GENERAL AMERICAN OIL COMPANY OF TEXAS

DISTRICT OFFICE BOX 416 LOCO HILLS, NEW MEXICO SS255 March 27, 1968

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Mr. A. L. Porter Secretary-Director New Mexico Oil Conservation Commission Action 16 P. O. Box 2088 Santa Fe, New Mexico 87501

Dear Sir:

- - **-**--

General American Oil Company of Texas hereby makes application for administrative approval to convert its Bosworth #2, Brewer #7, Brewer #10 and Brewer #16 wells to water injection in its East High Lonesome Penrose Sand Flood Unit. This flood was approved under Order No. R-2443 and expanded under Order No. WFX 235.

Attached in accordance with Rule 701 are the following:

- (1.) A plat showing the proposed injection wells and all wells within a two mile radius and the formations from which they produce or have produced.
- (2.) A portion of the available logs on the proposed injection wells.
- (3.) A diagrammatic sketch of the proposed injection wells showing casing, cement, tubing, packer, open hole, ect.
- (4.) A copy of the letter sent to the Office of the State Engineer.
- (5.) Form C-116 showing response to proposed wells from water injection.

By converting these wells it is felt that a better sweep efficiency can be obtained to the remaining producing wells. All four of these wells have become such high water cut wells that they are no longer economical to operate as producers. These conversions should give us a better sweep from the south side of this project. Page -2-March 27, 1968

. . .

The water will be injected into the Penrose Sand just below 2000¹. The water injected will be a mixture of Caprock water and produced water. Probable injection rates will be about 200 barrels per day.

A copy of this application is also being sent to Depco Inc. who is the only offset operator to this project.

Respectfully submitted,

GENERAL AMERICAN OIL COMPANY OF TEXAS

By: <u><u>1</u> 5 <u>1</u> <u>a</u> <u>d</u><u>u</u> W. E. Walter</u>

District Superintendent

WEW/rc Encls.

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March 27, 1968

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Mr. A. L. Porter Secretary-Director	RECEIVED	"68 Apr 3 Am 8 33
New Mexico Oil Conservation Commission P. O. Box 2088	APR 2 1958	1.211 - 102 (
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Note. Well #7 is a part of alternate Stage III

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DEPCO, Inc.

Exploration & Production



800 Central ODESSA, TEXAS 79760

April 1, 1968

Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Attn: Mr. A. L. Porter, Jr. Secretary-Director and the second second

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Dear Sir:

General American Oil Company has informed DEPCO, Inc. of their plans to convert the following East High Lonesome Waterflood Unit wells to water injection status: the Bosworth No. 2, Brewer No. 7, 10 and 16.

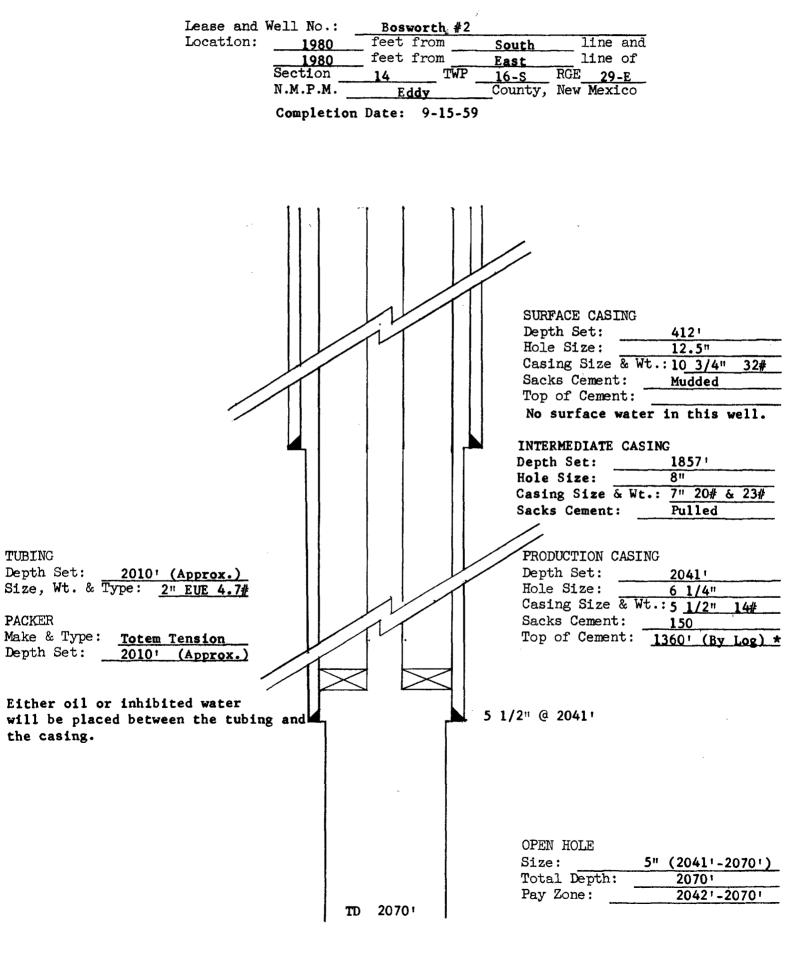
There will be no objection by DEPCO, Inc. to these conversions.

Yours truly, eatis

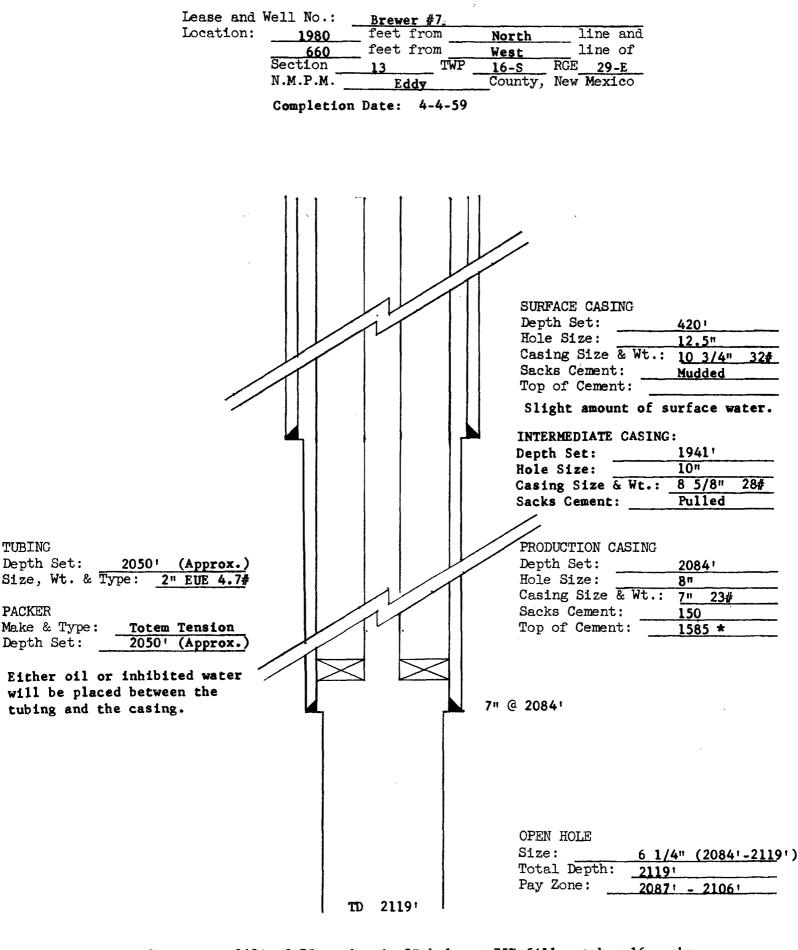
R. D. Yeates District Engineer

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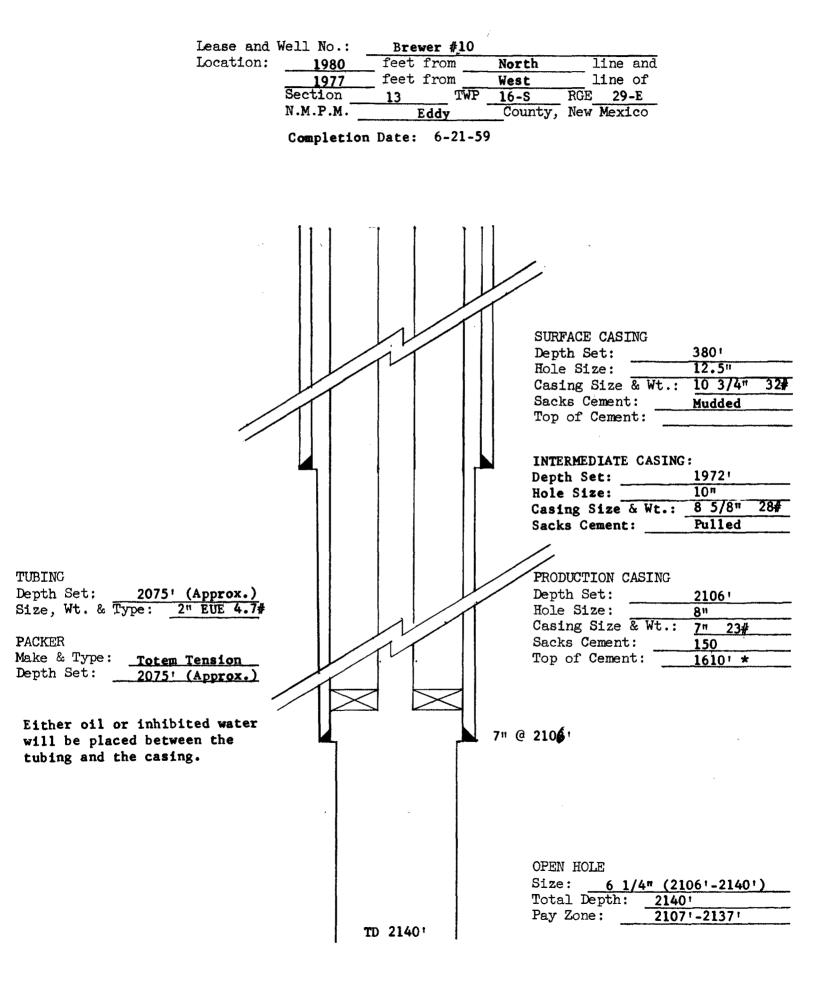
cc: JMS, file



*Calculated Top of Cement: 184' of 5 1/2" casing in 6 1/4" hole at 75% fillup takes 12 sacks leaving 138 sacks to fill 559 feet between 5 1/2" casing and 8" hole at 75% fillup. Calculated top of cement



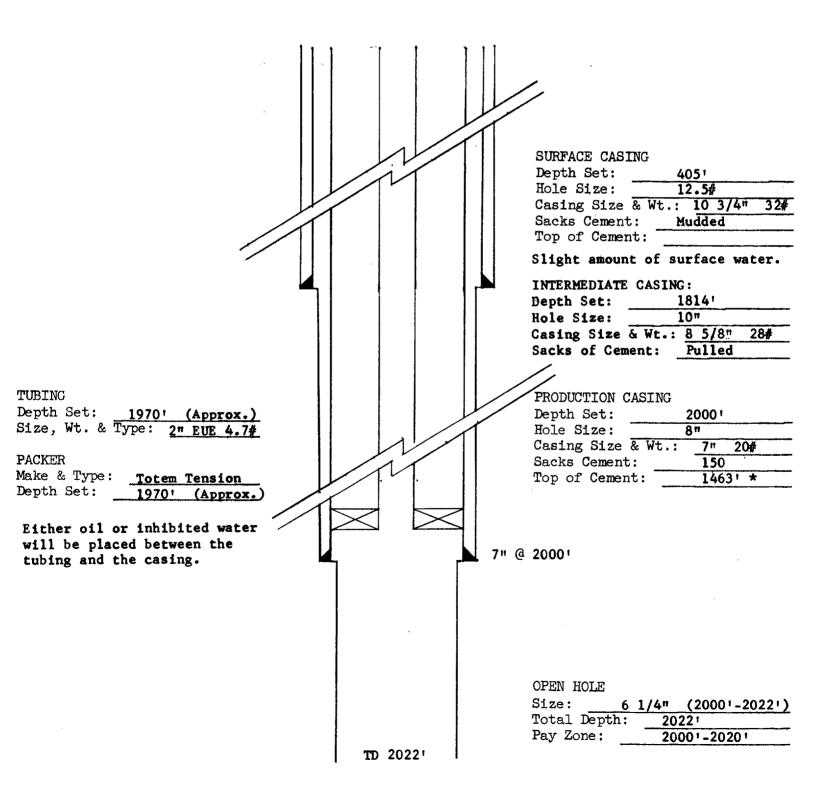
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*Calculated Top of Cement: 134' of 7" casing in 8" hole at 75% fillup takes 16 sacks leaving 134 sacks to fill 362 feet of hole between 7" casing and 10" hole at 75% fillup. Top of cement calculates to be 1610'.

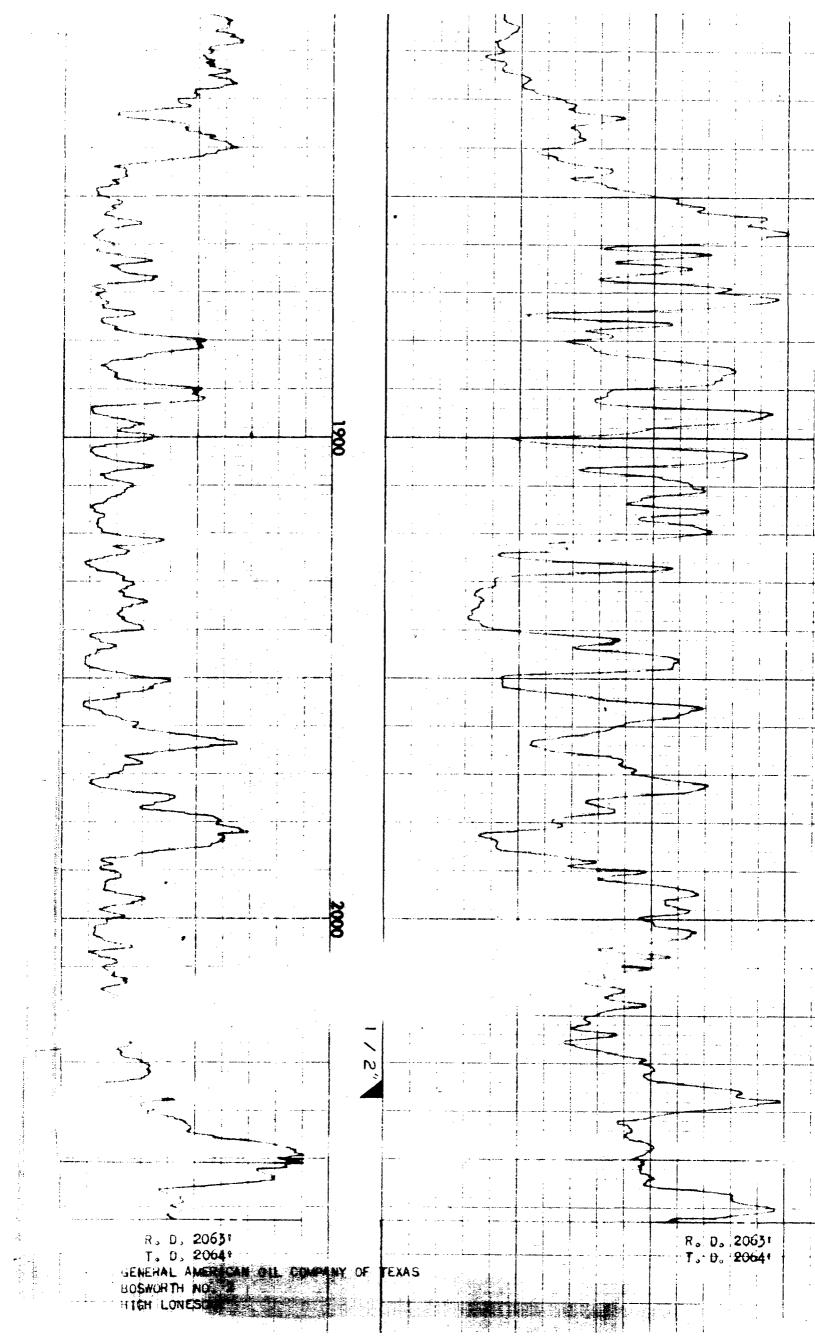
Lease and	Well No.:	Brewer #16		
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	660	feet from	West	line of
	Section	14 TWP	16-S	RGE 29-E
	N.M.P.M.	Eddy	County,	New Mexico

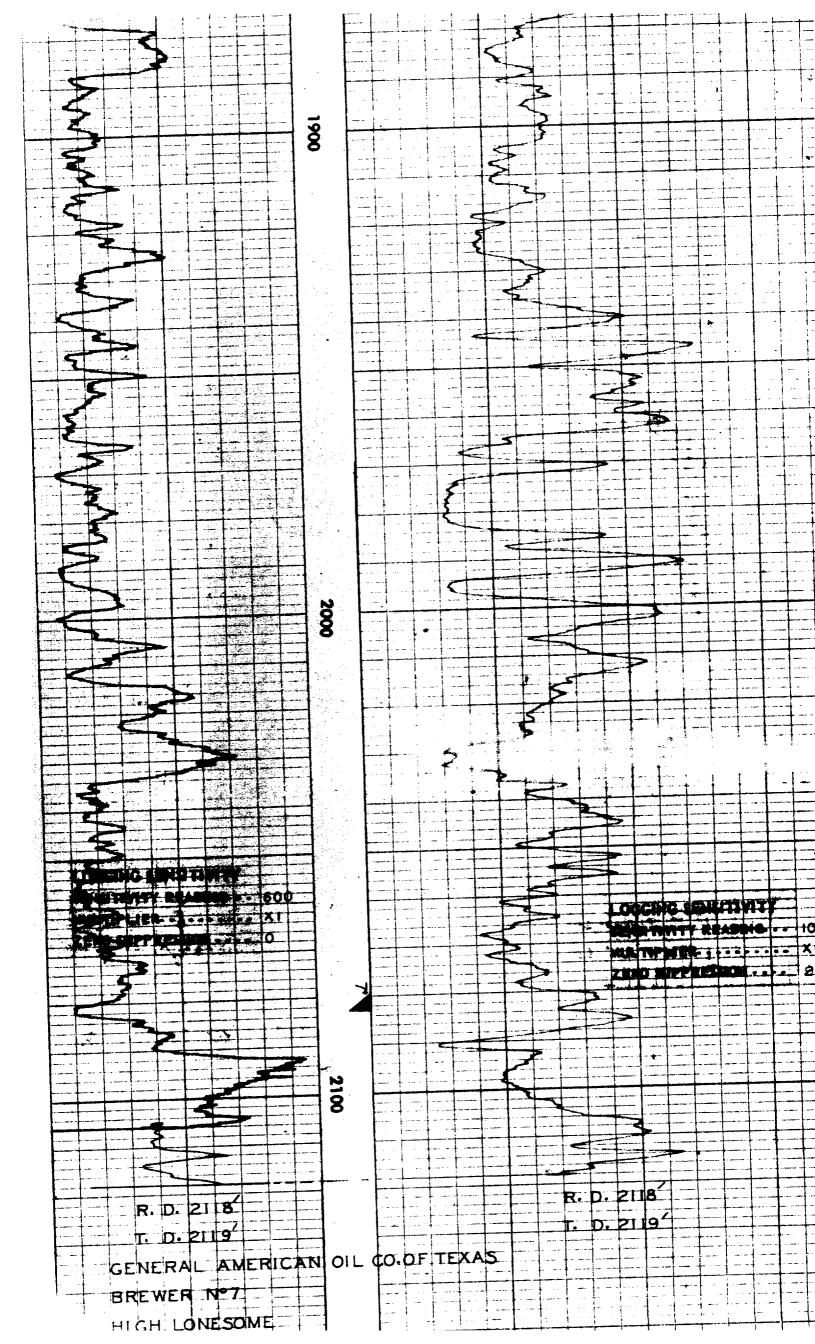
Completion Date: 8-2-59

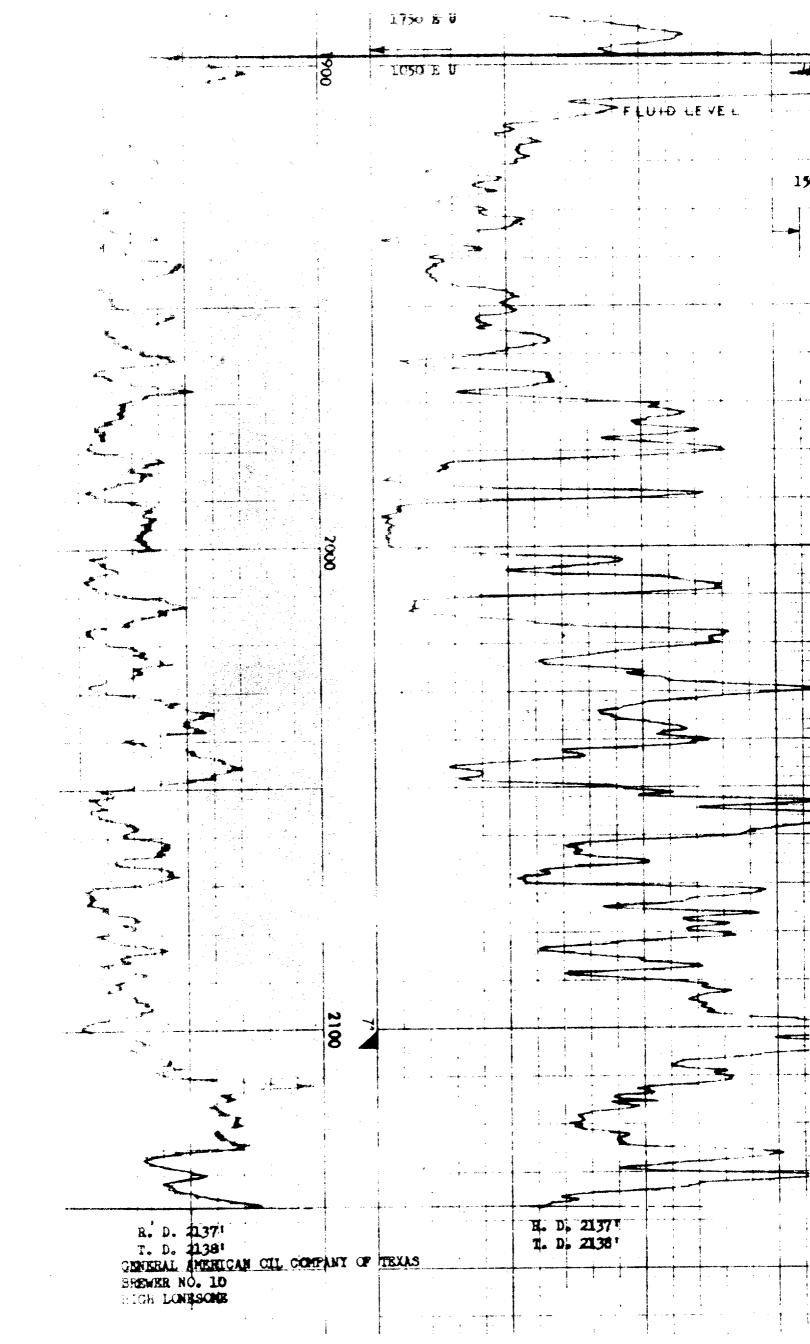


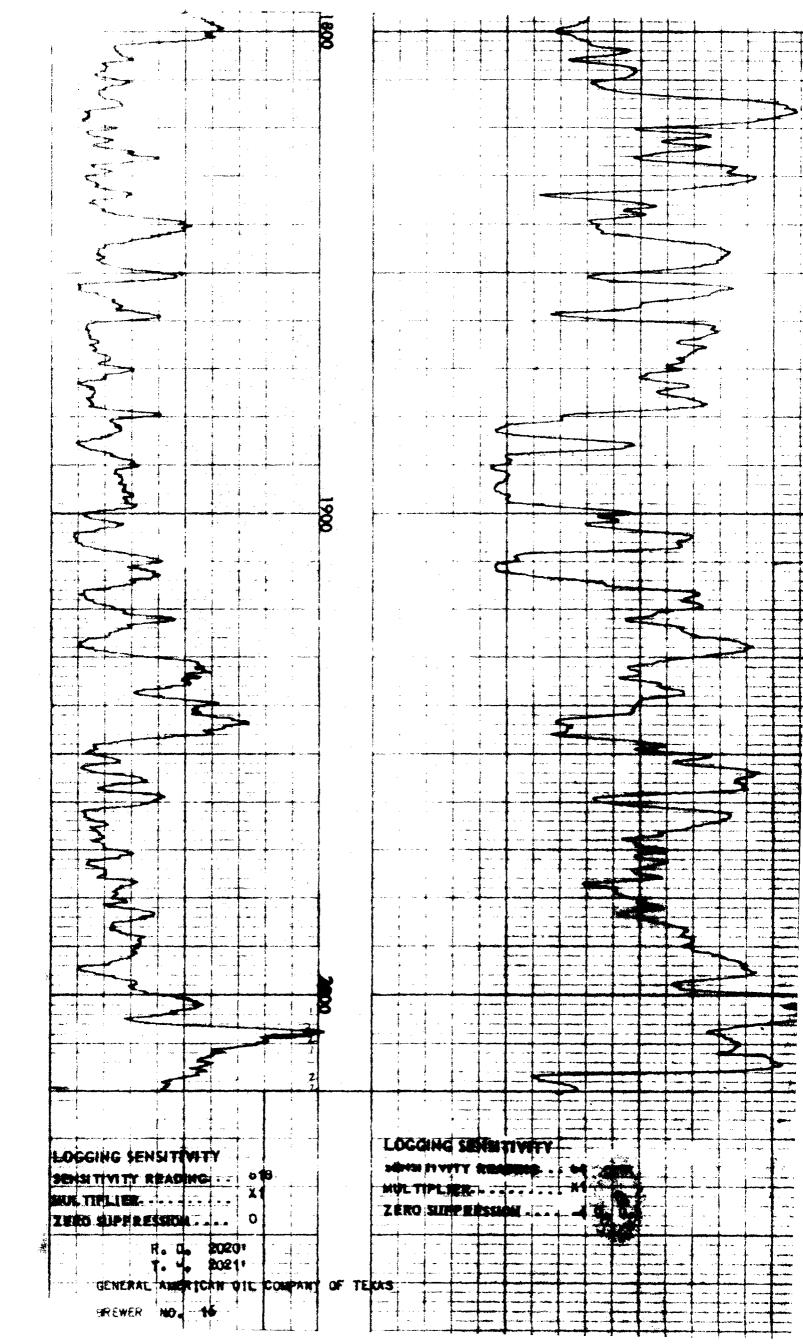
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March 27, 1968

J HAR 1 AM

Mr. Frank Irby Office of State Engineer Santa Fe, New Mexico

Dear Sir:

Attached is a copy of the application which General American Oil Company of Texas has filed with the New Mexico Oil Conservation Commission requesting administrative approval to convert four additional wells to water injection in our East High Loneseme Waterflood Unit. This waterflood unit was approved by Commission Order No. R-2443 and expanded under Order No. WFX-235.

We have also enclosed copies of all exhibits furnished the Commission in support of our request and hope this data will be sufficient for your purpose.

If your office has no objections to these additional conversions please so notify the Commission.

Very truly yours,

GENERAL AMERICAN OIL COMPANY OF TEXAS

By: NENaltes

W. E. Walter District Superintendent

WEW/rc Encls.

Operator General American Oil Company of Texas	apany of	Tex	lood 8		Hich L	Lonesome			<u></u>	County	Eddy				
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Gas volumes must be reported in MCF measured at a pressure base of 15,025 psis and a temperature of 60° F. Specific gravity base will be 0.60. Report casing pressure in lieu of tubing pressure for any well producing through casing. Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.	n MCF mean f tubling press his report to	the di	a press. any well strict off	ire base I produci Nce of t	of 15.0 Ing throu he New	25 psis and a ten seh casing. Mexico Oil Conse	sperature of 6 srvation Comi	0° F. Spe(nission in	cific gravity accordance	aase with		R.J.	EMalle	-	W. E. Walter
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NEW MEXICO OIL CONSERVATION COMMISSION

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NEW MEXICO OIL CONSERVATION COMMISSION

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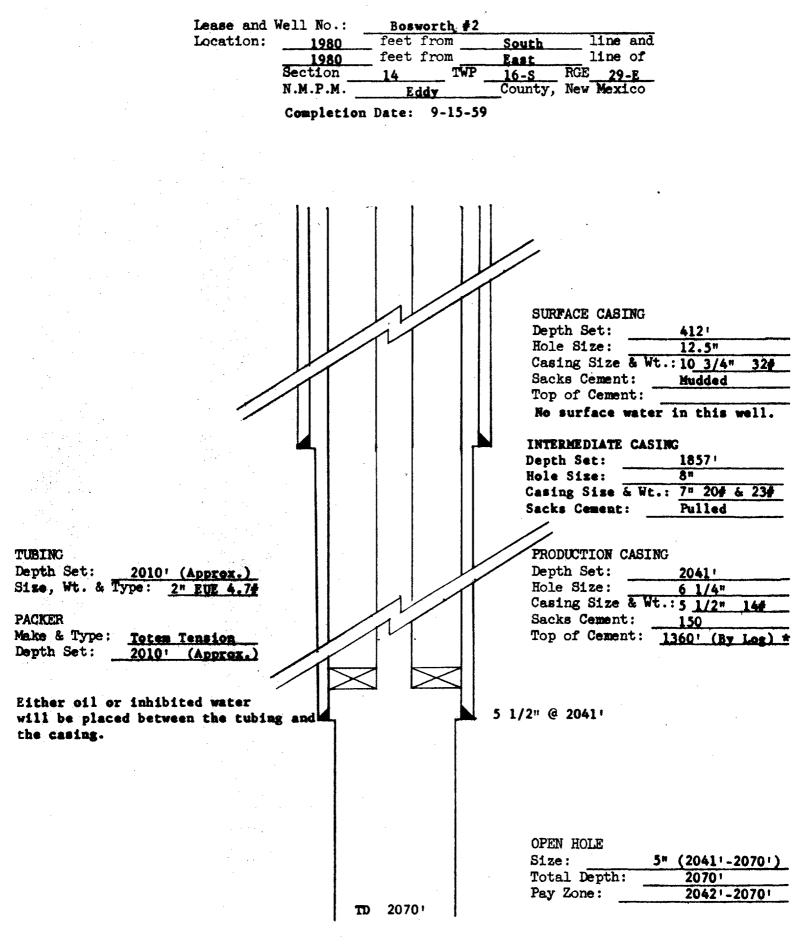
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NEW MEXICO OIL CONSERVATION COMMISSION GAS-OIL RATIO TESTS

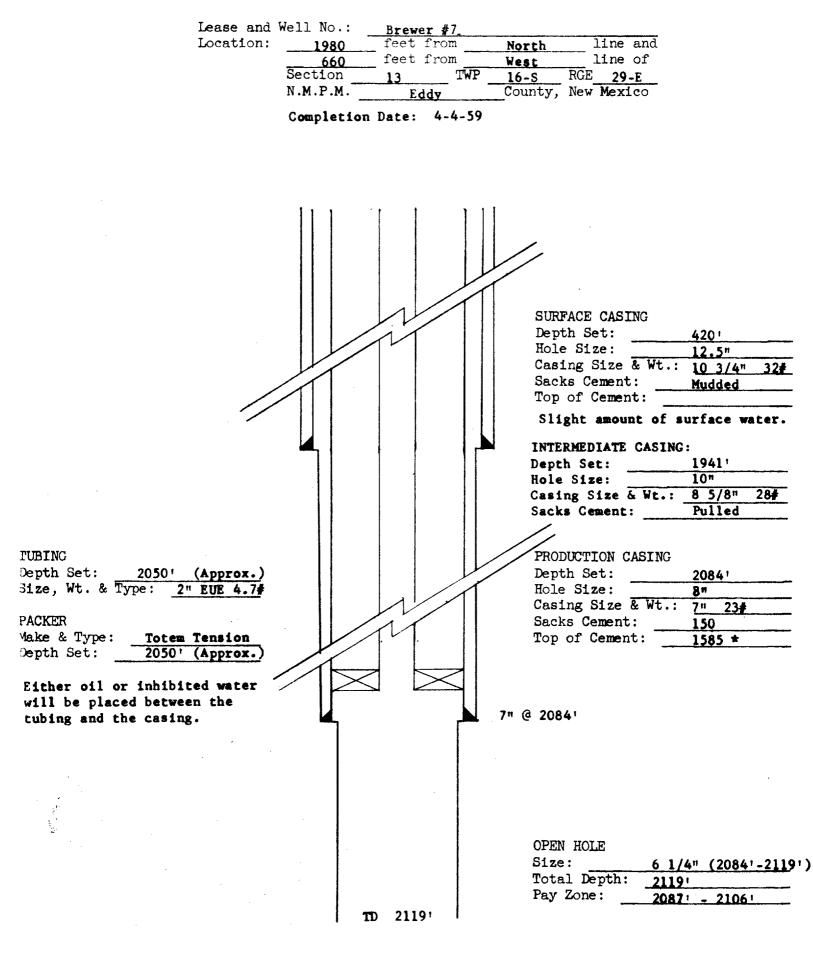
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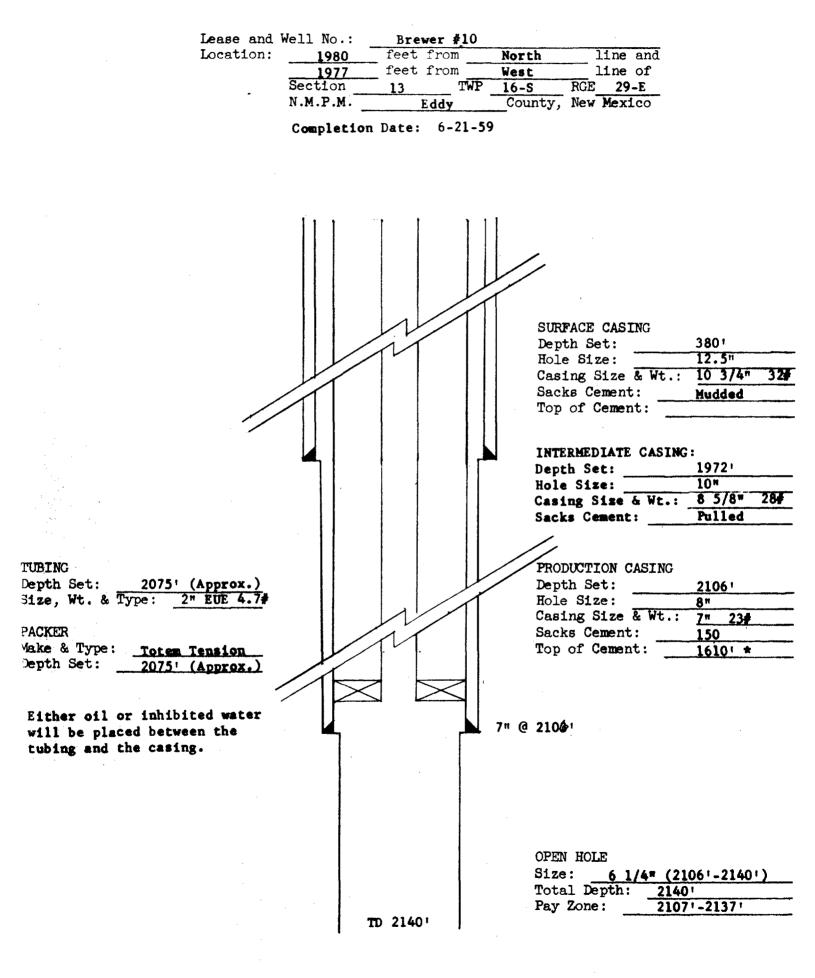
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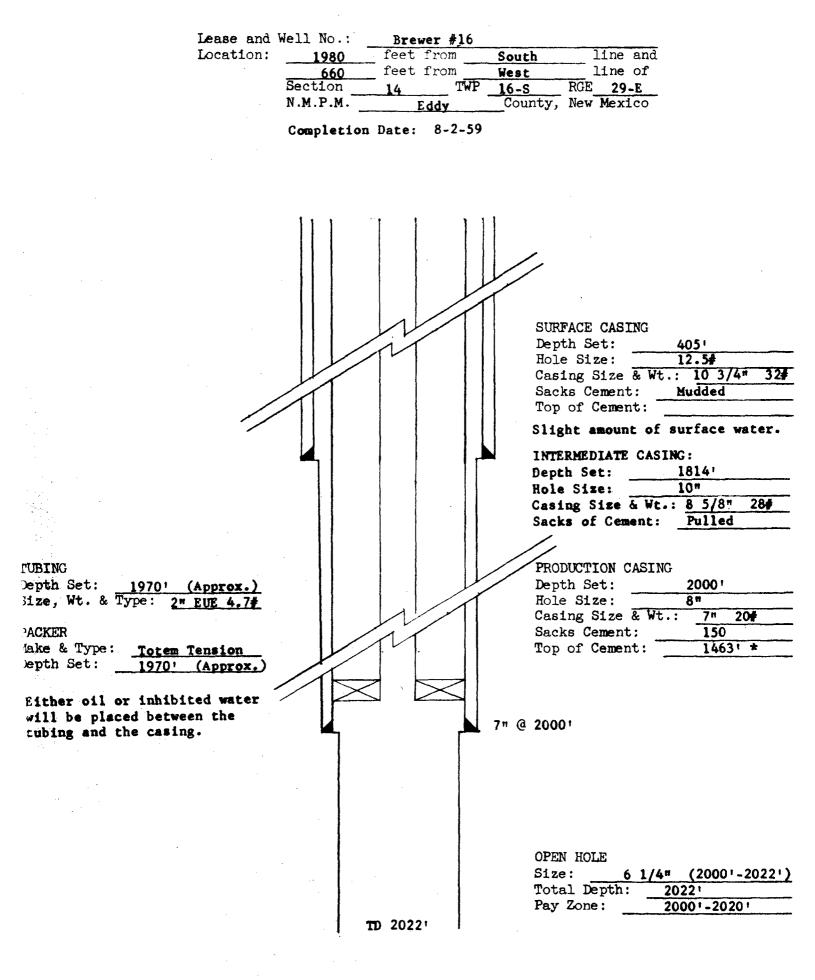


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