

NEWMONT OIL COMPANY

ROWLEY BUILDING
ARTESIA, NEW MEXICO

November 27, 1964

NEW MEXICO
DISTRICT OFFICE

NOV 28 1964

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.

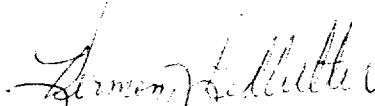
<u>TRACT</u>	<u>WELL NO.</u>	<u>SECTION</u>
8D	5	15-18-29
9	1	3-18-29
10B	1	3-18-29
10B	4	3-18-29
17A	3	10-18-29

These conversions are within Stage III of the Development Plan as provided for in Order R-2178-B (Case Number 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 referred orders. A copy of this application has been sent to each offsetting operator and to the State Engineer.

Yours very truly,

NEWMONT OIL COMPANY


Herman J. Ledbetter
Division Superintendent

JAF/HJL/sf
Attachments

WEST LOCO HILLS UNIT
 WELL 8D-5
 990 FNL 2310 FEL
 Sec. 15-18S-29E
 Completed 1-18-57
 Re-Completed 1-16-58

ELEVATION: 3460' G.L.
 TOP SALT: 380' Est.
 SURFACE PIPE
 DEPTH: 405'
 BRACKISH WATER
 ZONE: Not Reported

Top Salt 380'

Top cement calculated 50'

8 5/8" Casing: 405' w/75 Sax

206' Top Cement - Temp. Survey

Grayburg - Loco Hills Sand Top

2522'

2522'-2528' } Perforated w/24 shots

2538'-2558' } Perforated w/80 shots

Approx. 2600' bridge plug (to be set)

premier sand top 2809' -----

2820'-2840' } Perforated w/80 shots

2890' Bridge Plug
 5 1/2" casing: 3456' w/250 Sax

3492'

Calseal Cap

Pea gravel

3540'

Calseal Cap

Pea gravel

3590'

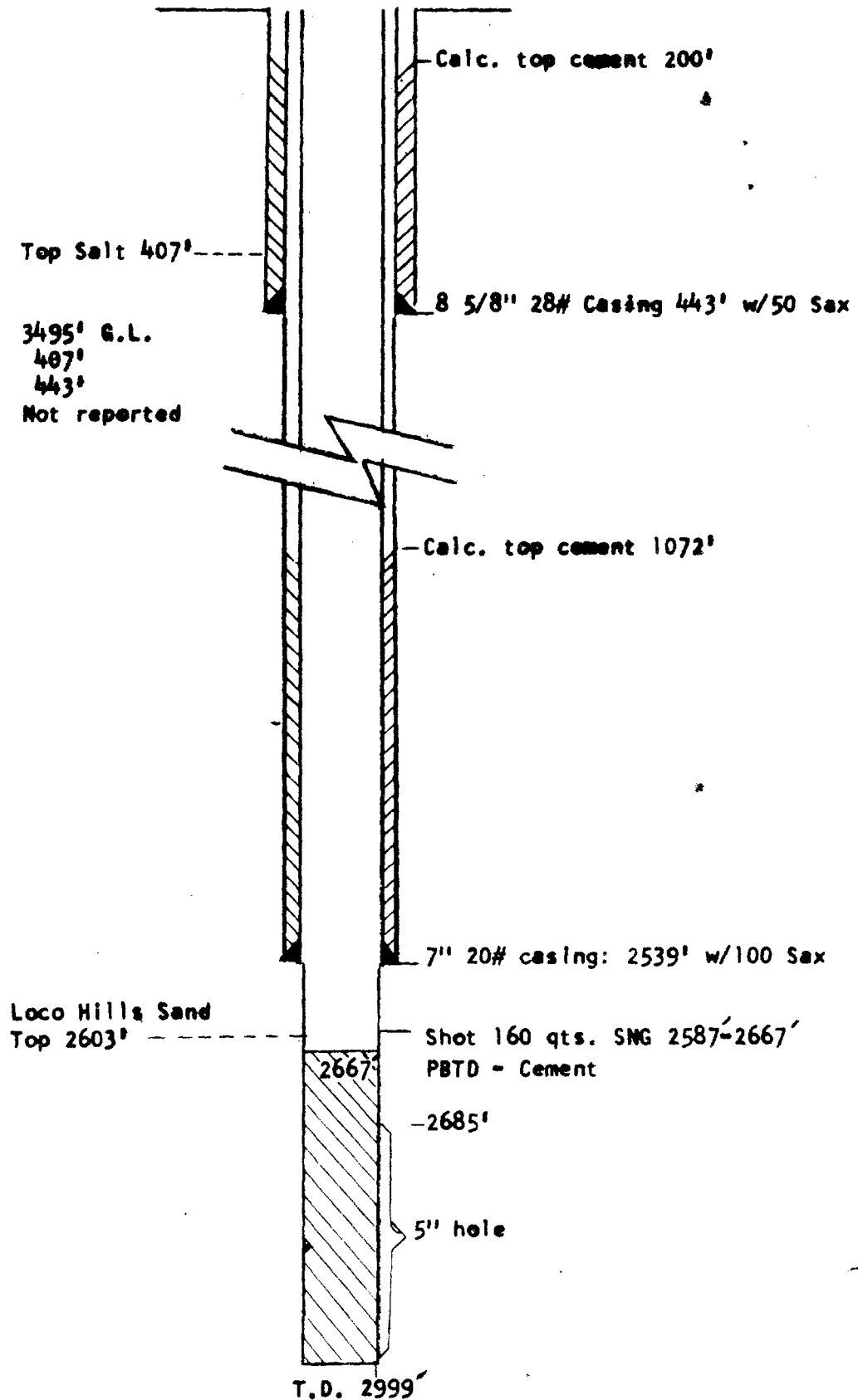
Calseal Cap

Pea gravel

T.D. 3747'

WEST LOCO HILLS UNIT
WELL 9-1
330' FSL 330 FEI
Sec. 3-18S-29E
Completed 8-15-39

Elevation: 3495' G.L.
Top Salt: 407'
Surface Pipe Depth: 443'
Brackish Water Zone: Not reported



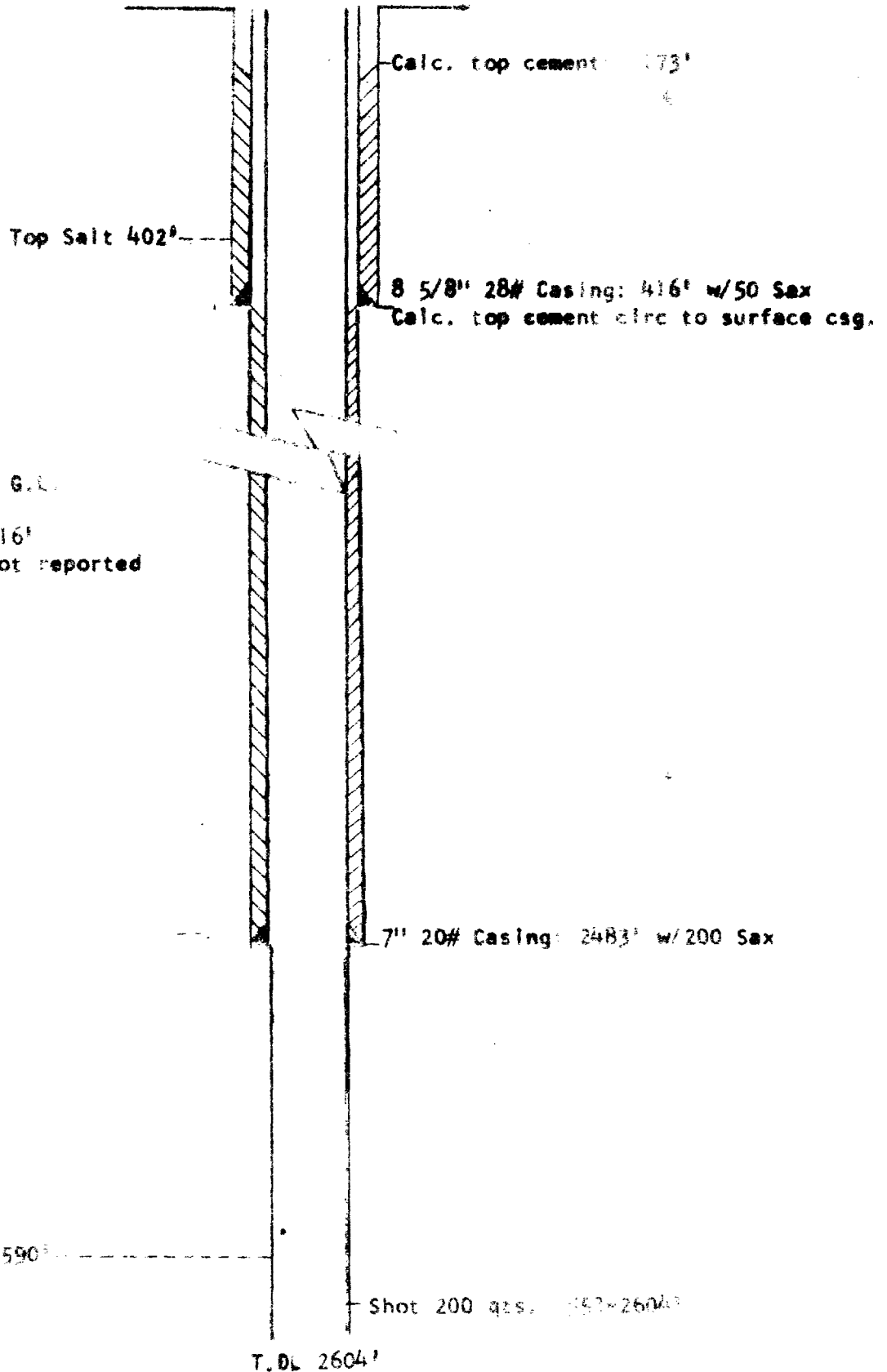
WEST LOCO HILLS UNIT

WELL 10B-1

1650' FSL 2310 FEL

Sec. 3-18S-29E

Completed 2-28-40



WEST LOCO HILLS UNIT

WELL NO. 10B-4

990 FNL 330 FEL

Sec. 3-18S-29E

Completed---7-24-40

Deepened-----1-7-47

Plugged & Abandoned
12-4-49

Zero-Derrick Floor 3539'
Elevation-Ground Level 3537'
Brackish Water Zone 300-305'

Top of Salt 437' - - - - -

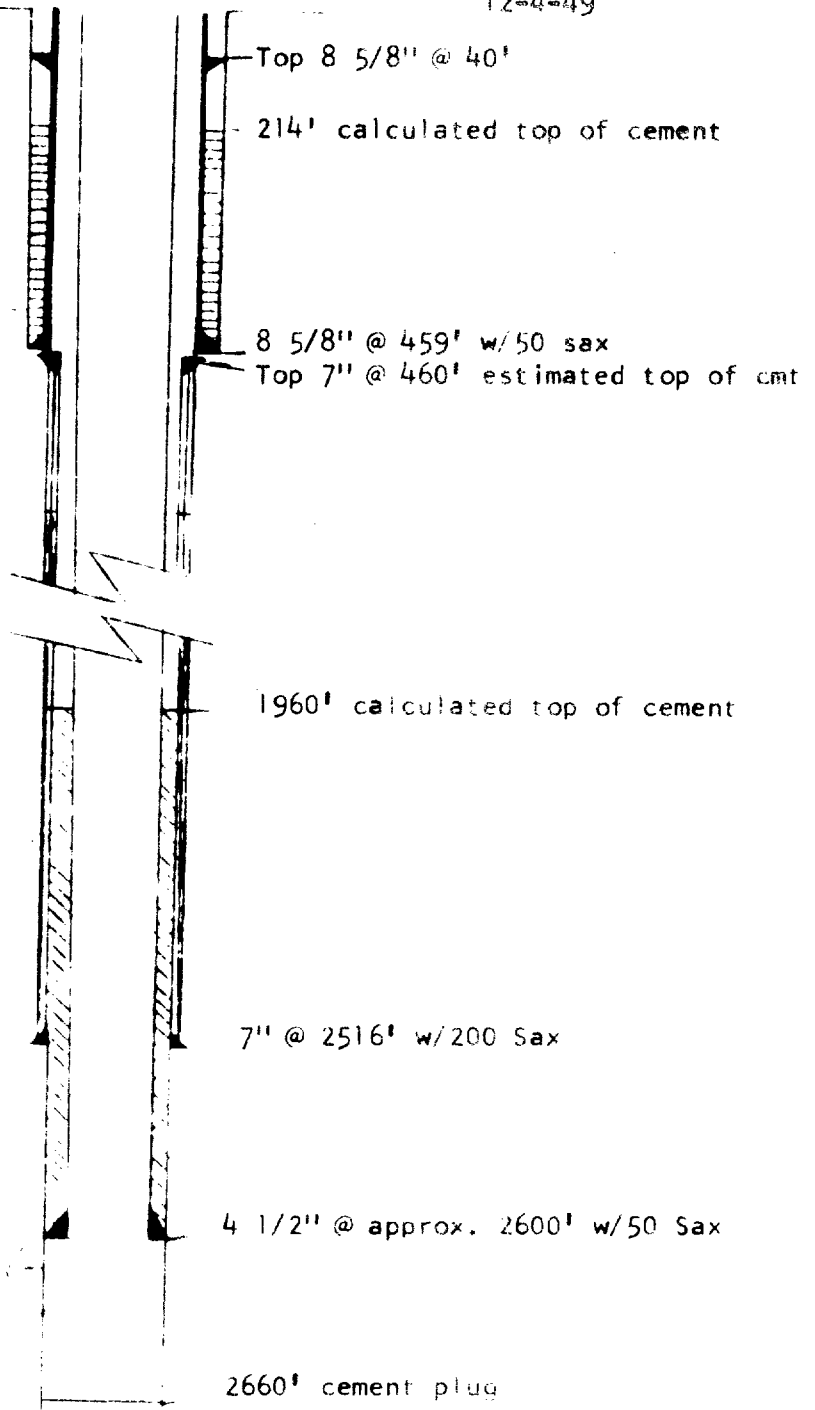
Present Condition

Plugged and abandoned surface casing 40' to 459' surface cement calc. 214 to 459' Oil String 460' to 2516'. Oil String cement Est. 460' to 2516'

Mud and Cement plugs

1. 3403'-2566' Mud
2. 2566'-2546' Cement
3. 2546'-510' Mud
4. 510'-410' Cement
5. 410'-50' Mud
6. 50'-0' Cement

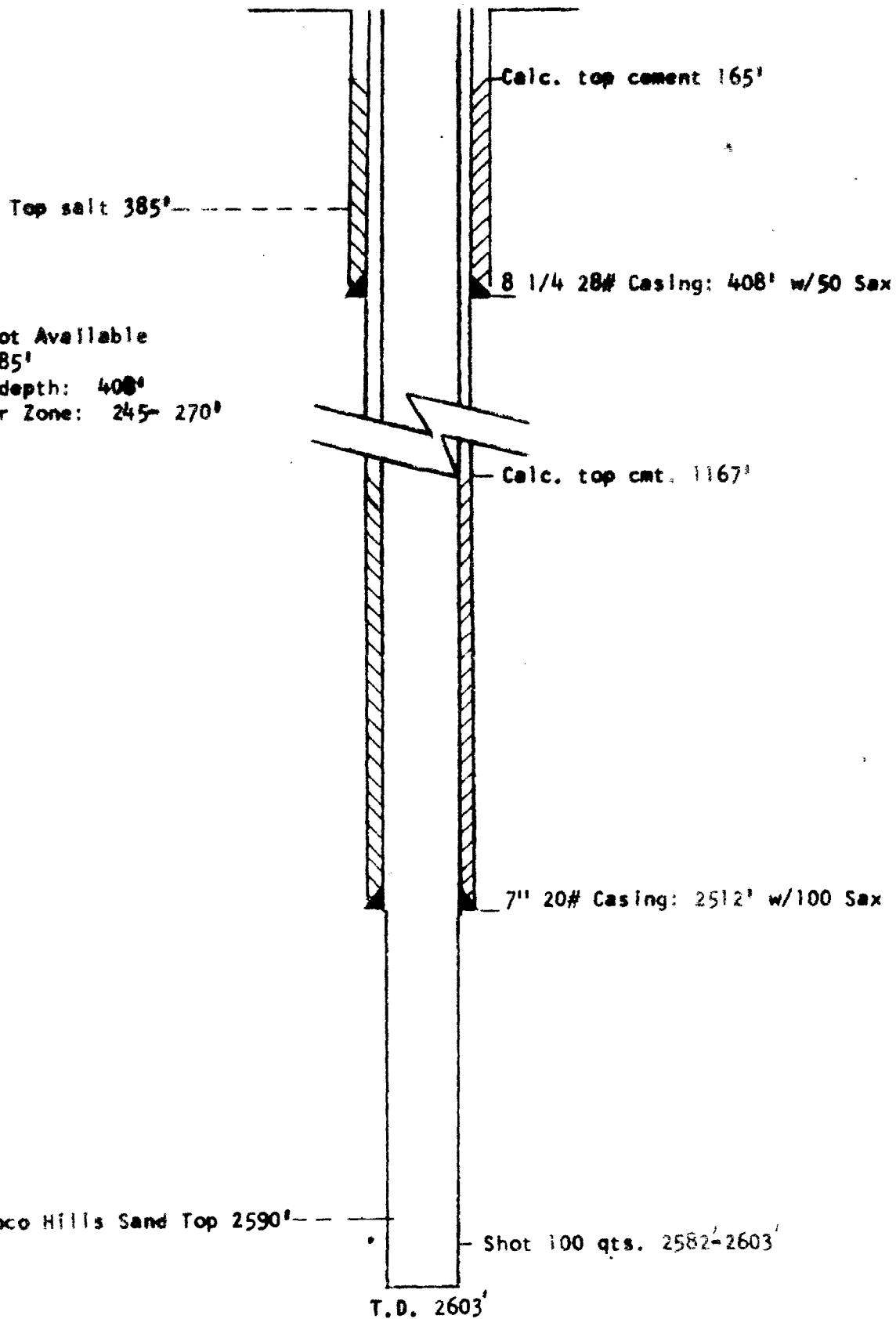
Top Loco Hills Sand 2608'



T.D. 3403'

NOTE: Sketch indicates condition of well after re-entry. Work to be performed 1st quarter 1965.

WEST LOCO HILLS UNIT
 WELL 17A-3
 2310 FSL 2310 FEL
 Sec. 10-18S-29E
 Completed 12-28-39



Elevation: Not Available
 Top Salt: 385'
 surface pipe depth: 408'
 Breckish Water Zone: 245- 270'



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

December 3, 1964

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

87501

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

Dear Mr. Porter:

Reference is made to the application of Newmont Oil Company dated November 27, 1964 which seeks administrative approval to convert the following wells in the Loco Hills Sand Unit Waterflood to water injection:

<u>Tract</u>	<u>Well No.</u>	<u>Section</u>
8D	5	15-18-29
9	1	3-18-29
10B	1	3-18-29
10B	4	3-18-29
17A	3	10-18-29

This office offers no objection to the granting of this application provided all well casings are tested to a pressure in excess of the anticipated injection pressure; that if any casing fails to withstand the test, injection will be through tubing and packer; that Newmont immediately notify me, as well as the Oil Conservation Commission, at any time a casing leak is indicated by a significant drop in injection pressure or an increase in volume injected and further provided that Newmont advise me immediately as to what the source and analysis of the water to be injected is.

Failure of Newmont to furnish information concerning water to be used in this injection project nullifies this waiver.

FEI/ma
cc-Newmont Oil Co.
F. H. Hennighausen

Yours truly,

Frank E. Irby
Frank E. Irby, Chief,
Water Rights Division

December 4, 1964

100-1 E
14 DEC 5 AM

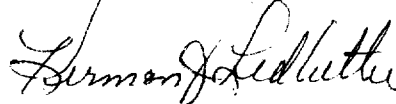
Mr. Frank E. Irby, Chief
Water Rights Division
State Engineer
Santa Fe, New Mexico

Dear Mr. Irby:

In connection with our application for administrative approval to convert West Loco Hills Unit Well Nos. 8D-5, 9-1, 10B-1, 10B-4 and 17A-3, 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



Herman J. Ledbetter
Division Superintendent

HJL-sf

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



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

December 7, 1964

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

87501

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

Dear Mr. Porter:

Reference is made to the application of Newmont Oil Company dated November 27, 1964 which seeks administrative approval to convert the following wells in the Loco Hills Sand Unit Waterflood to water injection:

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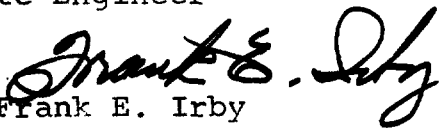
Further reference is made to my letter of December 3, 1964. This office offers no objection to the granting of this application provided all well casings are tested to a pressure in excess of the anticipated injection pressure; that if any casing fails to withstand the test, injection will be through tubing and packer; that Newmont immediately notify me, as well as the Oil Conservation Commission, at any time a casing leak is indicated by a significant drop in injection pressure or an increase in volume injected, and further provided that all water injected into these wells shall be fresh water furnished by Yucca Water Company from their wells in the Lea County Underground Water Basin.

If produced water from oil wells is to be used, this waiver automatically is nullified.

Yours truly,

S. E. Reynolds
State Engineer

FEI/ma
cc-Newmont Oil Co.
F. H. Hennighausen

By: 
Frank E. Irby
Chief
Water Rights Division



SINCLAIR OIL & GAS COMPANY
P. O. Box 1470
MIDLAND, TEXAS 79701

December 8, 1964

MAILED 11

'64 DEC 11 PM 11

MIDLAND DIVISION


New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

This is to advise that Sinclair Oil & Gas Company has been advised that the Newmont Oil Company has requested administrative approval for converting Tract 10B Well No. 4 in the Loco Hills Sand Unit to water injection. Sinclair has no objection to Newmont's conversion of this well to water injection.

Yours very truly,


R. E. Powers
Division Engineer

DWC/ar

cc: Newmont Oil Company
Rowley Building
Artesia, New Mexico