



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Meltzer Oil Co. Lease & Well No. Petersilie #7-A
Elevation 2285 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 21504
Date 4-25-76 Sec. 14 Twp. 20S Range 24W County Ness State Kansas
Test Approved by L.O. Chubb Western Representative Lester Spies

Formation Test No. 1 O.K. Misrun Interval Tested From 4368' to 4381' Total Depth 4381'
Size Main Hole 77/8 Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth 4368 Ft. Size 63/4 Bottom Packer Depth - Ft. Size -
Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 13 Ft. Size 5 1/2 OD Perf Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 4373 Ft. Clock No. 6806 Depth 4376 Ft. Clock No. 6774
Top Make Kuster Cap. 4150 No. 969 Inside Outside Bottom Make Kuster Cap. 4150 No. 2605 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside

Time Set Packer 6:36 M
Tool Open I.F.P. From 6:40 M. to 7:00 M. - Hr. 20 Min. From (B) 31 P.S.I. To (C) 19 P.S.I.
Tool Closed I.C.I.P. From 7:00 M. to 7:15 M. - Hr. 15 Min (D) 29 P.S.I.
Tool Open F.F.P. From 7:15 M. to 7:30 M. - Hr. 15 Min. From (E) 28 P.S.I. To (F) 15 P.S.I.
Tool Closed F.C.I.P. From 7:30 M. to 7:45 M. - Hr. 15 Min. (G) 35 P.S.I.
Initial Hydrostatic Pressure (A) 2259 P.S.I. Final Hydrostatic Pressure (H) 2250 P.S.I. Maximum Temp. 120

INFORMATION

BLOW Very weak blow throughout test.

Did Well Flow - Yes No Recovery Total Ft. 6' drilling mud.

Reversed Out - Yes No Mud Type starch Viscosity 45 Weight 9.2 Water Loss 12.5 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer no Did Packers Hold? yes Did Tool Plug? no Where? -

DRILLING CONTRACTOR Slawson Drlg. Co. Length Drill Pipe? 4031 Ft. I.D. Drill Pipe 2.86 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 317 Ft. I.D. Weight Pipe 2.25 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 33 Ft.

Remarks: Flushed tool 5 minutes into second opening.

WESTERN TESTING CO., INC.
Pressure Data

Date 4-25-76

Test Ticket No. 21504

Recorder No. 969 Capacity 4150 Location 4373 Ft.

Clock No. 6806 Elevation 2285 Kelly Bushing Well Temperature 120 °F

| Point | Pressure | | Open Tool | Time Given | Time Computed |
|---------------------------------|-------------|--------|----------------------------|-----------------|-----------------|
| | | P.S.I. | | | |
| A. Initial Hydrostatic Mud | <u>2259</u> | P.S.I. | Open Tool | <u>6:36</u> M | |
| B. First Initial Flow Pressure | <u>31</u> | P.S.I. | First Flow Pressure | <u>20</u> Mins. | <u>20</u> Mins. |
| C. First Final Flow Pressure | <u>19</u> | P.S.I. | Initial Closed-in Pressure | <u>15</u> Mins. | <u>12</u> Mins. |
| D. Initial Closed-in Pressure | <u>29</u> | P.S.I. | Second Flow Pressure | <u>15</u> Mins. | <u>15</u> Mins. |
| E. Second Initial Flow Pressure | <u>28</u> | P.S.I. | Final Closed-in Pressure | <u>15</u> Mins. | <u>18</u> Mins. |
| F. Second Final Flow Pressure | <u>15</u> | P.S.I. | | | |
| G. Final Closed-in Pressure | <u>35</u> | P.S.I. | | | |
| H. Final Hydrostatic Mud | <u>2250</u> | P.S.I. | | | |

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 4 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 3 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 6 Inc.
of 3 mins. and a
final inc. of 0 Min.

| Point Mins. | First Flow Pressure | | Initial Shut-In | | Second Flow Pressure | | Final Shut-In | |
|-------------|---------------------|-----------|-----------------|-----------|----------------------|-----------|---------------|-----------|
| | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | <u>0</u> | <u>31</u> | <u>0</u> | <u>19</u> | <u>0</u> | <u>28</u> | <u>0</u> | <u>15</u> |
| P 2 | <u>5</u> | <u>20</u> | <u>3</u> | <u>19</u> | <u>5</u> | <u>18</u> | <u>3</u> | <u>15</u> |
| P 3 | <u>10</u> | <u>20</u> | <u>6</u> | <u>20</u> | <u>10</u> | <u>18</u> | <u>6</u> | <u>16</u> |
| P 4 | <u>15</u> | <u>19</u> | <u>9</u> | <u>24</u> | <u>15</u> | <u>15</u> | <u>9</u> | <u>17</u> |
| P 5 | <u>20</u> | <u>19</u> | <u>12</u> | <u>29</u> | | | <u>12</u> | <u>21</u> |
| P 6 | | | | | | | <u>15</u> | <u>29</u> |
| P 7 | | | | | | | <u>18</u> | <u>35</u> |
| P 8 | | | | | | | | |
| P 9 | | | | | | | | |
| P10 | | | | | | | | |
| P11 | | | | | | | | |
| P12 | | | | | | | | |
| P13 | | | | | | | | |
| P14 | | | | | | | | |
| P15 | | | | | | | | |
| P16 | | | | | | | | |
| P17 | | | | | | | | |
| P18 | | | | | | | | |
| P19 | | | | | | | | |
| P20 | | | | | | | | |

flushed tool

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