



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Workman #1

Company Hummon Oil Co. Lease & Well No. 21335
Simpson
 Elevation 2-14-75 Formation 25 29S 3W Effective Pay Sedgwick Ft. Ticket No. Kansas
 Date 25 Sec. 29S Twp. 3W Range Sedgwick County Kansas State Forrest Purnell
 Test Approved by Bryron E. Hammon Jr. Western Representative Forrest Purnell
 Formation Test No. 7 7/8 O.K. X Misrun - Interval Tested From 4116' to 4130' Total Depth 4130'
 Size Main Hole 5 1/2 OD Rat Hole 4 1/2 FH Conv. 15 B.T. 5 1/2 OD Damaged Yes No Conv. 6 3/4 B.T. 3/4 Damaged Yes No
 Top Packer Depth - Ft. Size - Bottom Packer Depth - Ft. Size -
 Straddle 5 1/2 OD Conv. 4 1/2 FH B.T. 15 Damaged Yes No 5 1/2 OD Packer Depth 7/3/4 Ft. Size 3/4
 Tool Size 4 1/2 Tool Joint Size 6859 Anchor Length 4126 Ft. Size 4126 Surface Choke Size 9102 In. Bottom Choke Size 9102 In.
 RECORDERS Depth Kuster 4200 Ft. Clock No. 1559 Inside - Depth Kuster 3150 Ft. Clock No. 1565 Inside -
 Top Make - Cap. - No. - Outside - Bottom Make - Cap. - No. - Outside -
 Below Straddle: Depth 12:40 Rec. No. P Clock No. - Inside - Depth - Ft. Rec. No. - Clock No. - Inside -
 Time Set Packer 12:45P M 1:15P - 30 160 1305
 Tool Open I.F.P. From 1:15P M. to 1:45P M. - Hr. 30 Min. From (B) 1516 P.S.I. To (C) 1305 P.S.I.
 Tool Closed I.C.I.P. From 1:45P M. to 2:15P M. - Hr. 30 Min (D) 1345 P.S.I. 1514 P.S.I.
 Tool Open F.F.P. From 2:15P M. to 2:45P M. - Hr. 30 Min. From (E) 1520 P.S.I. To (F) 135 P.S.I.
 Tool Closed F.C.I.P. From 2:11 M. to 2:09 M. - Hr. 30 Min. (G) 2091 P.S.I. 135 P.S.I.
 Initial Hydrostatic Pressure (A) 2111 P.S.I. Final Hydrostatic Pressure (H) 2091 P.S.I. Maximum Temp. 135

INFORMATION

Strong blow slightly diminishing throughout test.

BLOW - X
 Did Well Flow - Yes X No - Recovery Total Ft. 3240' of salt water.

Reversed Out X Yes - No - Mud Type Starch Viscosity 62 Weight 9.7 Water Loss 4.0 cc. Chlorides 45,000PPM
 EXTRA EQUIPMENT: Type pin Circ. Sub. - Safety Joint - Jars: Size - In. Make - Ser. No. -
 Dual Packer No Did Packers Hold? Yes Did Tool Plug? No Where? -
 DRILLING CONTRACTOR D.N.B. Drilling Co. Length Drill Pipe? 3131 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH
 Length Weight Pipe 689 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 xh In. Length Drill Collars 310 Ft. I.D. Drill Collars 2 1/2 In.
 Tool Joint Size 4 1/2 xh In. Length D.S.T. Tool 31 Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 2-14-75 Test Ticket No. 21335
 Recorder No. 1559 Capacity 4200 Location 4123 Ft.
 Clock No. 6859 Elevation - Well Temperature 135 °F

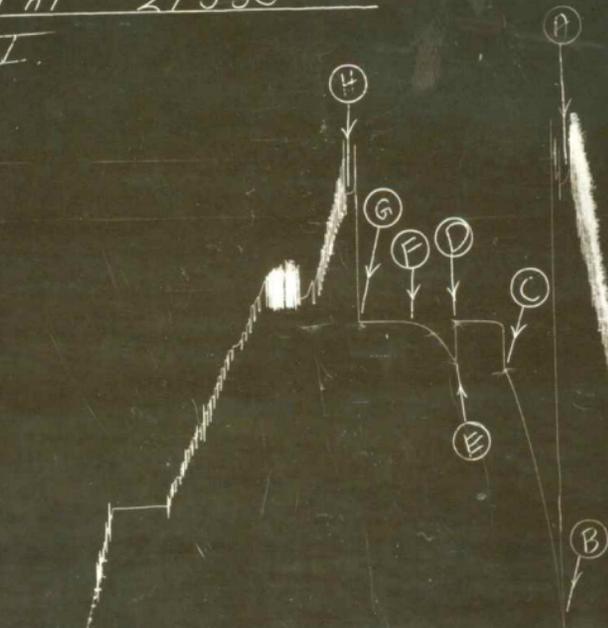
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2111	P.S.I.	12:40 P	M
B First Initial Flow Pressure	160	P.S.I.	30 Mins.	35 Mins.
C First Final Flow Pressure	1305	P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1516	P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	1345	P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	1514	P.S.I.		
G Final Closed-in Pressure	1520	P.S.I.		
H Final Hydrostatic Mud	2091	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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 <u>0</u>	160	<u>0</u>	1305	<u>0</u>	1345	<u>0</u>	1514
P 2 <u>5</u>	483	<u>3</u>	1499	<u>5</u>	1382	<u>3</u>	1517
P 3 <u>10</u>	686	<u>6</u>	1508	<u>10</u>	1433	<u>6</u>	1519
P 4 <u>15</u>	846	<u>9</u>	1512	<u>15</u>	1471	<u>9</u>	1520
P 5 <u>20</u>	981	<u>12</u>	1513	<u>20</u>	1495	<u>12</u>	1520
P 6 <u>25</u>	1112	<u>15</u>	1514	<u>25</u>	1506	<u>15</u>	1520
P 7 <u>30</u>	1224	<u>18</u>	1515	<u>30</u>	1514	<u>18</u>	1520
P 8 <u>35</u>	1305	<u>21</u>	1516			<u>21</u>	1520
P 9		<u>24</u>	1516			<u>24</u>	1520
P10		<u>27</u>	1516			<u>27</u>	1520
P11		<u>30</u>	1516			<u>30</u>	1520
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TAT # 21335

I.



1559