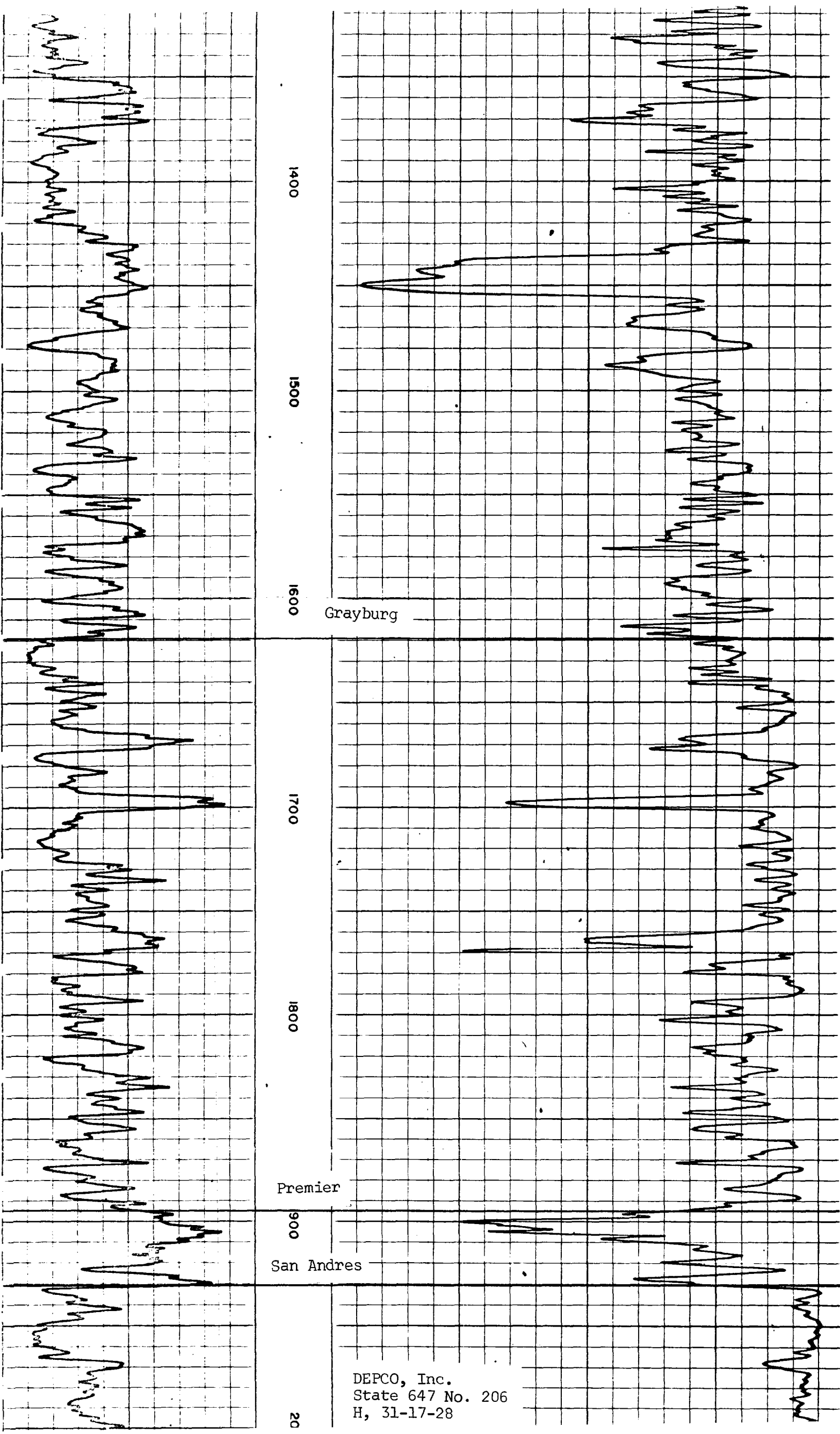


Case 514x

LOGS

EXHIBIT 2



1400

1500

1600

Grayburg

1700

1800

Premier

900

San Andres

DEPCO, Inc.
State 647 No. 206
H, 31-17-28

20

Queen

Grayburg

Premier

San Andres

DEPCO, Inc.
State 647 #179
H. 32-17-28

ILLEGIBLE

SPUD DATE

COM DATE

OST RECORD

800

900

1000

1100

600

2100

Base Shift

750

3250

Queen

1200

1300

1400

1500

Grayburg

1700

1800

Premier

San Andres

DEPCO, Inc.
State 647 #195
B, 32-17-28

Queen

Grayburg

Premier

San Andres

DEPCO, Inc.
State 647 # 208
L, 32-17-28

DENSITY IN GM/CM³

ILLEGIBLE

Queen

Grayburg

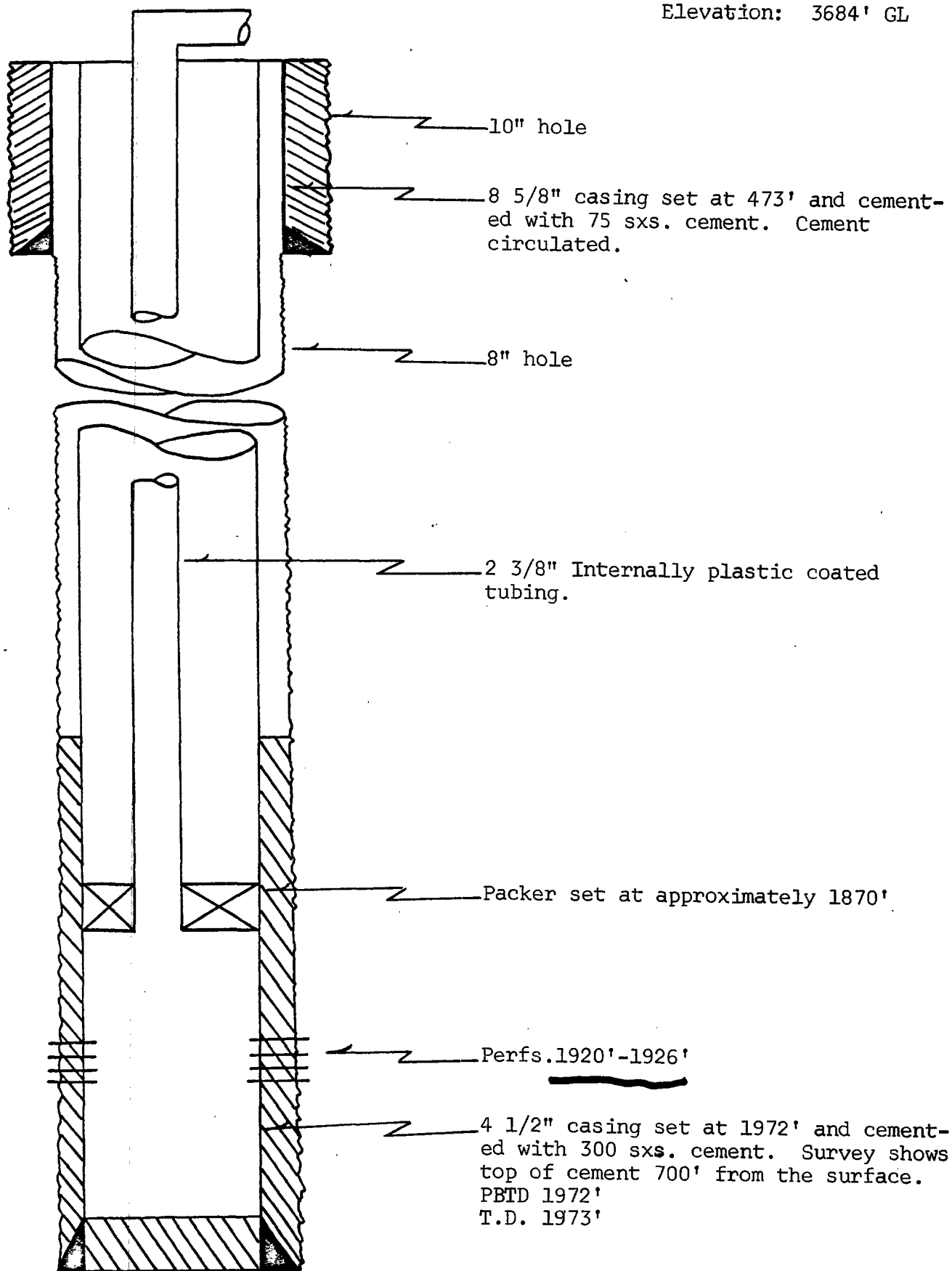
Premier

San Andres

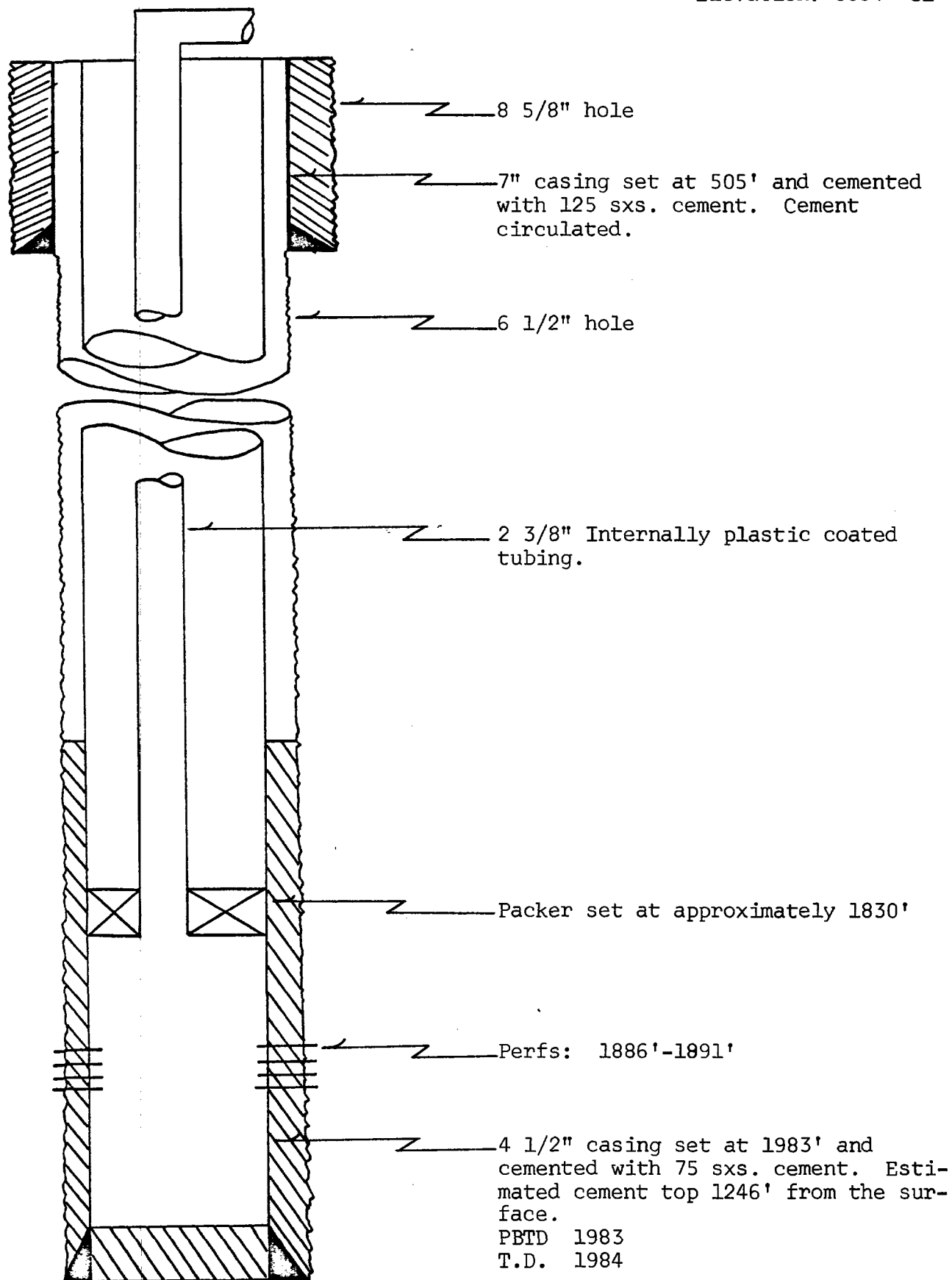
DIAGRAMMATIC SKETCHES

Diagrammatic Sketch
Proposed Well Condition
State 647 Well No. 179

Elevation: 3684' GL

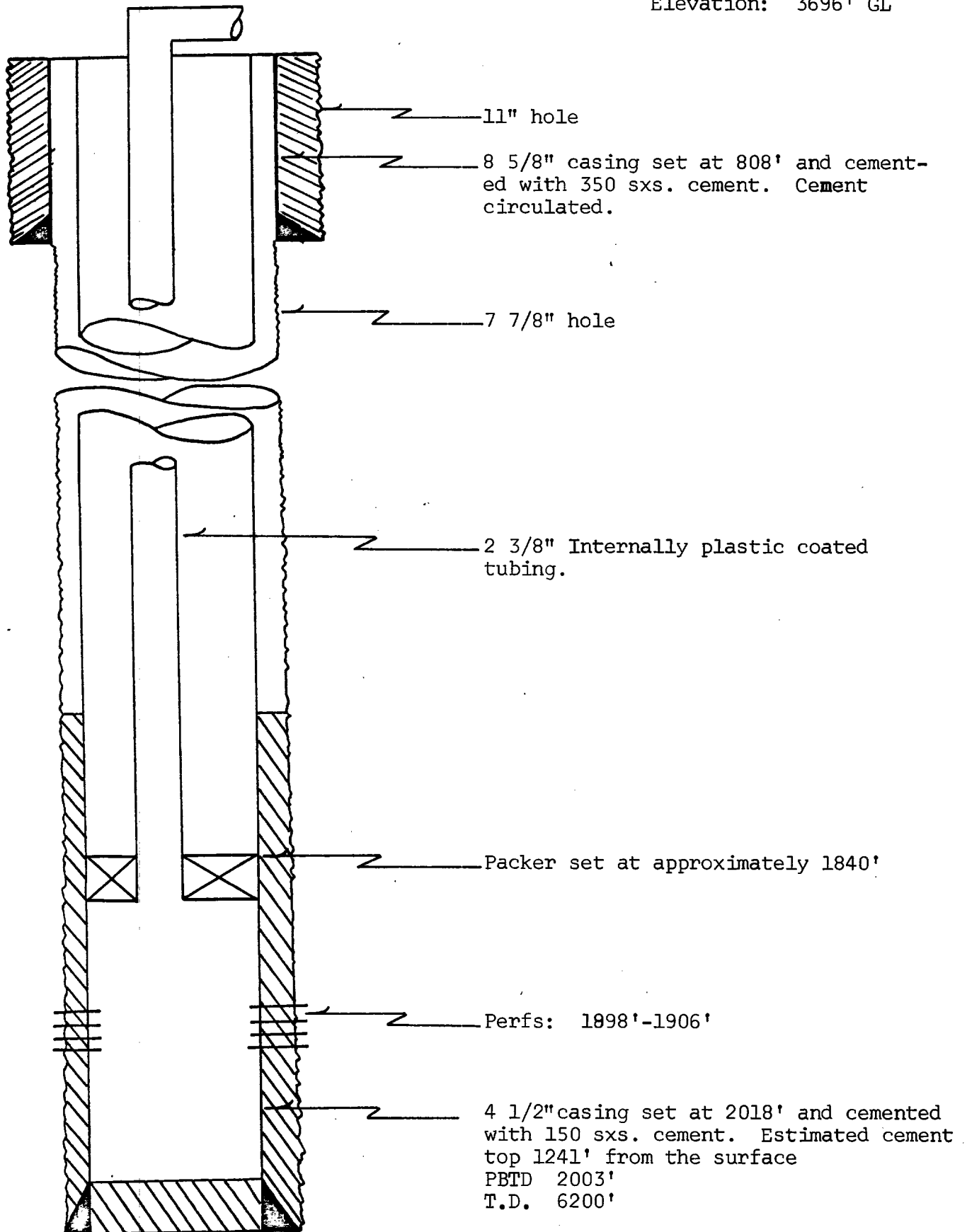


Elevation: 3694' GL



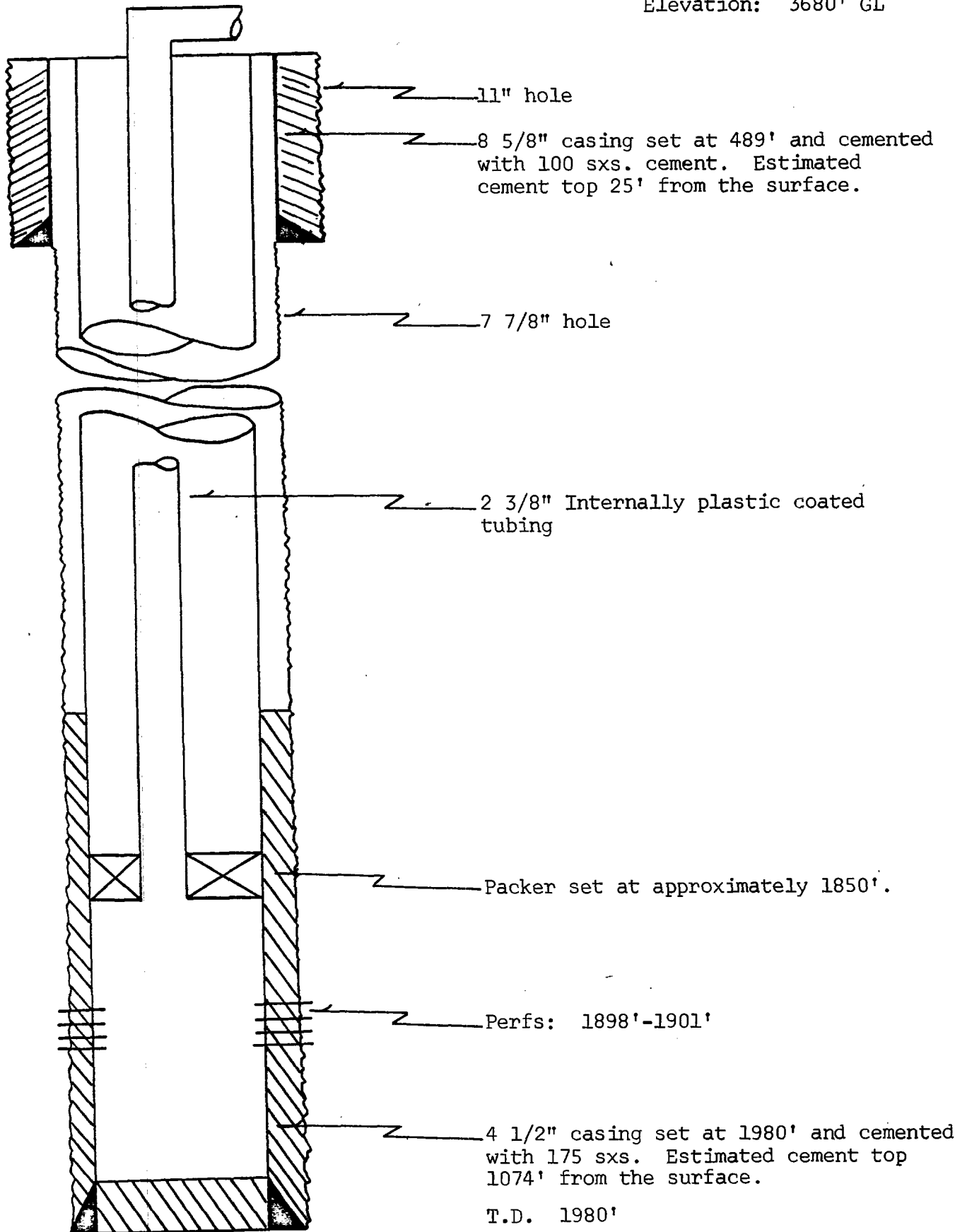
Diagrammatic Sketch
Proposed Well Condition
State 647 Well No. 206

Elevation: 3696' GL



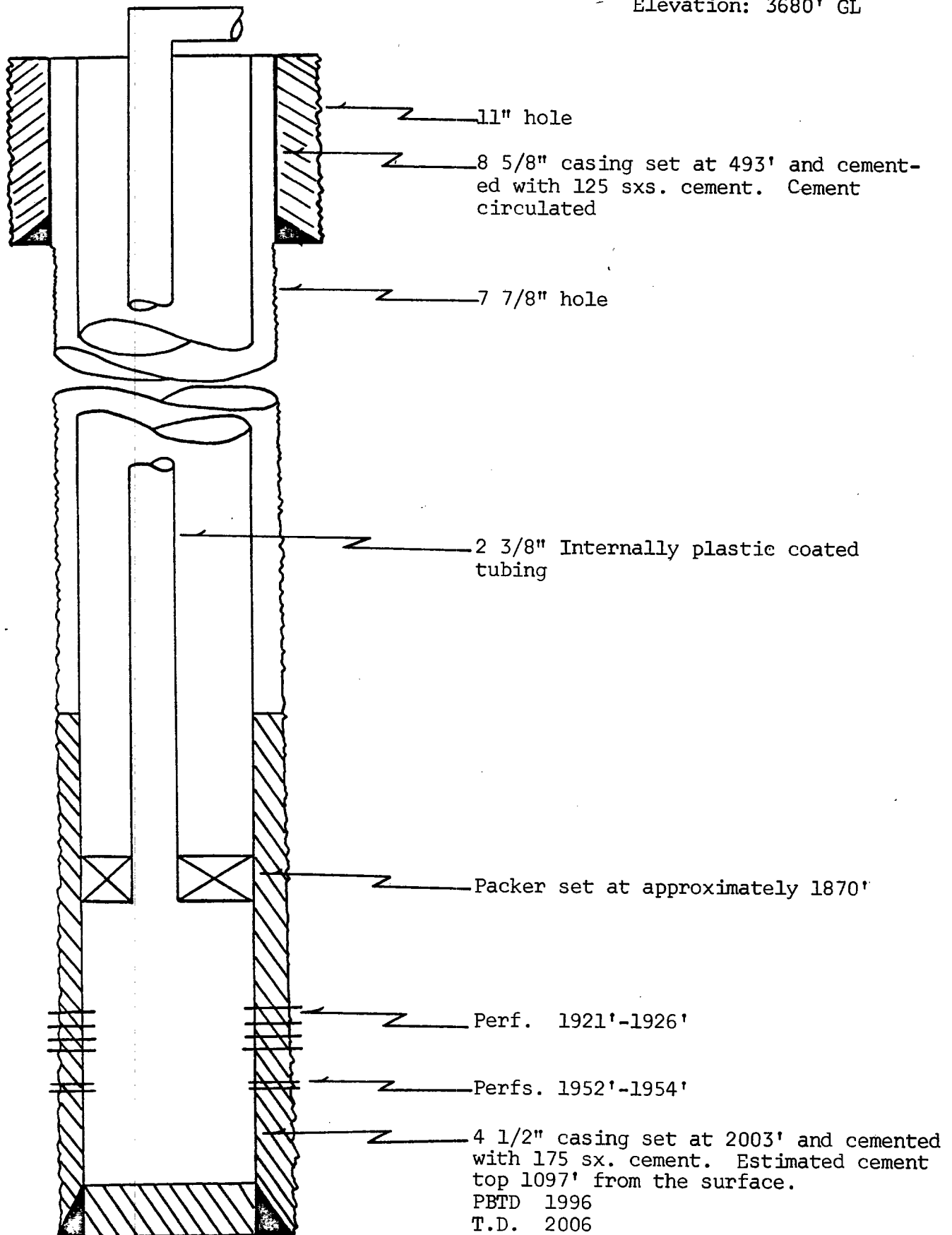
Diagrammatic Sketch
Proposed well condition
State 647 Well No. 208

Elevation: 3680' GL



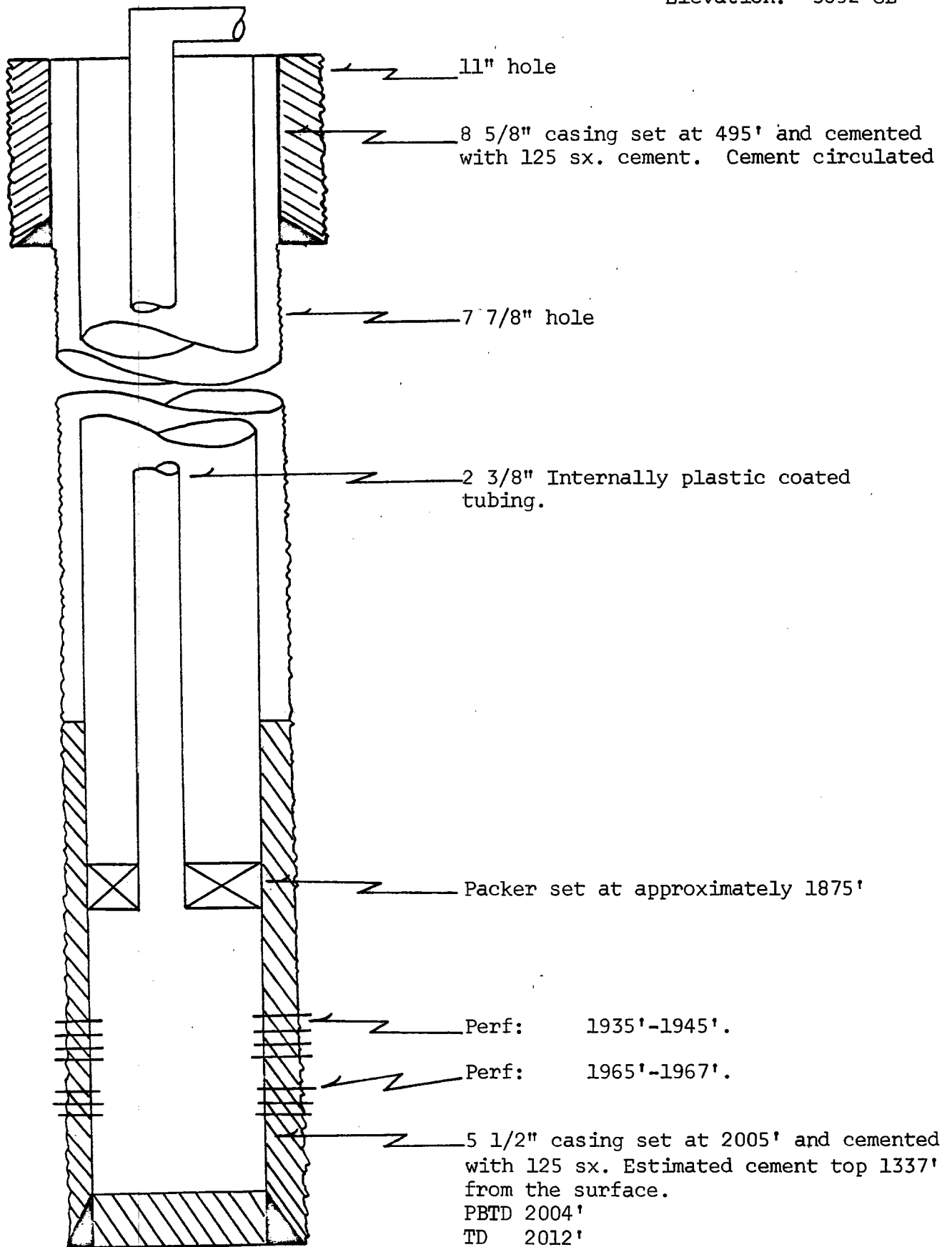
Diagrammatic Sketch
Proposed Well Condition
State 647 Well No. 212

Elevation: 3680' GL



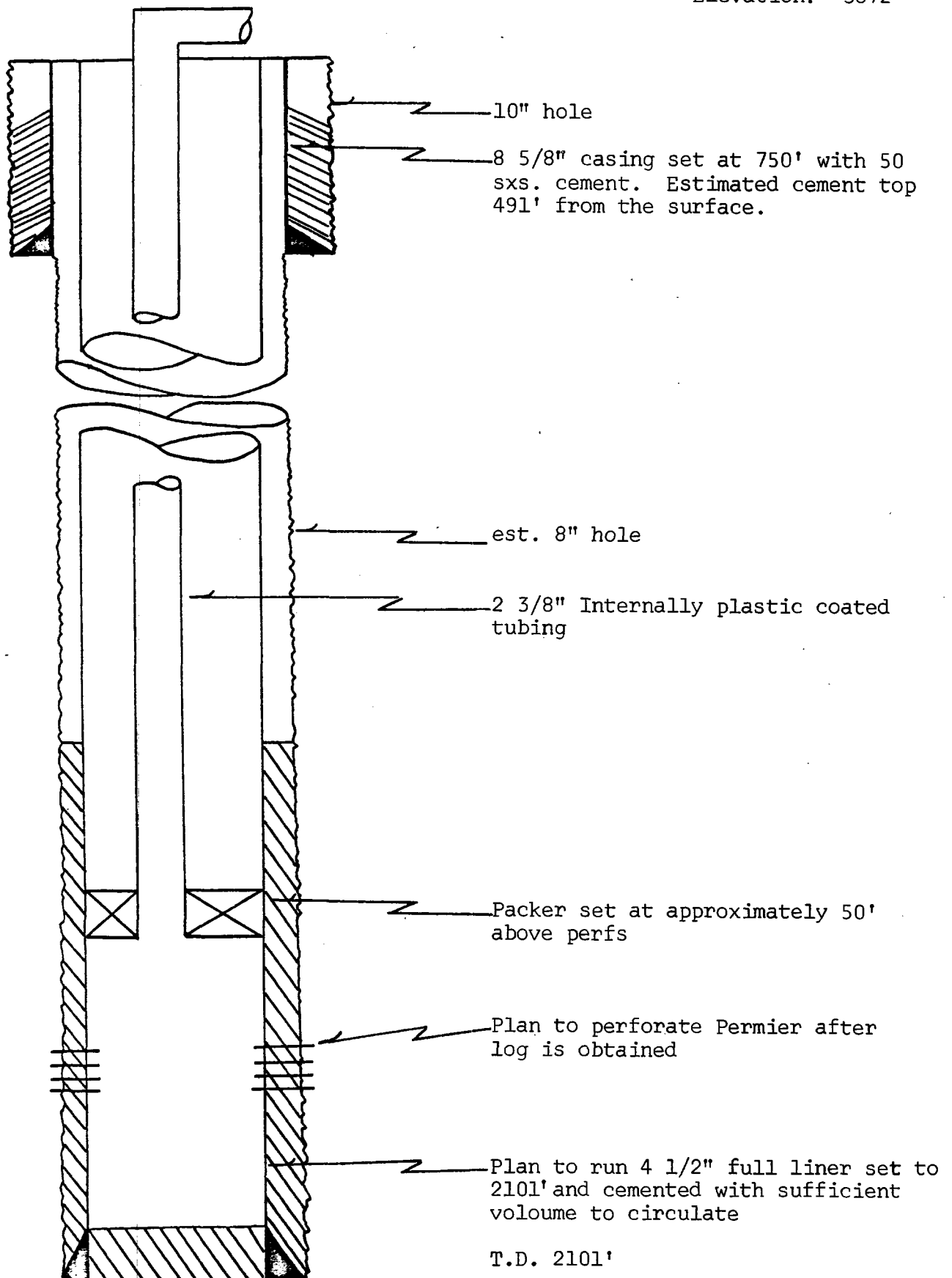
Diagrammatic Sketch
Proposed Well Condition
State 647 Well No. 219

Elevation: 3692 GL



Diagrammatic Sketch
Proposed Well Condition
Ramapo "A" Well No. 2

Elevation: 3672

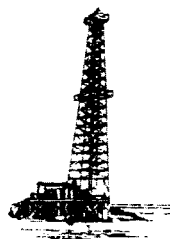


Northwest Artesia Unit
INDIVIDUAL WELL DATA
ON OFFSET PRODUCERS TO WATER INJECTORS

<u>Lease</u>	<u>Well No.</u>	<u>Cumulative BO as of 9-1-73</u>	<u>August BOPD</u>	<u>Date of Completion</u>	<u>Completion Interval</u>	<u>Stimulation</u>
State 647 AC. 722	180	32,999	3	1-62	1915-1922	SOF 24,000 gal x 1.3PPG
	186	16,479	2	4-62	1911-1940	SOF 27,000 gal x 1.1PPG
	196	13,614	1	6-63	1894-1899	SOF 20,000 gal x 1.5PPG
	211	14,583	3	5-66	1898-1908	SOF 38,000 gal x 1.3PPG
	213	10,467	1	6-66	1930-1934	
					1913-1925	SOF 38,000 gal x 1.3PPG
					1944-1945	
	216	12,230	2	2-67	1962-1994	SWF 30,000 gal x 1.3PPG
	220	13,242	2	5-67	1922-1949	SWF 36,300 gal x 1.1PPG
Delhi State	14	9,622	1/2	4-55	1800-2099	SOF 10,000 gal x 1.5PPG
Ramapo A	1		1	1-54	1800-1812	SOF 6,000 gal x 2.0PPG
					1925-1960	
<u>Proposed Injection Wells</u>						
State 647						
AC. 722	179	32,194	1	11-61	1920-1926	SOF 48,000 gal x 1.3PPG
	195	24,721	2	6-63	1886-1891	SOF 20,000 gal x 1.5PPG
	206	14,907	3	3-66	1898-1906	SWF 28,000 gal x 1.3PPG
	208	14,599	3	5-66	1898-1901	SOF 38,000 gal x 1.3PPG
	212	7,723	1	6-66	1921-1926	SOF 38,000 gal x 1.3PPG
	219	6,028	1	5-67	1935-1967	SWF 40,000 gal x 1.0PPG
Ramapo A	2	22,920	1	5-54	1967-1970	SOF 6,000 gal x 2.0PPG
					2077-2087	

DEPCO, Inc.

Exploration & Production

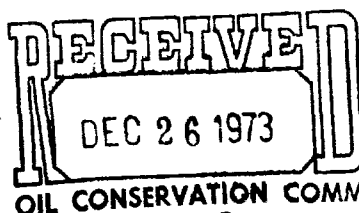


800 Central
ODESSA, TEXAS 79760

December 20, 1973

C 5144

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



Subject: Application for Injection of
Water
Project: Proposed Northwest Artesia
Unit Waterflood
Field: Artesia
County: Eddy

Gentlemen:

Reference my letter dated November 16, 1973, which requested a hearing to approve the subject unit. The last attachment to our original application entitled, "Individual Well Data on Offset Producers to Water Injectors" showed inaccurate oil cumulatives. Attached is a corrected data sheet which should replace the original copy.

Very truly yours,

Welton C. Smith

Welton C. Smith
District Engineer

WCS/vp

Northwest Artesia Unit
INDIVIDUAL WELL DATA
ON OFFSET PRODUCERS TO WATER INJECTORS

<u>Lease</u>	<u>Well No.</u>	<u>Cumulative BO as of 9-1-73</u>	<u>August BOPD</u>	<u>Date of Completion</u>	<u>Completion Interval</u>	<u>Stimulation</u>
State 647 AC. 722	180	32,336	3	1-62	1915-1922	SOF 24,000 gal x 1.3PPG
	186	26,479	2	4-62	1911-1940	SOF 27,000 gal x 1.1PPG
	196	13,603	1	6-63	1894-1899	SOF 20,000 gal x 1.5PPG
	211	14,583	3	5-66	1898-1908	SOF 38,000 gal x 1.3PPG
	213	10,467	1	6-66	1930-1934	SOF 38,000 gal x 1.3PPG
	216	12,230	2	2-67	1913-1925	SOF 30,000 gal x 1.3PPG
	220	13,242	2	5-67	1944-1945	SOF 36,300 gal x 1.1PPG
					1962-1994	
Delhi State Ramapo A	14	12,038	1/2	4-55	1800-2099	SOF 10,000 gal x 1.5PPG
	1	34,250	1	1-54	1800-1812	SOF 6,000 gal x 2.0PPG
<u>Proposed Injection Wells</u>						
State 647 AC. 722	179	32,194	1	11-61	1920-1926	SOF 48,000 gal x 1.3PPG
	195	24,621	2	6-63	1886-1891	SOF 20,000 gal x 1.5PPG
	206	14,907	3	3-66	1898-1906	SOF 28,000 gal x 1.3PPG
	208	14,599	3	5-66	1898-1901	SOF 38,000 gal x 1.3PPG
	212	7,723	1	6-66	1921-1926	SOF 38,000 gal x 1.3PPG
	219	6,028	1	5-67	1935-1967	SOF 40,000 gal x 1.0PPG
Ramapo A	2	31,670	1	5-54	1967-1970	SOF 6,000 gal x 2.0PPG
					2077-2087	

Corrected Copy