

Dunne-Gardner Petroleum, Inc. &

Company Stalex Petroleum, Inc. Lease & Well No. #1 Stum
 Elevation 2254 Kelly Bushing Formation Mississippi Effective Pay --- Ft. Ticket No. 17437
 Date 10/29/82 Sec. 30 Twp. 20S Range 23W County Ness State Kansas
 Test Approved by Lee Poulsen Western Representative Clyde Scheffe

Formation Test No. 1 Interval Tested from 4316 ft. to 4356 ft. Total Depth 4356 ft.
 Packer Depth 4311 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
 Packer Depth 4316 ft. Size 6 3/4 in. Packer Depth -- ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4346 ft. Recorder Number 4331 Cap. 4150
 Bottom Recorder Depth (Outside) 4349 ft. Recorder Number 1134 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne-Gardner Drlg. Rig #34 Drill Collar Length - I. D. - in.
 Mud Type mylogel Viscosity 46 Weight Pipe Length 600 I. D. 3.2 in.
 Weight 9.7 Water Loss 9.6 cc. Drill Pipe Length 3696 I. D. 3.8 in.
 Chlorides 17,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 40 ft. Size 5 1/2 OD in.
 Did Well Flow? No 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 4 1/2 FH in.

Blow: Weak increasing to fair blow throughout test.

Recovered 300 ft. of gas in pipe
 Recovered 210 ft. of mud cut oil 8% water; 12% mud; 60% oil; 20% gas
 Recovered ft. of Chlorides 22,000 ppm
 Recovered ft. of
 Recovered ft. of

Remarks: Read bottom recorder; Top recorder clock stopped.

Time Set Packer(s) 5:05 A.M. Time Started Off Bottom 8:35 P.M. Maximum Temperature 118°
 Initial Hydrostatic Pressure (A) 2223 P.S.I.
 Initial Flow Period Minutes 30 (B) 56 P.S.I. to (C) 67 P.S.I.
 Initial Closed In Period Minutes 30 (D) 642 P.S.I.
 Final Flow Period Minutes 90 (E) 96 P.S.I. to (F) 120 P.S.I.
 Final Closed In Period Minutes 60 (G) 647 P.S.I.
 Final Hydrostatic Pressure (H) 2185 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/29/82 Test Ticket No. 17437
 Recorder No. 1134 Capacity 4500 Location 4349 Ft.
 Clock No. --- Elevation 2254 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2223	P.S.I.	5:05A	M
B First Initial Flow Pressure	56	P.S.I.	30	Mins. 30
C First Final Flow Pressure	67	P.S.I.	30	Mins. 30
D Initial Closed-in Pressure	642	P.S.I.	90	Mins. 90
E Second Initial Flow Pressure	96	P.S.I.	60	Mins. 60
F Second Final Flow Pressure	120	P.S.I.		
G Final Closed-in Pressure	647	P.S.I.		
H Final Hydrostatic Mud	2185	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	0	67	0	96	0	120
P 2	5	3	176	5	96	3	174
P 3	10	6	306	10	97	6	231
P 4	15	9	379	15	98	9	275
P 5	20	12	435	20	100	12	313
P 6	25	15	478	25	102	15	346
P 7	30	18	518	30	104	18	377
P 8		21	553	35	106	21	406
P 9		24	589	40	107	24	433
P10		27	620	45	118	27	459
P11		30	642	50	110	30	481
P12				55	112	33	502
P13				60	114	36	522
P14				65	115	39	544
P15				70	116	42	561
P16				75	117	45	578
P17				80	118	48	596
P18				85	119	51	612
P19				90	120	54	629
P20						57	642
						60	647

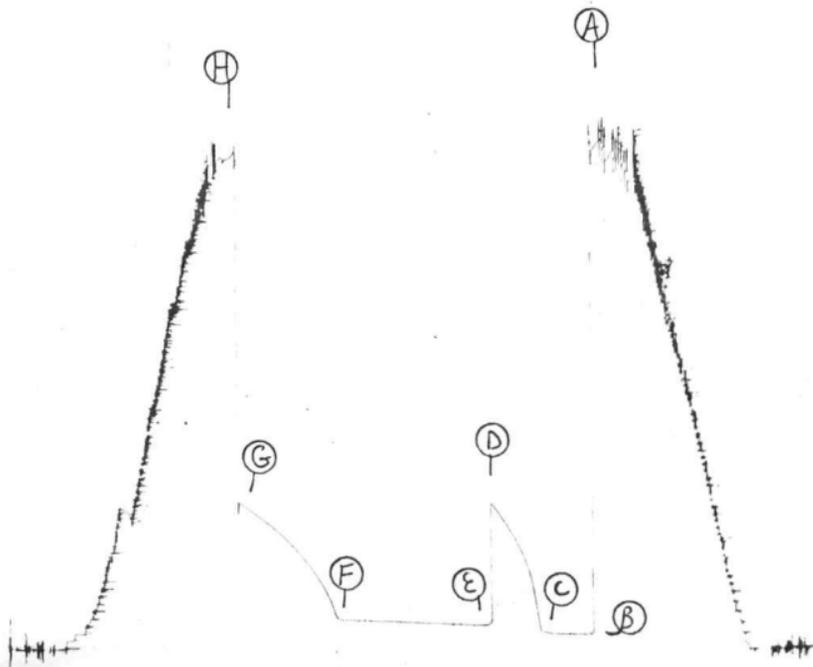
Bottom # 1134

W-29-82

Stalex Petro.
Stum #1
DST #1

TKT # 17437

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Company Statex Petroleum, Inc. Lease & Well No. #1 Stum
 Elevation 2254 Kelly Bushing Formation Mississippi Effective Pay ---- Ft. Ticket No. 17438
 Date 10/29/82 Sec. 30 Twp. 20S Range 23W County Ness State Kansas
 Test Approved by Lee Poulsen Western Representative Clyde Scheffe

Formation Test No. 2 Interval Tested from 4348 ft. to 4361 ft. Total Depth 4361 ft.
 Packer Depth 4343 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4348 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4351 ft. Recorder Number 4331 Cap. 4150
 Bottom Recorder Depth (Outside) 4354 ft. Recorder Number 1134 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne-Gardner Pet. Drlg. Rig #34 Drill Collar Length - I. D. - in.
 Mud Type mylogel Viscosity 42 Weight Pipe Length 600 I. D. 3.2 in.
 Weight 9.8 Water Loss 11.8 cc. Drill Pipe Length 3728 I. D. 3.8 in.
 Chlorides 15,500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 13 ft. Size 5 1/2 OD in.
 Did Well Flow? No 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 4 1/2 FH in.

Blow: Weak increasing to good blow throughout test.

Recovered 125 ft. of clean gassy oil Gravity 38 @ 56°F
 Recovered 180 ft. of mud cut oil 67% oil; 10% mud; 3% water; 20% gas
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Packer did not hold first try; held on second try.

Time Set Packer(s) 6:45 ~~AM~~ P.M. Time Started Off Bottom 10:15 ~~AM~~ P.M. Maximum Temperature 118°
 Initial Hydrostatic Pressure (A) 2294 P.S.I.
 Initial Flow Period Minutes 30 (B) 71 P.S.I. to (C) 86 P.S.I.
 Initial Closed In Period Minutes 30 (D) 595 P.S.I.
 Final Flow Period Minutes 90 (E) 123 P.S.I. to (F) 145 P.S.I.
 Final Closed In Period Minutes 51 (G) 575 P.S.I.
 Final Hydrostatic Pressure (H) 2274 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 10/29/82 Recorder No. 4331 Capacity 4150 Test Ticket No. 17438
 Location 4351 Ft.
 Clock No. -- Elevation 2254 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A. Initial Hydrostatic Mud	2294	P.S.I.	6:45P	M
B. First Initial Flow Pressure	71	P.S.I.	30	30
C. First Final Flow Pressure	86	P.S.I.	30	30
D. Initial Closed-in Pressure	595	P.S.I.	90	90
E. Second Initial Flow Pressure	123	P.S.I.	60	51
F. Second Final Flow Pressure	145	P.S.I.		
G. Final Closed-in Pressure	575	P.S.I.		
H. Final Hydrostatic Mud	2274	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of 6		of 10		of 18		of 17	
	mins. and a		mins. and a		mins. and a		mins. and a	
	final inc. of 0	Min.	final inc. of 0	Min.	final inc. of 0	Min.	final inc. of 0	Min.
Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 0	71	0	86	0	123	0	145	
P 2 5	71	3	197	5	123	3	175	
P 3 10	74	6	293	10	123	6	216	
P 4 15	78	9	369	15	123	9	260	
P 5 20	80	12	428	20	123	12	300	
P 6 25	84	15	465	25	123	15	334	
P 7 30	86	18	501	30	123	18	365	
P 8		21	534	35	127	21	389	
P 9		24	559	40	129	24	415	
P10		27	581	45	131	27	440	
P11		30	595	50	133	30	462	
P12				55	137	33	484	
P13				60	140	36	501	
P14				65	142	39	517	
P15				70	144	42	534	
P16				75	145	45	549	
P17				80	145	48	565	
P18				85	145	51	575	
P19				90	145			
P20								

Log # 4331

10-29-82

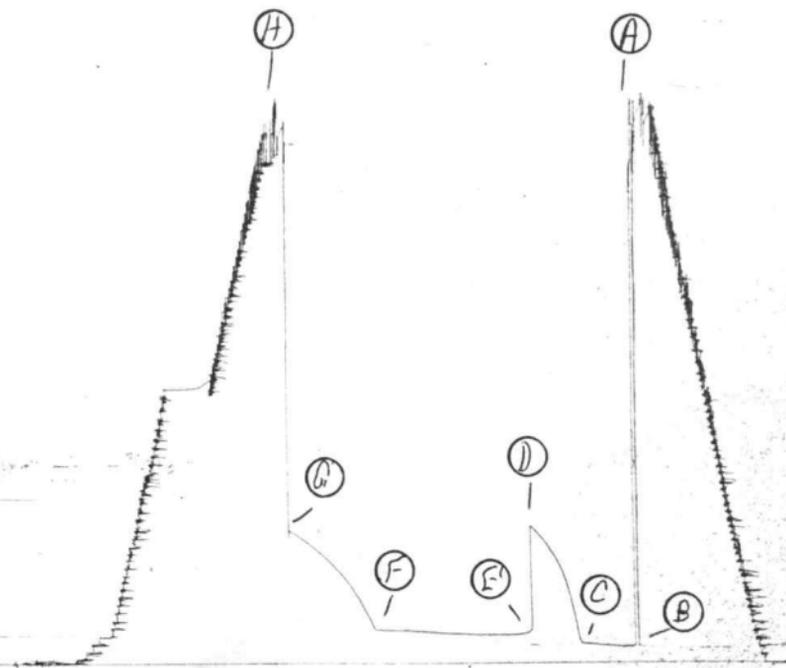
ST97PA Petro

TRT 17438

Stum #1

DST #2

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Company State Petroleum, Inc. Lease & Well No. #1 Stum
 Elevation 2254 Kelly Bushing Formation Mississippi Effective Pay ----- Ft. Ticket No. 17439
 Date 10/30 /82 Sec. 30 Twp. 20S Range 23W County Ness State Kansas
 Test Approved by Lee Poulsen Western Representative Clyde Scheffe

Formation Test No. 3 Interval Tested from 4352 ft. to 4369 ft. Total Depth 4369 ft.
 Packer Depth 4348 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4352 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4359 ft. Recorder Number 4331 Cap 4150
 Bottom Recorder Depth (Outside) 4362 ft. Recorder Number 1134 Cap 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor Dunne-Gardner Pet. Drlg. Rig #34 Drill Collar Length - I. D. - in.
 Mud Type mylogel Viscosity 42 Weight Pipe Length 600 I. D. 3.2 in.
 Weight 9.8 Water Loss 11.8 cc. Drill Pipe Length 3732 I. D. 3.8 in.
 Chlorides 15,500 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 17 ft. Size 5 1/2 OD
 Did Well Flow? No 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 4 1/2 FH in.

Blow: Strong blow on initial flow period - off bottom of bucket in twenty-two minutes.
Strong blow on final flow period - off bottom of bucket in sixty minutes.

Recovered 300 ft. of gas in pipe
 Recovered 5 ft. of clean gassy oil
 Recovered 425 ft. of mud cut oil
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 9:15 ~~P.M.~~ A.M. Time Started Off Bottom 12:45 ~~P.M.~~ A.M. Maximum Temperature 118°
 Initial Hydrostatic Pressure 2284 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 80 P.S.I. to (C) 113 P.S.I.
 Initial Closed In Period 30 Minutes (D) 608 P.S.I.
 Final Flow Period 90 Minutes (E) 159 P.S.I. to (F) 198 P.S.I.
 Final Closed In Period 60 Minutes (G) 682 P.S.I.
 Final Hydrostatic Pressure 2246 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 10/30/82 Recorder No. 4331 Capacity 4150 Test Ticket No. 17439
 Location 4359 Ft. Elevation 2254 Kelly Bushing Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2284	P.S.I.	9:15A	
B First Initial Flow Pressure	80	P.S.I.	30	30
C First Final Flow Pressure	113	P.S.I.	30	30
D Initial Closed-in Pressure	608	P.S.I.	90	90
E Second Initial Flow Pressure	159	P.S.I.	60	60
F Second Final Flow Pressure	198	P.S.I.		
G Final Closed-in Pressure	682	P.S.I.		
H Final Hydrostatic Mud	2246	P.S.I.		

PRESSURE BREAKDOWN

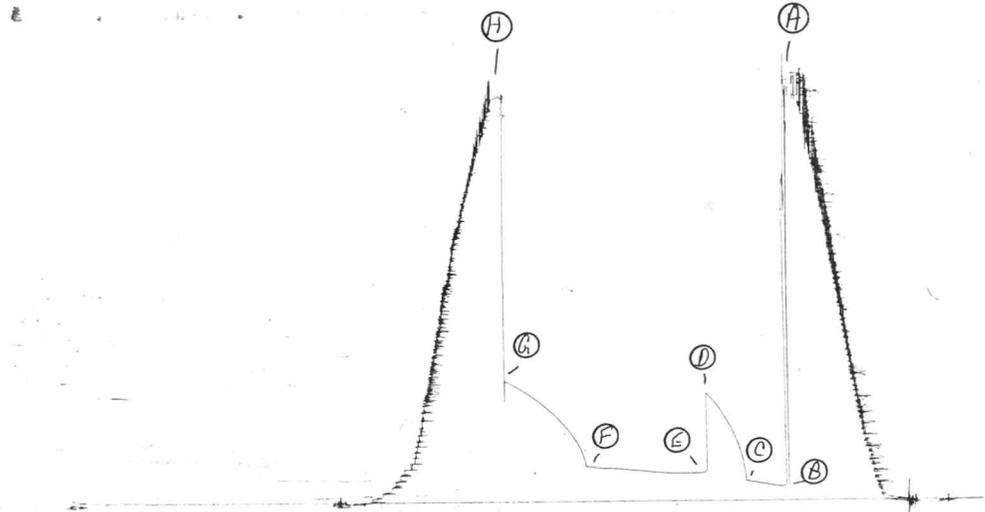
Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of 5 mins. and a final inc. of 0 Min.		of 3 mins. and a final inc. of 0 Min.		of 5 mins. and a final inc. of 0 Min.		of 3 mins. and a final inc. of 0 Min.	
Point Minutes	Press.							
P 1 0	80	0	113	0	159	0	198	
P 2 5	82	3	255	5	159	3	286	
P 3 10	89	6	319	10	159	6	323	
P 4 15	95	9	370	15	159	9	362	
P 5 20	102	12	418	20	159	12	396	
P 6 25	107	15	462	25	159	15	425	
P 7 30	113	18	498	30	159	18	450	
P 8		21	525	35	164	21	475	
P 9		24	560	40	167	24	498	
P10		27	583	45	170	27	517	
P11		30	608	50	172	30	537	
P12				55	178	33	556	
P13				60	181	36	574	
P14				65	186	39	591	
P15				70	189	42	607	
P16				75	189	45	620	
P17				80	189	48	635	
P18				85	197	51	648	
P19				90	198	54	661	
P20						57	672	
						60	682	

Top # 4331

10-30-82

StateX Petro.
Stum #1
DST #3

TKT 17439
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Bottom # 1134

10-30-82

StateX Petro.
Stum #1
DST #3

TKT 17439

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