

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	EMPIRE ENERGY E&P, LLC	Job Number	M553
Well Name	RUDZIK B #11-1	Representative	MIKE COCHRAN
Unique Well ID	DST#6 4349-4377 JOHNSON STRADDLE	Well Operator	EMPIRE ENERGY E&P, LLC
Surface Location	SEC.11-14S-30W GOVE CO.KS.	Report Date	2013/09/25
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KENT MATSON
		Test Unit	NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#6 4349-4377 JOHNSON STRADDLE		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2013/09/24	Start Test Time	19:40:00
Final Test Date	2013/09/25	Final Test Time	04:15:00
		Well Fluid Type	01 Oil
Gauge Name	0063		
Gauge Serial Number			

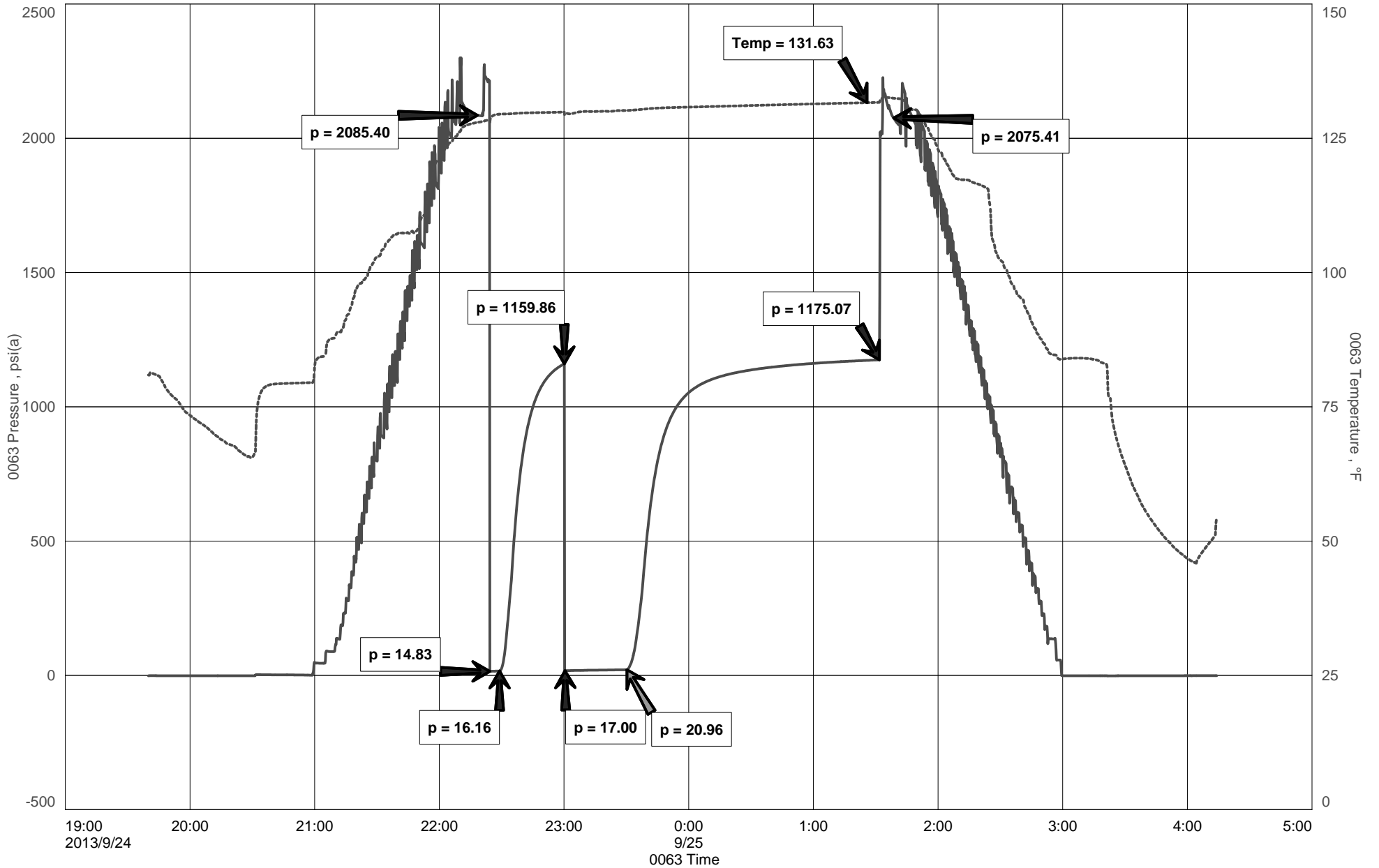
Test Results

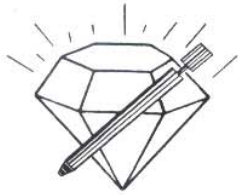
Remarks **RECOVERED:**
~15' GDM 100% MUD W/ SOME GASSY BUBBLES
~15' TOTAL FLUID

BELOW STRADDLE PSI: 1307

TOOL SAMPLE: 100% MUD W/ A VERY THIN SCUM OF OIL, SLIGHT ODOR

RUDZIK B #11-1





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RDZKB1-11DST6

TIME ON: 1940 (9/24)
TIME OFF: 0415 (9/25)

Company EMPIRE ENERGY E&P, LLC Lease & Well No. RUDZIK B #11-1
Contractor DUKE RIG 10 Charge to EMPIRE ENERGY E&P, LLC
Elevation 2669 KB Formation JOHNSON Effective Pay 28 Ft. Ticket No. M553
Date 9/24/2013 Sec. 11 Twp. 14 S Range 30 W County GOVE State KANSAS
Test Approved By KENT MATSON Diamond Representative MIKE COCHRAN

Formation Test No. 6 Interval Tested from 4349 ft. to 4377 ft. Total Depth 4540 RTD ft.
Packer Depth 4344 ft. Size 6 3/4 in. Packer depth 4377 ft. Size 6 3/4 in.
Packer Depth 4349 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set 4377

Top Recorder Depth (Inside) 4331 ft. Recorder Number 0063 Cap. 6,000 P.S.I.
Bottom Recorder Depth (Outside) 4371 ft. Recorder Number 6884 Cap. 6,275 P.S.I.
Below Straddle Recorder Depth 4347 ft. Recorder Number E1150 Cap. 6,125 P.S.I.

Mud Type CHEM Viscosity 70 Drill Collar Length 178 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 4302 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 28 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: GSB, INCREASED. TO 3/4" (NO BB)
2nd Open: WSB, INC.. TO 1/4" DEAD @ 8 MIN (NO BB)

Recovered ~15 ft. of GDM 100% MUD W/ SOME GASSY BUBBLES
Recovered ~15 ft. of TOTAL FLUID
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks: BELOW STRADDLE PSI: 1307
TOOL SAMPLE: 100% MUD W/ A VERY THIN SCUM OF OIL, SLIGHT ODOR

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 10:25 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 1:30 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 132
Initial Hydrostatic Pressure..... (A) 2085 P.S.I.
Initial Flow Period..... Minutes 5 (B) 15 P.S.I. to (C) 16 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 1160 P.S.I.
Final Flow Period..... Minutes 30 (E) 17 P.S.I. to (F) 21 P.S.I.
Final Closed In Period..... Minutes 120 (G) 1175 P.S.I.
Final Hydrostatic Pressure..... (H) 2075 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.

RUDZIK B #11-1

