

TEXACO INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT
MIDLAND DIVISION



P. O. Box 352
Midland, Texas
December 1, 1959

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

Re: Application to Dispose of Salt Water
By Injection into a Porour Formation
Not Productive of Oil or Gas,
TEXACO Inc., Mary B. Weir "B" Well
No. 5, located 660' FSL and 766' FWL
of Section 7, T-20-S, R-34E, Skaggs
Pool, Lea County, New Mexico

Gentlemen:

Attached is TEXACO's application to dispose of produced salt water in the Skaggs, Skaggs Drinkard, Skaggs Glorieta, and Eumont Pools, Lea County, New Mexico, into the subject well by injection into a porous formation not productive of oil or gas. The proposed disposal zone is in the San Andres formation of Permian age. Waivers of hearing, executed by the landowner and offset operators, are also attached. We would like to call to your attention the waiver executed by Bill L. Sweet, oil operator. This waiver was executed by Mr. Sweet as operator for C. H. Sweet and Sweet Equipment Company.

Copies of this application and waivers were sent by registered mail to the New Mexico State Engineer on December 1, 1959.

Yours very truly,

A handwritten signature in cursive script, appearing to read "J. G. Blevins, Jr.".

J. G. Blevins, Jr.
Assistant District Superintendent

BBB-MAB

CC: New Mexico State Engineer

Attachments

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator TEXACO Inc. Address P. O. Box 352, Midland, Texas

Lease Mary B. Weir "B" Well No 5 County Lea

Unit M Section 7 Township 20-S Range 38-E

This is an application to dispose of salt water produced from the following pool(s):

Skaggs, Eumont, Glorieta and Drinkard

Name of Injection Formation(s) San Andres

Top of injection zone 4105 Bottom of injection zone 4228'

Give operator, lease, well no., and location of any other well in this area using this same

zone for disposal purposes Rice Engineering and Operating Inc. State of New Mexico "H"

Lease Well No. H-20, Unit H, Sec. 20, T-20-S, R-37-E; same operator has SWD well on Adkins

Lease Well No. M-5, Unit M, Sec. 5, T-20-S, R-37-E.

CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	13-3/8	325	350	Circulated
Intermediate	8-5/8	4105	2300	1500
	7	2094	1000	Circulated
Long String	5-1/2	9200	350	7300

Will injection be through tubing, casing, or annulus? Tubing

Size tubing 2-7/8" OD Setting depth 4150' Packer set at 2050'

Name and Model No. of packer Baker Model "D" Retainer Production Packer

Will injection be through perforations or open hole? Open hole

Proposed interval(s) of injection 4105' to 4228'

Well was originally drilled for what purpose? Oil production

Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

See attached Diagram I; schematic of M. B. Weir "B" Well No. 5

Give depth of bottom of next higher zone which produces oil or gas 4090'

Give depth of top of next lower zone which produces oil or gas 5290'

Give depth of bottom of deepest fresh water zone in area 1350'

Expected volume of salt water to be injected daily (barrels) 139 min. 2000 max.

Will injection be by gravity or pump pressure? Gravity Estimated pressure: None

Is system open or close type? Semi-closed Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

List all offset operators to the lease on which this well is located and their mailing address

Cities Service Oil Company, P. O. Box 97, Hobbs, New Mexico

Tidewater Oil Company, P. O. Box 547, Hobbs, New Mexico

C. H. Sweet, 709 East Yucca, Hobbs, New Mexico

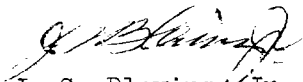
Sweet Equipment Company, 709 East Yucca, Hobbs, New Mexico

Name and address of surface owner W. M. Walker, 129 South Grimes, Hobbs, New Mexico

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes

Is a complete electrical log of this well attached? Radioactive log

Operator: TEXACO Inc.


By:  J. G. Blevins, Jr.

Title: Assistant District Superintendent

STATE OF New Mexico)
) ss.
County of Lea)

BEFORE ME, The undersigned authority, on this day personally appeared J. G. Blevins, Jr. known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 2 day of November, 19 59.


Notary Public in and for the County of Midland

6-1-61
My Commission Expires

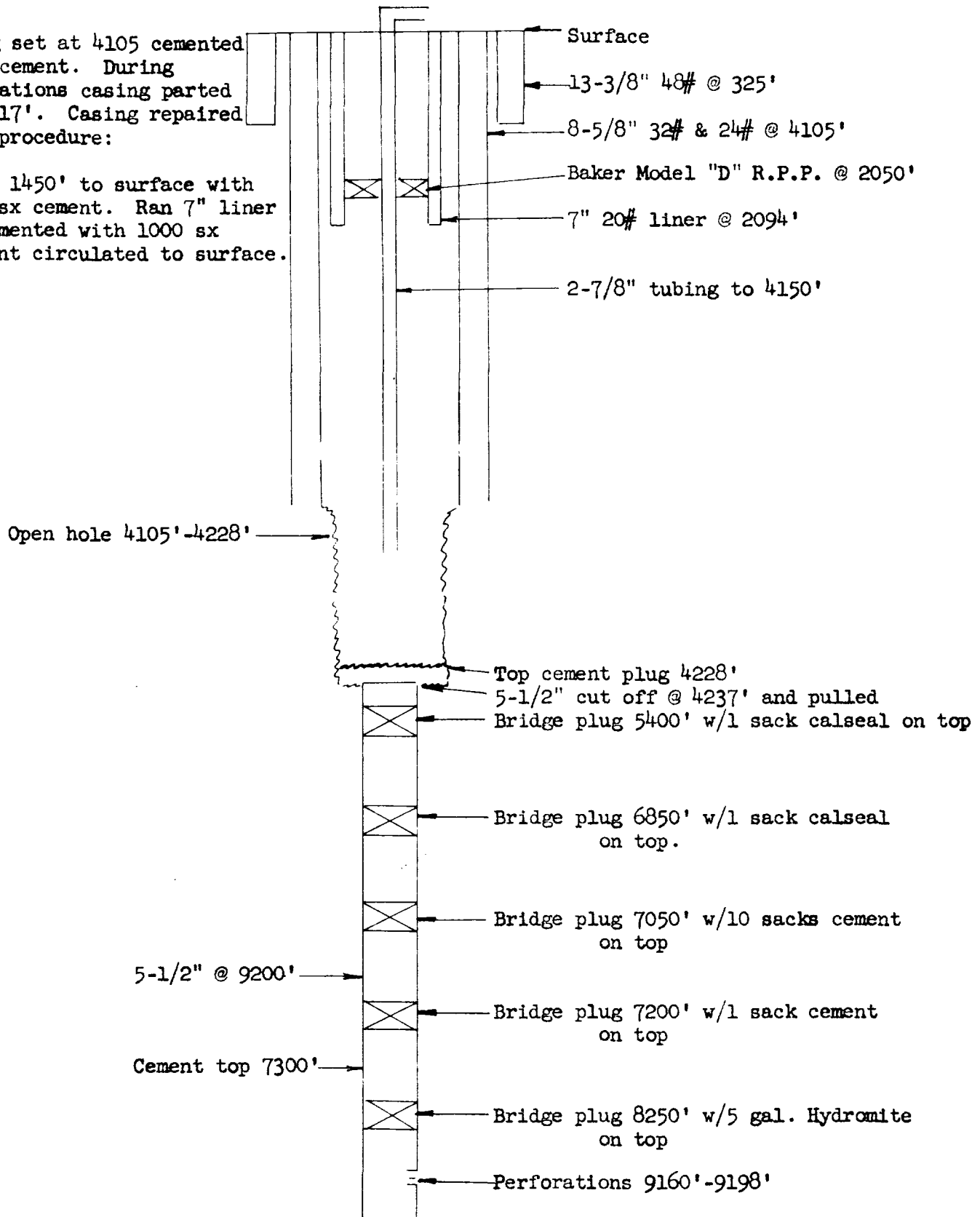
NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

DIAGRAM II

SCHEMATIC OF M. B. WEIR "B" WELL NO. 5

8-5/8" casing set at 4105 cemented with 2300 sx cement. During drilling operations casing parted at 666' and 117'. Casing repaired by following procedure:

Squeezed from 1450' to surface with total of 815 sx cement. Ran 7" liner to 2094'. Cemented with 1000 sx cement. Cement circulated to surface.



CONDITION OF WELL DURING SALT WATER DISPOSAL

1952-53

CITIES SERVICE OIL COMPANY

W. D. Davis

Date November 9, 1959