

March 26, 1965

Mr. Frank E. Irby, Chief
Water Rights Division
State Engineer
Santa Fe, New Mexico

Dear Mr. Irby:

In connection with our application for administrative approval to convert West Loco Hills Unit Well Nos. 5-2, 8B-4, 10A-4, 10A-6, and 20-1, we plan to inject water purchased from Yucca Water Company. This is fresh water produced from the Lea County Water Basin.

Yours truly,

NEWMONT OIL COMPANY

ORIGINAL SIGNED BY
H. J. LEDBETTER

Herman J. Ledbetter
Division Superintendent

JAF/HJL-saf

CC: A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 87
Santa Fe, New Mexico

NEWMONT OIL COMPANY

1135 TEXAS NATIONAL BANK BUILDING

1300 MAIN • AT POLK

HOUSTON, TEXAS 77002

March 25, 1965

DISTRICT OFFICE:
ROWLEY BUILDING
ARTESIA, NEW MEXICO

W. X. - ~~2~~ 198

for Secretary

Mr. A. L. Porter
Secretary-Director
P. O. Box 871
Santa Fe, New Mexico

Dear Sir:

Newmont Oil Company hereby requests administrative approval to convert the following wells in Loco Hills Sand Unit Waterflood to water injection.

<u>TRACT</u>	<u>WELL NO.</u>	<u>SECTION</u>
5	2	10-18-29
8B	4	15-18-29
10A	4	3-18-29
10A	6	3-18-29
20	1	10-18-29

These conversions are within Stage IV of the Development Plan as provided for in Order R-2178-B (Case 2578) and as amended by Order R-2178-C (Case 2805), the later order being dated June 11, 1963.

By attachment hereto is pertinent data in compliance with requirements as set forth by the above referenced orders. A copy of this application has been sent to the State Engineer. Newmont Oil Company, as operators of the only offset leases producing from the Grayburg No. 4 Sand (Loco Hills Sand), offers no objection to these conversions and hereby waives the 15 day waiting period.

Yours very truly,

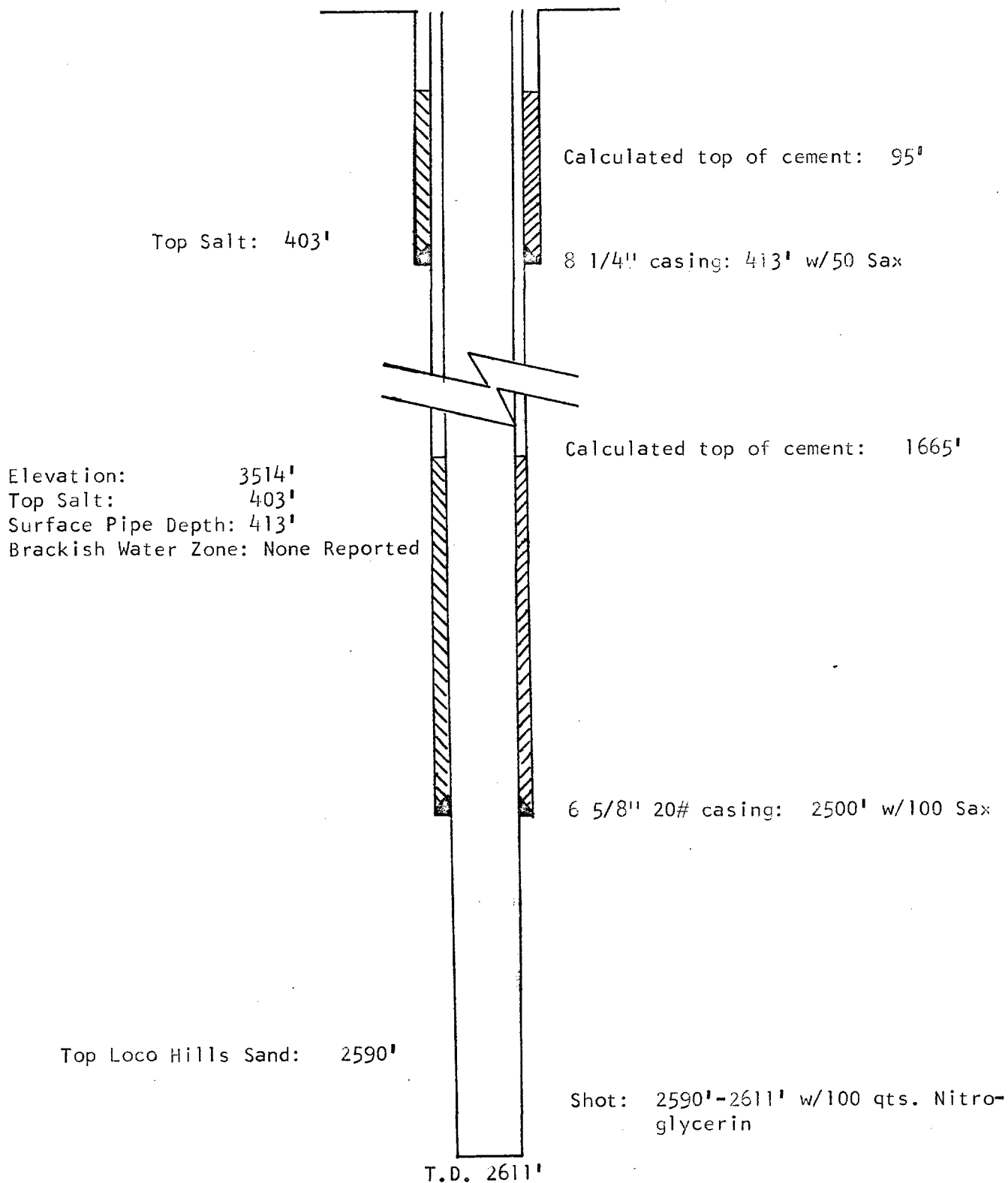
NEWMONT OIL COMPANY

Herman J. Ledbetter

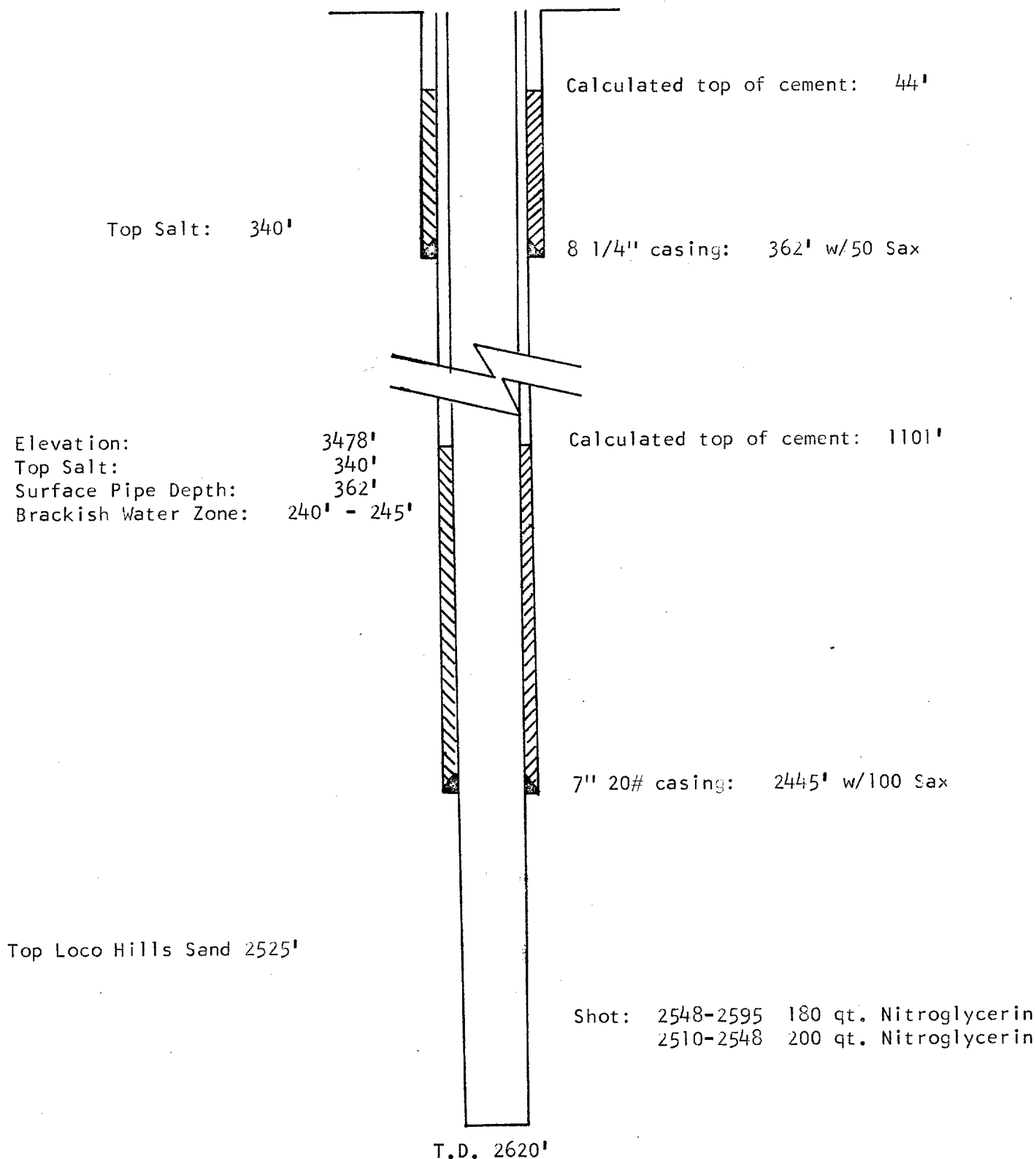
Herman J. Ledbetter
Division Superintendent

JAF/HJL-sf
Attachments

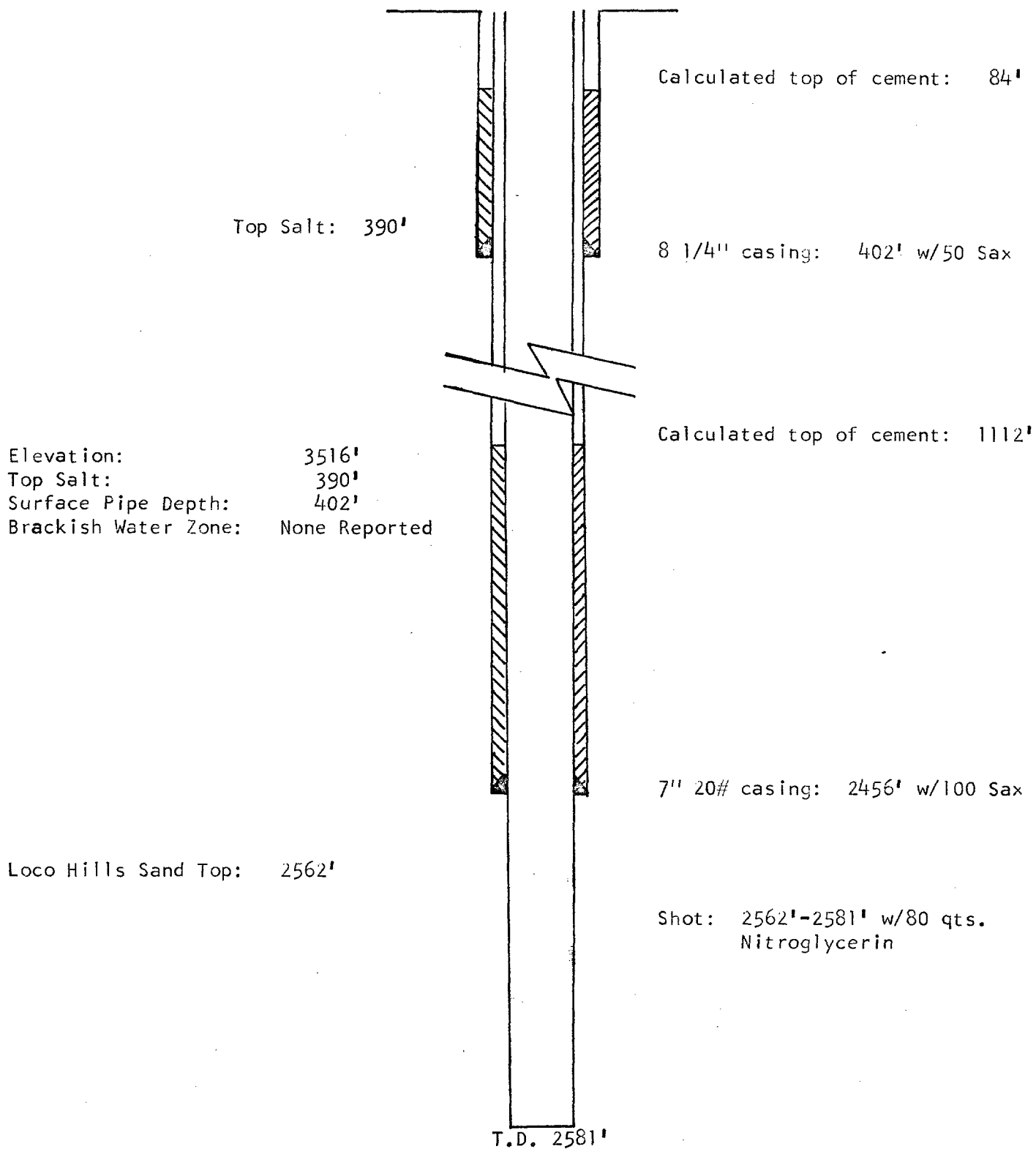
WEST LOCO HILLS UNIT
WELL NO. 5--2
1650' FNL and 2310' FWL
Sec. 10-18S-29E
Completed 12-26-39



WEST LOCO HILLS UNIT
WELL NO. 8B-4
330' FNL and 990' FWL
Sec. 15-18S-29E
Completed 6-1-40



WEST LOCO HILLS UNIT
WELL 10A-4
1650' FSL and 660' FWL
Sec. 3-18S-29E
Completed 2-12-40



WEST LOCO HILLS UNIT
WELL NO. 10A-6
2310' FNL and 2310' FWL
Sec. 3-18S-29E
Completed 6-14-40

Calculated top of cement: 161'

Top Salt: 410'

8 5/8" 24# casing: 417' w/50 Sax

Calculated top of cement: 1149'

Elevation: 3500'
Top Salt: 410'
Surface Pipe Depth: 417'
Brackish Water Zones: None Reported

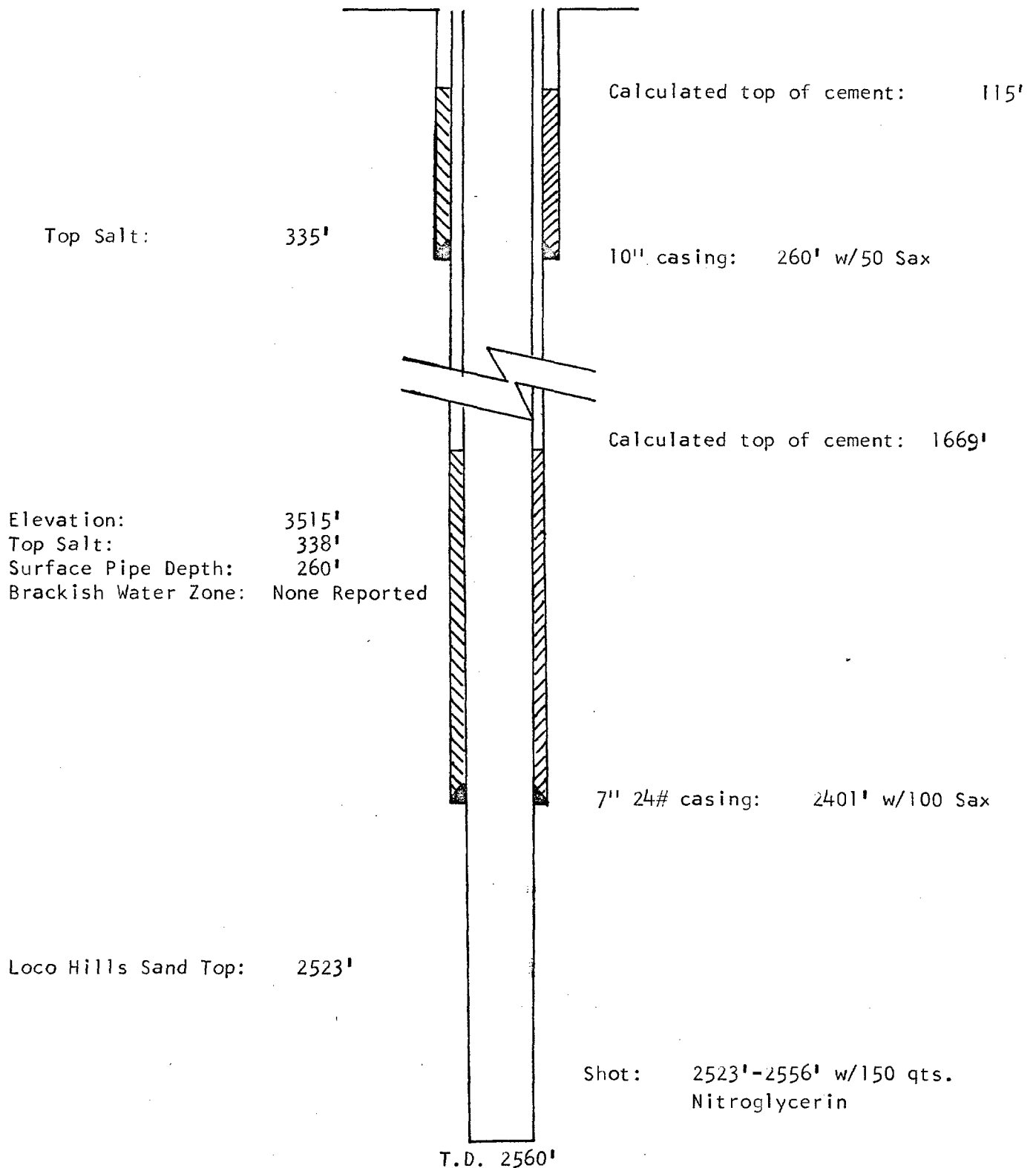
7" 20# casing: 2493' w/100 Sax

Loco Hills Sand Top: 2569'

Shot: 2568-2604' w/170 qts. Nitro-glycerin

T.D. 2739'

WEST LOCO HILLS UNIT
WELL NO. 20-1
330 FNL and 330' FEL
Sec. 10-18S-29E
Completed 7-14-39



NEWMONT OIL COMPANY

ROOM 303, FIRST NATIONAL BANK BUILDING

ARTESIA, NEW MEXICO 88210

July 14, 1965

MAILED 100
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**NEW MEXICO
DISTRICT OFFICE**

Mr. A. L. Porter, Jr.
Secretary - Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Porter:

This has reference to Newmont Oil Company's application dated March 25, 1965 for administrative approval to convert five wells in the Loco Hills Sand Unit Waterflood to injection as follows:

<u>TRACT</u>	<u>WELL NO.</u>	<u>SEC.</u>	<u>TWN.</u>	<u>RC.</u>
5	2	10	18	29
8B	4	15	18	29
10A	4	3	18	29
10A	6	3	18	29
20	1	10	18	29

As a result of this application, Administrative Order WFX No. 198 has been issued covering Tract 5 Well No. 2, Tract 8B Well No. 4, Tract 10A Well No. 4 and Tract 20 Well No. 1.

We find that the above mentioned order grants injection into four of the five wells applied for; but does not include Tract 10A Well No. 6.

We would appreciate your review of this matter as we are desirous of also commencing injection as soon as possible in Tract 10A Well No. 6. For your convenience and review attached are copies of all correspondence from our files relative to this application and Order. Please telephone the undersigned collect at 746-9846, Artesia, if additional information is required.

Yours truly,

NEWMONT OIL COMPANY

Herman J. Ledbetter
Herman J. Ledbetter
Division Superintendent

JAF/HJL

May 17, 1965

Mr. Frank E. Irby
Chief Water Rights Division
State Engineer
Santa Fe, New Mexico

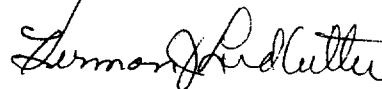
Dear Mr. Irby:

Reference is to your letter dated April 9, 1965 concerning the Newmont Oil Company application dated March 25, 1965 for administrative approval to convert five wells in the Loco Hills Sand Unit Waterflood to water injection.

This will advise that Newmont Oil Company will comply with the conditions as set out in your above referenced letter.

Yours truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter
Division Superintendent

HJL/saf

✓
CC: Mr. A. L. Porter
Secretary-Director
P. O. Box 871
Santa Fe, New Mexico

Blind Note: Mr. J. E. Kapteina - Please refer to your letter dated May 4, 1965 addressed to Newmont Oil Company

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STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

April 9, 1965

ADDRESS CORRESPONDENCE TO:
STATE CAPITOL
SANTA FE, N. M.

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
Santa Fe, N. M.

Dear Mr. Porter:

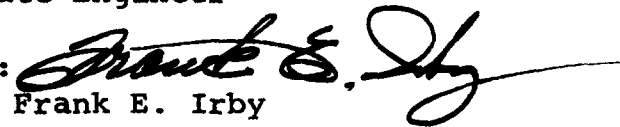
Reference is made to the application of Newmont Oil Company dated March 25, 1965 which requests administrative approval to convert 5 wells in the Loco Hills Sand Unit Waterflood to water injection.

This office offers no objection to the granting of the application, provided: (1) the casing in the wells will withstand a pressure of 300 PSI in excess of a maximum anticipated injection pressure; (2) that results of the casing test are furnished this office and the Oil Conservation Commission; (3) that periodic tests are conducted during the life of the flood and results thereof filed with the Oil Conservation Commission and this office indicating that the fluids are being controlled by the equipment and further provided that injection into well No. 20-1 located 330 FNL and 330 FEL, Sec. 10, T. 18 S., R. 29 E., is down tubing under a packer set well below the top of the cement surrounding the 7-inch casing.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-Newmont Oil Co.

By: 
Frank E. Irby
Chief
WaterRights Div.

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2088
SANTA FE

April 15, 1965

Newmont Oil Company
Rowley Building
Artesia, New Mexico

NEWMONT OIL CO.		
Date 5-27-65		
TO: MR. PORTER	1	★
TO: MR. HAYS	2	
TO: MR. CAMPBELL	3	
TO: MR. GUYTON	4	
TO: MR. ALP	5	

Gentlemen:

Enclosed herewith please find Administrative Order No. WFX-198 authorizing conversion of four wells to water injection wells in your West Loco Hills Grayburg No. 4 Sand Unit Water Flood Project in the Loco Hills Pool in Eddy County, New Mexico.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

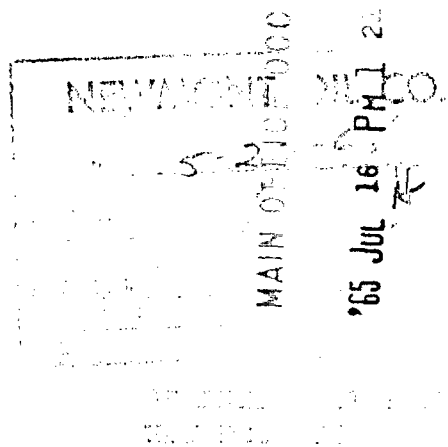
ALP/JEK/og

cc: Oil Conservation Commission - Artesia
Oil Conservation Commission - Hobbs
State Engineer Office - Santa Fe

MAIN OFFICE 000

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APPLICATION OF NEWMONT OIL
COMPANY TO EXPAND ITS WEST
LOCO HILLS GRAYBURG NO. 4
SAND UNIT WATER FLOOD PROJECT
IN THE LOCO HILLS POOL IN
BIRDY COUNTY, NEW MEXICO.



ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-2178-C, Newmont Oil Company has made application to the Commission on March 30, 1965, for permission to expand its West Loco Hills Grayburg No. 4 Sand Unit Water Flood Project in the Loco Hills Pool, Birdy County, New Mexico.

Now, on this 15th Day of April, 1965, the Commission finds:

1. That application has been filed in due form.
2. That satisfactory information has been provided that all offset operators have been duly notified of the application.
3. That no objection has been received within the waiting period as prescribed by Order No. R-2178-C.
4. That the proposed injection wells are eligible for conversion to water injection under the terms of Order No. R-2178-C.
5. That the proposed expansion of the above-referenced water flood project will not cause waste nor impair correlative rights.
6. That the application should be approved.

IT IS THEREFORE ORDERED:

That the applicant, Newmont Oil Company, be and the same is hereby authorized to inject water into the Loco Hills Sand Formation through the following described wells for purposes of secondary recovery, to wit:

Tract 5 Well No. 2 located in the SE/4 NW/4, Section 10,
Tract 8B Well No. 4 located in the NW/4 NW/4 of Section 15,
Tract 10A Well No. 4 located in the NW/4 SW/4 Section 3,
and Tract 20 Well No. 1 located in the NW/4 NW/4 Section
10, all in Township 18 South, Range 29 East, NMPM.

PROVIDED HOWEVER, That applicant shall inject water through tubing with a packer set well below the top of the cement surrounding the 7-inch casing in Well No. 1 of Tract 20.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. POCHER, Jr.,
Secretary-Director

ILLEGIBLE

May 17, 1965

MAIN OFFICE 000

'65 JUL 16 PM 1 2

Mr. Frank E. Irby
Chief Water Rights Division
State Engineer
Santa Fe, New Mexico

Dear Mr. Irby:

Reference is to your letter dated April 9, 1965 concerning the Newmont Oil Company application for drilling and production of oil and gas in the Santa Fe River area. The application is for drilling and production of oil and gas in the Santa Fe River area. The application is for drilling and production of oil and gas in the Santa Fe River area.

This will advise that Newmont Oil Company will comply with the conditions as set out in your above referenced letter.

Yours truly,

NEWMONT OIL COMPANY

Herman J. Ledbetter
Division Superintendent

HJL/saf

CC: Mr. A. L. Porter
Secretary-Director
P. O. Box 871
Santa Fe, New Mexico

Blind Note: (On J. E. Kapteina's copy) Please refer to your letter dated May 4, 1965 addressed to Newmont Oil

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

P. O. BOX 2088
SANTA FE

May 4, 1965


Newmont Oil Company
Rowley Building
Artesia, New Mexico

Attention: Mr. Herman J. Ledbetter

Gentlemen:

By application dated March 25, 1965, Newmont Oil Company requested administrative approval to convert five wells in the Loco Hills Sand Unit Waterflood to water injection. The State Engineer, in a letter dated April 9, 1965, offered no objection to approval of said application provided several conditions be met by Newmont. This office would appreciate receiving a copy of your reply to the State Engineer's letter as your application is being held pending your resolving the provisions outlined in said letter.

Very truly yours,


J. E. KAPTEINA
Engineer

JEK/og

MIN OFFICE 000

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STATE GEOLOGIST
A. L. PORTE, JR.
SECRETARY TO DIRECTOR

NEWMONT OIL CO.	
5-8-65	
DATE	12
BY	2
RECEIVED	
FILE	3