

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

<p>COMPANY: Range Oil Co., Inc. LEASE: Jacobson #2 FIELD: Panther Ranch SW LOCATION: 2357' NW 1/4 + 2191' SW 1/4 SEC: 31 T19S R09E S4E COUNTY: Chase STATE: KS CONTRACTOR: C & S Drilling Co., Ripon SPUD: 8-17-15 COMP: 8-22-15 R/D: 2326' LTD: 2322' MUD UP: 1500' TYPE MUD: Chem</p>	<p>ELEVATIONS KB: 1418' DE: 1412' Measurements: Air All From: K/S OASING: 880' @ 210' PRODUCTION: 2252' ELECTRICAL SURVEYS: D/I ends; meters</p>
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SAMPLES SAVED FROM: 1500' TO R/TD
 DRILLING TIME KEPT FROM: 1500' TO R/TD
 SAMPLES EXAMINED FROM: 1500' TO R/TD
 GEOLOGICAL SUPERVISION FROM: 1600' TO R/TD
 GEOLOGIST ON WELL: Ken Wallace
 FORMATION TOPS: LOG SAMPLES

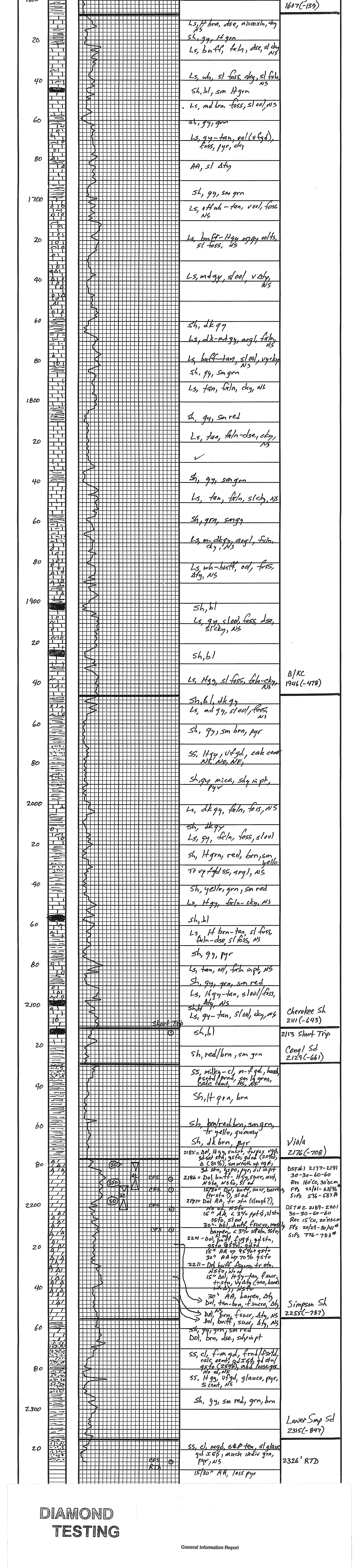
REMARKS: Production set to further evaluate Viola.
 Ken Wallace

8-15-15 MEAT
 8-16-15 10 AM Start drilling
 8-18-15 7:50 AM Delg @ 1180'; 7/8" @ 211' 1934'
 8-19-15 8 AM Delg @ 1898'; RT @ 1585'; 7/8" @ 1523'
 8-20-15 8 AM PTD 2191'; Running DST #1
 8-21-15 2 AM RTD 2326'; Stop to log; Run DST #2
 8-22-15 2 AM RTD 2322'; Run 2 logs; set 572' casing @ 2325'; PD @ 6:25 pm

LEGEND

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SCALE " = 100'



DIAMOND TESTING

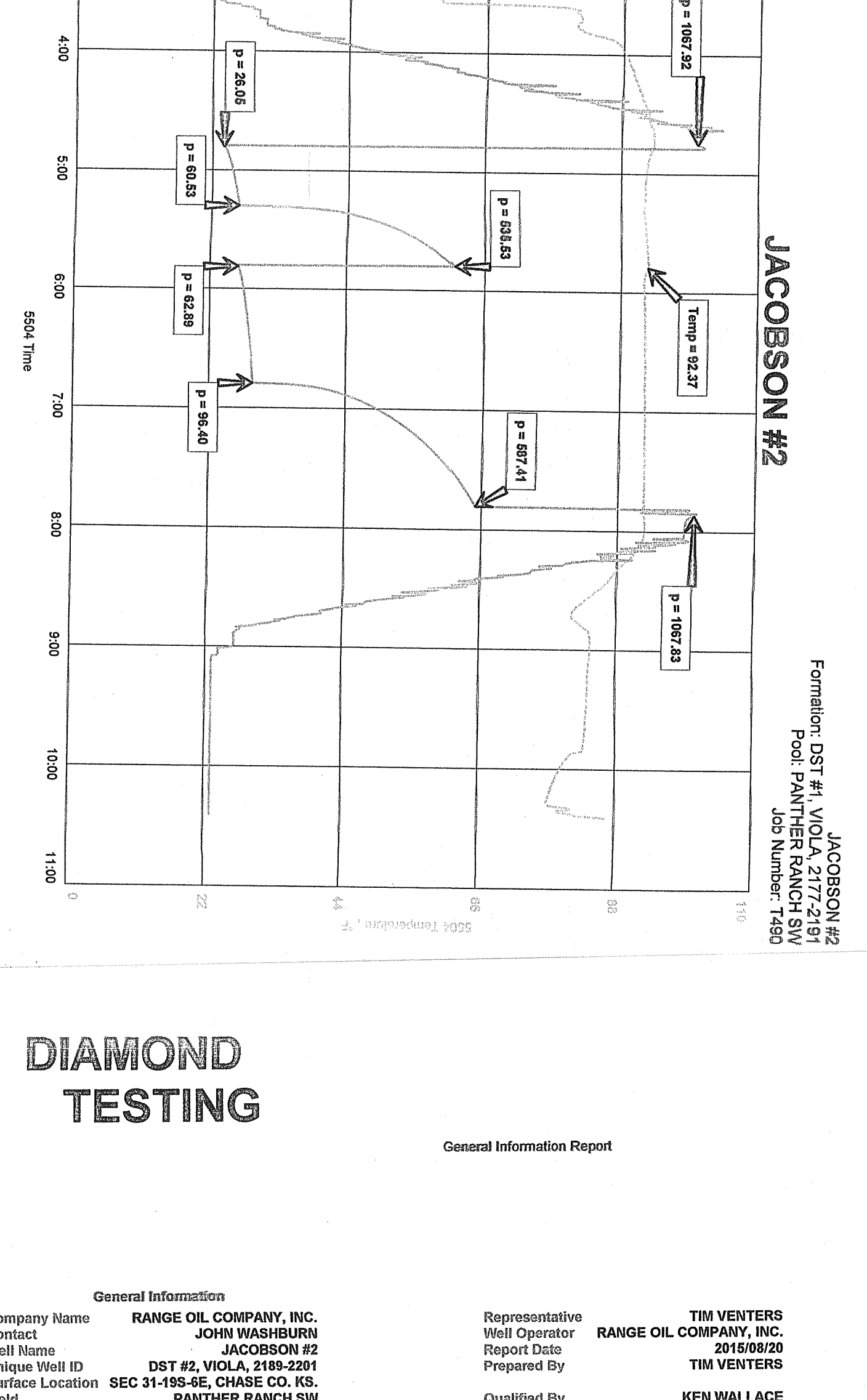
General Information Report

<p>General Information</p> <p>Company Name: RANGE OIL COMPANY, INC. Contact: JOHN WASHBURN Well Name: JACOBSON #2 Unique Well ID: DST #1, VIOLA, 2177-2191 Surface Location: SEC 31-19S-04E, CHASE CO. KS. Field: PANTHER RANCH SW Well Type: Vertical Test Type: CONVENTIONAL Formation: DST #1, VIOLA, 2177-2191 Well Fluid Type: 01 OIL</p> <p>Start Test Date: 2015/08/20 Final Test Date: 2015/08/20</p>	<p>Representative: TIM VENTERS Well Operator: RANGE OIL COMPANY, INC. Report Date: 2015/08/20 Prepared By: TIM VENTERS Qualified By: KEN WALLACE</p> <p>Start Test Time: 02:38:00 Final Test Time: 10:25:00</p>
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Test Recovery:

RECOVERED: 160' CLEAN OIL, 100% OIL, GRAVITY: 28
 30' OCM, 32% OIL, 68% MUD
 180' TOTAL FLUID

TOOL SAMPLE: 35% OIL, 64% MUD



DIAMOND TESTING

General Information Report

<p>General Information</p> <p>Company Name: RANGE OIL COMPANY, INC. Contact: JOHN WASHBURN Well Name: JACOBSON #2 Unique Well ID: DST #2, VIOLA, 2188-2201 Surface Location: SEC 31-19S-04E, CHASE CO. KS. Field: PANTHER RANCH SW Well Type: Vertical Test Type: CONVENTIONAL Formation: DST #2, VIOLA, 2188-2201 Well Fluid Type: 01 OIL</p> <p>Start Test Date: 2015/08/20 Final Test Date: 2015/08/20</p>	<p>Representative: TIM VENTERS Well Operator: RANGE OIL COMPANY, INC. Report Date: 2015/08/20 Prepared By: TIM VENTERS Qualified By: KEN WALLACE</p> <p>Start Test Time: 15:21:00 Final Test Time: 22:11:00</p>
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Test Recovery:

RECOVERED: 15' CLEAN OIL, 100% OIL, GRAVITY: 28
 30' HMCO, 65% OIL, 45% MUD
 35' TOTAL FLUID

TOOL SAMPLE: 11% OIL, 89% MUD

