

Sampler Report

Remarks: _____

Phone
713-790-9132



YNES, INC.

RECEIVED

JAN 5 1983

Box 12486
Houston, TX 77017

Contractor Murfin Drilling Co.
Rig No. 12
Spot SE-NE
Sec. 20
Twp. 19S
Rng. 47 W
Field McClave
County Kiowa
State Colorado
Elevation 4007' KB
Formation Marmaton

Top Choke 1/4"
Bottom Choke 1"
Size Hole 7 7/8"
Size Rat Hole --
Size & Wt. D. P. 4 1/2" 16.60
Size Wt. Pipe --
I. D. of D. C. 2 1/4"
Length of D. C. 557'
Total Depth 4965'
Interval Tested 4070-4091'
Type of Test Inflate
Straddle

66 LO. OIL & GAS CONS. COMM.

Flow No. 1 30 Min.
Shut-in No. 1 60 Min.
Flow No. 2 90 Min.
Shut-in No. 2 180 Min.
Flow No. 3 -- Min.
Shut-in No. 3 -- Min.
Bottom
Hole Temp. 140° F
Mud Weight 9.0
Gravity --
Viscosity 60

Tool opened @ 11:00 am

Outside Recorder

PRD Make Kuster K-3

No. 13132 Cap. 2900 @ 4082'

	Press	Corrected
Initial Hydrostatic	A	1949
Final Hydrostatic	K	1915
Initial Flow	B	41
Final Initial Flow	C	66
Initial Shut-in	D	1167
Second Initial Flow	E	109
Second Final Flow	F	168
Second Shut-in	G	1188
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Lynes Dist. Woodward, Ok.

Our Tester: Joe Cummings

Witnessed By: Floyd Welty

Did Well Flow - Gas No Oil No Water No

RECOVERY IN PIPE: 320' Formation water = 1.56 bbl.

Blow description:

1st flow: Tool opened with a weak blow, increased to a 1" underwater blow in 15 minutes and remained thru flow period.

2nd flow: Tool opened with a weak blow, increased to a 1" underwater blow in 15 minutes and remained thru flow period.

BEST IMAGE
AVAILABLE

Operator Wexpro Company
Address See Distribution

Well Name and No. Lexicon State #1-20
Ticket No. 1651

Date 12-22-82

DST No. 1
No. Final Copies 26

LYNES, INC.

Wexpro Company

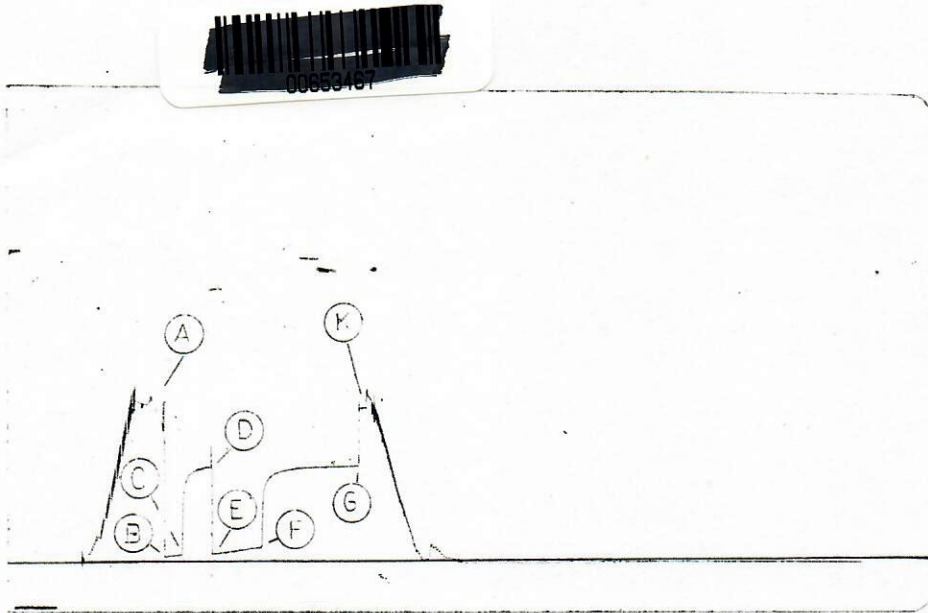
Operator

Lexicon State #1-20

Well Name and No.

1

DST No.



Outside Recorder

PRD Make Kuster K-3
No. 20161 Cap. 5950 @ 4082'

Press		Corrected
Initial Hydrostatic	A	1960
Final Hydrostatic	K	1916
Initial Flow	B	52
Final Initial Flow	C	71
Initial Shut-in	D	1176
Second Initial Flow	E	84
Second Final Flow	F	176
Second Shut-in	G	1199
Third Initial Flow	H	--
Third Final Flow	I	--
Third Shut-in	J	--

Pressure Below Bottom
Packer Bled To

PRD Make _____
No. _____ Cap. _____ @ _____

Press		Corrected
Initial Hydrostatic	A	
Final Hydrostatic	K	
Initial Flow	B	
Final Initial Flow	C	
Initial Shut-in	D	
Second Initial Flow	E	
Second Final Flow	F	
Second Shut-in	G	
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	

Pressure Below Bottom
Packer Bled To

BEST IMAGE
AVAILABLE

WELL NAME: LEXICON STATE 1-20

DST NUMBER: 001

RECORDER NUMBER: 013132

INTERVAL TESTED: 4070FT TO 4091FT

RECORDER DEPTH: 4082.000FT

TOTAL FLOW TIME: 30.0MIN

FIRST SHUT IN PRESSURE (LIGHT)

TIME (MIN)	(14701)	PRESSURE
PHI	/PHI	(PSI)
0.0	0.0000	56.0
1.0	31.0000	100.0
2.0	18.0000	487.0
3.0	11.0000	750.0
4.0	8.5000	830.0
5.0	7.0000	900.0
6.0	6.0000	940.0
7.0	5.2857	960.0
8.0	4.7500	990.0
9.0	4.3333	1009.0
10.0	4.0000	1020.0
12.0	3.5000	1048.0
14.0	3.1429	1065.0
16.0	2.8750	1081.0
18.0	2.6667	1091.0
20.0	2.5000	1100.0
22.0	2.3636	1108.0
24.0	2.2500	1116.0
26.0	2.1538	1122.0
28.0	2.0714	1127.0
30.0	2.0000	1132.0
35.0	1.8571	1140.0
40.0	1.7500	1150.0
45.0	1.6667	1157.0 *
50.0	1.6000	1161.0 *
55.0	1.5455	1166.0 *
60.0	1.5000	1167.0 *

BEST IMAGE
AVAILABLE

BEST IMAGE
AVAILABLE

* VALUES USED IN HORNER ANALYSIS

SLOPE: 231.57567 PSI/CYCLE

EXTRAPOLATED PRESSURE: 1208.6 PSI

BEST IMAGE
AVAILABLE

WELL NAME:

LEXICON STATE 1-20

DST NUMBER: 001

RECORDER NUMBER: 013132

INTERVAL TESTED: 4070FT 10 4091FT

RECORDER DEPTH: 4082.000FT

TOTAL FLOW TIME: 120.0MIN

SECOND SHUT IN PRESSURE (LIQUID)

TIME (MIN)	(T+PHI)	PRESSURE
PHI	/PHI	(PSI)
.0	.0000	168.0
1.0	121.0000	311.0
2.0	61.0000	650.0
3.0	41.0000	804.0
4.0	31.0000	940.0
5.0	25.0000	898.0
6.0	21.0000	928.0
7.0	18.1429	945.0
8.0	16.0000	964.0
9.0	14.3333	981.0
10.0	13.0000	991.0
12.0	11.0000	1017.0
14.0	9.5714	1033.0
16.0	8.5000	1048.0
18.0	7.6667	1057.0
20.0	7.0000	1067.0
22.0	6.4545	1076.0
24.0	6.0000	1084.0
26.0	5.6154	1090.0
28.0	5.2857	1096.0
30.0	5.0000	1102.0
40.0	4.0000	1121.0
50.0	3.4000	1135.0
60.0	3.0000	1146.0
70.0	2.7143	1152.0
80.0	2.5000	1159.0
90.0	2.3333	1165.0
100.0	2.2000	1169.0
110.0	2.0909	1172.0
120.0	2.0000	1176.0
130.0	1.9231	1177.0 *
140.0	1.8571	1179.0 *
150.0	1.8000	1182.0 *
160.0	1.7500	1184.0 *
170.0	1.7059	1185.0 *
180.0	1.6667	1188.0 *

* VALUES USED IN HORNER ANALYSIS

SLOPE: 172.49376 PSI/CYCLE

EXTRAPOLATED PRESSURE: 1225.8 PSI

BEST IMAGE
AVAILABLE

BEST IMAGE
AVAILABLE

HORNER PLOT

TEST DATE: 12 22 82

WELL NAME: LEXICON STATE 1-20

LOCATION:

DST-NO:

001

REC-NO:

013132

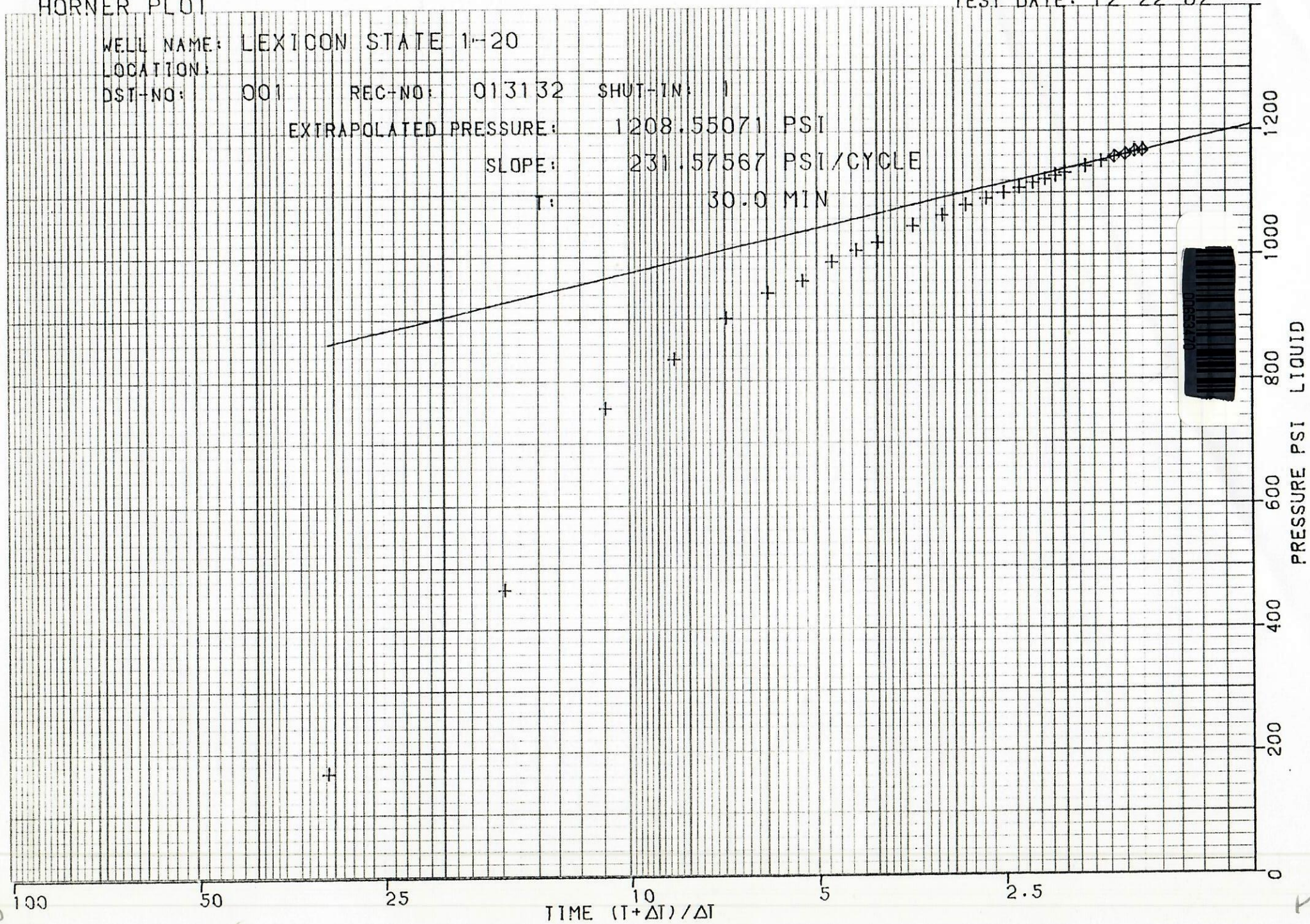
SHUT-IN:

1

EXTRAPOLATED PRESSURE: 1208.55071 PSI

SLOPE: 231.57567 PSI/CYCLE

T: 30.0 MIN



BEST IMAGE
AVAILABLE

HORNER PLOT

TEST DATE: 12 22 82

WELL NAME: LEXICON STATE 1-20

LOCATION:

DST-NO: 001

REC-NO: 013132

SHUT-IN: 2

EXTRAPOLATED PRESSURE: 1225.76560 PSI

SLOPE: 172.49376 PSI/CYCLE

T: 120.0 MIN

