

Case # 1183

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NOV 11 1956

Drawer D
Monument, New Mexico
November 3, 1956

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

Re: Application to Recomplete
Amerada State BT"D" No. 4,
Bagley-Pennsylvanian Pool,
Lea County, New Mexico as
a salt water disposal well.

*Sent copy of
Docket
to Bill
on
11/10/56*

Gentlemen:

By this letter of application Amerada Petroleum Corporation wishes to state the following:

- A. That Amerada Petroleum Corporation State BT"D" No. 4, located in the SE/4 of the SW/4 of Section 2, Township 12-S, Range 33-E, was completed as an oil well at a total depth of 9,500 feet in the Pennsylvanian Formation on August 14, 1951. The attached exhibit "A" shows the location of this well on the Amerada State BT"D" Lease together with the location of all offset wells.
- B. That oil production from the Amerada State BT"D" No. 4 has declined such that further operation has been considered economically infeasible.
- C. That water production in the Bagley area (i.e., the Bagley-Pennsylvanian and Devonian Pools), in which the subject well is located, is increasing and disposal is difficult. The current rate of water production is 7600 barrels per day.
- D. That Amerada Petroleum Corporation wishes to re-complete the Amerada State BT"D" No. 4, a depleted oil well, in the manner necessary to dispose of the current Bagley-area water production. The proposed recompletion will be done in the following manner:
 1. Drill out cement from 9085 to 9250 feet.
 2. Spot cement plug 9230-9250 feet.
 3. Acidize open hole 9100-9230.
 4. Perforate existing 5-1/2 inch casing 9055-9090 feet.
 5. Wash perforations with acid and complete well for injection.

*E to Gen
Smith
J T & P
on 11/10/56*

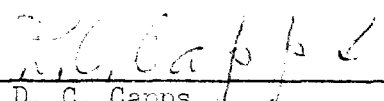
November 3, 1956

- E. The proposed zone of injection, from 9045 to 9230, is in the Pennsylvanian formation and is not productive of oil or gas in commercial quantities. (Exhibit B)
- F. That the present method of disposal of salt water in open evaporation pits is inadequate.
- G. That the manner and method of the proposed injection is both mechanically feasible and practical.

Therefore, Amerada Petroleum Corporation requests that the Oil Conservation Commission set a certain day, on which this application may be heard and after said hearing grant permission to the applicant to recomplete the subject well as a salt water disposal well in the manner proposed in this application.

Respectfully submitted,

AMERADA PETROLEUM CORPORATION


D. C. Capps
District Superintendent

DCC/WGA/vh

cc: Texas Pacific Coal & Oil Co.
Box 1688
Hobbs, New Mexico

Gulf Oil Corporation
Box 2167
Hobbs, New Mexico

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H
S

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12
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Zone #1 ~~Bottom~~
Appraisal TPC#

TPC 10

1000 may be in same group

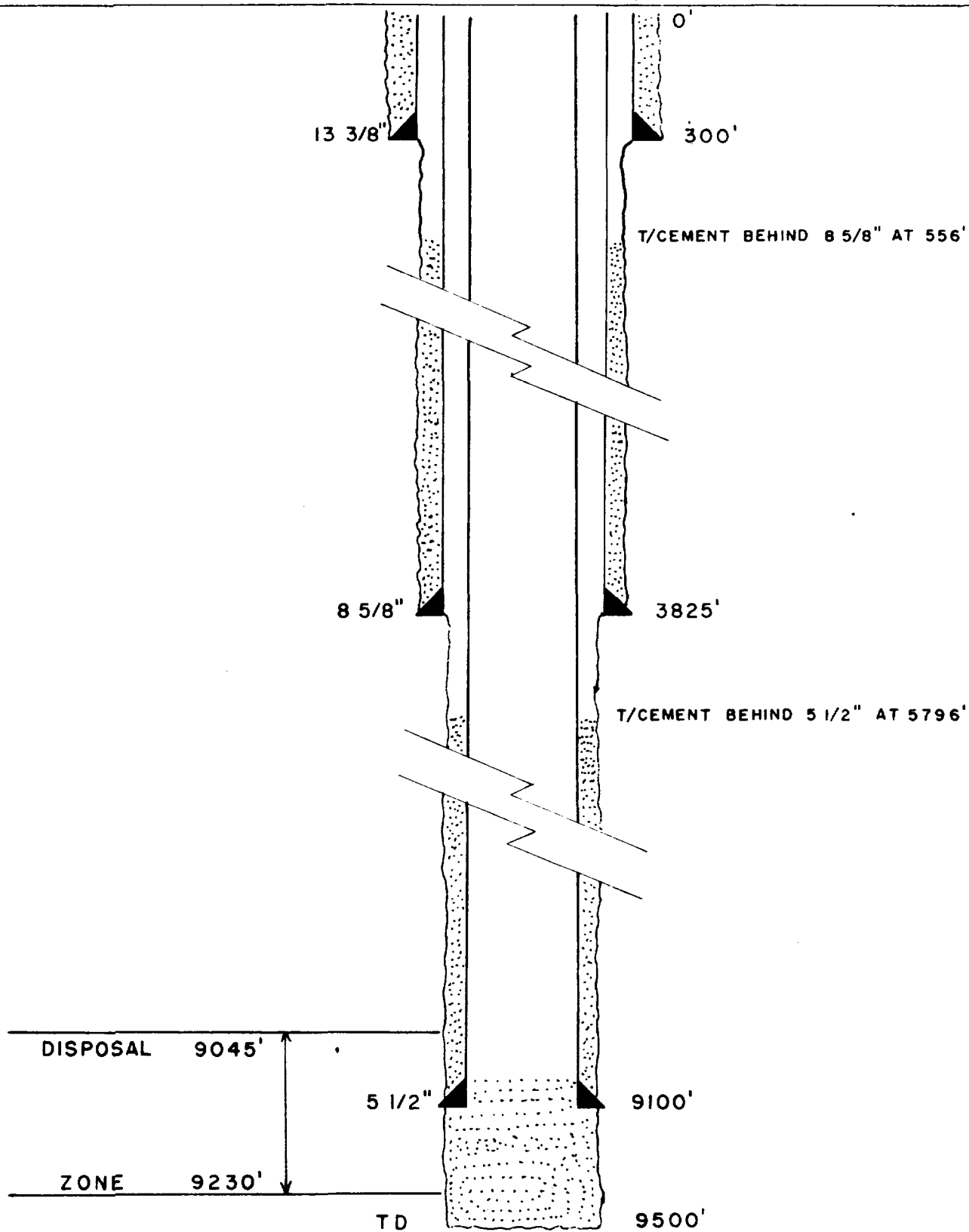
LEA COUNTY, NEW MEXICO

Comp. 9500
TD in Power
8-14-51

orig perf 9045-9055
in open cell perf's 9045-9055
6 well

SCALE 1 INCH = 2000 FEET

~~Exhibit "A"~~



AMERADA PETROLEUM CORPORATION
 Proposed Recompletion to A Salt Water Disposal Well
 Bagley Pool, Lea County, New Mexico
 Amerada State BT"D" No. 4, SE/4 SE/4 2-12S-33E

sub 4

Exhibit "B"