September 10, 1969*  
*D.S.*

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. 4215  
Order No. R-3839

APPLICATION OF STANDARD OIL COMPANY  
OF TEXAS TO DIRECTIONALLY DRILL, EDDY  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 10, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 12th day of September, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Standard Oil Company of Texas, is the owner and operator of the Smith Federal Well No. 1, a wildcat well located 1650 feet from the South line and 1650 feet from the East line of Section 34, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico.

(3) That the subject well was originally drilled to a total depth of 7845 feet into the Cisco-Canyon formation where, due to mechanical difficulties, the well has produced an excessive amount of water.

(4) That the applicant now seeks approval for the plugging of said well back to approximately 5500 feet, setting a whipstock at said depth and directionally drilling to a true vertical depth

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of approximately 7750 feet to bottom said well in the Cisco-Canyon formation at a point approximately 200 feet east of the present bottom-hole location.

(5) That the applicant proposes to determine the present bottom-hole location of the subject well by means of a continuous multi-shot directional survey conducted prior to said directional drilling.

(6) That approval of the subject application will prevent the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Standard Oil Company of Texas, is hereby authorized to plug back its Smith Federal Well No. 1, located 1650 feet from the South line and 1650 feet from the East line of Section 34, Township 20 South, Range 24 East, NMPM, Eddy County, New Mexico, to approximately 5500 feet, set a whipstock at said depth and to directionally drill in an easterly direction to bottom said well in the Cisco-Canyon formation at a true vertical depth of approximately 7750 feet at a point within a radius of 50 feet of a point 200 feet east of the present bottom-hole location;

PROVIDED HOWEVER, that prior to commencing the aforesaid operations, a continuous multi-shot directional survey shall be made of the well bore with shot points not more than 100 feet apart in order to determine the present bottom-hole location; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Commission, Box 2088, Santa Fe, New Mexico; and that the operator shall notify the Commission's Artesia District Office of the date and time said survey is to be commenced.

(2) That subsequent to the above-described directional drilling, a continuous multi-shot directional survey shall be made of the well bore from total depth to the whipstock point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Commission, Box 2088, Santa Fe, New Mexico, and that the operator shall notify

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the Commission's Artesia District Office of the date and time said survey is to be commenced.

(3) That Form C-105 shall be filed in accordance with Commission Rule 1108 and the operator shall indicate thereon true vertical depths in addition to measured depths.

(4) That Unit J of said Section 34 shall be dedicated to the subject well if the well bottoms in Unit J.

(5) That Unit I of said Section 34 shall be dedicated to the subject well if the well bottoms in Unit I.

(6) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
DAVID F. CARGO, Chairman

  
ALEX J. ARMILLO, Member

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

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