

Phone (303) 573-8027

BAKER SERVICE TOOLS

1616 Glenarm — Suite 1350
Denver, CO 80202

Contractor McVay Drilling Co.
Rig No. 8
Spot --
Sec. 29
Twp. 16 S
Rng. 37 E
Field --
County Lea
State New Mexico
Elevation 3854' KB
Formation Paddock

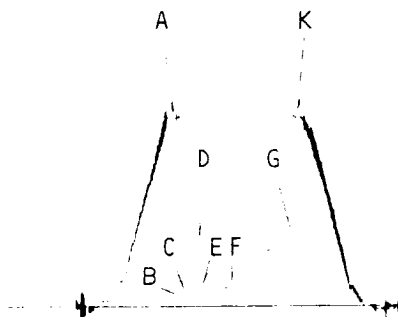
Surface Choke Bubble Hose
Bottom Choke 3/4"
Hole Size 7 7/8"
Core Hole Size --
DP Size & Wt. 4 1/2" 16.60
Wt. Pipe None
I.D. of DC 2 1/4"
Length of DC 626'
Total Depth 6380'
Type Test Conventional
Interval 6245' - 6380'

Mud Type Water
Weight 8.4
Viscosity --
Water Loss --
Filter Cake --
Resistivity 1.5 @ 70 °F
3,786 Ppm. NaCl
B.H.T. 148 °F
Co. Rep. Not Reported
Tester Harry Schmidt
Baker Dist. Hobbs NM

	REPORTED	CORRECTED
Opened Tool @	12:25	hrs.
Flow No. 1	5	9 min.
Shut-In No. 1	30	29 min.
Flow No. 2	60	61 min.
Shut-In No. 2	120	118 min.
Flow No. 3	None Taken	min.
Shut-In No. 3	"	" min.

Recorder Type Kuster K-3
No. 22722 Cap. 6625 psi
Depth 6380 feet
Inside Clock
Outside X Range 24 hrs.

Initial Hydrostatic	A	2693.0
Final Hydrostatic	K	2695.9
Initial Flow	B	117.2
Final Initial Flow	C	181.2
Initial Shut-In	D	877.9
Second Initial Flow	E	213.9
Second Final Flow	F	276.8
Second Shut-In	G	981.6
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-In	J	



Pipe Recovery: 800' Water with a trace of oil = 5.54 bbl.

Resistivity:
Top: 1.5 @ 70°F - .74 @ Res Temp = 3,786 ppm NaCl., 2,301 ppm Cl.
Middle: 1.8 @ 70°F - .89 @ Res Temp = 3,123 ppm NaCl., 1,898 ppm Cl.
Bottom: 1.8 @ 70°F - .89 @ Res Temp = 3,123 ppm NaCl., 1,898 ppm Cl.

1st Flow: Tool opened with a very weak blow and remained thru flow period.

2nd Flow: Tool opened with a very weak blow and remained thru flow period.

Remarks: The top sub washed out in the shut-in tool. This condition probably caused some influx of fluid from the annulus.

Operator
Ticket No. 2622
Date 10/9/87
1177EAKY ULL & GAS CURT.

Location
County, State

Section 29 S1
S-29 T-16S R-37E
LEA COUNTY, NM

Interval
Formation

6245' - 6380'
PADDOCK

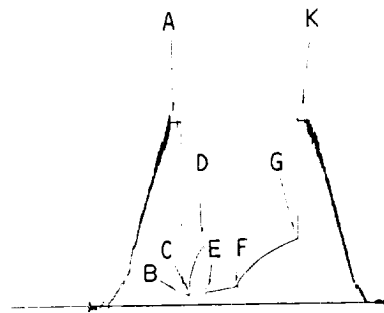
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BAKER SERVICE TOOLS

Tipperary Oil & Gas Corp.
Operator

Wiser 29 ST CM #1
Well Name and No.

1
DST No



Recorder Type Kuster K-3
No. 22719 Cap. 6725 psi
Depth 6223 feet
Inside X Clock
Outside Range 24 hrs.

Initial Hydrostatic A 2679.8
Final Hydrostatic K 2678.3
Initial Flow B 191.0
Final Initial Flow C 162.0
Initial Shut-In D 859.0
Second Initial Flow E 199.9
Second Final Flow F 268.2
Second Shut-In G 971.3
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-In J _____

Recorder Type _____
No. _____ Cap. _____ ps
Depth _____ fee
Inside Clock
Outside Range _____ hrs.

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 _____

BAKER SERVICE TOOLS

SAMPLER REPORT

Company Tipperary Oil & Gas Corp. Date 10/9/87
Well Name & No. Wiser 29 ST CM #1 Ticket No. 2622
County Lea State New Mexico
Test Interval 6245' - 6380' DST No. 1

Pressure in Sampler: None psig
Total Volume of Sampler: 2600 cc.
Total Volume of Sample: 2600 cc.
Oil: None cc.
Water: 2600 cc.
Mud: None cc.
Gas: None cu. ft.
Other: None

Sample R W: 2.8 @ 65°F - 1.30 @ Res Temp = 2,105 ppm NaCl., 1,280 ppm Cl.

Resistivity

Make Up Water 10.0+ @ 70 °F of Chloride Content Less Than 515 ppm.
Mud Pit Sample 1.5 @ 70 °F of Chloride Content 3,786 ppm.
Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained Baker Shop.

Remarks: _____

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BAKER SERVICE TOOLS

Tipperary Oil & Gas Corp.

Operator

Wiser 29 ST CM #1

Well Name and No.

1

DST No

RECORDER NO. 22722 DEPTH 6380 FT.

INITIAL FLOW

<u>DT(MIN)</u>	<u>PRESSURE(PSIG)</u>
0	177.2
5	177.0
9	181.2

RECORDER NO. 22722 DEPTH 6380 FT.

FINAL FLOW

<u>DT(MIN)</u>	<u>PRESSURE(PSIG)</u>
0	213.9
5	218.7
10	221.2
15	223.0
20	224.7
25	228.9
30	236.7
35	242.0
40	249.2
45	255.9
50	262.6
55	268.5
60	274.3
61	276.8

BAKER SERVICE TOOLS

Tipperary Oil & Gas Corp.

Operator

Wiser 29 ST CM #1

Well Name and No.

1

DST No

RECORDER NO. 22722 DEPTH 6380 FT.

INITIAL SHUT-IN

INITIAL FLOW TIME: T = 9 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(P SIG)	DP(P SIG)
0		181.2	0.0
1	1.000	257.3	76.1
2	.740	311.2	130.0
3	.602	354.4	173.2
4	.512	393.7	212.5
5	.447	430.5	249.3
6	.398	467.4	286.2
7	.359	494.0	312.8
8	.327	523.7	342.5
9	.301	554.3	373.1
10	.279	577.9	396.7
12	.243	625.5	444.3
14	.216	668.4	487.2
16	.194	703.1	521.9
18	.176	738.3	557.1
20	.161	765.9	584.7
22	.149	793.9	612.7
24	.138	819.3	638.1
26	.129	843.2	662.0
28	.121	865.5	684.4
29	.117	877.9	696.7

EXTRAPOLATED PRESSURE: INDETERMINATE

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BAKER SERVICE TOOLS

Tipperary Oil & Gas Corp.
Operator

Wiser 29 ST CM #1
Well Name and No.

1
DST No.

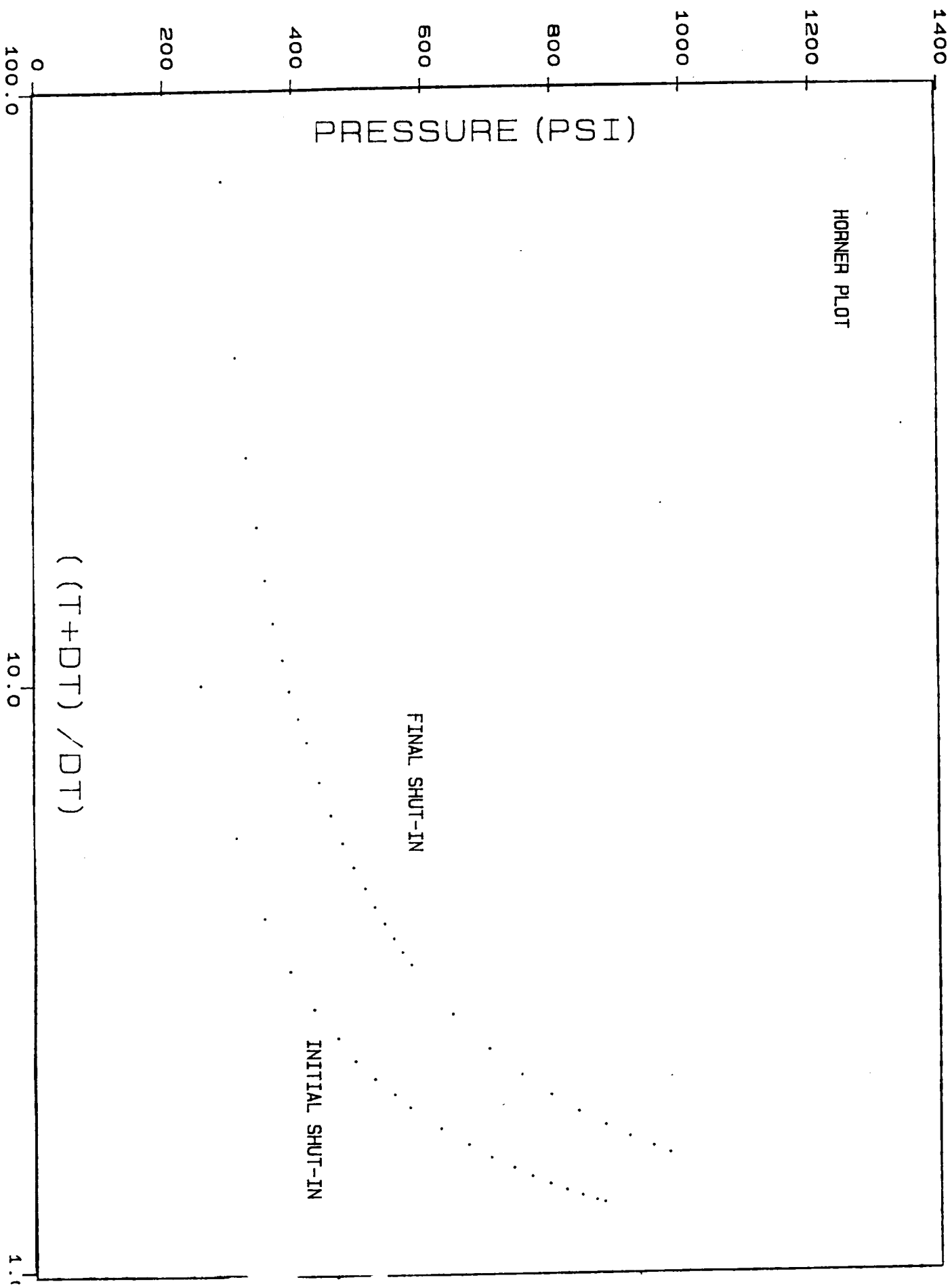
RECORDER NO. 22722 DEPTH 6380 FT.

FINAL SHUT-IN

TOTAL FLOW TIME: T = 70 MIN.

DT(MIN)	LOG((T+DT)/DT)	PRESSURE(P SIG)	DP(P SIG)
0		276.8	0.0
1	1.851	290.6	13.8
2	1.556	312.0	35.2
3	1.386	328.8	52.0
4	1.267	345.0	68.2
5	1.176	357.7	80.9
6	1.103	369.5	92.7
7	1.041	384.1	107.3
8	.989	394.3	117.5
9	.943	408.1	131.2
10	.903	421.3	144.5
12	.835	440.3	163.4
14	.778	458.2	181.3
16	.730	476.3	199.5
18	.689	493.1	216.3
20	.653	510.8	233.9
22	.621	525.9	249.1
24	.593	541.1	264.3
26	.567	555.4	278.6
28	.544	568.4	291.5
30	.523	582.1	305.3
40	.439	646.1	369.3
50	.380	702.3	425.5
60	.336	752.3	475.5
70	.301	797.8	521.0
80	.273	840.1	563.3
90	.250	881.5	604.7
100	.230	918.8	642.0
110	.214	955.6	678.8
118	.202	981.6	704.8

EXTRAPOLATED PRESSURE: INDETERMINATE



1000.0

100.0

10.0

1.0

LOG/LOG PLOT

DELTA (T) (MIN)

DELTA (P) (PSI)

FINAL SHUT-IN

INITIAL SHUT-IN

1.0

10.0

100.0

1000.0

10000.0

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