

H. L. BROWN, JR.
323 WEST MISSOURI
POST OFFICE BOX 2237
MIDLAND, TEXAS 79701
915 683-5216

November 10, 1977

NSL-905
NSL 104 F
12-20-77

New Mexico Oil
Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

Re: Unorthodox Location;
H. L. Brown, Jr's Arco
State, Well #1, Section
16, T-16-S, R-32-E, Lea
County, New Mexico

Dear Mr. Ramey:

The above referenced well location is staked 1150 feet FEL and 330 feet FNL of Section 16 in Unit "a". There is an existing well at the Unit center (660 feet FE & NL). Our initial intent was to stake the subject well immediately west of the existing well; however, an east-west overhead electric service line caused us to move to the north. As you can determine from the enclosed topographic map of the area, there is a slope down to the northeast in Unit "a" and eventually grades down into a dry lake bed.

Our location of 1150 feet FEL and 330 feet FNL was selected because of the above electric line, and the fact that the slope area surface in the north and northeast portions of Unit "a" is solid caliche rock. In order to build a location at 990 feet FEL and 330 feet FNL, it would be necessary to do extensive blasting and excavation, resulting in an unusually high cost of location construction. A location at 1150 feet FEL and 330 feet FNL can be built with a minimum of expense. This well is a Wolfcamp prospect and, if completed, would be prorated on 80 acre spacing.

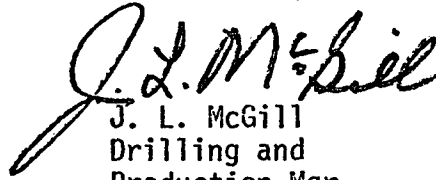
Anderson
Ranch
Wolfcamp

Page 2
NMOCC
Arco State #1

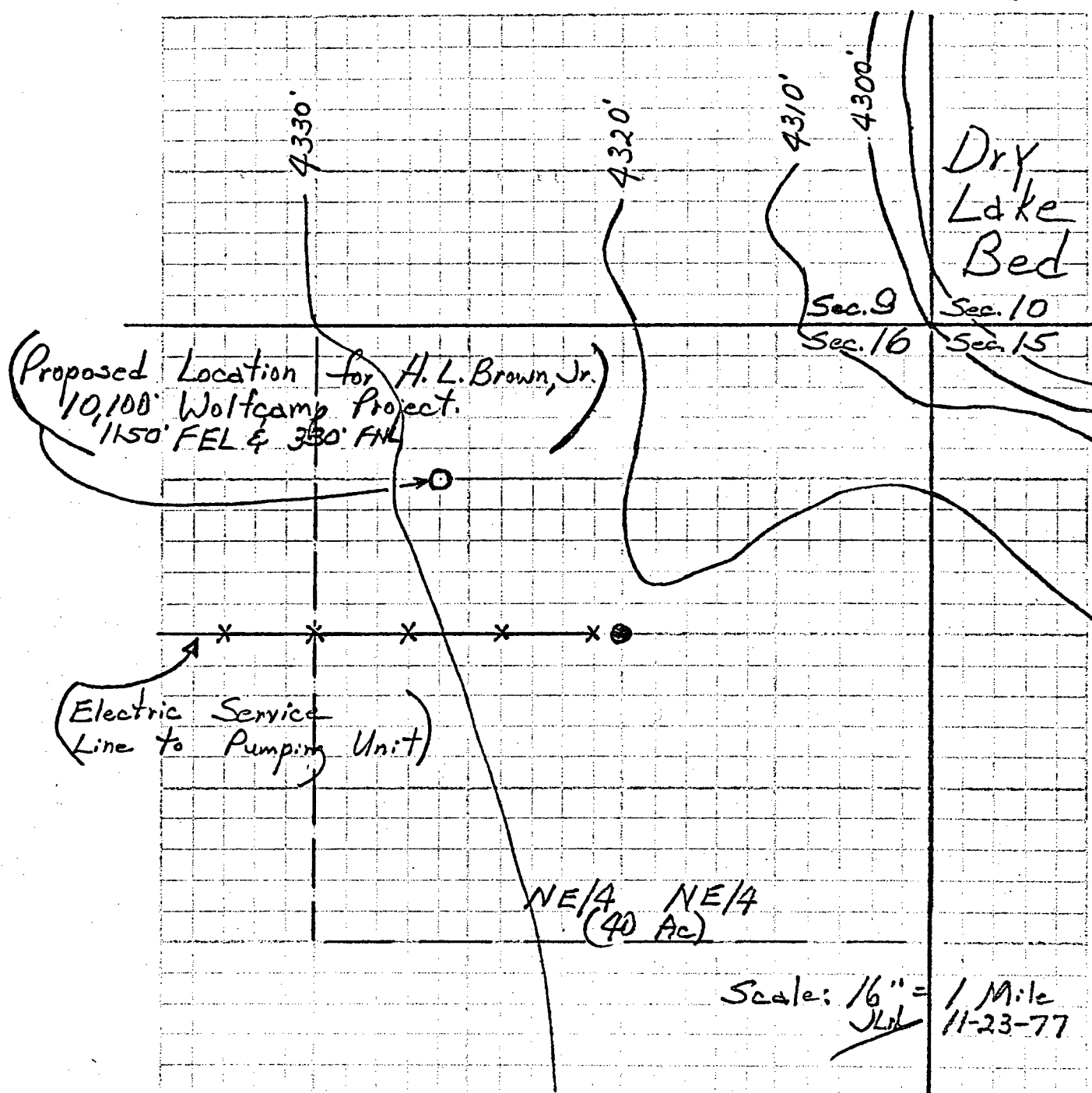
In view of the above reasons, it is respectfully requested that H. L. Brown, Jr. be granted an exception to Commission Rule 104 for the Arco State No. 1, on the basis of topographic conditions, and that permission be administratively approved for the location at 1150 feet FEL and 330 feet FNL of Section 16, T-16-S, R-32-E, Lea County, New Mexico.

Yours very truly,

H. L. BROWN, JR.


J. L. McGill
Drilling and
Production Mgr.

Encl.
JLMc:jsd



PLAT SHOWING UNIT "A" OF SECTION 16, T-16-S, R-32-E, LEA COUNTY, NEW MEXICO, WITH TEN (10) FOOT CONTOURS ON THE TOPOGRAPHY AND LOCATION OF ELECTRIC SERVICE LINE. SURFACE IS COVERED WITH FEW INCHES OF SOIL AND UNDERLAIN WITH SOLID CALICHE

T-16-S

9

10

(Proposed Location for A.L. Brown, Jr.)
10,100' Wolfcamp Project.

ARCO

H.L. Brown, Jr.

Ladd

R-32-E

330' 1150'

ARCO

16 Mobil

Shell

Shell

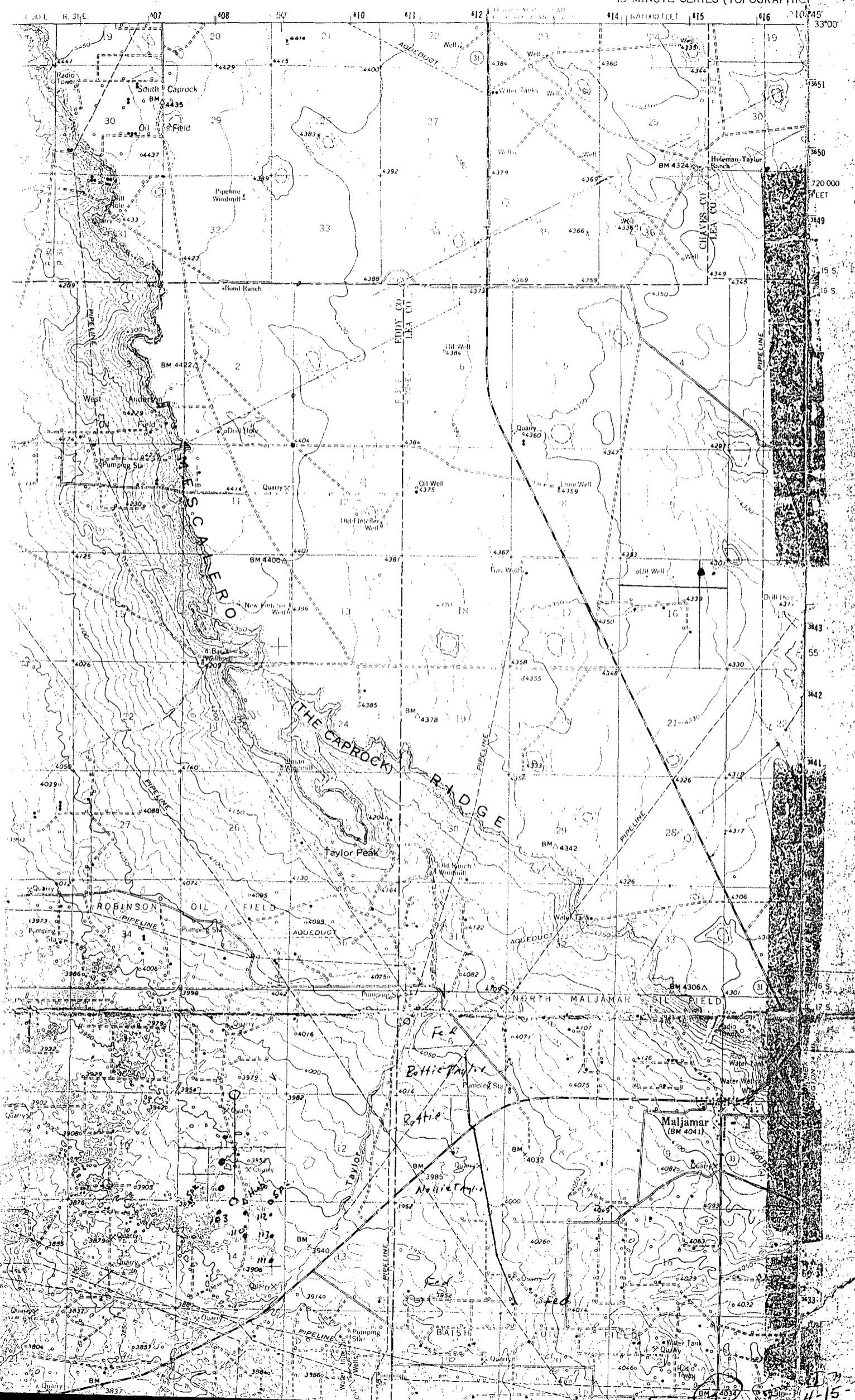
15

PLAT SHOWING OWNERSHIP OF LEASES OFF-SETTING THE
NE/4 NE/4 OF SECTION 16, T-16-S, R-32-E, LEA COUNTY,
NEW MEXICO. (LEASE OWNERSHIP AS REFLECTED IN STATE
LAND OFFICE) ALL LANDS ARE STATE OWNED.

ALL WELLS SHOWN ARE COMPLETED IN QUEEN SAND

11-23-77 JLA
1" = 1320'

MALJAMAR QUADRANGLE
NEW MEXICO
15 MINUTE SERIES (TOPOGRAPHIC)



H. L. BROWN, JR.
323 WEST MISSOURI
POST OFFICE BOX 2237
MIDLAND, TEXAS 79701
915 683-5216

November 10, 1977

NOV 11 1977
Incomplete, send
letter mailed 11/15/77

New Mexico Oil
Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. Joe D. Ramey

Re: Unorthodox Location;
H. L. Brown, Jr's Arco
State, Well #1, Section
16, T-16-S, R-32-E, Lea
County, New Mexico

Dear Mr. Ramey:

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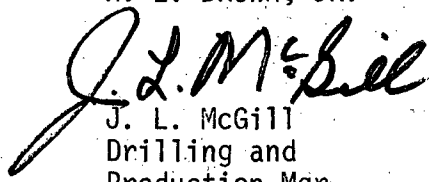
Page 2
NMOCC
Arco State #1

NOV 14 1977
NEW MEXICO COMMISSION

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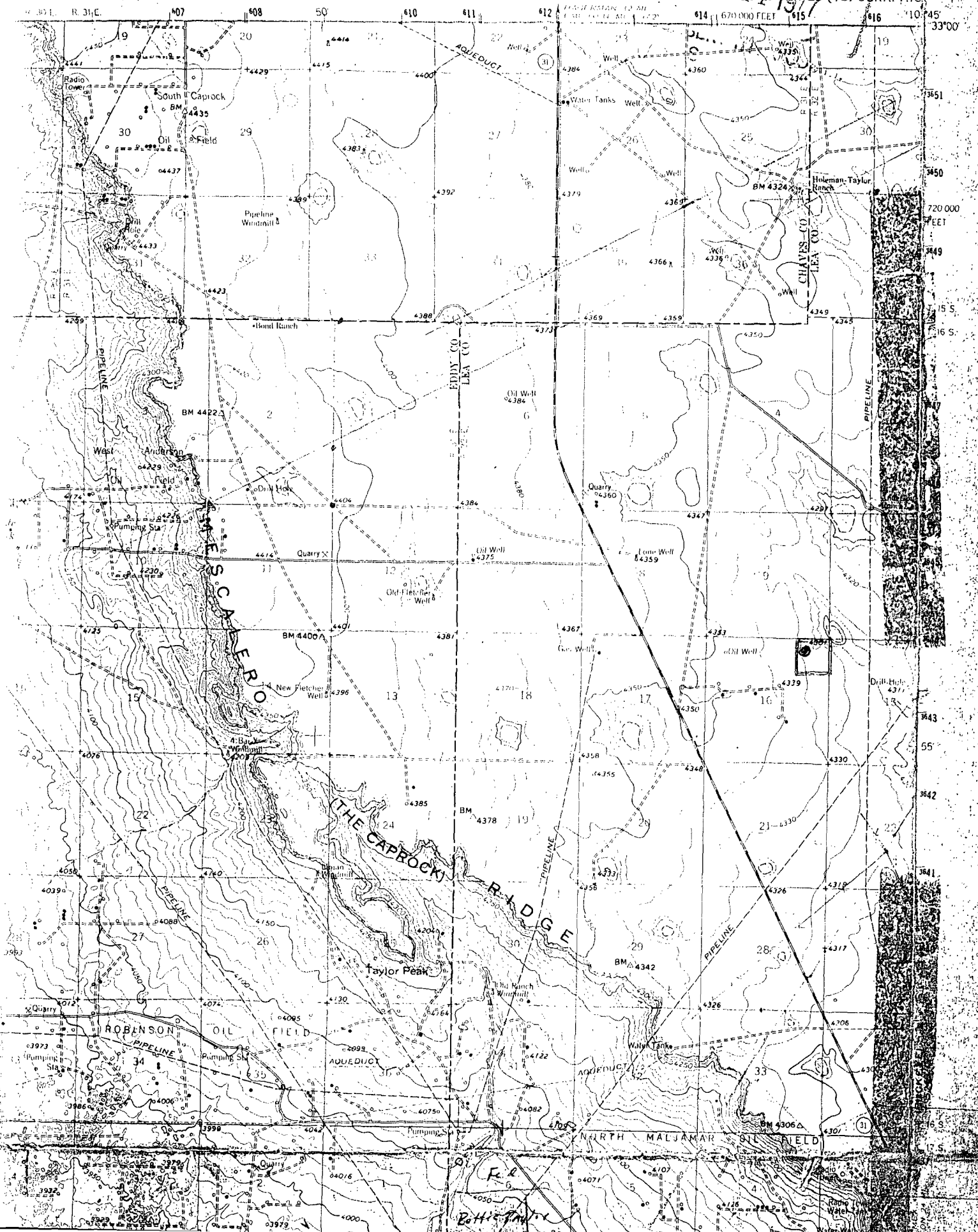
Yours very truly,

H. L. BROWN, JR.


J. L. McGill
Drilling and
Production Mgr.

Encl.
JLMc:jsd

MALJAMAR QUADRANGLE
NEW MEXICO
15 MINUTE SERIES (TOPOGRAPHIC)



OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 15, 1977

C
J. L. McGill
H. L. Brown, Jr.
Post Office Box 2237
Midland, Texas 79701

Dear Mr. McGill:

O
P
Y
Your application of November 10, 1977, for approval of an unorthodox location for your Arco State Well No. 1 is incomplete. Please file the following:

- (1) Two more copies of the application.
- (2) A plat showing the ownership of leases offsetting the NE/4 NE/4 of Section 16-T16S-R32E and the wells located thereon. ✓
- (3) A plat showing both the referenced power line and other topographic conditions. This plat should be no smaller than 3 or 4 inches to the mile. ✓
- (4) A statement that all offset operators have been sent copies of the application. ✓

These additions are required by Rule 104 F of the Commission Rules and Regulations. Upon receipt of the same we will commence processing the application.

Very truly yours,

R. L. STAMETS
Technical Support Chief

RLS/jr

OIL CONSERVATION COMMISSION
Hobbs DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE December 8, 1977

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

DEC 13 1977
OIL CONSERVATION COMMISSION
HOBBS, NEW MEXICO

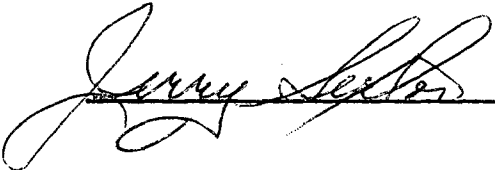
Gentlemen:

I have examined the application dated _____
for the H. L. Brown, Jr. Arco State #1 16-16-32
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,



H. L. BROWN, JR.

323 WEST MISSOURI
POST OFFICE BOX 2237
MIDLAND, TEXAS 79701
915 683-5216

November 28, 1977

NOV 30 1977
RECEIVED

New Mexico Oil
Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. R. L. Stamets
Technical Support Chief

Dear Sir:

As per your request in your letter dated November 15, 1977, enclosed herewith please find:

1. Two more copies of the application sent on November 10, 1977. ✓
2. A plat showing the ownership of leases offsetting the NE/4 NE/4 of Section 16, T-16-S, R-32-E and the wells located thereon.
3. A plat showing both the referenced power line and other topographic conditions.
4. As of today, all offset operators whom are: Mobil Oil Corporation, Ladd Petroleum Corporation, Shell Oil Company and Atlantic Richfield have been sent a copy of the enclosed application.

If there are anyother questions, please do not hesitate to call.

Yours very truly,

H. L. BROWN, JR.

J. L. McGill
J. L. McGill
Drlg & Prod Mgr

Encl.
JLMc:jsd