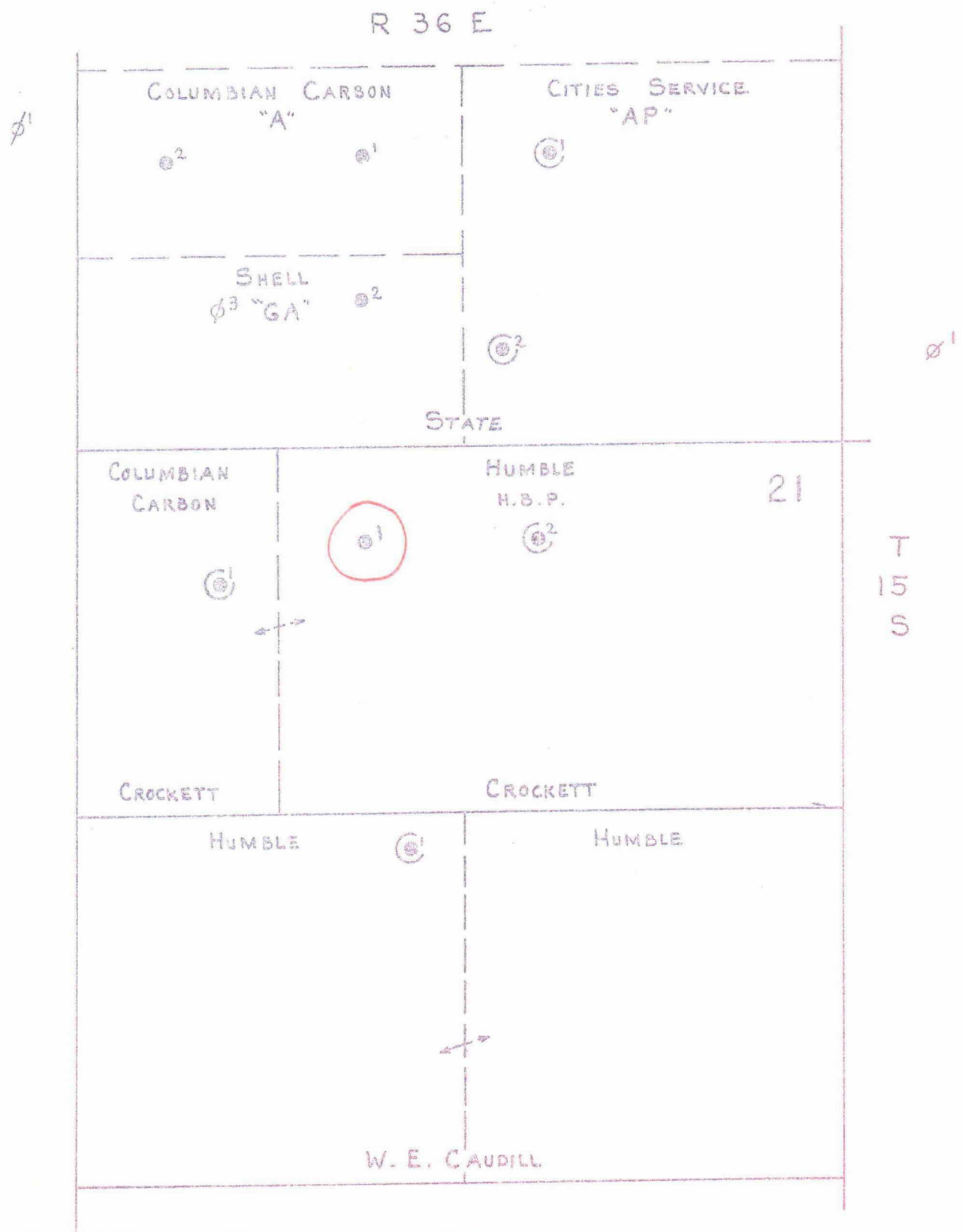


Case 2518

CAUDILL

DEVONIAN AND WOLFCAMP
LEA COUNTY, NEW MEXICO



LEGEND :

- ⊙ - WOLFCAMP
- - DEVONIAN

Case 2578

Schematic diagram of
proposed dual Devonian-oil,
Wolfcamp-oil completion.

Devonian: To be pumped
through 2-3/8-inch non-
upset tubing.

Wolfcamp: To be flowed
through 1-1/4-inch non-
upset tubing.

Sucker Rods

Subsurface Pump

2-3/8-inch
non-upset tubing

Note: Both strings of
tubing to be of
special clearance
to go through 5-1/2-
inch, 25# casing

Devonian

Wolfcamp

15-3/8-inch at 303 Feet
Cemented to Surface

9-5/8-inch at 4746 Feet
Cemented to 720 Feet

1-1/4-inch non-upset tubing

10542'

Proposed
Wolfcamp
Interval

10560'

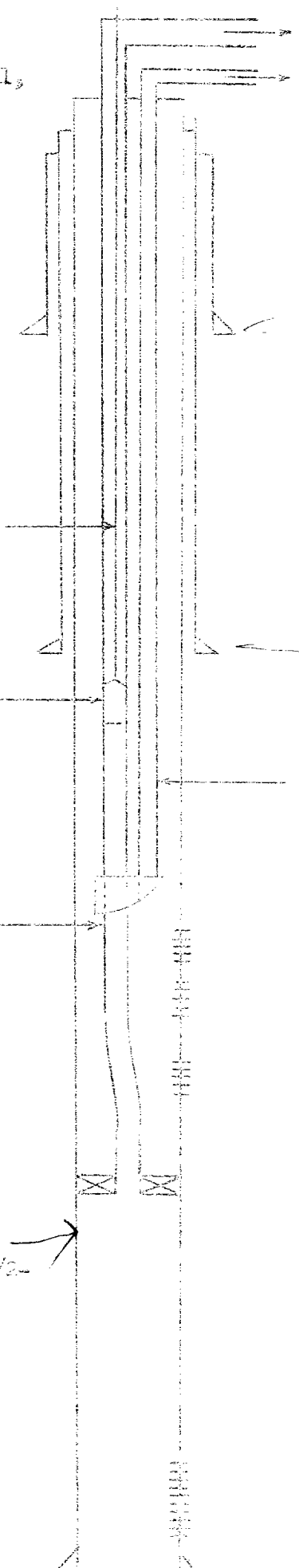
Non-retrievable Packer

13592'

Devonian

13648'

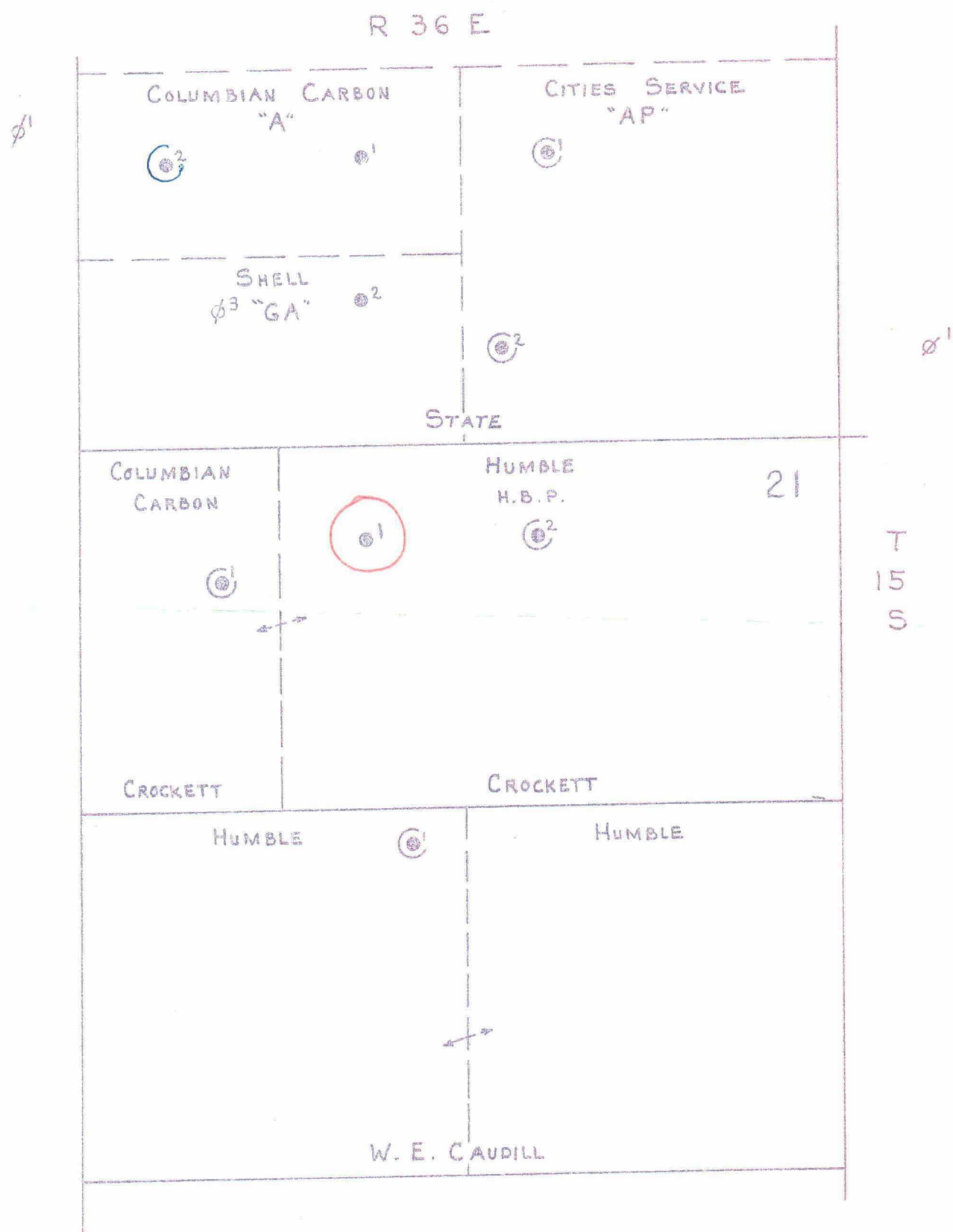
5-1/2-inch Casing at 13650'
Cemented to 3700'



COMPLETION DATA
C. J. HOLDER WATER WELL NO. 1

Location	910' FNL & 1850' FEL, Section 16, T-28-N, R-13-W, San Juan County, New Mexico
Elevation	6055' DF
Total Depth	7150'
Top Morrison	6467'
Surface Casing	13-3/8" CSA 206'
Oil String Casing	1191' of 9-5/8" and 5949' of 8-5/8" CSA 7,140'
Perforations	158' of perforations between 6573'-7122'
Stimulation	Sand-water frac with 93,500 gals. water and 55,000 lbs. 20-40 mesh sand.
Test Rates	Pump 1500 barrels water per day with pump set at 1000' and static fluid level at 500'. Estimated capacity of 10,000 barrels water per day with pump set at 4000'.

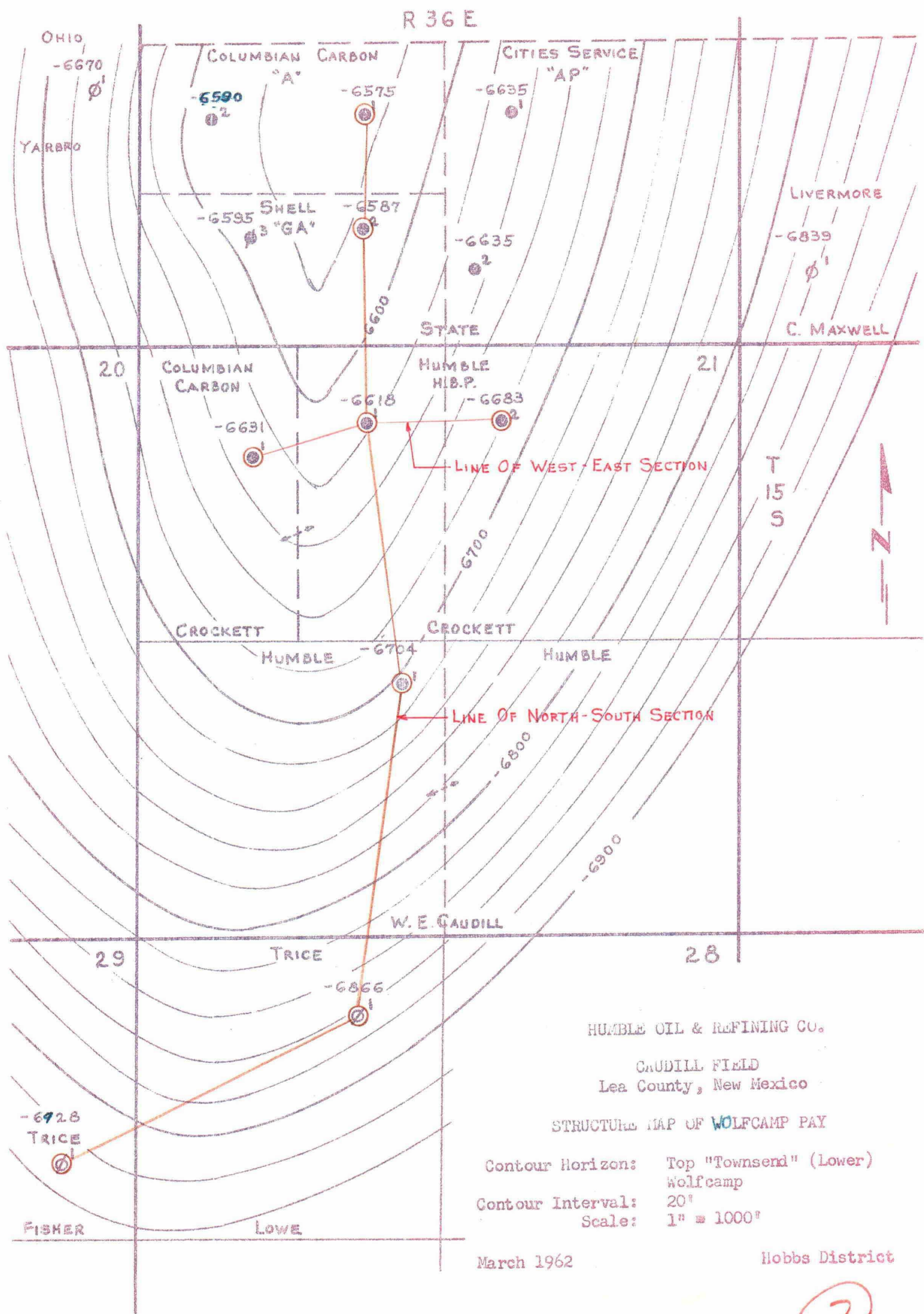
CAUDILL
DEVONIAN AND WOLFCAMP
 LEA COUNTY, NEW MEXICO



LEGEND :

- ⊙ - WOLFCAMP
- - DEVONIAN

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
<i>Humble</i> EXHIBIT NO.	12
Date Recd. <u>2518</u>	



2

GENERAL INFORMATION

HUMBLE OIL AND REFINING COMPANY

Present Status: D. H. Crockett #1
Producing zone - Devonian
Pumping through 2-1/2-inch tubing - 450 barrels fluid/day,
90% water
Conventional 3200 Pumping Unit with pump set at 5000'
12 - 108" S.P.M. - 2" Plunger.

Proposed Dual Completion: Devonian-Wolfcamp
Devonian String - 2-3/8-inch N-80 Tubing with Hardy-Griffin
"DS" joint using present surface equipment and a "double
displacement" type subsurface pump. Capacity - 350 barrels
fluid per day.
Tubing to be anchored in non-retrievable packer set at
approximately 10,650'.

Wolfcamp String - 1-1/4-inch N-80 Tubing with Hardy-Griffin
"DS" joint landed in dual string anchor at approximately
10,580'

Wolfcamp saturation pressure - 3498#
Wolfcamp oil gravity - 42° API

Subsurface Pressure History: D. H. Crockett #2 (Offset
Wolfcamp well)
Initial Pressure - 3743# Dated - 8-4-60
Last Pressure - 2882# Dated - 7-24-61

Gas-Oil Ratio: D. H. Crockett #2
Initial - 1,480 C.F.F.B.
Present - 1,800 C.F.F.B.

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Case No.

2518

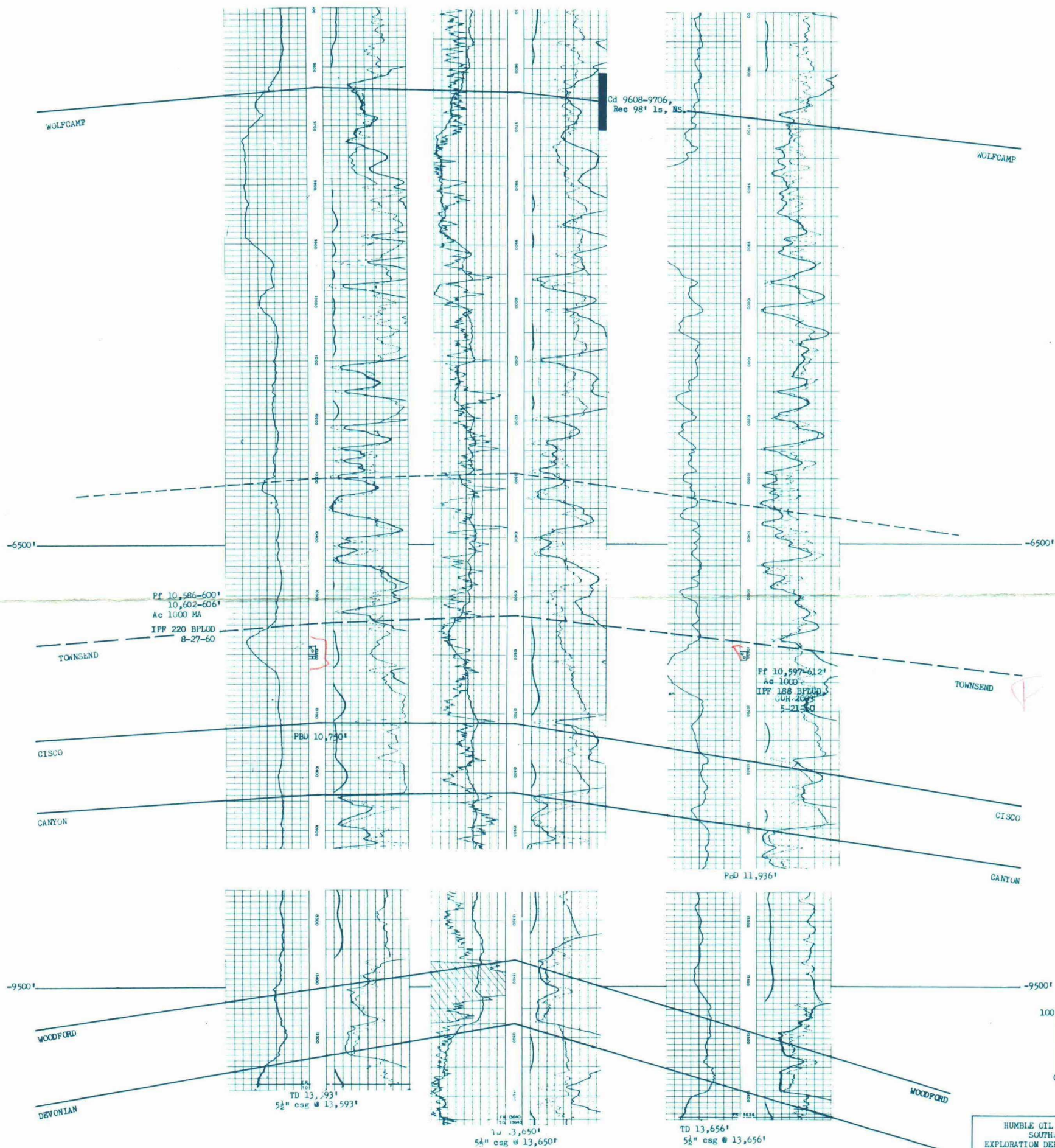
Large Exhibit.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

COLUMBIAN CARBON COMPANY
NO. 1, D. H. CROCKETT
(D) Sec. 21-15S-36E
DF 3914*

HUMBLE OIL & REFINING CO.
NO. 1, D. H. CROCKETT
(C) Sec. 21-15S-36E
DF 3911*

HUMBLE OIL CO.
NO. 2, D. H. CROCKETT
(B) Sec. 21-15S-36E
DF 3910*



HUMBLE OIL & REFINING COMPANY
SOUTHWEST REGION
EXPLORATION DEPARTMENT MIDLAND AREA
WEST-EAST CROSS SECTION
CAUDILL FIELD
LEA COUNTY, NEW MEXICO
HOBBS DISTRICT MARCH 1962

4

HUMBLE OIL & REFINING COMPANY

1000 GALLONS OF 100 GRADE FUEL

DELIVERED TO THE
U. S. ARMY

1000 GALLONS (and)

ILLEGIBLE

1000 GALLONS OF 100 GRADE FUEL
DELIVERED TO THE
U. S. ARMY

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1062