

3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

March 27, 1978

U.S. Department of Interior
Geological Survey
P.O. Box 959
Farmington, NM 87401

Attention: Mr. P.T. McGrath
District Engineer

RE: Development Plan for Surface Use
Mesa Petroleum Co.
Federal 16A
1940 FNL & 1770 FWL
9-27N-8W
San Juan Co, NM

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: surveyor's plat, drill site plat and vicinity map.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on all roads where necessary. All newly constructed roads will be 15' wide.

Point 5. Water for drilling will be trucked from the Bloomfield approximately 16 miles to the northwest.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered.

Point 8. No camps or airstrip.

Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry.

Point 11. This location is at the end of a box canyon on the west side of Largo Canyon. The area is level and is covered with sage brush. Access will be made from an existing road to the east of the location.

Point 12. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
Phone: 505-327-4020

Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Mesa Petroleum and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

March 31, 1978

John Alexander
John Alexander

Should further information be desired, please advise.

Yours very truly,

John Alexander
John Alexander

JA:dew

Attachments

3E COMPANY, INC.

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FARMINGTON, NEW MEXICO 87401

March 27, 1978

Federal #16A

Formation Tops

Pictured Cliffs	2131'	(+3874)	(gas)
Chacra	3114'	(+2891)	(non-productive)
Cliffhouse	3796'	(+2209)	(gas)
Menefee	3936'	(+2069)	(gas)
Point Lookout	4473'	(+1532)	(gas)

Well Site Plat

access road

300'

NORTH

earthen
reserve
Pit

STORAGE
PITS

PUMP
UNIT

R
I
G

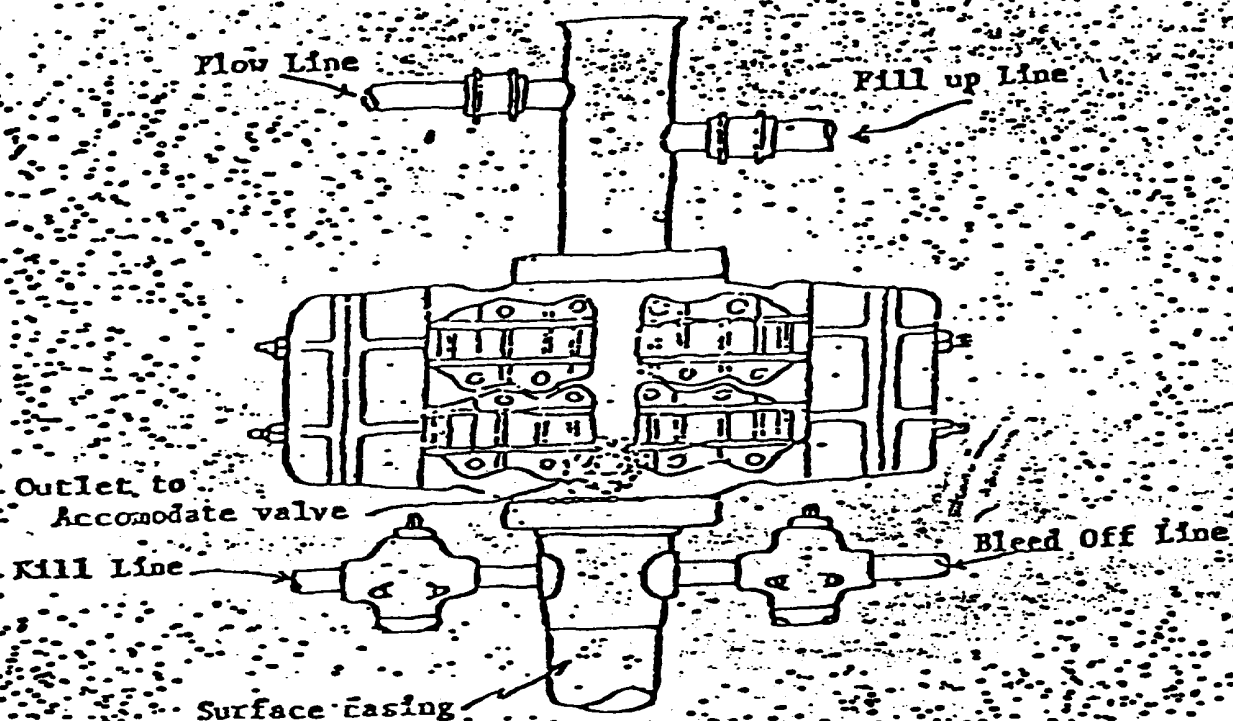
TRASH

200'

scale 1"=40'

Mesa Petroleum Co.
Federal 16A
Blanco Mesa Verde
Otero Chacra
Sec 9, 27N, 8W

San Juan County, New Mexico

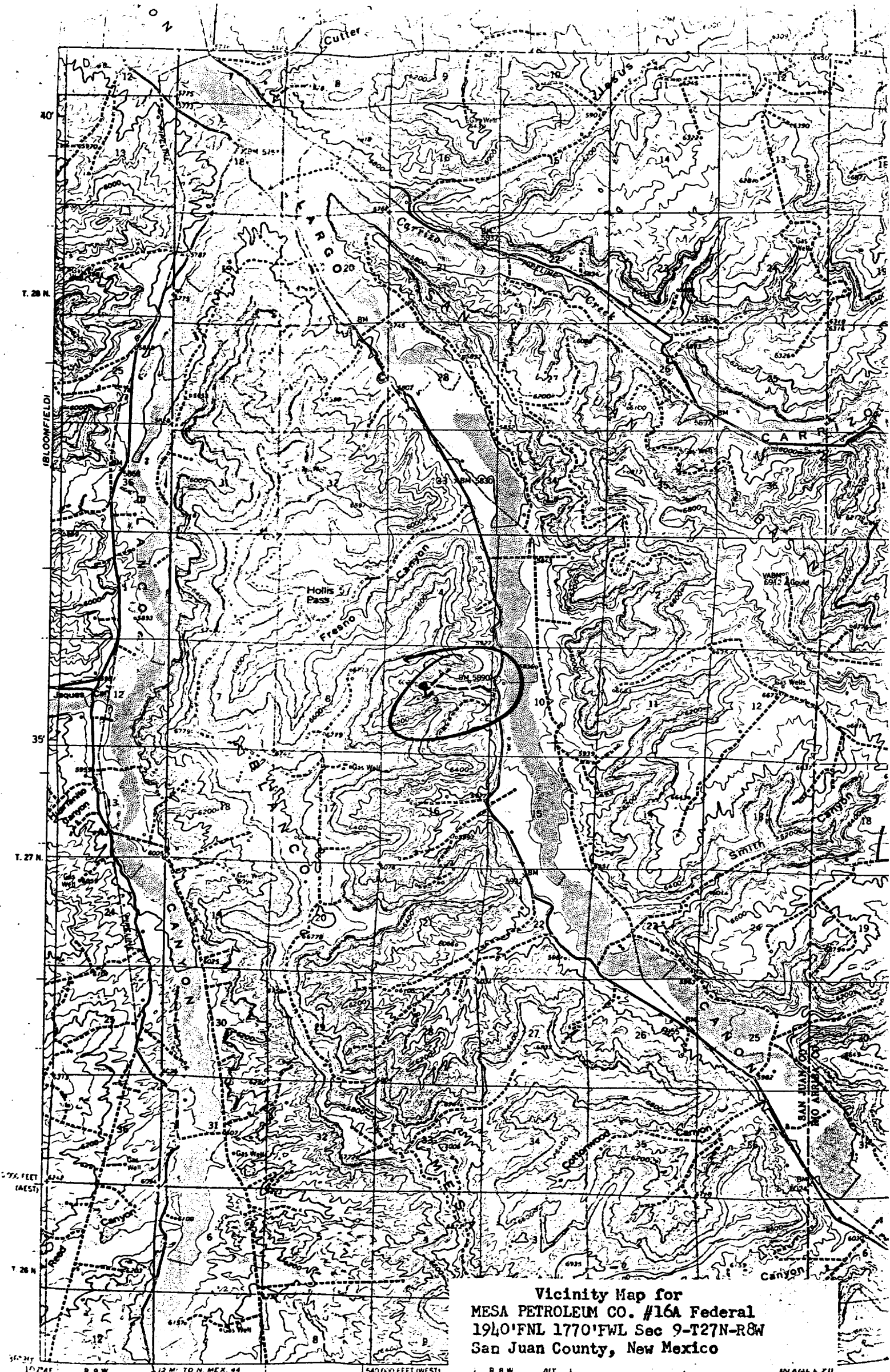


Blowout preventer is Shaffer double hydraulic equipped with drill pipe rams in the top and blind rams in the bottom.

Blowout preventer closing unit is Kookey 30 gallon accumulator unit.

When choke manifold is used, it will be installed downstream from bleed off valve.

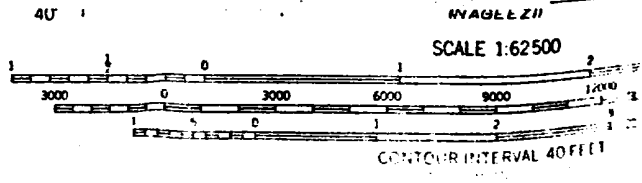
Kill line or bleed off line may be installed at flanged opening in blowout preventer.



Vicinity Map for
MESA PETROLEUM CO. #16A Federal
1940'FNL 1770'FWL Sec 9-T27N-R8W
San Juan County, New Mexico

Mapped, edited, and published by the Geological Survey
of the U.S.G.S. and USC&GS

Topographic methods from aerial
photography. Field checked 1959
North American datum





DIRECTOR
JOE D. RAMEY

OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
1000 RIO BRAZOS RD. - AZTEC

87410
LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

April 6, 1978

Mr. Jim Farrell
Mesa Petroleum Company
P. O. Box 2009
Amarillo, Texas 79105

Re: Mesa Petroleum Company
Federal #16A
1940/N; 1770/W
F-9-27N-8W

Dear Jim:

The footage location of the subject well does not comply with Order R-1670.

Please obtain approval of the non-standard location prior to the time the well is ready to produce.

If there are questions, please call.

Yours very truly,

A. R. Kendrick
Supervisor, District #3

xc: Oil Conservation Commission, Santa Fe
U.S.G.S., Farmington

ARK:no

AtlanticRichfieldCompany

North American Producing Division
Rocky Mountain District
1860 Lincoln St. — Suite 501
Denver, Colorado 80295
Telephone 303 573-4049

W. A. Walther, Jr.
Operations Manager

April 24, 1978

Mr. A. R. Kendrick, Supervisor
Oil Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

RE: Non-standard Location
Mesa Petroleum Company
Federal No. 16A (Section 9-27N-8W)
San Juan County, New Mexico

Gentlemen:

Atlantic Richfield Company has no objections to Mesa Petroleum Company's proposal for a non-standard location at their Federal 16A Mesaverde-Chacra dual to be located 1940' FNL and 1770' FWL, Sec. 9-27N-8W, San Juan County, New Mexico.

Very truly yours,

*B. J. Sustain for
W. A. Walther, Jr.*
W. A. Walther, Jr.

WAW:LJG:bb

cc: Mesa Petroleum Co.
c/o 3E Company, Inc.
P. O. Box 190
Farmington, New Mexico



well

El Paso NATURAL GAS
COMPANY

P. O. BOX 990
FARMINGTON, NEW MEXICO 87401
PHONE: 505-325-2841

April 26, 1978

NEW MEXICO OIL CONSERVATION COMMISSION
Attention: Mr. J. D. Ramey, Secretary-Director
Post Office Box 2088
Santa Fe, New Mexico 87501

Re: Non-Standard Location by
Mesa Petroleum Co.,
Federal #16 A, 1940'FNL, 1770'FWL,
Section 9, T27N, R8W
San Juan County, New Mexico

Dear Mr. Ramey:

This is to advise that El Paso Natural Gas Company, as an owner of offsetting acreage, does not object to the non-standard Mesaverde-Chacra dual as proposed by Mesa Petroleum.

Yours very truly,

John A. Ahlm
John A. Ahlm
Regional Land Manager
Energy Resource Development

JAA:ld

xc: New Mexico Oil Conservation Commission-Aztec, NM
3 E Company, Inc.
Mesa Petroleum

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