DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313

DRILL-STEM TEST TICKET

FILE: Hinemon Layne West 1 Dst 1

TIME ON: 11:48
TIME OFF: 18:48

Company: Raymond Oil Company Inc — Lease & Well No.: Hinemone Layne West 1
Contractor: L.D Drilling Inc — Charge to: Raymond Oil Company Inc
Elevation: 2717 KB — Formation: L/KC — Effective Pay: ____ Ft. — Ticket No.: RR197
Date: Sep-25-2015 — Sec.: 9 — Twp.: 19 S — Range: 27 W — County: Lane — State: KANSAS
Test Approved By: Kim Shoemaker — Diamond Representative: RICKY RAY

Formation Test No.: 1 — Interval Tested from: 4282 ft. to: 4310 ft. — Total Depth: 4310 ft.
Packer Depth: 4277 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Packer Depth: 4282 ft. — Size: 6 3/4 in. — Packer depth: ____ ft. — Size: 6 3/4 in.
Depth of Selective Zone Set: ____

Top Recorder Depth (Inside): 4270 ft. — Recorder Number: 0062 — Cap.: 5000 P.S.I.
Bottom Recorder Depth (Outside): 4286 ft. — Recorder Number: 5954 — Cap.: 6000 P.S.I.
Below Straddle Recorder Depth: ____ ft. — Recorder Number: ____ — Cap.: ____ P.S.I.

Mud Type: Chem — Viscosity: 52 — Drill Collar Length: -- ft. — I.D.: 2 1/4 in.
Weight: 9.2 — Water Loss: 8.8 cc. — Weight Pipe Length: - ft. — I.D.: 2 7/8 in
Chlorides: 3500 P.P.M. — Drill Pipe Length: 4250 ft. — I.D.: 3 1/2 in
Jars: Make: STERLING — Serial Number: 12 — Test Tool Length: 32 ft. — Tool Size: 3 1/2-IF in
Did Well Flow?: NA — Reversed Out: NA — Anchor Length: 28P ft. — Size: 4 1/2-FH in
Main Hole Size: 7 7/8 — Tool Joint Size: 4 1/2 (XH) in. — Surface Choke Size: 1 in. — Bottom Choke Size: 5/8 in

Blow: 1st Open: 1/4" Blow (BOB in 22 1/2 mins secs) NOBB
2nd Open: 1/4" Blow (Built to 11 1/2 inches in 45 mins) NOBB

Recovered: 52 ft. of GIP
Recovered: 5 ft. of O 100% O 37 Gravity @ 60 Deg
Recovered: 124 ft. of SLO w/ HWM 2% O 43% W 55% M
Recovered: 124 ft. of SLOMW 1% O 84% W 15% M
Recovered: 253 ft. of Total Fluid PH: 7
Recovered: ____ ft. of ____ Chlorides: 50,000 PPM
Remarks: Tool Sample: 4% O 91% W 5% M RW: .14@ 80 Deg

Price Job	
Other Charges	
Insurance	
Total	

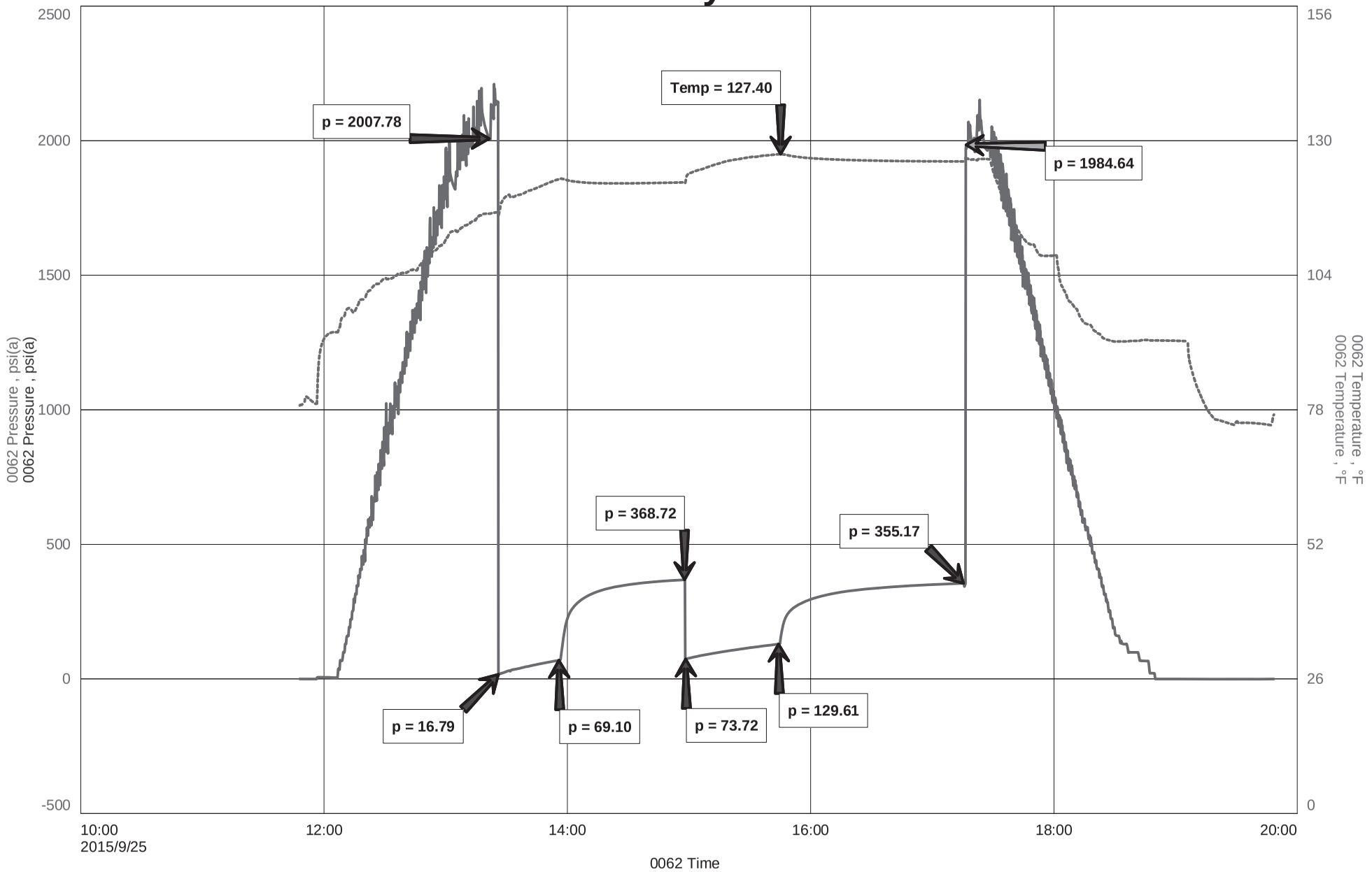
Time Set Packer(s): 1:25 PM A.M. P.M. — Time Started Off Bottom: 5:10 PM A.M. P.M. — Maximum Temperature: 127

Initial Hydrostatic Pressure ..... (A) 2008 P.S.I.
Initial Flow Period ..... Minutes 30 (B) 17 P.S.I. to (C) 69 P.S.I.
Initial Closed In Period ..... Minutes 45 (D) 369 P.S.I.
Final Flow Period ..... Minutes 60 (E) 74 P.S.I. to (F) 130 P.S.I.
Final Closed In Period ..... Minutes 90 (G) 355 P.S.I.
Final Hydrostatic Pressure ..... (H) 1985 P.S.I.

Raymond Oil Company Inc
Dst 1 L/KC (4282-4310)
Start Test Date: 2015/09/25
Final Test Date: 2015/09/25

Hinemon Layne Unit 1
Formation: Dst 1 L/KC (4282-4310)
Pool: Pool Ext
Job Number: RR197

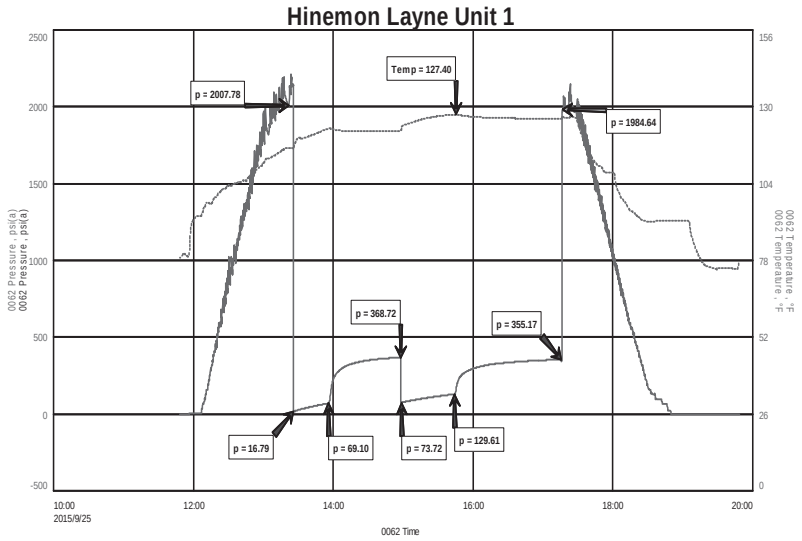
Hinemon Layne Unit 1



Diamond Testing LLC
P.O. Box 157
HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

Wellsite Report



General Information

Company Name	**Raymond Oil Company Inc**
Contact	**Clarke T Sandberg**
Well Operator	**Raymond Oil Company Inc**
Well Name	**Hinemon Layne Unit 1**
Surface Location	**Sec: 9-19s-27w (Lane County)**
Field	**Alamonta South**
Well Type	**Vertical**
Pool	**Pool Ext**
Test Purpose (AEUB)	**Initial Test**
Qualified By	**Kim Shoemaker**
Gauge Name	**0062**

Test Information

Job Number	**RR197**
Test Type	**Drill Stem Test**
Well Fluid Type	**01 Oil**
Formation	**Dst 1 L/KC (4282-4310)**
Start Test Date	**2015/09/25 YYYY/MM/DD**
Start Test Time	**11:48:00 HH:mm:ss**
Final Test Date	**2015/09/25 YYYY/MM/DD**
Final Test Time	**18:48:00 HH:mm:ss**

Test Results

Recovery:

52'	**GIP**				
5'	**O**	**100% O**		**37 Gravity @ 60 Deg**	
124'	**SLO w/ HWM**	**2% O**	**43% W**	**55% M**	
124'	**SLOMW**	**1% O**	**84% W**	**15% M**	
253'	**Total Fluid**				

Tool Sample: **4% O** **91% W** **5% M**

PH: 7
Chlorides: 50,000 PPM
RW: .14@ 80 Deg