



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

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

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
Appl. EXHIBIT NO. <u>1</u>	
CASE NO. <u>1792</u>	

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.

N

Amerada

Sinclair

133.33

1 ●

Harris

1 ●

2 ●

26.61

Federal "B"

U.S.A.

Sinclair

Amerada

3 ● 5

43.69 Ac.

2 ▲

43.69 Ac.

43.69 Ac.

1 ●

4 ●

L.W. Ward

Barnes & Golden

Amerada

2 ●

Amerada

Amerada

2 ●

1 ●

Linam

Schenck

128.20

1 ◇

Federal "A"

Barnes

Amerada

3 ●
8 ●

7 ▲ 5

2 ●

Weems

Amerada

1 ●

4 ●

6 ●

Weems

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
App'l. EXHIBIT NO. 4
CASE NO. 1792
YOAKUM CO.

Texas

358

N. MEXICO
TEXAS

Amerada

Sinclair¹

Harris

Barnes

Amerada

403

JOHN H. GIBSON
BLK D.

T

Federal "B"

Federal "B"

40 Ac.

26.61 Ac

13

Amerada

Amerada

3

2

5

2

404

Weems

Amerada

L. W. Ward

43.69 Ac.

43.69 Ac.

L. W. Ward

Weems

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

DRILL-STEM TEST DATA
MISSISSIPPIAN FORMATION
BRONCO FIELD

RECORD OF DRILL-STEM TESTS
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
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:

Time	Bbls. Fluid	% Mud
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