



Diamond Testing General Report

**JAKE
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General Information

Company Name Grand Mesa Operating Company
Well Operator Grand Mesa Operating Company
Contact Steve Stribling
Site Contact Bob Schreiber
Field Wildcat
Well Type Vertical
Prepared By Jake Fahrenbruch

Well Name Doornbos #2-15
Unique Well ID DST #1 Pleasanton 4334'-4355'
Surface Location Sec 15-16s-33w-Scott Co.-KS
Test Unit #5
Pool NA
Job Number F217
Qualified By Bob Schreiber

Test Information

Test Type Bottom-Hole w/J&J&shale packer
Formation Pleasanton 4334'-4355'
Start Test Date 2013/12/15
Final Test Date 2013/12/16

Test Purpose Initial Test
Gauge Name Inside 0062
Start Test Time 22:50:00
Final Test Time 05:13:00

Test Results

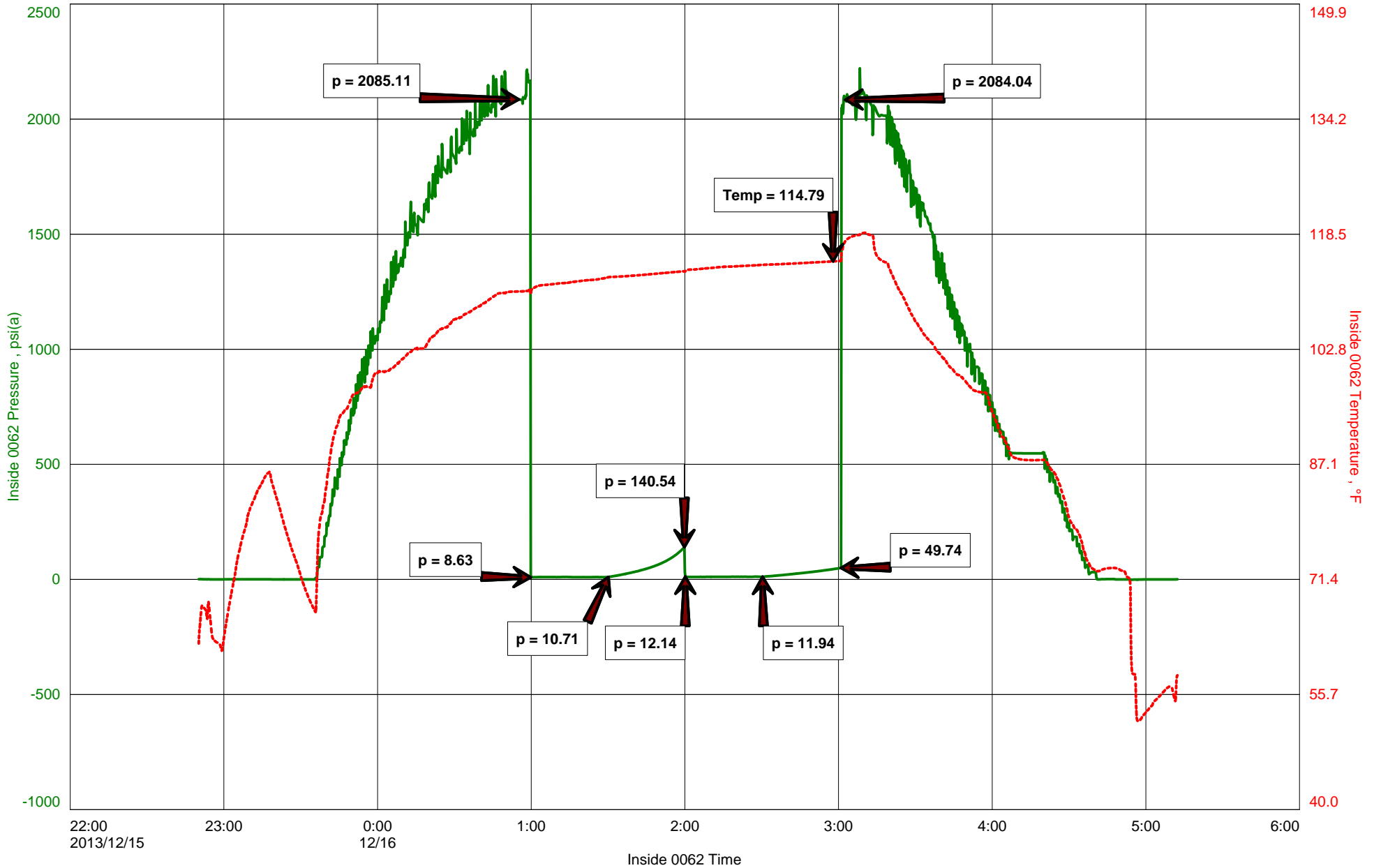
30 minute initial flow period: Weak blow, increased to .5" in bucket.
30 minute initial shut-in period: No blow-back.
30 minute final flow period: Weak surface blow.
30 minute final shut-in period: No blow-back.

Recovered: 10' SOCM 5% oil, 95% mud
----- Bottom-Hole Temp: 115 Deg F

Pressures:
IHP: 2085
IFP: 9-11
ISIP: 141
FFP: 12-12
FSIP: 50
FHP: 2084

Thanks

Doornbos #2-15





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: DOORNBOS2DST1

TIME ON: 10:50 PM 12-15
TIME OFF: 5:13 AM 12-16

Company Grand Mesa Operating Company Lease & Well No. Doornbos #2-15
Contractor Duke Drilling Rig # Charge to Grand Mesa Operating Company
Elevation 3038' KB Formation Pleasanton Effective Pay Ft. Ticket No. F217
Date 16 Dec 2013 Sec. 15 Twp. 16 S Range 33 W County Scott State KANSAS
Test Approved By Bob Schreiber Diamond Representative Jake Fahrenbruch

Formation Test No. ONE Interval Tested from 4334 ft. to 4355 ft. Total Depth 4355 ft.
Packer Depth 4329 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Packer Depth Shale 4334 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Depth of Selective Zone Set

Top Recorder Depth (Inside) 4311 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4335 ft. Recorder Number 5951 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type Chemical Viscosity 57 Drill Collar Length ft. I.D. 2 1/4 in.
Weight 8.9 Water Loss 7.2 cc. Weight Pipe Length ft. I.D. 2 7/8 in.
Chlorides 3700 P.P.M. Drill Pipe Length 4300 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number #5 (J&J&SP) Test Tool Length 34 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 21 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: Weak blow, increased to .5" in bucket. No blow-back.

2nd Open: Weak surface blow. No blow-back.

Recovered <u>10</u> ft. of <u>SOCM</u>	<u>5% oil, 95% mud</u>
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	
Recovered <u> </u> ft. of <u> </u>	Price Job
Recovered <u> </u> ft. of <u> </u>	Other Charges
Remarks: <u> </u>	Insurance
	Total

Time Set Packer(s) 1:00 AM A.M. Time Started Off Bottom 3:00 AM P.M. Maximum Temperature 115 Deg F

Initial Hydrostatic Pressure..... (A) 2085 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 11 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 141 P.S.I.
Final Flow Period..... Minutes 30 (E) 12 P.S.I. to (F) 12 P.S.I.
Final Closed In Period..... Minutes 30 (G) 50 P.S.I.
Final Hydrostatic Pressure..... (H) 2084 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.