

Company Texas Oil & Gas Corporation Lease & Well No. Miller "R" #1
 Elevation 1667½ Kelly Bushing Mississippi Formation Effective Pay -- Ft. Ticket No. 3710
 Date 10/1/79 Sec. 24 Twp. 29S Range 9W County Kingman State Kansas
 Test Approved by K. W. Dahlberg Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 4191 ft. to 4285 ft. Total Depth 4285 ft.
 Packer Depth 4186 ft. Size 6 3/4 in. Packer Depth 4191 ft. Size 6 3/4 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4275 ft. Recorder Number 3474 Cap. 3000
 Bottom Recorder Depth (Outside) 4278 ft. Recorder Number 3659 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #4 Drill Collar Length 360 I. D. 2.7 in.
 Mud Type drispac Viscosity 47 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 11.5 cc. Drill Pipe Length 3401 I. D. 3.8 in.
 Chlorides 10,000 P.P.M. Test Tool Length 30 ft. Tool Size 5½OD in.
 Jars: Make WTC Serial Number 410 Anchor Length 94 ft. Size 5½OD in.
 Did Well Flow? Yes Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Strong. Gas to surface in two minutes. Gauged 1,630,000 CFPD after five minutes.
After ten minutes 1,860,000 CFPD, then turned to mud and water.

Recovered 85 ft. of oily water
 Recovered 425 ft. of salt water chlorides 130,000 ppm
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 10:43 A.M. Time Started Off Bottom 1:45 A.M. Maximum Temperature 127
P.M. P.M.
 Initial Hydrostatic Pressure 2090 (A) P.S.I.
 Initial Flow Period 30 (B) 747 P.S.I. to (C) 905 P.S.I.
 Initial Closed In Period 60 (D) 1561 P.S.I.
 Final Flow Period 30 (E) 726 P.S.I. to (F) 841 P.S.I.
 Final Closed In Period 60 (G) 1544 P.S.I.
 Final Hydrostatic Pressure 2061 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/1/79 Recorder No. 3474 Capacity 3000 Test Ticket No. 3710
 Clock No. -- Elevation 1667 Location Kelly Bushing Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2090	P.S.I.	10:43A	M
B First Initial Flow Pressure	747	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	905	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1561	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	726	P.S.I.	60	Mins. 60 Mins.
F Second Final Flow Pressure	841	P.S.I.		
G Final Closed-in Pressure	1544	P.S.I.		
H Final Hydrostatic Mud	2061	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

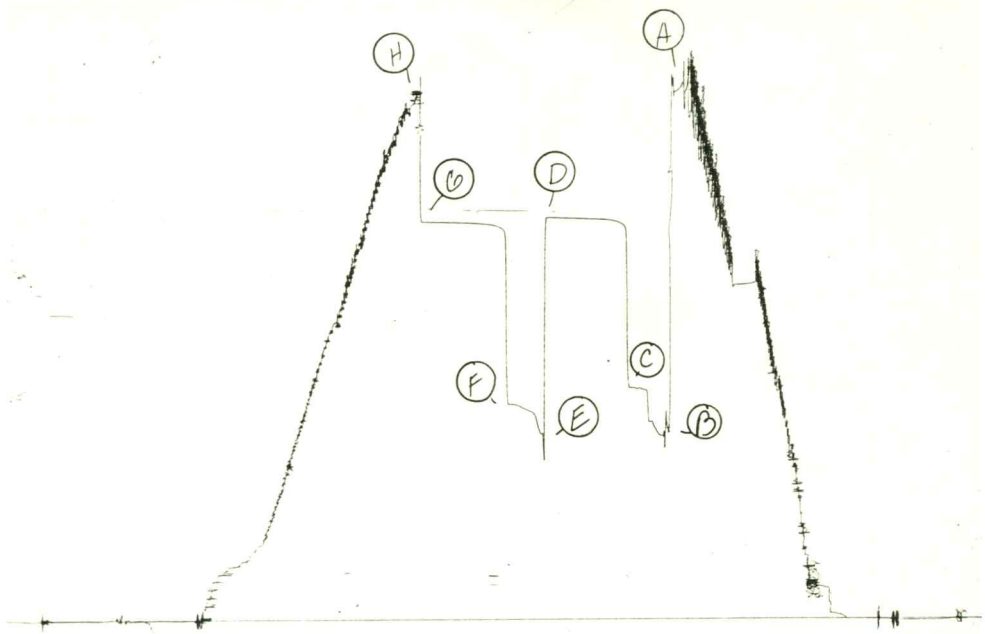
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

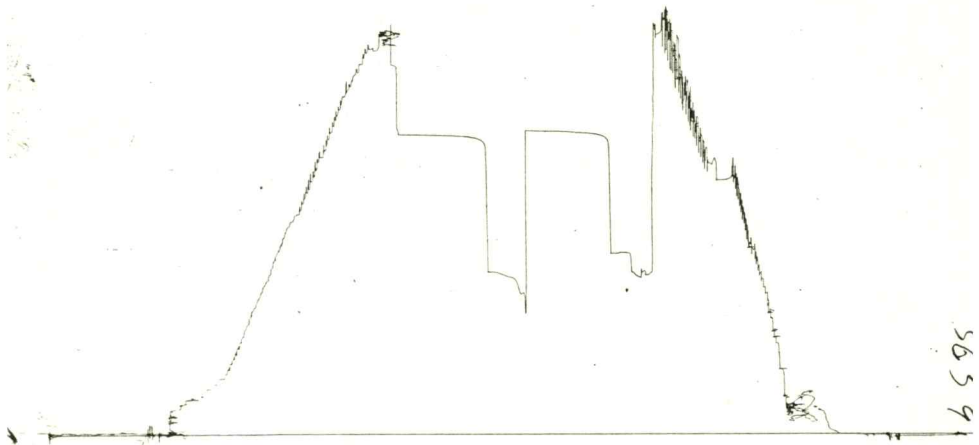
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	747	0	905	0	726	0	841
P 2 5	718	3	1526	5	759	3	1515
P 3 10	744	6	1538	10	812	6	1526
P 4 15	771	9	1546	15	824	9	1532
P 5 20	898	12	1550	20	838	12	1535
P 6 25	903	15	1552	25	841	15	1537
P 7 30	905	18	1553	30	841	18	1538
P 8		21	1555			21	1538
P 9		24	1555			24	1539
P10		27	1556			27	1540
P11		30	1556			30	1541
P12		33	1557			33	1542
P13		36	1557			36	1542
P14		39	1558			39	1543
P15		42	1558			42	1543
P16		45	1559			45	1544
P17		48	1559			48	1544
P18		51	1560			51	1544
P19		54	1560			54	1544
P20		57	1561			57	1544
		60	1561			60	1544

TRK# 3710
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5474



TH # 3710
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5659