

Houston Division
Production Operations, U.S. & Canada



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SWL #199

SEP 29 1977
NEW MEXICO OIL CONSERVATION COMMISSION

September 15, 1977

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico 88240

Gentlemen:

Marathon Oil Company has recently applied for and received approval from the New Mexico Oil Conservation Commission for the injection of salt water in the Lea Unit Well No. 8. In accordance with Memo No. 3-77, received September 6, 1977, please find enclosed diagrams and tabulated information for the two wells that are located within one-half mile of the proposed salt water disposal well.

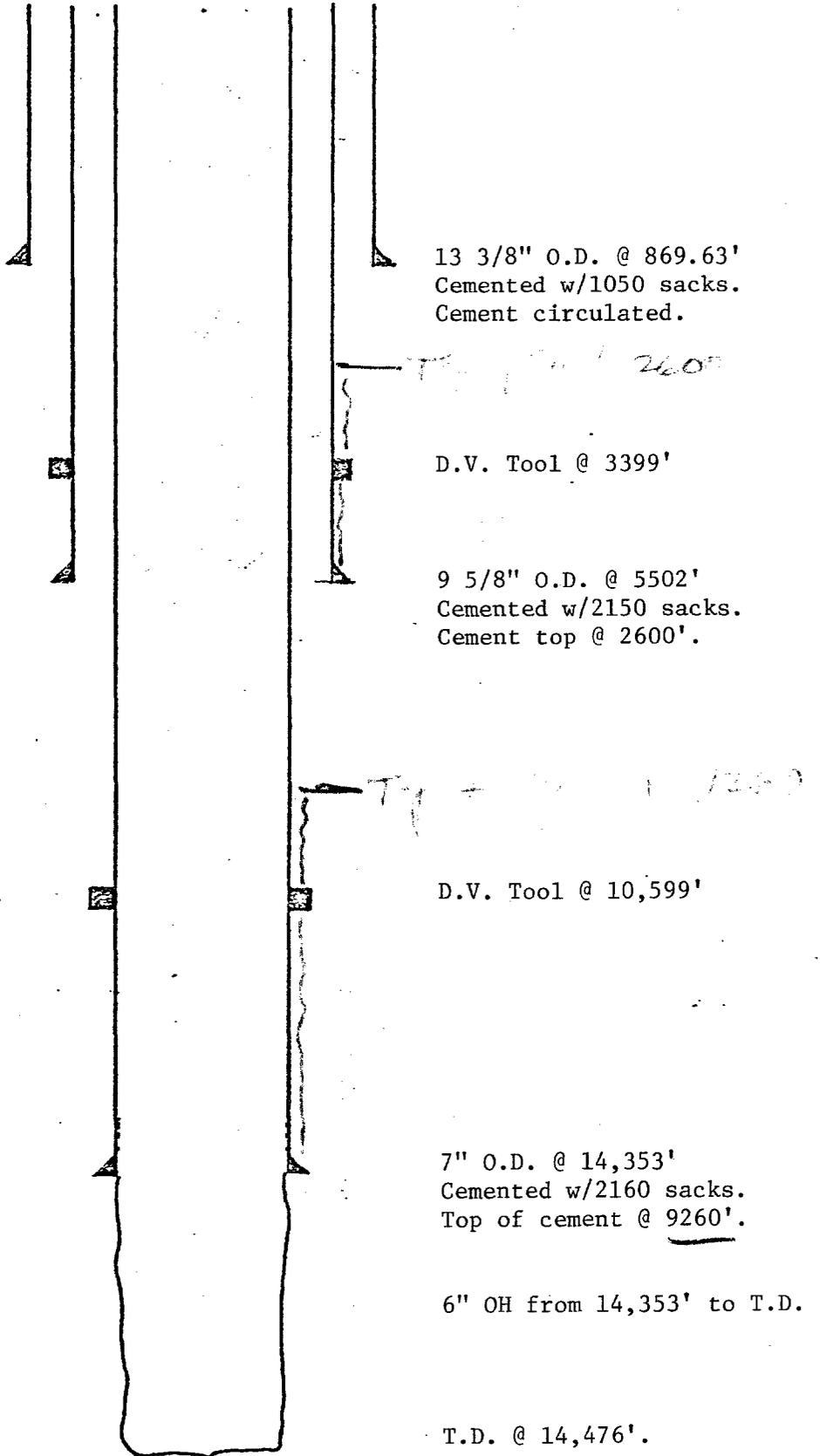
Very truly yours,

A handwritten signature in cursive script that reads 'Alex W Reid III'.

Alexander W. Reid III
Production Engineer

AWR:mfm
Enclosures

LEA UNIT WELL NO. 5, LEA DEVONIAN POOL
SEC. 12-20S-34E, 1980' FSL & 1980' FEL,
LEA COUNTY, NEW MEXICO



LEA UNIT WELL NO. 5

13 3/8" O.D. @ 869.63'
Cemented with 1,050 sacks cement.
Cement circulated.
27 jts., 48#, H-40, 0 to 869.63'.

9 5/8" O.D. @ 5502'
Cement - First Stage with 1,450 sacks
 Second Stage with 700 sacks
Cement top at 2600'.

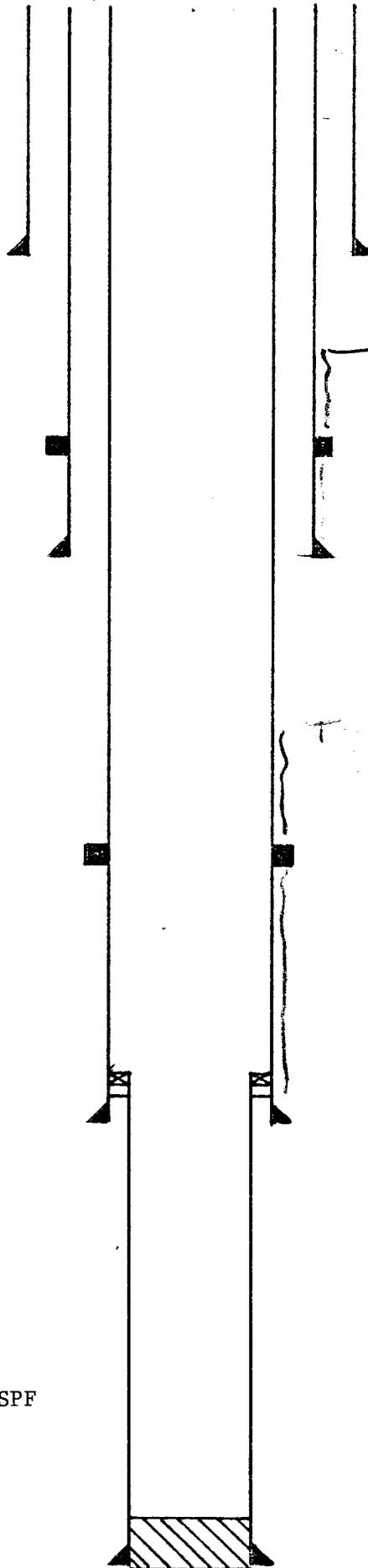
82 jts., 36#, J-55 0 to 3399.44'
 1 D.V. tool 3399.44 to 3401.67'
 5 jts., 36#, J-55 3401.67 to 3614.42'
46 jts., 40#, J-55 3614.42 to 4715.56'

7" O.D. @ 14,353'
Cement - First Stage with 1,400 sacks
 Second Stage with 760 sacks
Top of cement at 9260'

38 jts., 26#, P-110 0 to 1585.31'
67 jts., 26#, N-80 1585.31 to 4334.95'
46 jts., 26#, P-110 4334.95 to 6327.80'
78 jts., 26#, S-95 6327.80 to 9894.69'
15 jts., 29#, S-95 9894.69 to 10,599.65'
 1 D.V. tool 10,599.65 to 10,601.79'
30 jts., 29#, S-95 10,601.79 to 12,006.13'
58 jts., 29#, P-110 12,006.13 to 14,353.10'

Producing interval - Devonian
OH from 14,353.1 to 14,476'
Devonian formation top @ 14,341'

LEA UNIT WELL NO. 2, LEA DEVONIAN
 SEC. 12, T20S, R34E, 1980' FNL & 1980' FWL
 LEA COUNTY, NEW MEXICO



13 3/8" O.D. @ 451'
 Cemented w/600 sacks.
 Cement circulated.

D.V. Tool @ 3419'

9 5/8" O.D. @ 5006'
 Cemented w/2,900 sacks.
 Cement top @ 2512'.

D.V. Tool @ 10,596.3'.

7" O.D. @ 14,100.00'
 Cemented w/2,050 sacks.
 Cement top 8000'.

Devonian perms @ 14,387-
 414' and 14,431-461' w/4 JSPF

T.D. 14,501'

PBD 14,476'

4 1/2" liner @ 14,499'.
 Cemented w/125 sacks.
 Cement top @ 14,009'.

LEA UNIT WELL NO. 2
CASING AND CEMENTING RECORD

13 3/8" O.D. @ 451'
Cemented with 600 sacks.
Cement circulated.

21 jts., 48#, H-40 0-851.34'

9 5/8" O.D. @ 5006'.
Cemented with - First Stage 700 sacks
 Second Stage 2,200 sacks
Cement top @ 2512'

84 jts., 36#, J-55	0 to 3416.93'
1 D.V. Tool	3416.93' to 3419.18'
10 jts., 36#, J-55	3419.18' to 3835.80'
10 jts., 40#, J-55	3835.80' to 4257.37'
19 jts., 40#, N-80	4257.37' to 5006'

7" O.D. @ 14,100'
Cemented with - First Stage 1,150 sacks
 Second Stage 900 sacks
Cement top @ 8000'.

11 jts., 26#, P-110	0 to 442.57'
172 jts., 26#, N-80	442.57' to 7503.53'
66 jts., 26#, P-110	7503.53' to 10,182.77'
10 jts., 29#, P-110	10,182.77' to 10,593.81'
1 D.V. Tool	10,593.81' to 10,596.13'
85 jts., 29#, P-110	10,596.13' to 14,100.00'

Liner - 4 1/2" O.D.
Cemented with 125 sacks
Cement top @ 14,009'.

12 jts., 14.78#, P-110 14,010.39' to 14,476.92'

T.D. 14,501'
PBD 14,476'

Producing interval - Devonian, perfs 14,387-414' and 14,431-461' with
4 JSPF

Devonian formation top @ 14,317'