

need exception to 330' rule.

Dew

will be deepened to miss + Dew.

Dew low GOR mine

*990
548.46

1538.46*

Sec. 11, T. 13 S., R. 38 E., New Mexico

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Appl. EXHIBIT NO. 1
CASE NO. 1792

FEDERAL "B" LEASE
BRONCO FIELD
LEA CO. NEW MEXICO

SCALE 1" : 1000'

Ex A

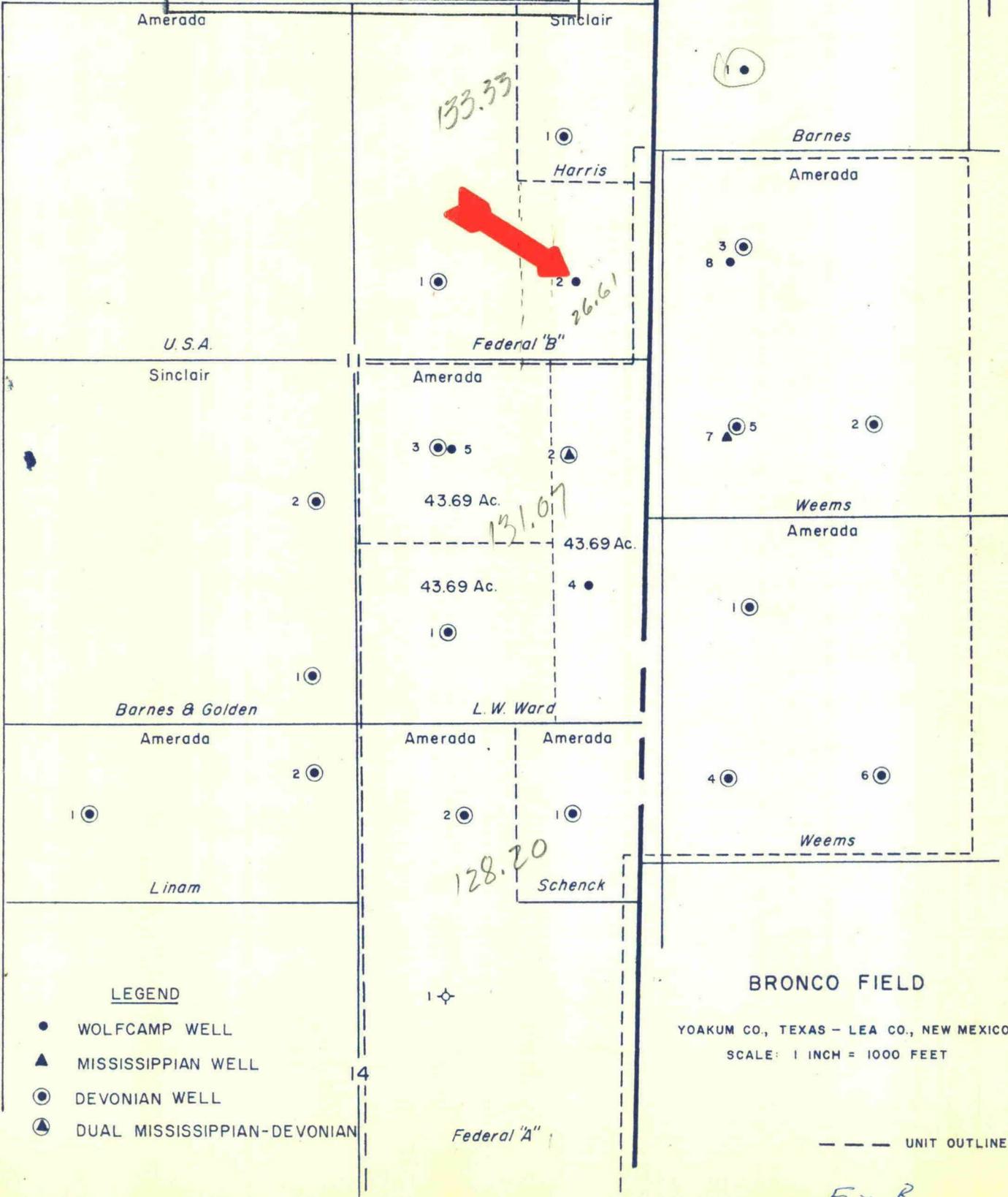
R 38 E

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Ampl. EXHIBIT NO. 2
CASE NO. 1792

NEW MEXICO

TEXAS

Texas Co.



T
13
S

LEGEND

- WOLFCAMP WELL
- ▲ MISSISSIPPIAN WELL
- ⊙ DEVONIAN WELL
- ⊕ DUAL MISSISSIPPIAN-DEVONIAN

BRONCO FIELD

YOAKUM CO., TEXAS - LEA CO., NEW MEXICO
SCALE: 1 INCH = 1000 FEET

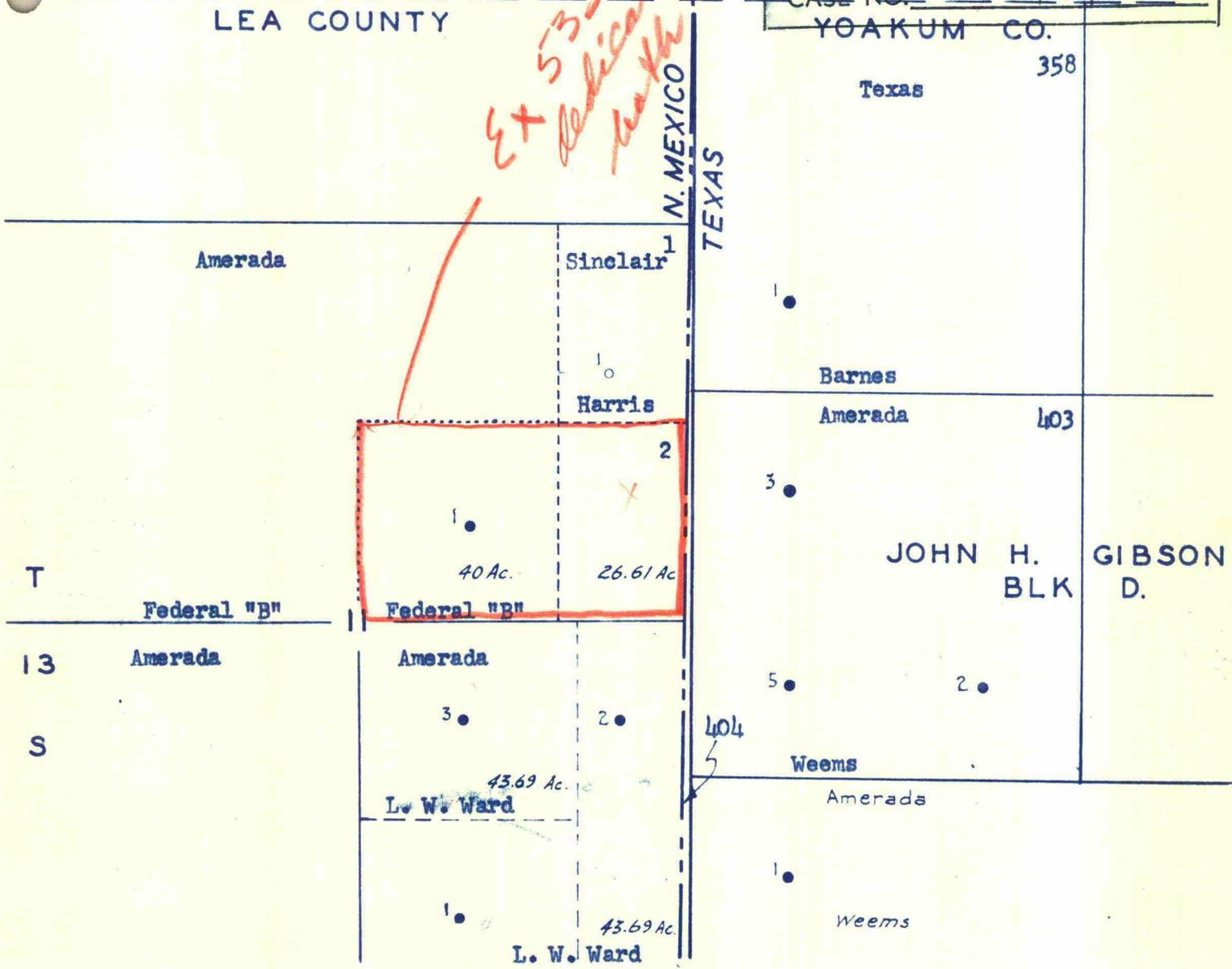
--- UNIT OUTLINE

Ex B

R 38 E
LEA COUNTY

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 1792
YOAKUM CO.

*532
EX Dedicate for Pool*



OPERATOR OF LEASE Amerada Petroleum Corporation NAME OF LEASE Federal "B"
 TOTAL ACRES IN LEASE 266.61 ACRES COVERED BY THIS PLAT 66.61
 DESCRIPTION OF PROPERTY All of N/2 of Sec. 11, Less Lot 1, 27.32 Ac.
 COUNTY Lea-Yoakum FIELD Bronco-Siluro-Devonian Pool
 SCALE OF PLAT 1" = 1000'

STATE OF _____
 COUNTY OF _____

I HEREBY CERTIFY THAT I AM FAMILIAR WITH THE CONDITIONS AS THEY ACTUALLY EXIST ON THIS LEASE; THAT THE ABOVE PLAT WHICH IS DRAWN TO THE SCALE INDICATED HEREON IS TO THE BEST OF MY KNOWLEDGE TRUE AND CORRECT; THAT IT ACCURATELY REFLECTS SAID LEASE WITH ALL WELLS THEREON; AND THAT THE NUMBER AND LOCATION OF WELLS THEREON ARE AS INDICATED ON THE PLAT.

SUBSCRIBED AND SWORN TO BEFORE ME THIS _____ DAY OF _____ 195__

NOTARY PUBLIC IN AND FOR _____

Ex G

DRILL-STEM TEST DATA
MISSISSIPPIAN FORMATION
BRONCO FIELD

RECORD OF DISCOVERY WELL
OIL CONSERVATION COMMISSION
EXHIBIT NO. _____
CASE NO. 1000

L. R. Weems Et Al #3

6-5-53 Test #2 from 11,135' to 11,216', 4" drill pipe, 5/8" bottom and 1" top choke, used 2068' water blanket - Opened tool at 5:00 a.m. with weak blow of air increasing to strong blow - Gas to surface in 1 hour and 27 minutes, Gas volume 13,500 cubic feet per day.
Gas volume at: 7 a.m. - 13,500 cubic feet per day
8 a.m. - 20,500 cubic feet per day
9 a.m. - 32,900 cubic feet per day
Closed tool at 9 a.m. - Recovered 585' water blanket cut with 5% mud; 5170' dry pipe - Unloaded 1512' water blanket; 2309' of oil cut 25% mud; 567' free oil, gravity 40.2 corrected and 882' salt water. Amerada Hydrostatic Pressure - In hole - 5,360# - Out of hole - 5,295#. Initial Flow Pressure - 965# - Final Flow Pressure 1,925# - 1/4 Hour Build-up - 3,755#

Federal "3" #1

11-28-53 DST #6 - 9 hours drill-stem test from 11,088' to 11,200', 4-1/2" drill pipe, using 2068' water blanket, opened tool at 4:40 a.m. on 5/8" bottom and 1" top chokes with fair blow of air increased to good blow - no gas or fluid to surface at 8 a.m. - Tool still open. 4-hour test, 4-1/2" drill pipe - closed tool at 8:40 a.m. No gas or fluid to surface - recovered 306' of dry pipe, 7460' of gas in drill pipe, 2068' of gas and mud cut water blanket, and 1221' of heavy oil and gas cut mud, estimated 25% oil. Amerada Hydrostatic Pressure - In hole 4920#; Out of hole 4830#. Initial Flow Pressure - 970# - Final Flow Pressure 1330# - 1/4 Hour Build-Up 1600#.

L. W. Ward #2

9-5-53 DST #4 from 10,870' to 11,044' - 3 hour test - 4-1/2" drill pipe - 5/8" bottom and 1" top chokes - used 1860' water blanket - opened tool at 2 p.m. with good blow of air - water blanket to surface in 40 minutes - oil in 54 minutes - turned to tanks at 2:45 p.m. Flowed 163.93 bbls oil, .26 bbls mud and no water in 2 hours 6 minutes - drill pipe pressure 280# - gas volume 2,019,000 cubic feet per day - gas-oil ratio 1025 - gravity 43.2 corrected.

Gauges:

<u>Time</u>	<u>Bbls. Fluid</u>	<u>% Mud</u>
2:54 to 3 p.m.	Filling flow line and separator	
4 p.m.	94.91	.2
5 p.m.	69.28	.1

Closed tool at 5 p.m. and reversed out 55.42 bbls oil, 1.2% mud and no water - drill pipe unloaded from below circulating sub 279' oil, 2% mud - recovered 93' free oil, 5% mud - no show of formation water.

L. W. Ward #2 (Cont'd)

Amerada Hydrostatic Pressure - In and out of hole - 5,200#
Initial Flow Pressure - 1,360#; Final Flow Pressure - 2,275#;
1/4 Hour Build-Up - 3,980#

L. W. Ward #3

2-21-54 DST #2 from 10,940' to 11,085', 4 hour test, 4-1/2" drill pipe, 5/8" bottom and 1" top chokes, used 1811' water blanket - opened tool at 9:06 a.m. with fair blow of air which increased to strong blow in 49 minutes - gas to surface in 2 hours and 29 minutes - gas volume too small to measure throughout test - no fluid to surface - recovered 1811' slightly oil and gas cut water blanket, estimated 1% oil and 527' heavy oil and gas cut mud, estimated 50% oil - no show of formation water. Amerada Hydrostatic - In hole 5075' - out of hole 5050#; Initial Flow Pressure - 880#; Final Flow Pressure - 1020#; 1/4 Hour Build-Up - 1555#.

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