

NEWMONT OIL COMPANY

ROWLEY BUILDING
ARTESIA, NEW MEXICO

NEW MEXICO DISTRICT OFFICE

November 8, 1963

NOV 12 AM 3 23

NEW MEXICO
DISTRICT OFFICE

WTA-157
() 157

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

Gentlemen:

Newmont hereby makes application for administrative approval to convert the wells subsequently listed to water injection. These wells are within Stage I of the West Loco Hills Grayburg No. 4 Sand Unit, as defined by Order R-2178-C. By this order they will become eligible for conversion January 1, 1964 (six months after the July 1, 1963 date of initial Buffer Zone injection).

The wells are as follows:

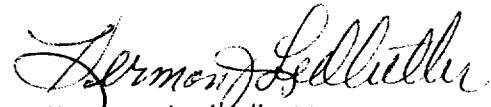
<u>TRACT</u>	<u>WELL</u>	<u>UNIT</u>	<u>SECTION</u>
1	4	M	7-18-30
1	5	K	7-18-30
2A	4	P	7-18-30
2A	5	J	7-18-30
4A	1	K	12-18-29
6	1	I	12-18-29
6	3	O	12-18-29
13B	3	E	12-18-29
32A	7	I	11-18-29
35	1	G	11-18-29
37	2	A	11-18-29
38	1	G	2-18-29
38	3	A	2-18-29
39	1	O	2-18-29
39	4	I	2-18-29

The attached plats, drawings, and table present all required information pertinent to conversion.

There are no offset operators producing from the same reservoir. A copy of this application has been sent to the State Engineer.

Yours very truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter
District Superintendent

RJC/
HJL/sf
Attachments

WEST LOCO HILLS UNIT
STAGE 1 DEVELOPMENT
OCCURRENCE OF SHALLOW WATER

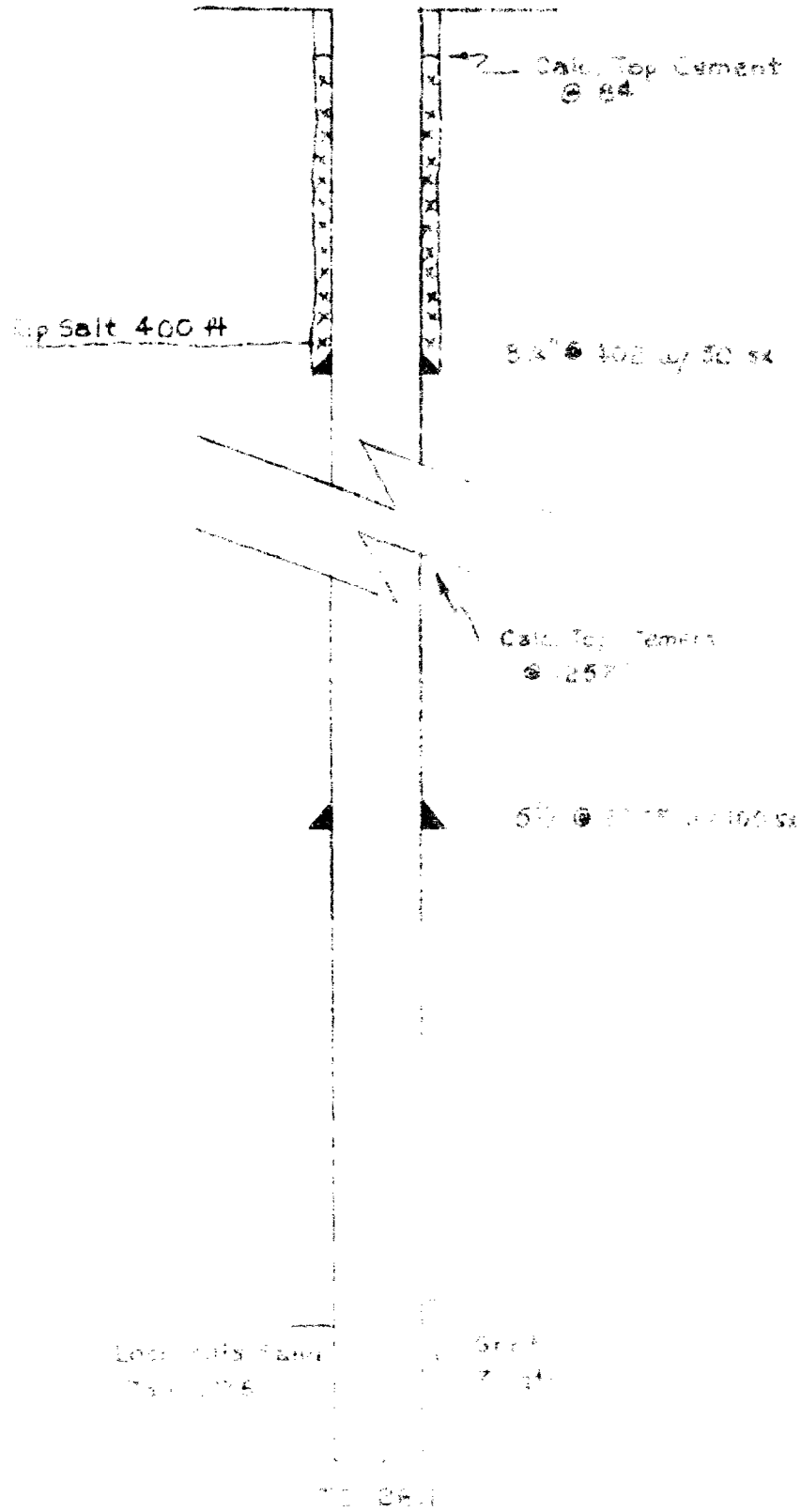
<u>TRACT, WELL NO.</u>	<u>ELEVATION</u>	<u>TOP SALT</u>	<u>SURFACE PIPE DEPTH</u>	<u>FRESH WATER DEPTHS</u>
1-4	3529	400	402	NR
1-5	3530	425	425	333-40
2A-4	3524	430	450	330
2A-5	3522	435	450	NR
4A-1	3499	385	380	NR
6-1	3515	340	350	NR
6-3	3522	355	355	NR
13B-3	3511	436	436	NR
32A-7	3516	430	400	NR
35-1	3511	445	441	300
37-2	3517	462	529	NR
38-1	3538	439	477	320
38-3	3541	485	485	NR
39-1	3521	448	459	NR
39-4	3533	520	539	335-45

West Loco Hills Unit

Well 1-4

Comp 2-44

IPF 200 bopd

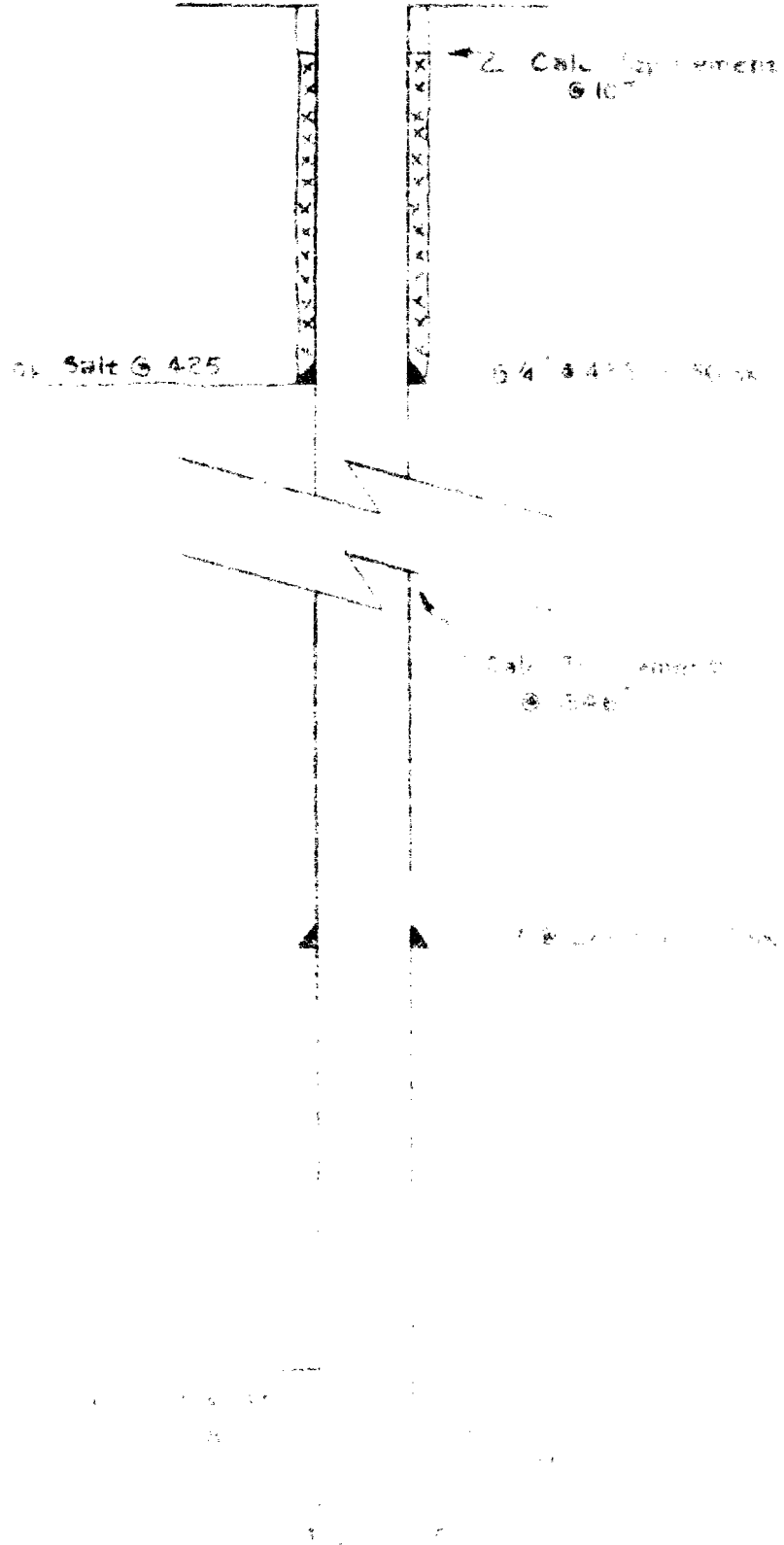


West Loco Hills Unit

Well 1-5

Comp. 2-45

IPF 150 bopd

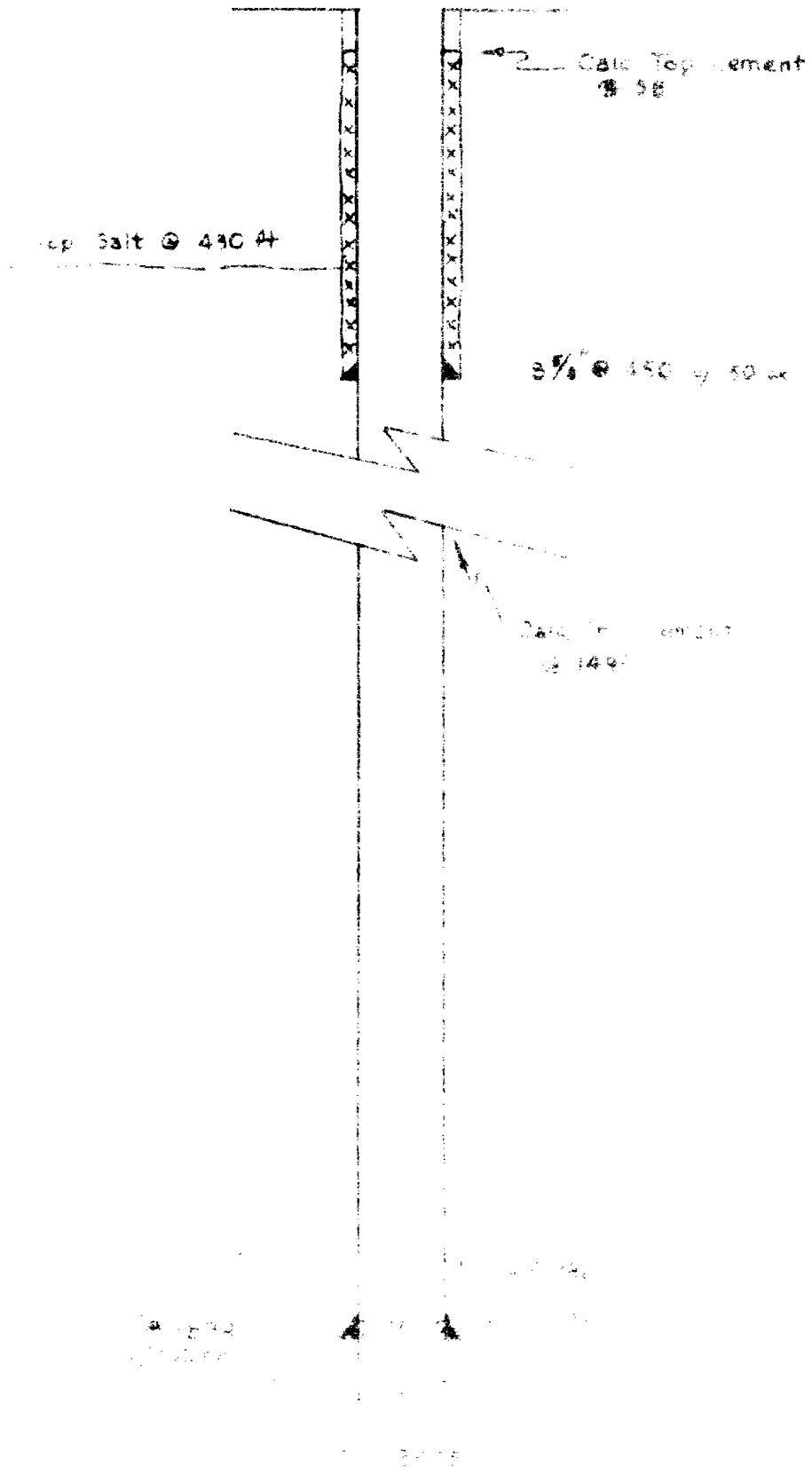


West Loco Hills Unit

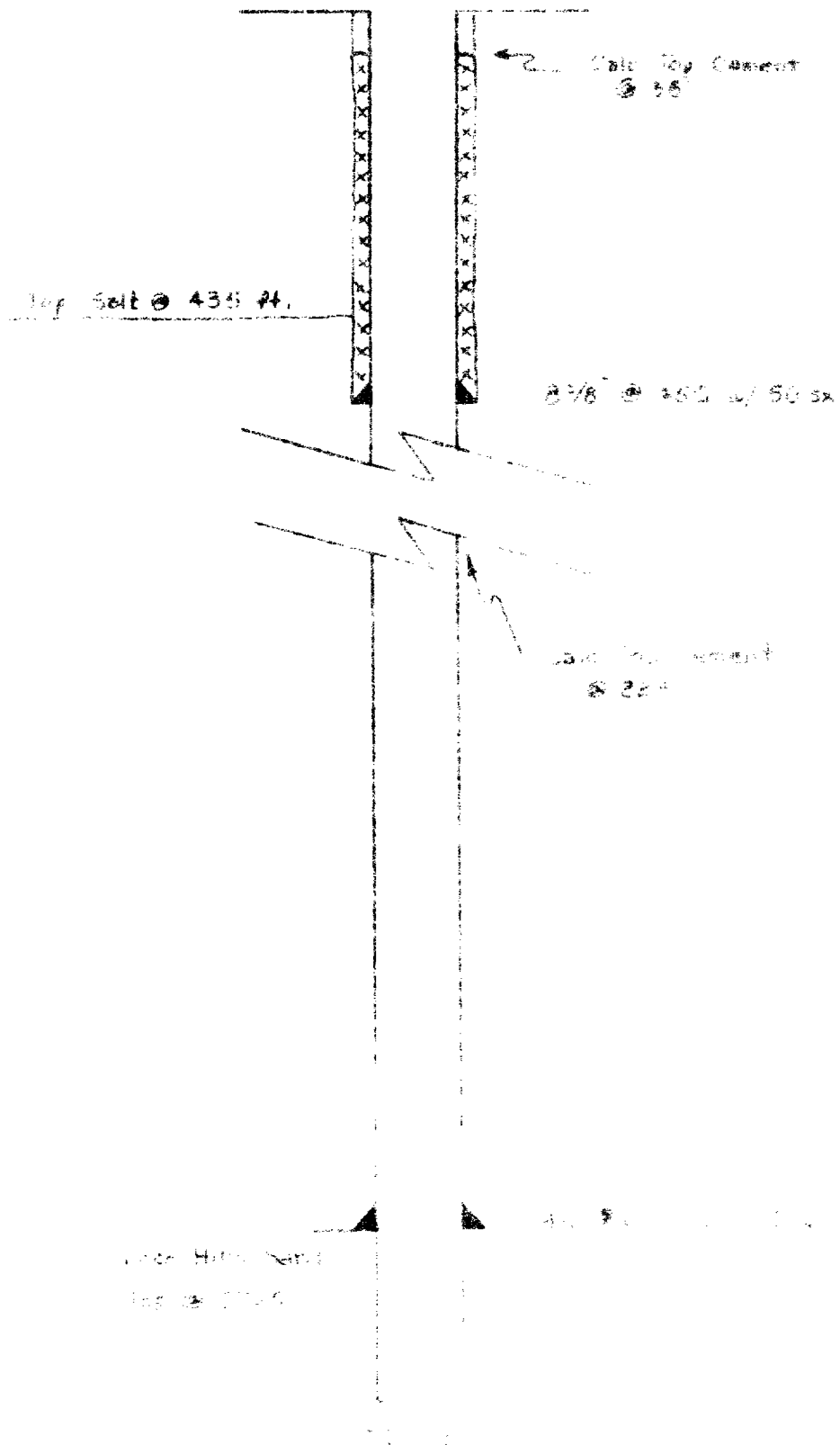
Well 2A-4

Comp. 1-58

IPF 10 bopd



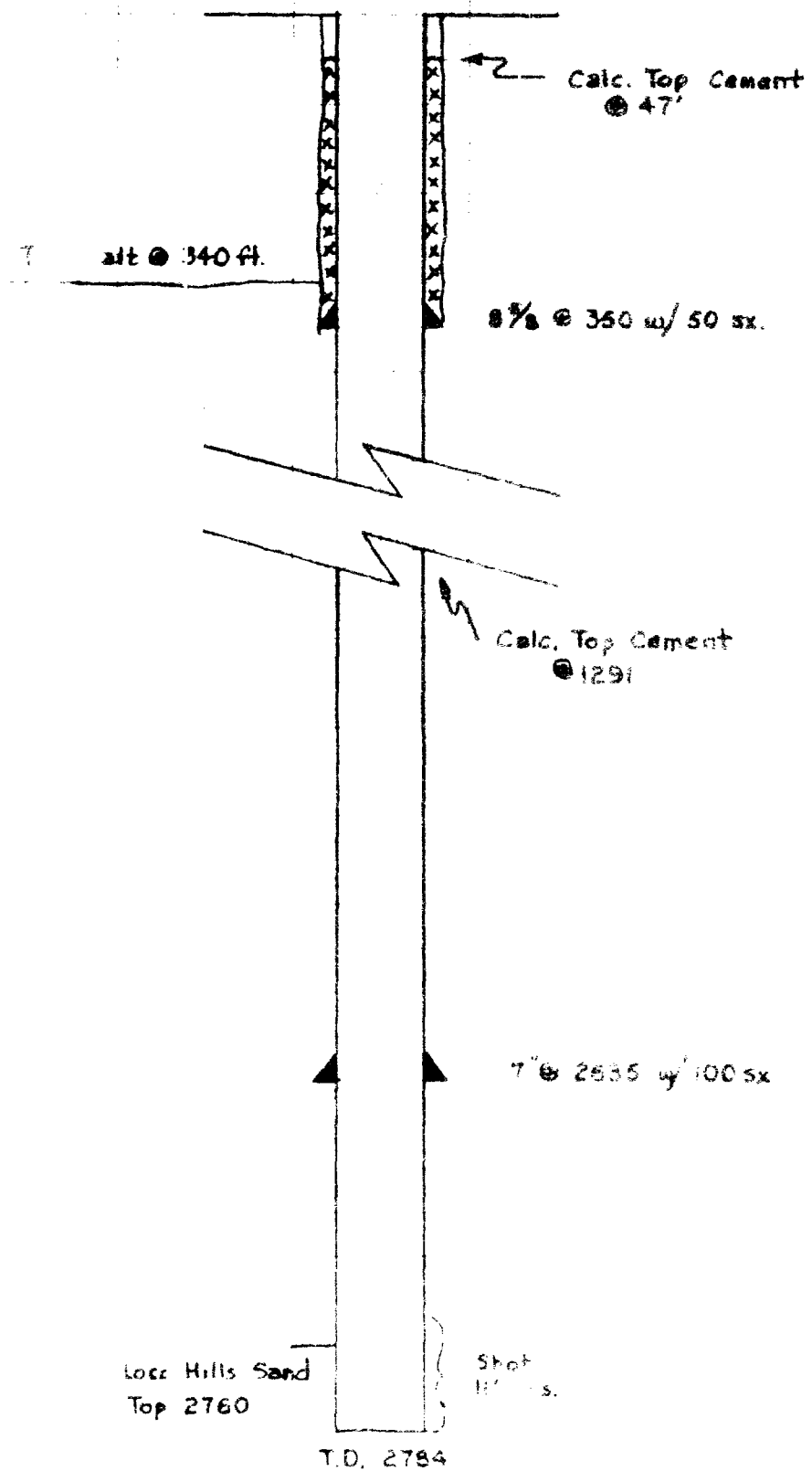
West Loco Hills Unit
Well 2A-5
Comp



West Loco Hills Unit

Well 6-1

Comp. 3-42
IPF 984 bopd

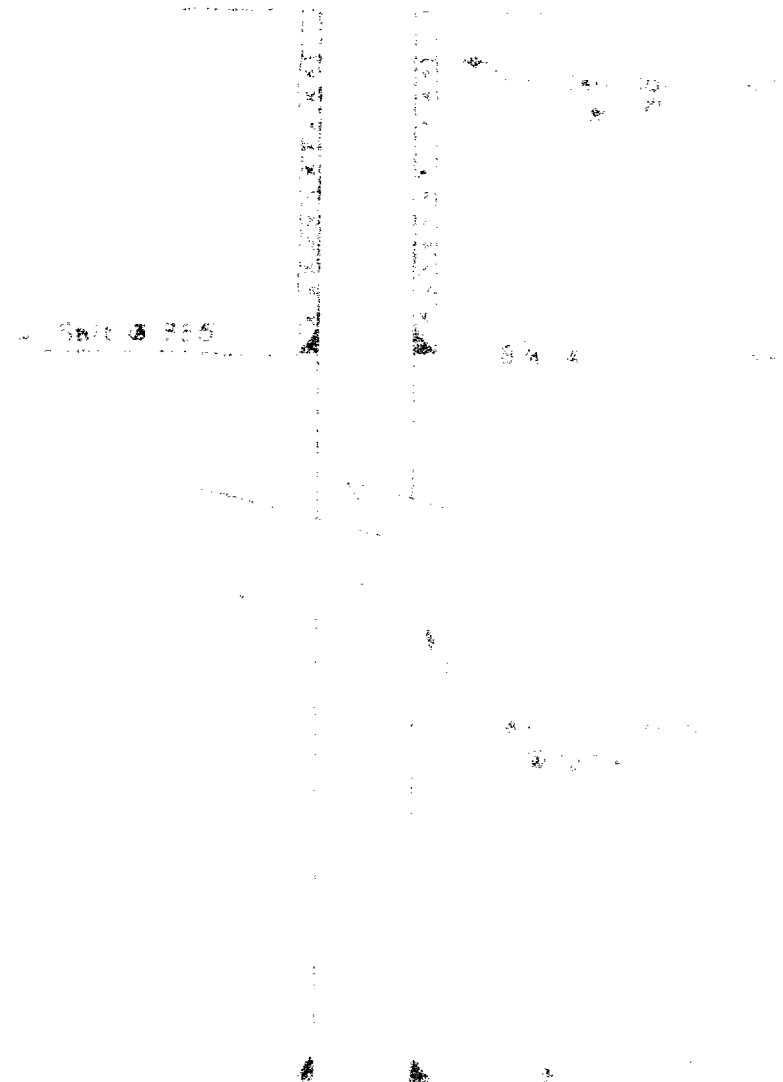


West Loco H. 100

W. 100

Comp. 2-45

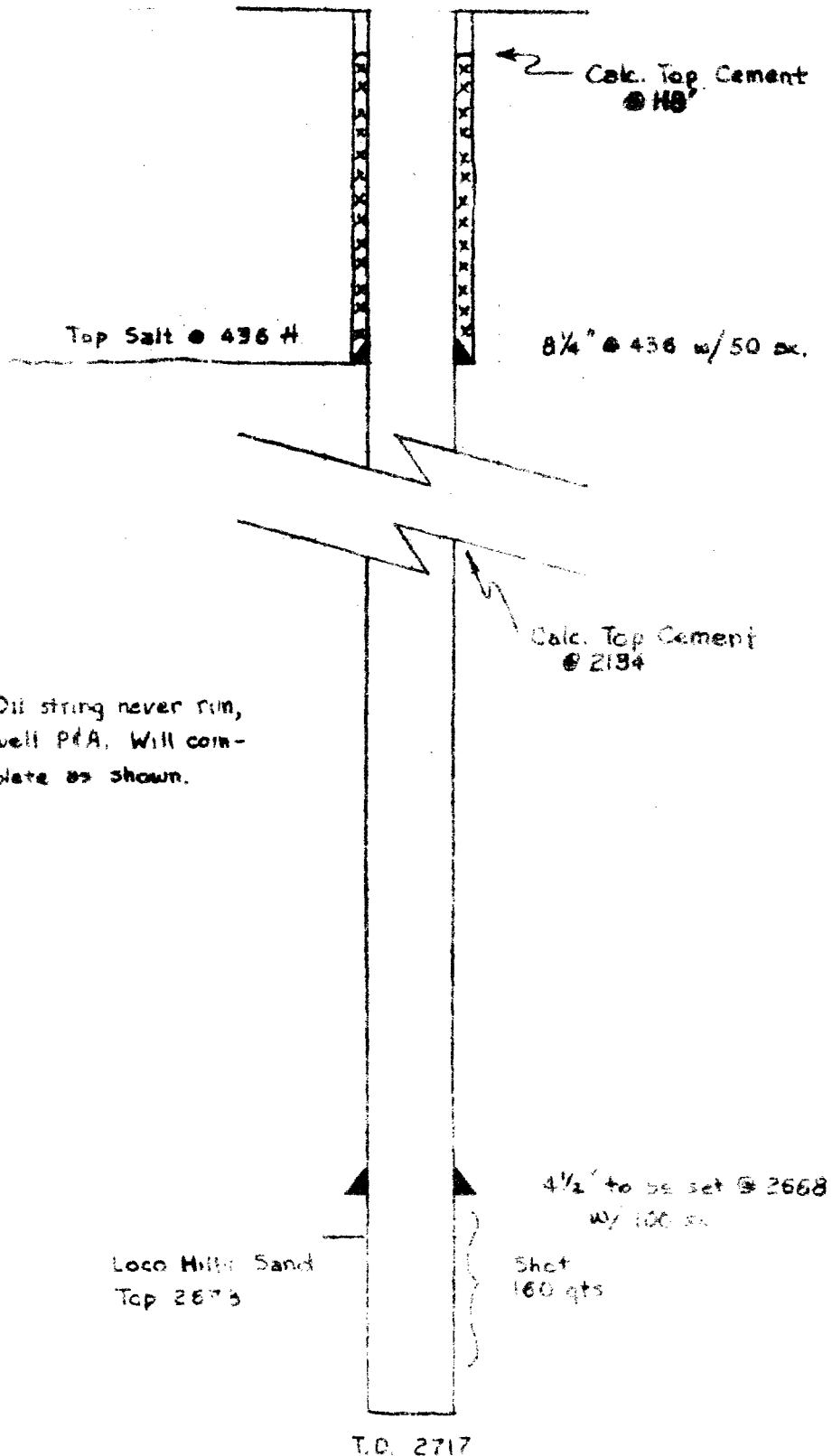
125 25 0.001



West Loco Hills Unit

Well 13B-3

Compl. 5-40
IPF (Dry)

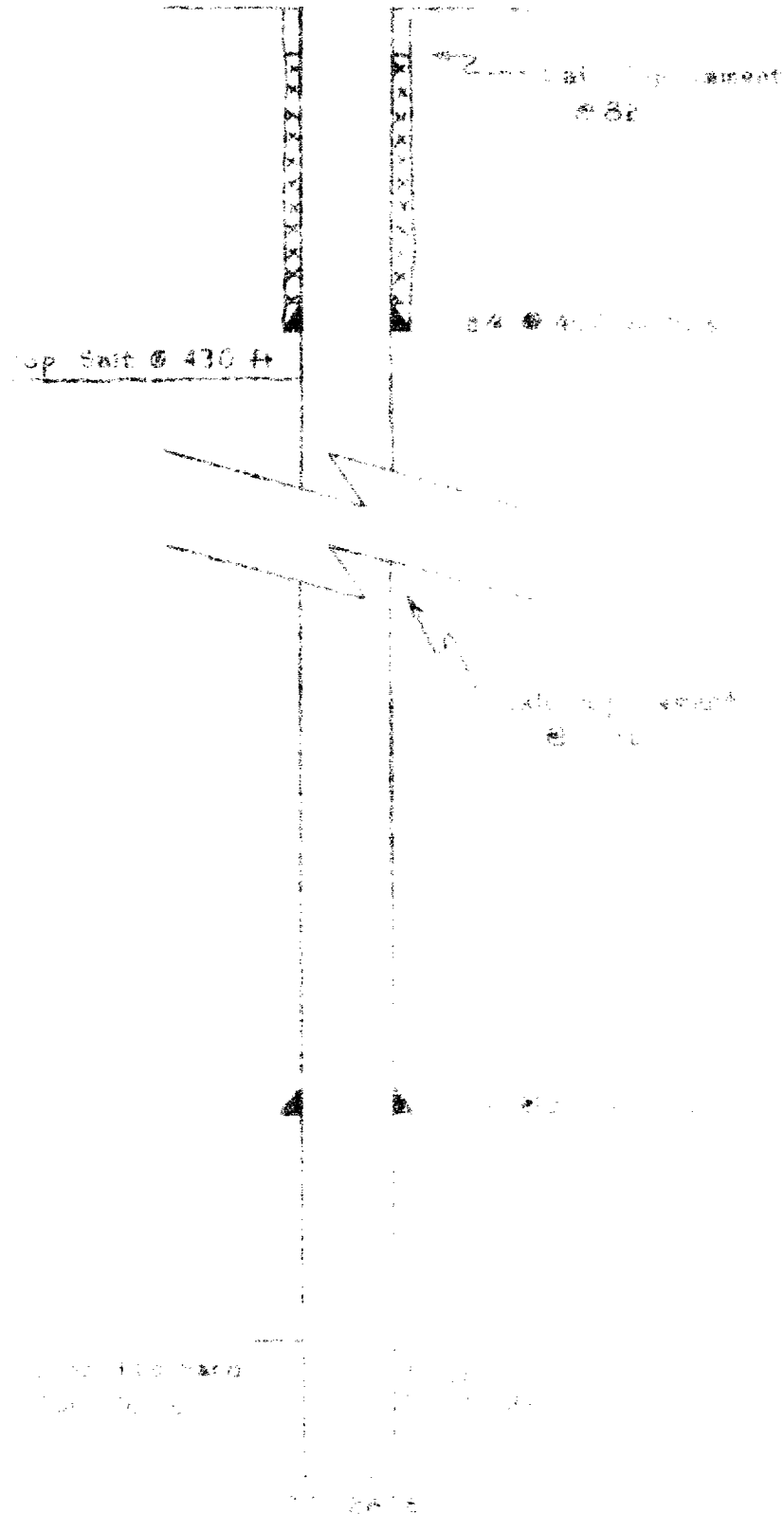


West Loco Hills Unit

Well 32A-7

Compl 2-42

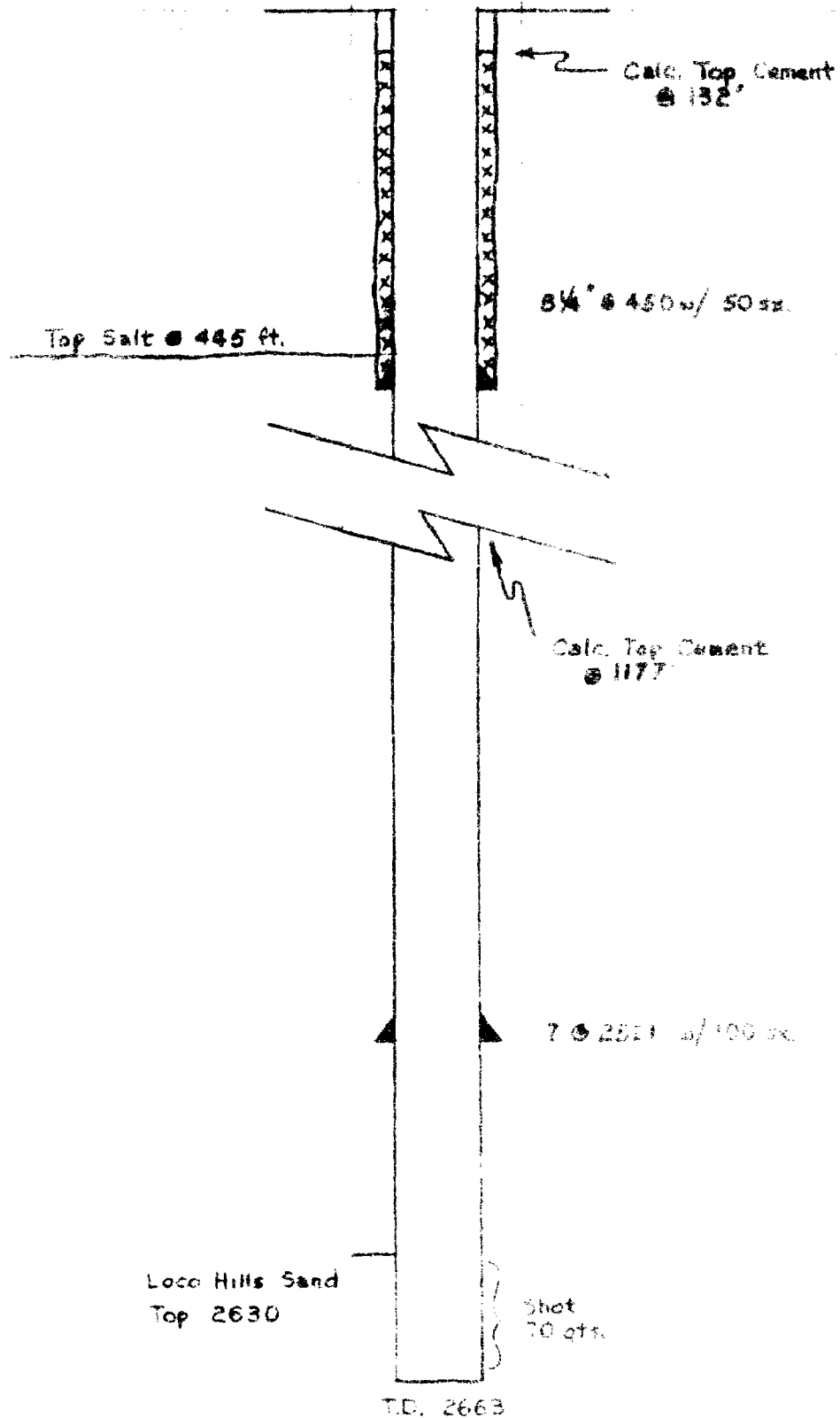
IPF 264 bopd



West Loco Hills Unit

Well 35-11

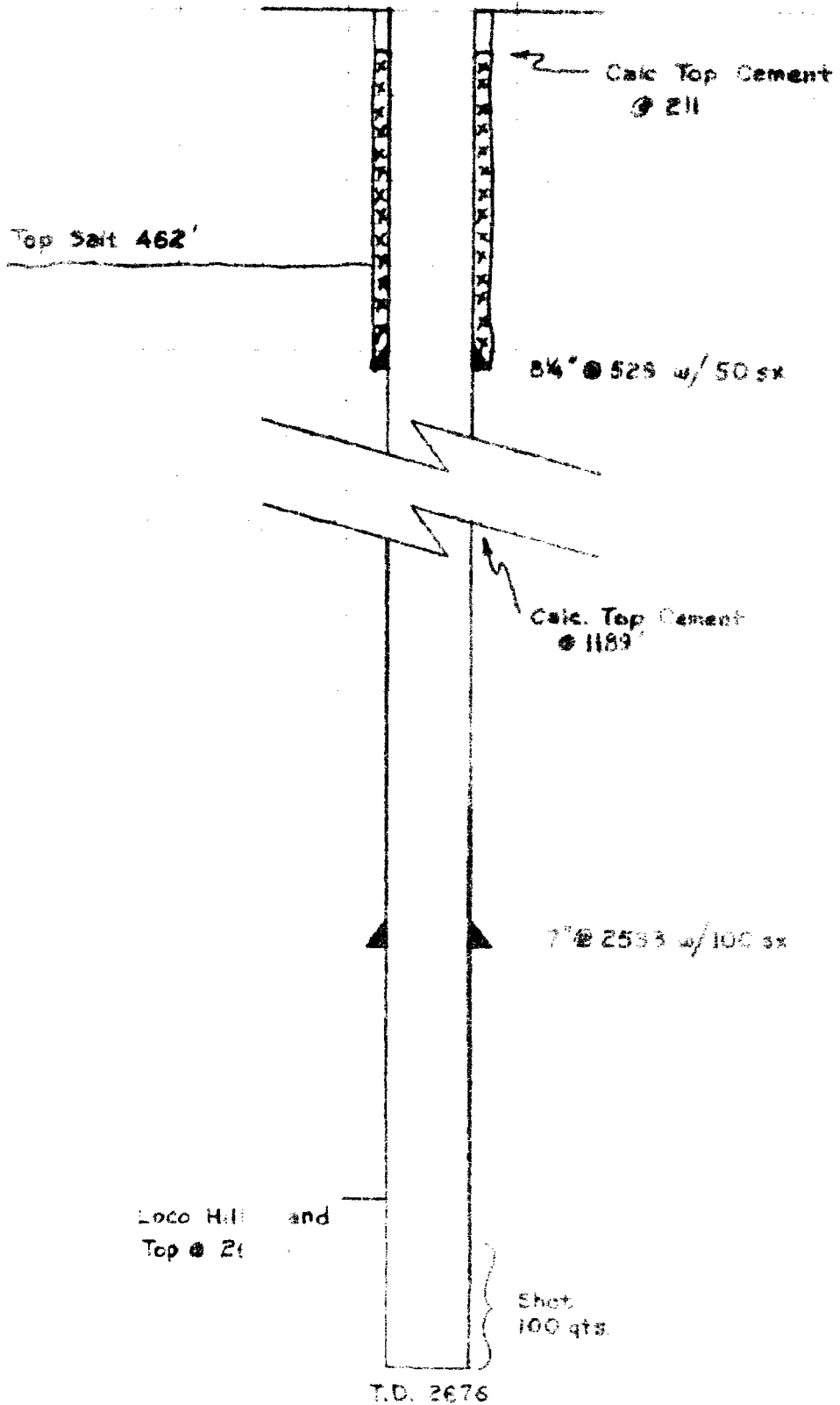
Compl. 2-40
IPF 600 bopd



West Loco Hills Unit

Well 37-2

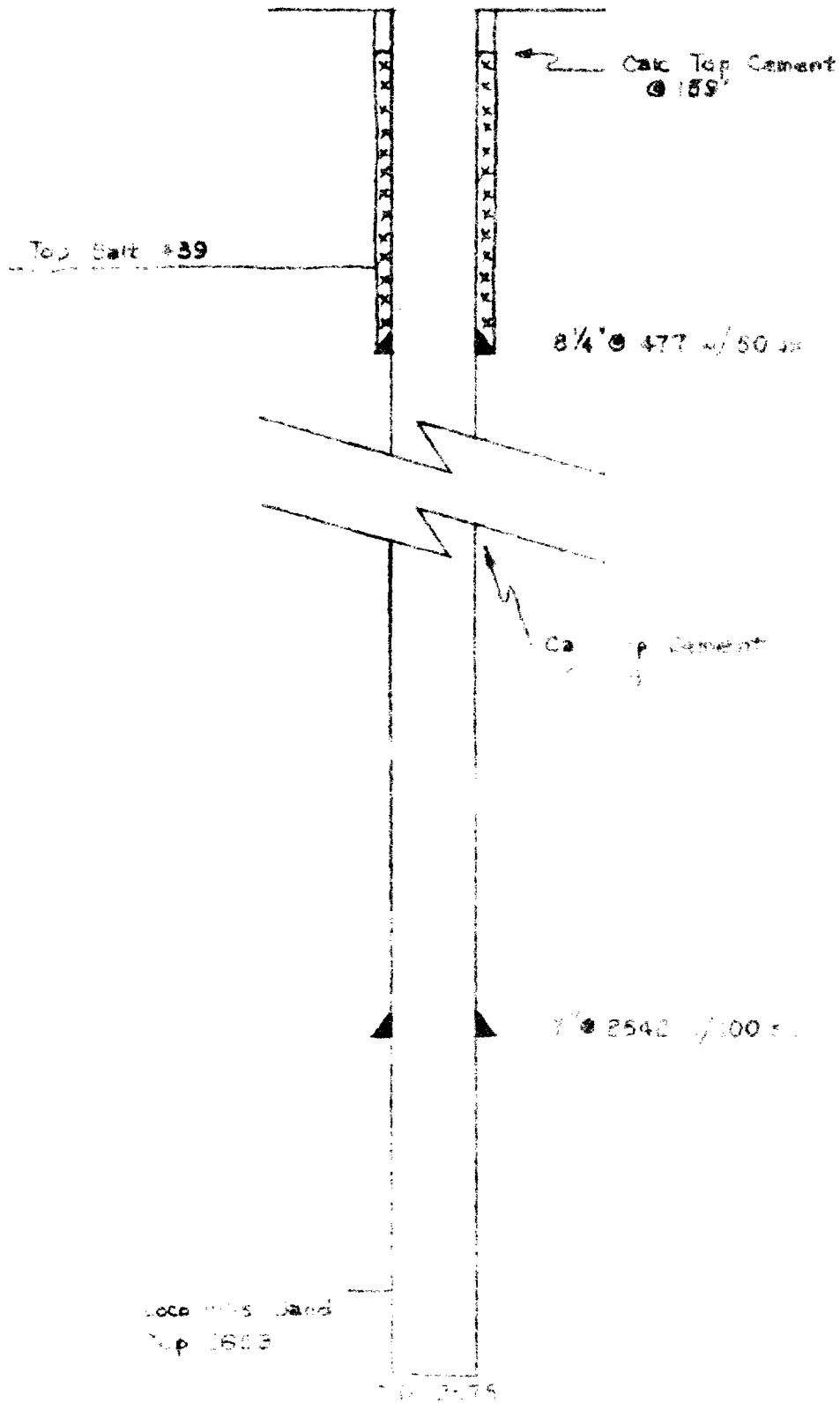
Compl. 11-39
IPF 150 bopd



West Loco Hills Unit

Well 38-1

Compl. 1-40
IPF 1200 bopd

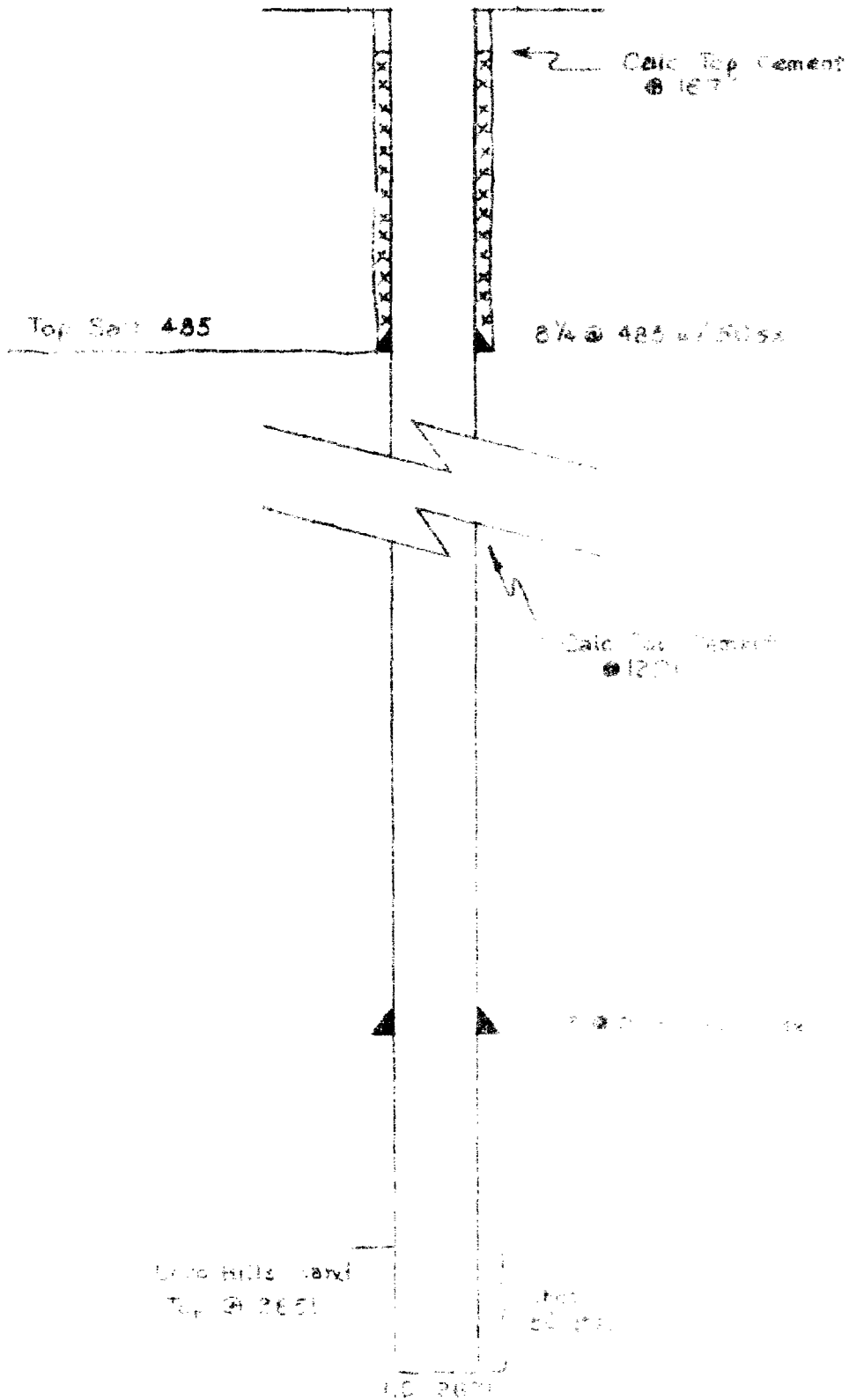


West Loco Hills Unit

Well 38-3

Compl. 6-40

IPF 864 bopd



West Loco Hills Unit

Well 39-1

Compl. 10-39
IPF 630 bopd

Top Well 448'

8% @ 449 w/ 50 b

Calc Top Cement
@ 1213

West Loco Hills Sand
Top 2657

72 15

West Loco Hills Unit

Well 39-4

Comp. 8-40
IPF 344 bopd

Top Salt 520

Calc. Top Cement
@ 148'

8" @ 529 w/100 sx.

Calc. Top Cement
@ 1216

7" @ 2562 w/100 sx

Loco Hills Sand
Top 2678

Shot
120 qts.

T.D. 2705

NEWMONT OIL COMPANY

ROWLEY BUILDING
ARTESIA, NEW MEXICO

November 26, 1963

1417 OFFICE 000

1963 NOV 27 PM 1 27
NEW MEXICO
DISTRICT OFFICE

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

Gentlemen:

We are in receipt of a letter from Mr. S. E. Reynolds, State Engineer, dated November 20, 1963, pertaining to conversion of 15 wells in Newmont's West Loco Hills Unit.

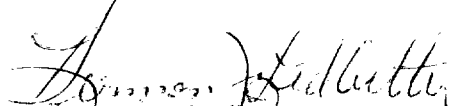
Mr. Reynolds states that he has "no objection to granting this application, provided injection is down tubing under a packer set well below the cement surrounding the oil string in the following wells: 1-5, 4A-1, 6-3, 13B-3, 32A-7, 35-1, 38-3."

This is to inform you that Newmont will comply with Mr. Reynold's requirement. Injection into the questioned wells will be under a packer on tubing run at the time of conversion.

A copy of this letter has been sent to Mr. Reynolds.

Yours very truly,

NEWMONT OIL COMPANY


Herman J. Ledbetter
District Superintendent

RJC/
HJL-sf



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

November 20, 1963

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

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 11, 1963 which seeks to convert the following wells in the West Loco Hills Grayburg No. 4 Sand Unit:

<u>TRACT</u>	<u>WELL</u>	<u>UNIT</u>	<u>SECTION</u>
1	4	M	7-18-30
1	5	K	7-18-30
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38	1	G	2-18-29
38	3	A	2-18-29
39	1	O	2-18-29
39	4	I	2-18-29

It is noted that the surface casing is quite short in several of these wells. This office offers no objection to the granting of this application provided injection is down tubing under a packer set well below the cement surrounding the oil string in the following wells: 1-5, 4A-1, 6-3, 13B-3, 32A-7, 35-1, 38-3. The tabulation shows the surface pipe on well 35-1 to be set

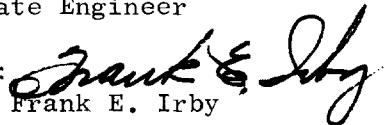
WATER RIGHTS DIVISION
1963 NOV 21 AM 11:06

4 feet above the top of the salt section and the diagrammatic sketch shows the surface pipe to be set 5 feet below the top of the salt section. I am willing to remove this well from the list requiring tubing and packer if Newmont can supply convincing evidence that the surface pipe is set into the salt section.

Yours truly,

S. E. Reynolds
State Engineer

By:



Frank E. Irby
Chief
Water Rights Division

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

