

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

752-212

March 24, 1960

April 14, 1960
Docket
Mailed
5-19-60

Mountain States Petroleum Corporation
P. O. Box 1362
Tulsa, Oklahoma

Attention: Mr. F. J. Ray

Re: Unorthodox location in N/2
of Section 31, Township 26
North, Range 2 West, Rio
Arriba County, New Mexico

Gentlemen:

Your request for the subject unorthodox location does not state whether or not you notified offset operators of your application. If you did, please advise us accordingly. If you did not, please do so and advise us to this effect.

We also need a footage description of the proposed location of the subject well.

Very truly yours,

OLIVER E. PAYNE
General Counsel

OEP/og

C
O
P
Y

Mountain States Petroleum Corp.

P. O. Box 1362

TULSA, OKLAHOMA

Telephone: Diamond 3-9574

ALBERT J. BLAIR, JR.
President

FLOYD J. RAY
Vice-President

March 15, 1960

due April 14
Albuquerque, New Mexico Office

Telephone: Alpine 5-8038

Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

Due to circumstances beyond our control, we request permission to drill at an unorthodox location in the N/2 of Section 31-26N-2W, Rio Arriba County, New Mexico. This well is to be completed in the Pictured Cliffs formation at an estimated total depth of 4000 feet. We also request that the 183 acres in Section 31 be dedicated to the well.

Section 31 is a very narrow section, due to irregularity in the Public Land Survey, being only 1501.5 feet wide at the North end and 1525.26 feet wide at the South end. The terrain is very rough in the area; however, we will locate the well as near the center between East and West section lines as possible.

Plats of the area are attached.

Very truly yours,

FJ Ray
F. J. Ray

*Done
1954*

*NSL-212
(waiting period)*

HONOLULU OIL CORPORATION

P. O. DRAWER 1391
MIDLAND, TEXAS

May 9, 1960

New Mexico Oil Conservation Commission
107 Mabry Hall
Capitol Building
Santa Fe, New Mexico

Gentlemen:

We have been asked by the Mountain States Petroleum Corporation to forego any objections pertaining to the location of a test they propose to drill in Lot 1 of Section 31 (fractional), T-26-N, R-2-W, NMPM. Such location has been indicated to be, according to a plat which they have provided us, 750 feet from the west line and 1,050 feet from the north line of the section. This company has no objection to the proposed location.

Yours very truly,

HONOLULU OIL CORPORATION



W. T. Schneider
Resident Manager and
Manager of Exploration
Mid-Continent Division

Handwritten:
Hochstetler
mailed
5-14-60

WTS:dm

cc: G. B. Evans
Neal Harr
George Hoy
Mountain States Petroleum Corp., Tulsa, Oklahoma
Mr. F. J. Ray, Farmington, New Mexico

HUMBLE OIL & REFINING COMPANY

POST OFFICE BOX 2180

HOUSTON 1, TEXAS**April 25, 1960***Case 7984**W. H. H. H.*

New Mexico Oil Conservation Commission
State Capitol Building
Santa Fe, New Mexico

Gentlemen:

Humble Oil & Refining Company has been informed by the Mountain States Petroleum Corporation that it proposes to drill a well to a depth sufficient to test the Pictured Cliffs Formation on Lot 1 in Section 31, T. 26N, R. 2W, N.M.P.M. Survey, Rio Arriba County, New Mexico.

In compliance with a request for waiver, Humble Oil & Refining Company waives notice of hearing and protest of this application.

Yours very truly,

(AS)

S. F. Holmesly
S. F. Holmesly

cc - Mountain States Petroleum Corp.
P. O. Box 1362
Tulsa, Oklahoma
Attention Mr. Albert J. Blair, Jr.

*Rechecked
Mailed
5-19-60*

GILCREASE OIL COMPANY

POST OFFICE BOX 2708

SAN ANTONIO 6, TEXAS

CABLE ADDRESS G. O. C.

April 29, 1960

Waiver

New Mexico Oil Conservation Commission
Santa Fe, New Mexico

In re: Mountain States Petroleum
Corporation's Proposed Pictured
Cliffs Location in Lot 1, Section
31, T26N, R2W, NMPM, Rio
Arriba County, New Mexico.

Gentlemen:

Reference is made to proposed location of Mountain States
Petroleum Corporation as described in the caption hereof.

We understand that this location is an irregular location
under the rules of the New Mexico Oil Conservation Commission.
As an offset operator to said proposed location, this letter will evi-
dence our assent to the drilling by Mountain States Petroleum Corp-
oration of said test well at said irregular location.

Very truly yours,

GILCREASE OIL COMPANY

Robert Hausser
Robert Hausser
Manager, Land Department

RH:bcm

GOC

AIRMAIL

cc: Mountain States Petroleum Corporation

Robert Hausser
5-19-60

Case 1484

OSCAR ABRAHAM

NSC 212 Case 1987

OIL AND GAS PRODUCER
224-1ST NATIONAL BANK BLDG.
ALBUQUERQUE, NEW MEXICO
CHAPEL 23834

April 13, 1960

Winter

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

Re: Mountain States Petroleum Corp.
Proposed Pictured Cliff Location
Lot 1, Section 31, T 26 N, R 2 W,
NMPM, Rio Arriba County, New
Mexico.

Gentlemen:

Please be advised that the undersigned has no objections to the above captioned matter.

Respectfully yours,

Mike Abraham

Oscar Abraham
Oscar Abraham

OA/egc

*Robert
Marked
5-19-60*

CABOT CARBON COMPANY

P.O. BOX 1101 PAMPA, TEXAS



Carbon Black • Oil and Gas • Oil Field Pumping Equipment • • •

TELEPHONE MO-4-2581

Cord 1984

PLEASE ADDRESS REPLY TO:

750 PETROLEUM CLUB BUILDING
DENVER, COLORADO

TELEPHONES: ACOMA 2-3683
ACOMA 2-3684

M. W. RAFFERTY

District Landman

April 28, 1960

Mountain States Petroleum Corp.
P. O. Box 1362
Tulsa, Oklahoma

Re: Mountain States Petroleum Corp. Proposed
Picture Cliff Location
Lot 1, Section 31, 26N-2W
Rio Arriba County, New Mexico

Gentlemen;

This is to advise that Cabot Carbon Company has no objections to the above irregular location. I am enclosing three copies of this letter in order that you might forward one to the New Mexico Oil Conservation Commission as notice of our consent.

Yours very truly,

CABOT CARBON COMPANY

M W Rafferty
M. W. Rafferty

MWR:gl

*Quoted
Dated
5-19-60*

Mountain States Petroleum Corp.

P. O. Box 1362
TULSA, OKLAHOMA

ALBERT J. BLAIR, JR.
President

May 2, 1960

Case 1984
Telephone: Diamond 3-9574

New Mexico Oil Conservation Commission
State Capitol Building
Santa Fe, New Mexico

Gentlemen:

Enclosed is the original and one copy of a letter to us from Cabot Carbon Company of Pampa, Texas, regarding our proposed Pictured Cliffs Location in Lot 1, Section 31, T26N, R2W, Rio Arriba County, New Mexico.

This letter is their notice to us of their consent to the above irregular location.

Respectfully yours,

MOUNTAIN STATES PETROLEUM CORP.

By

Albert J. Blair, Jr.
Albert J. Blair, Jr.

AJBJr/ah

Enclosures: (2)

*Foraker
Mailed
5-19-60*

Mountain States Petroleum Corp.

MAIN OFFICE OCC
P. O. Box 1362

TULSA, OKLAHOMA 9:27
JUN 15 AM

Telephone: Diamond 3-9574

ALBERT J. BLAIR, JR.
President

FLOYD J. RAY
Vice-President

Albuquerque, New Mexico Office

Telephone: Alpine 5-8038

June 9, 1960

Re: Sec. 31, T. 26 N, R. 2 W.
Rio Arriba County, N. M.

Oil Conservation Commission
Mabry Hall, State Capitol
Santa Fe, New Mexico
Attn. Mr. Elvis A. Utz

Dear Sir:

Reference is made to our hearing of last week concerning the above captioned acreage. At that time you requested we send a structure contour map and an initial potential map of the Pictured Cliffs formation in this area in order to facilitate your decision on acreage dedication. The above described maps are enclosed with this letter of explanation.

Commercial Pictured Cliffs production in this area is apparently concentrated within a narrow belt trending north-northwest across the acreage in question. Production within this belt is from an average depth of approximately 4000 feet.

The majority of the drilling activity in this area has been since 1956. All commercial gas wells in this area have been stimulated by sand fracture treatment, without which little if any of this area would today be commercially productive.

In the preparation of the accompanying Initial Potential Map (Fig. I), only those wells which received fracture treatment were used since it is felt that some of these wells should have been commercially productive had this treatment been used. Two wells in particular which fall in this category are located in the SW $\frac{1}{4}$ Sec. 32, T. 26 N., R. 2 W. These are the Gardner, Federal No. 1, and the Denman, Kates Federal No. 2. It is felt these wells are not indicative of the Pictured Cliffs production potential in this area for the following reasons.

The Gardner well was completed on December 12, 1948. This well barely penetrated the top of the Pictured Cliffs sand and no completion methods were attempted.

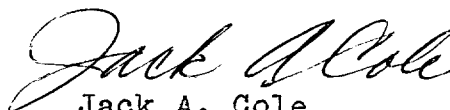
Sec. 31, T. 26 N., R. 2 W.

The Denman well was completed on August 25, 1949. In this well the Pictured Cliffs sand was stimulated in the open hole with 144 quarts of Nitroglycerin resulting in strong shows of gas and oil.

Sand fracture treatment operations were begun in the San Juan Basin in 1955. It is felt that had the operators of these two wells been able to utilize these present day completion methods, both would be commercially productive from the Pictured Cliffs formation.

The data herein is respectfully submitted.

Very truly yours,
MOUNTAIN STATES PETROLEUM CORP.

A handwritten signature in cursive script that reads "Jack A. Cole".

Jack A. Cole
Geologist