

DIAMOND TESTING

General Information Report

General Information

Company Name MID-CONTINENT ENERGY OPERATING CO.
Contact GRANT CANADAY
Well Name KALBACH UNIT #1-30
Unique Well ID DST #2, MARMATON, 4460-4525
Surface Location SEC 30-16S-36W, WICHITA CO. KS.
Field WILDCAT
Well Type Vertical
Test Type CONVENTIONAL
Formation DST #2, MARMATON, 4460-4525
Well Fluid Type 01 Oil

Representative TIM VENTERS
Well Operator MID CONTINENT ENERGY OPER. CO.
Report Date 2013/09/05
Prepared By TIM VENTERS
Qualified By TOM PRONALD

Start Test Date 2013/09/05
Final Test Date 2013/09/05

Start Test Time 10:45:00
Final Test Time 18:25:00

Test Recovery:

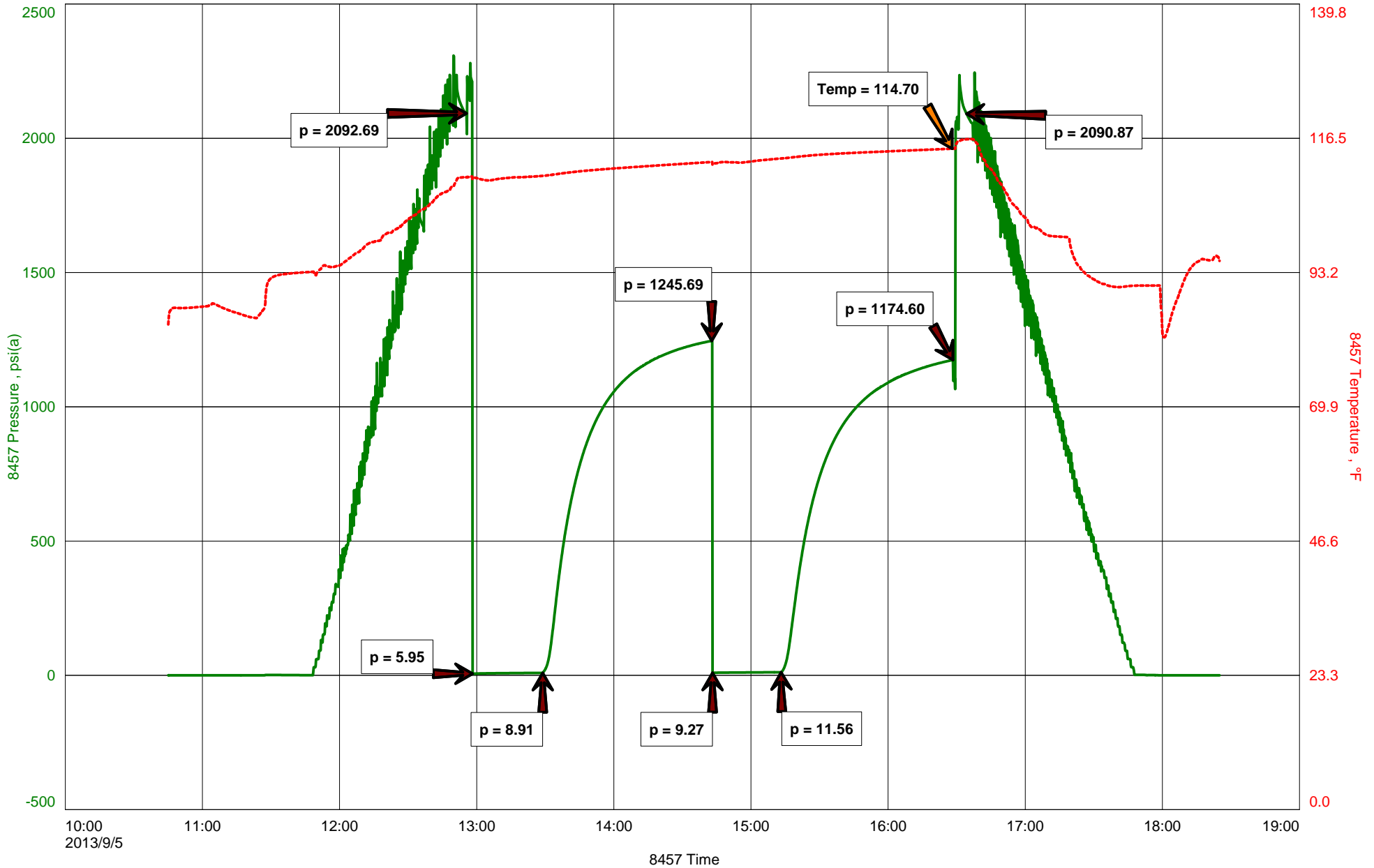
RECOVERED: 10' MUD

TOOL SAMPLE: TRACE OIL, 100% MUD

MID-CONTINENT ENERGY OPERATING CO.
DST #2, MARMATON, 4460-4525
Start Test Date: 2013/09/05
Final Test Date: 2013/09/05

KALBACH UNIT #1-30
Formation: DST #2, MARMATON, 4460-4525
Pool: WILDCAT
Job Number: T253

KALBACH UNIT #1-30





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

TIME ON: 10:45
 TIME OFF: 18:25

DRILL-STEM TEST TICKET
 FILE: KALBACHUNIT1-30DST2

Company MID-CONTINENT ENERGY OPERATING CO. Lease & Well No. KALBACH UNIT #1-30
 Contractor VAL ENERGY, INC. RIG #7 Charge to MID-CONTINENT ENERGY OPERATING CO.
 Elevation 3324 KB Formation MARMATON Effective Pay _____ Ft. Ticket No. T253
 Date 9-5-13 Sec. 30 Twp. 16 S Range 36 W County WICHITA State KANSAS
 Test Approved By TOM PRONOLD Diamond Representative TIMOTHY T. VENTERS

Formation Test No. 2 Interval Tested from 4460 ft. to 4525 ft. Total Depth 4525 ft.
 Packer Depth 4455 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4460 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4441 ft. Recorder Number 8457 Cap. 10,000 P.S.I.
 Bottom Recorder Depth (Outside) 4522 ft. Recorder Number 11030 Cap. 5,025 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.2 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,200 P.P.M. Drill Pipe Length 4427 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? NO Reversed Out NO Anchor Length 33 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. ^{32' DP IN ANCHOR} Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW THROUGHOUT PERIOD. (NO BB)
 2nd Open: NO BLOW THROUGHOUT PERIOD. (NO BB)

Recovered <u>10</u> ft. of <u>MUD</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: <u>TRACE OIL, 100% MUD</u>	Total

Time Set Packer(s) 12:57 PM ^{A.M.}/_{P.M.} Time Started Off Bottom 4:27 PM ^{A.M.}/_{P.M.} Maximum Temperature 115 deg.
 Initial Hydrostatic Pressure..... (A) 2093 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 6 P.S.I. to (C) 9 P.S.I.
 Initial Closed In Period..... Minutes 75 (D) 1246 P.S.I.
 Final Flow Period..... Minutes 30 (E) 9 P.S.I. to (F) 12 P.S.I.
 Final Closed In Period..... Minutes 75 (G) 1175 P.S.I.
 Final Hydrostatic Pressure..... (H) 2091 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.