



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

Company Commercial Oil Co. Lease & Well No. Zurieker # 1
Elevation _____ Formation Mississippi Effective Pay --- Ft. Ticket No. 7090
Date 8-16-67 Sec. 4 Twp. 26 Range 30 County Butler State Kansas
Test Approved by W. P. Simmons Western Representative Norman Allen
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 2727' to 2734' Total Depth 2734'
Size Main Hole 7 7/8 Rat Hole _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 2722 Ft. Size 6 3/4 Packer Depth 2727 Ft. Size 6 3/4
Straddle _____ Yes ☒ No _____ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2 O. D. Tool Jt. Size 4 1/2 F.H. Anchor Length 7 Ft. Size 5 1/2 O. D.
RECORDERS Depth 2715 App. Ft. Clock No. 6861 Depth 2730 Ft. Clock No. 6899
Top Make Kuster Cap. 3150 No. 1560 Inside Bottom Make Kuster Cap. 3200 No. 1561 Outside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Inside
Top Make _____ Cap. _____ No. _____ Inside Bottom Make _____ Cap. _____ No. _____ Inside
Time Set Packer 8:28 A. M
Tool Open I.F.P. From 8:30 A M. to 8:35 A M. Hr. 5 Min. From (B) 14 P.S.I. To (C) 10 P.S.I.
Tool Closed I.C.I.P. From 8:35 A M. to 8:55 A M. Hr. 20 Min. (D) 25 P.S.I.
Tool Open F.F.P. From 8:55 A M. to 9:25 A M. Hr. 30 Min. From (E) 12 P.S.I. To (F) 12 P.S.I.
Tool Closed F.C.I.P. From 9:25 A M. to 9:45 A M. Hr. 20 Min. (G) 24 P.S.I.
Initial Hydrostatic Pressure (A) 1403 P.S.I. Final Hydrostatic Pressure (H) 1386 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak five minutes Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. Five feet drilling mud with few specks oil in tool
Reversed Out _____ Yes ☒ No _____ Mud Type Gel. Viscosity 37 Weight 10 Water Loss -- cc. Maximum Temp. 101 °F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make _____ Ser. No. _____
Type Circ. Sub. Pin Did Tool Plug? no Where? _____ Did Packer Hold? yes
Length Drill Pipe 2523 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars 180 ft.
I. D. Drill Collars 2 1/2 in. Length D.S.T. Tool 31 ft.
Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 8-16-67

Test Ticket No. 7090

Recorder No. 1560 Capacity 3150 Location 2715 Ft.

Clock No. 6861 Elevation _____ Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1403</u>	P.S.I.	<u>8:28 A.</u>	<u>M</u>
B First Initial Flow Pressure	<u>14</u>	P.S.I.	<u>5</u>	<u>5</u>
C First Final Flow Pressure	<u>10</u>	P.S.I.	<u>20</u>	<u>20</u>
D Initial Closed-in Pressure	<u>25</u>	P.S.I.	<u>30</u>	<u>30</u>
E Second Initial Flow Pressure	<u>12</u>	P.S.I.	<u>20</u>	<u>19</u>
F Second Final Flow Pressure	<u>12</u>	P.S.I.		
G Final Closed-in Pressure	<u>24</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1386</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>6</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 _____ Min.		final inc. of <u>2</u> Min.		final inc. of _____ Min.		final inc. of <u>1</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>14</u>	<u>0</u>	<u>10</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>12</u>
P 2 <u>5</u>	<u>10</u>	<u>3</u>	<u>10</u>	<u>5</u>	<u>12</u>	<u>3</u>	<u>13</u>
P 3 _____		<u>6</u>	<u>11</u>	<u>10</u>	<u>12</u>	<u>6</u>	<u>15</u>
P 4 _____		<u>9</u>	<u>12</u>	<u>15</u>	<u>12</u>	<u>9</u>	<u>18</u>
P 5 _____		<u>12</u>	<u>13</u>	<u>20</u>	<u>12</u>	<u>12</u>	<u>21</u>
P 6 _____		<u>15</u>	<u>17</u>	<u>25</u>	<u>12</u>	<u>15</u>	<u>22</u>
P 7 _____		<u>18</u>	<u>21</u>	<u>30</u>	<u>12</u>	<u>18</u>	<u>23</u>
P 8 _____		<u>20</u>	<u>25</u>			<u>19</u>	<u>24</u>
P 9 _____							
P10 _____							
P11 _____							
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

Commerical Oil Co.
Zurieker #1

TKT-7090
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	1403	PSI
(B) First Initial Flow Pressure	14	PSI
(C) First Final Flow Pressure	10	PSI
(D) Initial Closed-in Pressure	25	PSI
(E) Second Initial Flow Pressure	12	PSI
(F) Second Final Flow Pressure	12	PSI
(G) Final Closed-in Pressure	24	PSI
(H) Final Hydrostatic Mud	1386	PSI

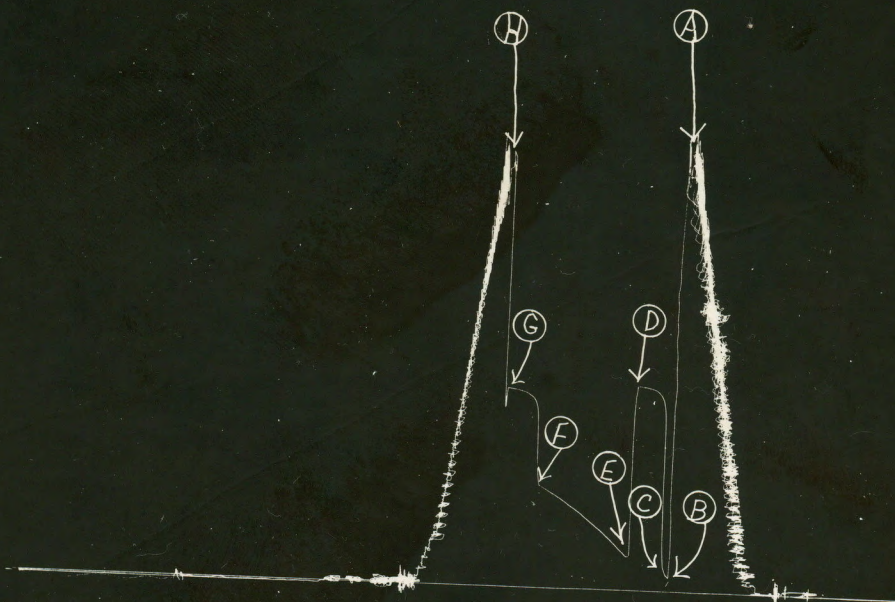


Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Commercial Oil Company Lease & Well No. Zurieker # 1
Elevation Not Available Formation Mississippi Effective Pay --- Ft. Ticket No. 7091
Date 8-16-67 Sec. 4 Twp. 26 Range 3e County Butler State Kansas
Test Approved by W. P. Simmons Western Representative Norman Allen
Formation Test No. 2 O.K. ☐ Misrun ☐ Interval Tested From 2777' to 2785' Total Depth 2785'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Packer Depth 2772 Ft. Size 6 3/4 Packer Depth 2777 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 O.D. Tool Jt. Size 4 1/2 F.H. Anchor Length 8 Ft. Size 5 1/2 O.D.
RECORDERS Depth 2779 Ft. Clock No. 6861 Depth 2782 Ft. Clock No. 6899
Top Make Kuster Cap. 3150 No. 1560 ~~Inside~~ Outside Bottom Make Kuster Cap. 3200 No. 1561 ~~Inside~~ Outside
Below Straddle: Depth ☐ Clock No. ☐ ~~Inside~~ Outside Depth ☐ Ft. Clock No. ☐ ~~Inside~~ Outside
Top Make ☐ Cap. ☐ No. ☐ ~~Inside~~ Outside Bottom Make ☐ Cap. ☐ No. ☐ ~~Inside~~ Outside
Time Set Packer 11:13 P. M
Tool Open I.F.P. From 11:15 P M. to 11:20 PM Hr. 5 Min. From (B) 36 P.S.I. To (C) 78 P.S.I.
Tool Closed I.C.I.P. From 11:20 M. to 11:40 PM Hr. 20 Min. (D) 696 P.S.I.
Tool Open F.F.P. From 11:40P M. to 12:40 A M. 1 Hr. -- Min. From (E) 106 P.S.I. To (F) 345 P.S.I.
Tool Closed F.C.I.P. From 12:40 M. to 1:00 A M. Hr. 20 Min. (G) 679 P.S.I.
Initial Hydrostatic Pressure (A) 1446 P.S.I. Final Hydrostatic Pressure (H) 1430 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION ☐ M. ☐ M. ☐ M.
BLOW Fair diminishing slightly at end of test Bottom Choke Size 3/4 In.
Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 660 feet salt water
Reversed Out ☐ Yes ☒ No Mud Type Gel. Viscosity 37 Weight 10. Water Loss --- cc. Maximum Temp. 104 °F
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make ☐ Ser. No. ☐
Type Circ. Sub. pin Did Tool Plug? no Where? ☐ Did Packer Hold? yes
Length Drill Pipe 2577 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe ☐ ft. I.D. Weight Pipe ☐ in. Length Drill Collars 180 ft.
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 28 ft.
Remarks

Commerical Oil Co.
Zurieker #1

TKT-7091
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	1446	PSI
(B) First Initial Flow Pressure	36	PSI
(C) First Final Flow Pressure	78	PSI
(D) Initial Closed-in Pressure	696	PSI
(E) Second Initial Flow Pressure	106	PSI
(F) Second Final Flow Pressure	345	PSI
(G) Final Closed-in Pressure	679	PSI
(H) Final Hydrostatic Mud	1430	PSI