Company: Energy Exploration, Inc. Lease & Well No.: Essmiller #1

Elevation: - Formation: - Effective Pay: - Ft. Ticket No.: 9827

Date: 3/2/81 Sec.: 36 Twp.: 19S Range: 14W County: Barton State: Kansas

Test Approved by: Curtis E Carey Western Representative: Ray Schwager - Toby Halfhil

Formation Test No.: 1 Interval Tested from: 3317 ft. to: 3345 ft. Total Depth: 3345 ft.

Packer Depth: 3312 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Packer Depth: 3317 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 3319 ft. Recorder Number: 13269 Cap.: 4375

Bottom Recorder Depth (Outside): 3322 ft. Recorder Number: 13270 Cap.: 4375

Below Straddle Recorder Depth: - ft. Recorder Number: - Cap.: -

Drilling Contractor: Duke Drilling Rig #2 Drill Collar Length: - I. D.: - in.

Mud Type: Starch Viscosity: 36 Weight Pipe Length: 317 I. D.: 2.7 in.

Weight: 10.0 Water Loss: 17.2 cc. Drill Pipe Length: 2974 I. D.: 3.8 in.

Chlorides: 88,000 P.P.M. Test Tool Length: 26 ft. Tool Size: 4½ in.

Jars: Make: - Serial Number: - Anchor Length: 28 ft. Size: 5½ in.

Did Well Flow?: - Reversed Out: - Surface Choke Size: 5/8 in. Bottom Choke Size: 5/8 in.

Main Hole Size: 7 7/8 in. Tool Joint Size: 4½XH in.

Blow:

Recovered: 90 ft. of: mud

Recovered: ft. of:

Recovered: ft. of:

Recovered: ft. of:

Recovered: ft. of:

Remarks: MISRUN - NO PRESSURES AVAILABLE

Time Set Packer(s): - A.M. P.M. Time Started Off Bottom: - A.M. P.M. Maximum Temperature: -

Initial Hydrostatic Pressure ..... (A): - P.S.I.

Initial Flow Period ..... Minutes: - (B): - P.S.I. to (C): - P.S.I.

Initial Closed In Period ..... Minutes: - (D): - P.S.I.

Final Flow Period ..... Minutes: - (E): - P.S.I. to (F): - P.S.I.

Final Closed In Period ..... Minutes: - (G): - P.S.I.

Final Hydrostatic Pressure ..... (H): - P.S.I.

WTC-1

IKT # 9827

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13270

IKT # 9827

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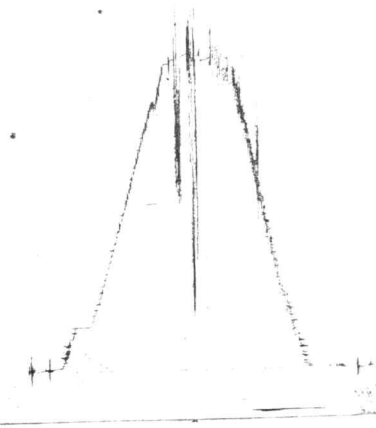
13268



Company: Energy Exploration, Inc. Lease & Well No.: Essmiller #1

Elevation: - Formation: - Effective Pay: - Ft. Ticket No.: 9828

Date: 3/2/81 Sec.: 36 Twp.: 19S Range: 14W County: Barton State: Kansas

Test Approved by: Curtis E Carey Western Representative: Ray Schwager - Toby Halfhil

Formation Test No.: 2 Interval Tested from: 3317 ft. to: 3345 ft. Total Depth: 3345 ft.

Packer Depth: 3312 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Packer Depth: 3317 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 3319 ft. Recorder Number: 13269 Cap.: 4375

Bottom Recorder Depth (Outside): 3322 ft. Recorder Number: 13270 Cap.: 4375

Below Straddle Recorder Depth: - ft. Recorder Number: - Cap.: -

Drilling Contractor: Duke Drilling Rig #2 Drill Collar Length: - I. D.: - in.

Mud Type: Starch Viscosity: 45 Weight Pipe Length: 317 I. D.: 2.7 in.

Weight: 10.0 Water Loss: 17.2 cc. Drill Pipe Length: 2974 I. D.: 3.8 in.

Chlorides: 88,000 P.P.M. Test Tool Length: 26 ft. Tool Size: 4½ in.

Jars: Make: - Serial Number: - Anchor Length: 28 ft. Size: 5½ in.

Did Well Flow?: No Reversed Out: No Surface Choke Size: 5/8 in. Bottom Choke Size: 5/8 in.

Main Hole Size: 7 7/8 in. Tool Joint Size: 4½XH in.

Blow: Fair blow building to strong blow on initial flow period. Strong blow throughout final flow period.

Recovered 2520 ft. of gas in pipe — 10' gassy oil top of tool

Recovered 60 ft. of slightly oil cut gassy mud — 1o% mud; 86% oil; 4% gas

Recovered 30 ft. of water cut gassy mud

Recovered 60 ft. of heavy oil cut gassy mud

Recovered 170 ft. of frothy oil - 4% gas; 20% mud; 76% oil

Remarks: Slid tool approx 10' to bottom.

Time Set Packer(s): 10:15 ~~A.M.~~ P.M. Time Started Off Bottom: 2:15 A.M. ~~P.M.~~ Maximum Temperature: 99

Initial Hydrostatic Pressure			(A) 1771 P.S.I.			
Initial Flow Period	Minutes 60	(B) 84 P.S.I.	to	(C) 123 P.S.I.		
Initial Closed In Period	Minutes 57	(D) 1133 P.S.I.				
Final Flow Period	Minutes 55	(E) 137 P.S.I.	to	(F) 165 P.S.I.		
Final Closed In Period	Minutes 57	(G) 1081 P.S.I.				
Final Hydrostatic Pressure			(H) 1771 P.S.I.			

WTC-1

WESTERN TESTING CO., INC.
Pressure Data

Date 3/2/81 Test Ticket No. 9828

Recorder No. 13269 Capacity 4375 Location 3319 Ft.

Clock No. - Elevation -- Well Temperature 99° °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1771	P.S.I.	Open Tool	10:15P M	
B	First Initial Flow Pressure	84	P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C	First Final Flow Pressure	123	P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	1133	P.S.I.	Second Flow Pressure	60 Mins.	55 Mins.
E	Second Initial Flow Pressure	137	P.S.I.	Final Closed-in Pressure	60 Mins.	57 Mins.
F	Second Final Flow Pressure	165	P.S.I.			
G	Final Closed-in Pressure	1081	P.S.I.			
H	Final Hydrostatic Mud	1771	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	84
P 2	5	87
P 3	10	90
P 4	15	96
P 5	20	99
P 6	25	104
P 7	30	108
P 8	35	111
P 9	40	115
P10	45	117
P11	50	120
P12	55	122
P13	60	123
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Initial Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	123
3	165
6	284
9	469
12	739
15	891
18	976
21	1031
24	1061
27	1081
30	1090
33	1098
36	1105
39	1111
42	1116
45	1121
48	1125
51	1129
54	1132
57	1133

Second Flow Pressure
Breakdown: 11 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	137
5	138
10	143
15	149
20	151
25	152
30	153
35	156
40	159
45	162
50	163
55	165

Final Shut-In
Breakdown: 19 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	165
3	262
6	394
9	589
12	774
15	865
18	930
21	973
24	1002
27	1023
30	1037
33	1050
36	1059
39	1064
42	1070
45	1074
48	1076
51	1078
54	1080
57	1081

IKT # 9128

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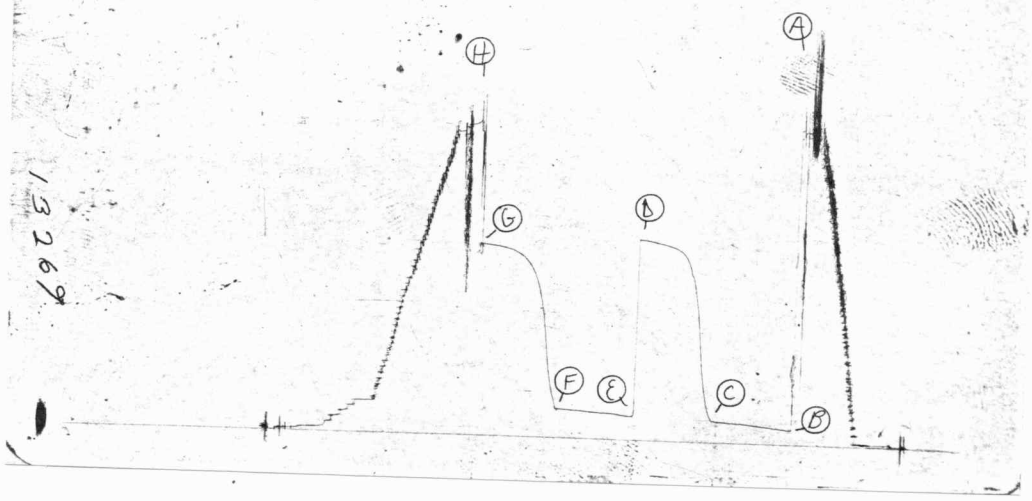


13269

Company: Energy Exploration, Inc. Lease & Well No.: Essmiller #1

Elevation: - Formation: - Effective Pay: - Ft. Ticket No.: 9829

Date: 3/4/81 Sec.: 36 Twp.: 19S Range: 14W County: Barton State: Kansas

Test Approved by: Curtis E Carey Western Representative: Ray Schwager - Toby Halfhil

Formation Test No.: 3 Interval Tested from: 3485 ft. to: 3525 ft. Total Depth: 3525 ft.

Packer Depth: 3480 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Packer Depth: 3485 ft. Size: 6 5/8 in. Packer Depth: - ft. Size: - in.

Depth of Selective Zone Set: -

Top Recorder Depth (Inside): 3487 ft. Recorder Number: 13269 Cap.: 4375

Bottom Recorder Depth (Outside): 3490 ft. Recorder Number: 13270 Cap.: 4375

Below Straddle Recorder Depth: - ft. Recorder Number: - Cap.: -

Drilling Contractor: Duke Drilling Rig #2 Drill Collar Length: - I. D.: - in.

Mud Type: Starch Viscosity: 46 Weight Pipe Length: 317 I. D.: 2.7 in.

Weight: 9.9 Water Loss: 14.0 cc. Drill Pipe Length: 3142 I. D.: 3.8 in.

Chlorides: 67,000 P.P.M. Test Tool Length: 26 ft. Tool Size: 4.5 in.

Jars: Make: - Serial Number: - Anchor Length: 40 ft. Size: 5.5 in.

Did Well Flow?: No Reversed Out: No Surface Choke Size: 5/8 in. Bottom Choke Size: 5/8 in.

Main Hole Size: 7 7/8 in. Tool Joint Size: 4½XH in.

Blow: Initial flow period fair blow building to strong blow - gas to surface. Final flow period strong blow - gas to surface. See attached sheet for gas measurements.

Recovered: 150 ft. of heavy gas cut mud - slight show of oil

Recovered: 360 ft. of gas cut water

Recovered: ft. of

Recovered: ft. of

Recovered: ft. of

Remarks:

Time Set Packer(s): 10:48 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom: 2:48 ~~A.M.~~ ~~P.M.~~ Maximum Temperature: 103

Initial Hydrostatic Pressure ..... (A) 1858 P.S.I.

Initial Flow Period ..... Minutes 60 (B) 55 P.S.I. to (C) 129 P.S.I.

Initial Closed In Period ..... Minutes 60 (D) 1067 P.S.I.

Final Flow Period ..... Minutes 60 (E) 126 P.S.I. to (F) 187 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1062 P.S.I.

Final Hydrostatic Pressure ..... (H) 1854 P.S.I.

WTC-1

GAS FLOW REPORT

Date 3/4/81 Ticket 9829 Company Energy Exploration, Inc.

Well Name and No. Esmiller #1 Dst No. 3 Interval Tested 3485-3525

County Barton State Kansas Sec. 36 Twp. 19S Rg. 14W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
			PRE FLOW			
	Gas to surface 30 minutes					
	40 min.	16 PSIG	¼" Orifice			20,700 C.F.P.D.
	60 Min	4.5" water	¼" Orifice			3,280 C.F.P.D.
			SECOND FLOW			
	5 Min	10" water	¼" Orifice			5,320 C.F.P.D.
	20 Min	7" water	¼" Orifice			4,450 C.F.P.D.
	35 Min	6" water	¼" Orifice			4,120 C.F.P.D.
	50 Min	5" water	¼" Orifice			3,710 C.F.P.D.
	60 Min	14" water	¼" Orifice			6,330 C.F.P.D.

GAS BOTTLE

Serial No. - Date Bottle Filled - Date to be Invoiced 3/4/81

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of $75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Energy Exploration, Inc.

Authorized by Curtis E. Carey

FORM WTC 6

WESTERN TESTING CO., INC.
Pressure Data

Date 3/4/81 Test Ticket No. 9829

Recorder No. 13269 Capacity 4375 Location 3487 Ft.

Clock No. - Elevation ------ Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1858 P.S.I.	Open Tool	10:48A M	
B First Initial Flow Pressure	55 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	129 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1067 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	126 P.S.I.	Final Closed-in Pressure	60 Mins.	60 Mins.
F Second Final Flow Pressure	187 P.S.I.			
G Final Closed-in Pressure	1062 P.S.I.			
H Final Hydrostatic Mud	1854 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	55
P 2	5	77
P 3	10	84
P 4	15	92
P 5	20	103
P 6	25	110
P 7	30	119
P 8	35	127
P 9	40	131
P10	45	131
P11	50	125
P12	55	127
P13	60	129
P14		
P15		
P16		
P17		
P18		
P19		
P20		

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

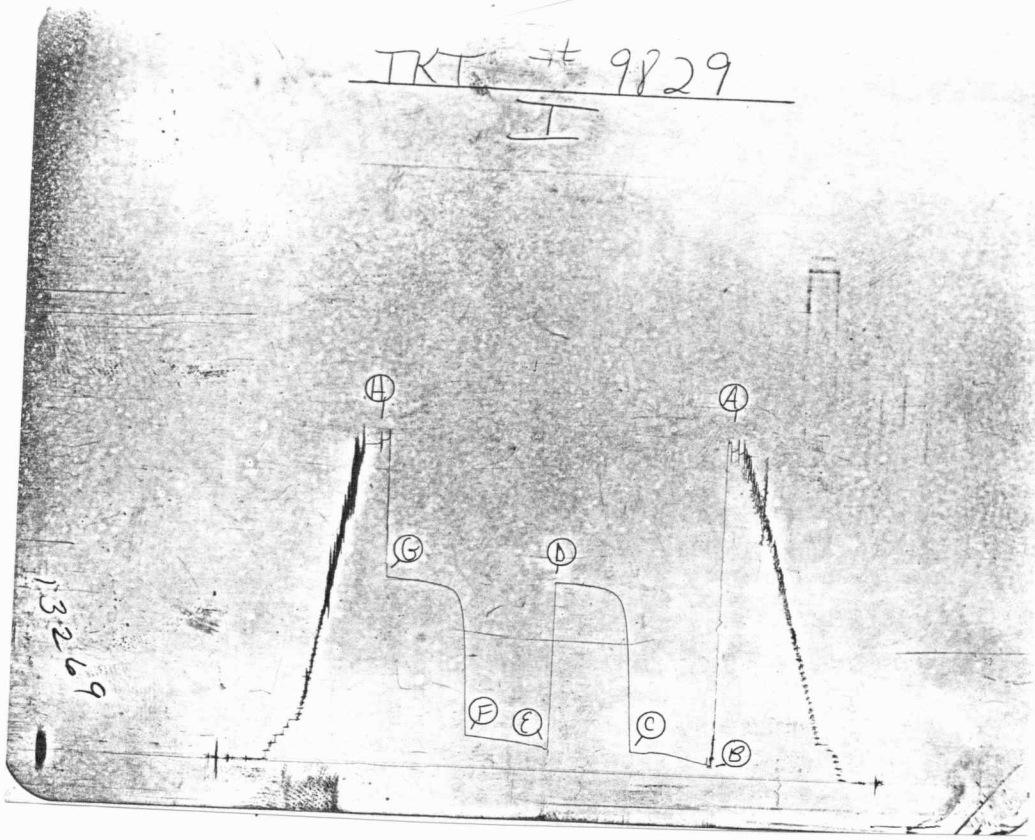
Point Minutes	Press.
0	129
3	522
6	820
9	935
12	987
15	1010
18	1025
21	1036
24	1042
27	1045
30	1048
33	1050
36	1053
39	1056
42	1059
45	1061
48	1063
51	1064
54	1065
57	1066
60	1067

Second Flow Pressure
Breakdown: 12 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	126
5	140
10	147
15	151
20	159
25	164
30	167
35	170
40	174
45	178
50	182
55	184
60	187

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

Point Minutes	Press.
0	187
3	695
6	880
9	962
12	996
15	1008
18	1018
21	1024
24	1030
27	1034
30	1038
33	1042
36	1046
39	1048
42	1050
45	1052
48	1054
51	1056
54	1058
57	1060
60	1062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