



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: sager1-6dst1

TIME ON: 5-17 22:39
TIME OFF: 5-18 06:37

Company Quail Oil & Gas Lease & Well No. Sager #1-6
Contractor C & G Rig #1 Charge to Quail Oil & Gas
Elevation 1469 KB Formation Miss Chert Effective Pay _____ Ft. Ticket No. S0452
Date 5-18-14 Sec. 6 Twp. 17 S Range 6E W County Morris State KANSAS
Test Approved By Roger Martin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 2121 ft. to 2190 ft. Total Depth 2190 ft.

Packer Depth 2116 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Packer Depth 2121 ft. Size 6 3/4 in. Packer depth -- ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2102 ft. Recorder Number 5515 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 2155 ft. Recorder Number 5586 Cap. 5,000 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chem Viscosity 51 Drill Collar Length 178 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 12 cc. Weight Pipe Length -- ft. I.D. 2 7/8 in

Chlorides 1,300 P.P.M. Drill Pipe Length 1910 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number 4 Test Tool Length 33 ft. Tool Size 3 1/2-IF in

Did Well Flow? NA Reversed Out NO Anchor Length 69 (38A) ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 4" in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: 1/2" Blow- Built to 11" in 30 min **NOBB**

2nd Open: 1" Blow- Built to BB in 41 min **NOBB**

Recovered 60 ft. of OSM 1% O 99% M

Recovered 90 ft. of OSM 2% O 98% M

Recovered 150 ft. of TOTAL FLUID

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 1% O 99% M

Time Set Packer(s) 5-18 12:36 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 5-18 4:21 AM ^{A.M.}/_{P.M.} Maximum Temperature 87

Initial Hydrostatic Pressure..... (A) 1035 P.S.I.

Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 44 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 469 P.S.I.

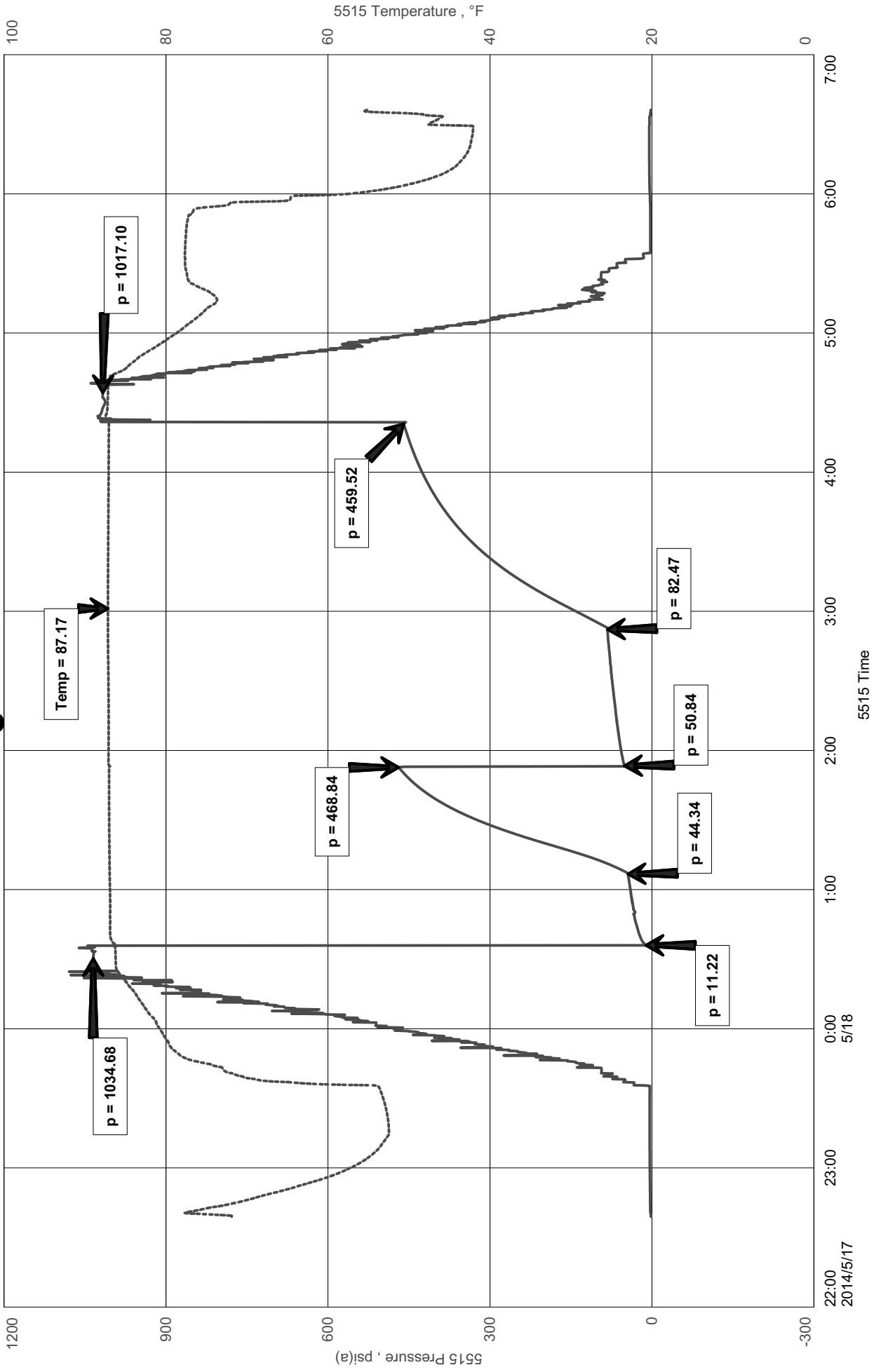
Final Flow Period..... Minutes 60 (E) 51 P.S.I. to (F) 82 P.S.I.

Final Closed In Period..... Minutes 90 (G) 460 P.S.I.

Final Hydrostatic Pressure..... (H) 1017 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Sager #1-6



Diamond Testing

General information Report

General Information

Company Name Quail Oil & Gas

Contact	Wray Valentine	Job Number	S0452
Well Name	Sager #1-6	Representative	Jacob McCallie
Unique Well ID	DST #1 Miss Chert 2121-2190'	Well Operator	Quail Oil & Gas
Surface Location	SEC 6-17S-6E Morris County	Report Date	2014/05/18
Well License Number		Prepared By	Jacob McCallie
Field	Unknown		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Miss Chert 2121-2190'		
Well Fluid Type	01 Oil	Start Test Time	22:39:00
		Final Test Time	06:37:00
Start Test Date	2014/05/17		
Final Test Date	2014/05/18		
Gauge Name	5515		
Gauge Serial Number			

Test Results

RECOVERED:

60'	OSM	1% O 99% M
90'	OSM	2% O 98% M
150'	TOTAL FLUID	

TOOL SAMPLE:

1% O 99% M