

DIAMOND TESTING KCC

P.O. Box 157

OCT 14 2010

Page 1 of 2 Pages

HOISINGTON, KANSAS 67514

(620) 653-7550 • (800) 542-7313
STC 30046.D766

CONFIDENTIAL

Company Mid-Continent Energy Operating Co. Lease & Well No. Bahm No. 1
 Elevation 2708 KB Formation Lansing/Kansas City 180' Zone Effective Pay -- Ft. Ticket No. J2559
 Date 6-22-10 Sec. 21 Twp. 19S Range 27W County Lane State Kansas
 Test Approved By Larry Nicholson Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 4,231 ft. to 4,256 ft. Total Depth 4,256 ft.
 Packer Depth 4,226 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,231 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,234 ft. Recorder Number 30046 Cap. 6,000 psi
 Bottom Recorder Depth (Outside) 4,253 ft. Recorder Number 11017 Cap. 4,000 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor WW Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 52 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4,085 ft. I.D. 3 1/2 in.
 Chlorides 2,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 2 Anchor Length 25 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 3 mins. 5 in. blow back during shut-in.
 2nd Open: Strong blow. Off bottom of bucket in 5 mins. Blow back off bottom of bucket during shut-in.

Recovered 1,150 ft. of gas in pipe
 Recovered 350 ft. of clean gassy oil = 4.980500 bbls. (Grind out: 10%-gas; 90%-oil) Gravity: 37 @ 60°
 Recovered 180 ft. of very slightly water cut gassy muddy oil = 2.561400 bbls. (Grind out: 3%-water; 15%-gas; 20%-mud;
 Recovered 120 ft. of very slightly oil cut muddy water = .590400 bbls. (Grind out: 2%-oil; 25%-mud; 73%-water) 62%-oil)
 Recovered 650 ft. of TOTAL FLUID = 8.132300 bbls. Chlorides: 25,000 Ppm RW: .24 @ 85°

Remarks

Time Set Packer(s)	<u>12:15</u>	<u>AM.</u>	Time Started Off Bottom	<u>3:30</u>	<u>AM.</u>	Maximum Temperature	<u>129°</u>
Initial Hydrostatic Pressure		<u>P.M.</u>	(A)	<u>2066</u>	<u>P.S.I.</u>		
Initial Flow Period	Minutes		(B)	<u>15</u>	<u>56</u>	P.S.I. to (C)	<u>146</u> P.S.I.
Initial Closed In Period	Minutes		(D)	<u>60</u>	<u>968</u>	P.S.I.	
Final Flow Period	Minutes		(E)	<u>30</u>	<u>160</u>	P.S.I. to (F)	<u>235</u> P.S.I.
Final Closed In Period	Minutes		(G)	<u>90</u>	<u>946</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>2049</u>	<u>P.S.I.</u>		

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GENERAL INFORMATION

Client Information:

Company: MID CONTINENT
Contact: RICHARD SAENZ
Phone: Fax: e-mail:

Site Information:

Contact: LARRY NICHOLSON
Phone: Fax: e-mail:

Well Information:

Name: BAHM 1
Operator: MID CONTINENT
Location-Downhole:
Location-Surface: S21/19S/27W LANE CTY

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: LARRY NICHOLSON
Test Type: CONVENTIONAL Job Number: D766
Test Unit:
Start Date: 2010/06/22 Start Time: 10:40:00
End Date: 2010/06/22 End Time: 18:15:00
Report Date: 2010/06/22 Prepared By: JOHN RIEDL
Remarks: Qualified By: LARRY NICHOLSON

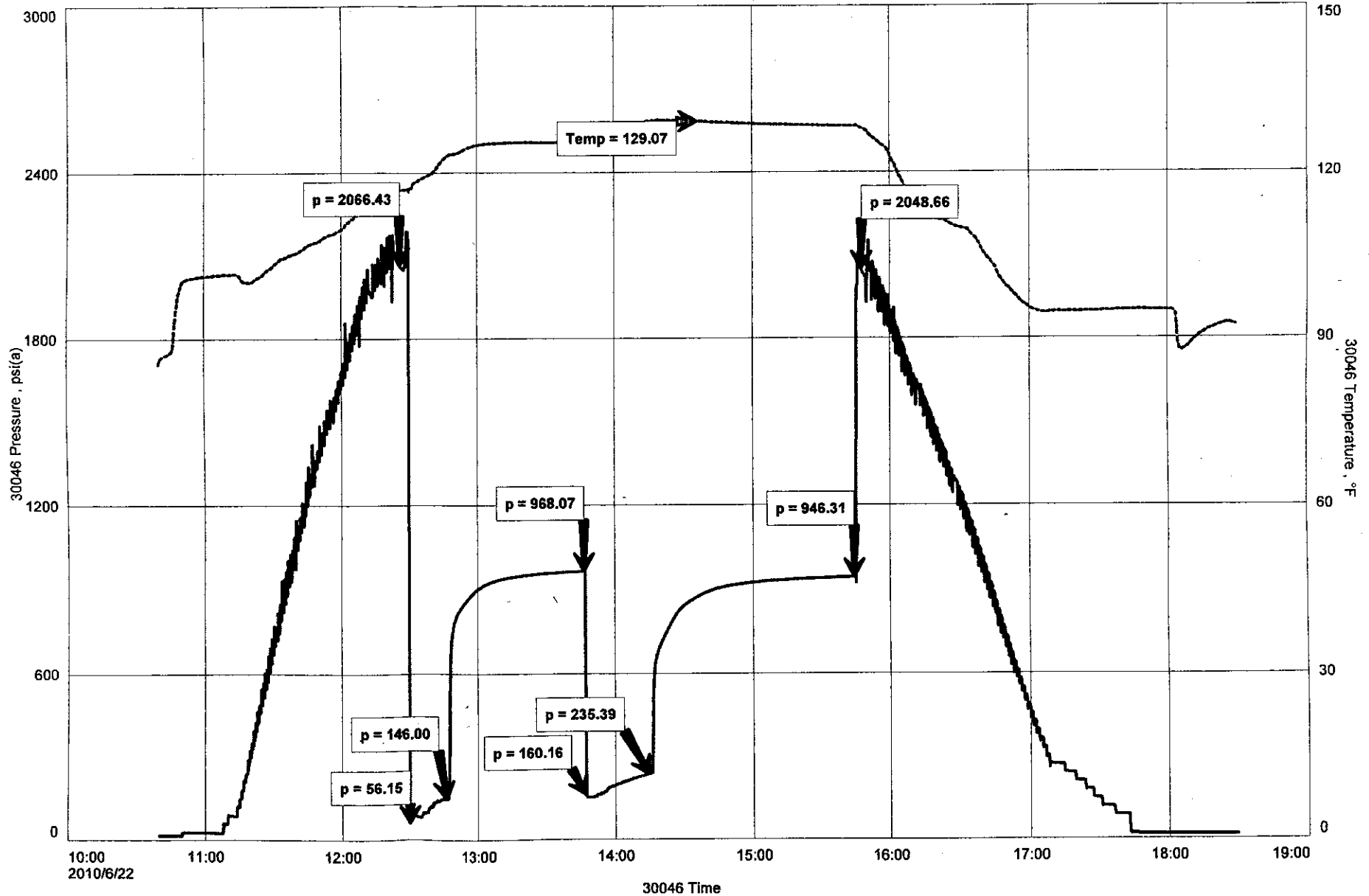
REC: 1150' GAS IN PIPE, 350' CGO, 180 VSLWCGMO, 120' VSLOC MW
TOTAL FLUID REC. 650' (530' IN DRILL PIPE, 120' IN DRILL COLLARS)

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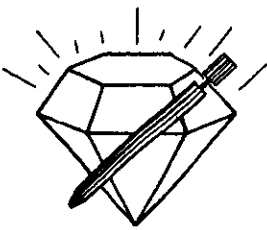
MID CONTINENT
Start Test Date: 2010/06/22
Final Test Date: 2010/06/22

BAHM 1
Formation: 180'
Job Number: D766

BAHM 1



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DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67546
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Company Mid-Continent Energy Operating Co. Lease & Well No. Bahm No. 1
 Elevation 2708 KB Formation Lansing/Kansas City 200' Zone Effective Pay -- Ft. Ticket No. J2560
 Date 6-23-10 Sec. 21 Twp. 19S Range 27W County Lane State Kansas
 Test Approved By Larry Nicholson Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 4,267 ft. to 4,289 ft. Total Depth 4,289 ft.
 Packer Depth 4,262 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,267 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,270 ft. Recorder Number 30046 Cap. 6,000 psi
 Bottom Recorder Depth (Outside) 4,284 ft. Recorder Number 11017 Cap. 4,000 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor WW Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 44 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.3 Water Loss 11.2 cc. Drill Pipe Length 4,121 ft. I.D. 3 1/2 in.
 Chlorides 3,300 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 2 Anchor Length 22 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 4 mins. Strong blow back off bottom of bucket during shut-in.
 2nd Open: Strong blow. Off bottom of bucket in 6 mins. Strong blow back off bottom of bucket during shut-in.

Recovered 1,020 ft. of gas in pipe
 Recovered 300 ft. of clean gassy oil = 4.269000 bbls. (Grind out: 15%-gas; 85%-oil) Gravity: 36 @ 60°
 Recovered 750 ft. of gassy water = 9.555300 bbls. (Grind out: 5%-gas; 95%-water) Chlorides: 55,000 Ppm
 Recovered 1,050 ft. of TOTAL FLUID = 13.824300 bbls. RW: .11 @ 70°
 Recovered ft. of
 Remarks Tool Sample Grind Out: 20%-oil; 80%-water

Time Set Packer(s) 4:15 A.M. Time Started Off Bottom 8:30 P.M. Maximum Temperature 133°
 Initial Hydrostatic Pressure (A) 2077 P.S.I.
 Initial Flow Period Minutes 30 (B) 78 P.S.I. to (C) 283 P.S.I.
 Initial Closed In Period Minutes 75 (D) 972 P.S.I.
 Final Flow Period Minutes 60 (E) 300 P.S.I. to (F) 514 P.S.I.
 Final Closed In Period Minutes 90 (G) 940 P.S.I.
 Final Hydrostatic Pressure (H) 2075 P.S.I.

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GENERAL INFORMATION

Client Information:

Company: MID CONTINENT
Contact: RICHARD SAENZ
Phone: Fax: e-mail:

Site Information:

Contact: LARRY NICHOLSON
Phone: Fax: e-mail:

Well Information:

Name: BAHM 1
Operator: MID CONTINENT
Location-Downhole:
Location-Surface: S21/19S27W

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: LARRY NICHOLSON
Test Type: CONVENTIONAL Job Number: D767
Test Unit:
Start Date: 2010/06/23 Start Time: 02:35:00
End Date: 2010/06/23 End Time: 11:15:00
Report Date: 2010/06/23 Prepared By: JOHN RIEDL
Remarks: Qualified By: LARRY NICHOLSON

RECOVERY: 1020' GIP, 300' GASSY OIL, 750' GASSY WATER
TOTAL FLUID REC. 1050' (930' IN DRILL PIPE, 120' IN DRILL COLLARS)

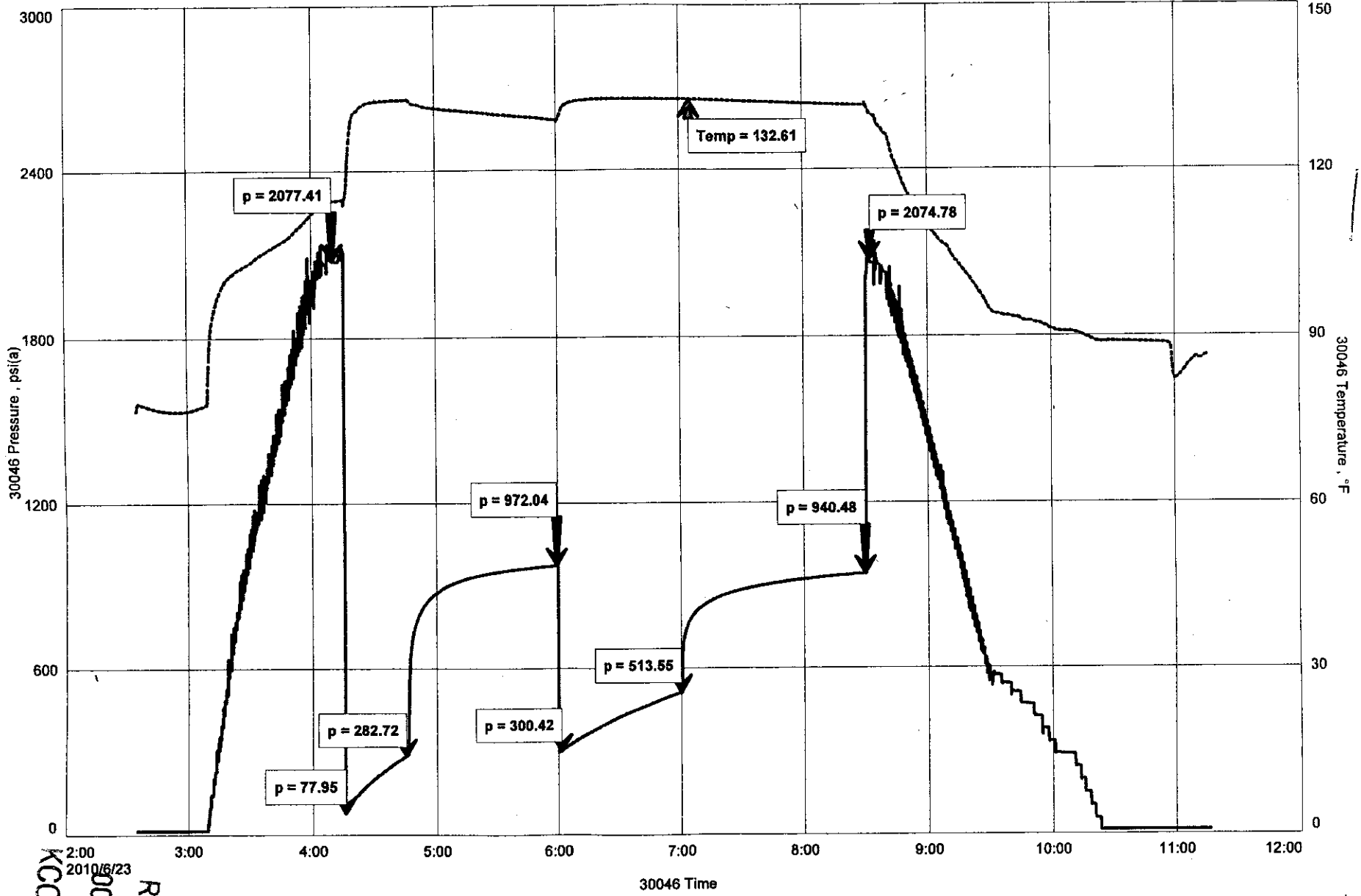
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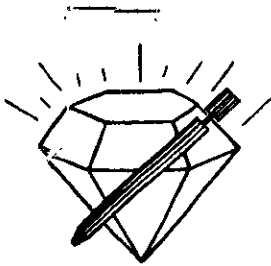
MID CONTINENT
Start Test Date: 2010/06/23
Final Test Date: 2010/06/23

BAHM 1
Formation: LKC 200'
Job Number: D767

BAHM 1



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 STC 30046.D768

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Company Mid-Continent Energy Operating Co. Lease & Well No. Bahn No. 1
 Elevation 2708 KB Formation Lansing/Kansas City 220' Zone Effective Pay -- Ft. Ticket No. J2561
 Date 6-23-10 Sec. 21 Twp. 19S Range 27W County Lane State Kansas
 Test Approved By Larry Nicholson Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,303 ft. to 4,327 ft. Total Depth 4,327 ft.
 Packer Depth 4,298 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4,303 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,306 ft. Recorder Number 30046 Cap. 6,000 psi
 Bottom Recorder Depth (Outside) 4,324 ft. Recorder Number 11017 Cap. 4,000 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor WW Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 49 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 4,157 ft. I.D. 3 1/2 in.
 Chlorides 2,900 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number 2 Anchor Length 24 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out Yes Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket immediately. Strong blow back off bottom of bucket in 15 mins. during shut-in.
 2nd Open: Strong blow. Off bottom of bucket in 2 mins. Gas to surface in 5 mins. Gas too small to measure. Strong blow back off bottom of bucket in 6 mins. during shut-in.

Recovered 2,760 ft. of clean gassy oil = 39.274800 bbls. (Grind out: 20%-gas; 80%-oil) Gravity: 36 @ 60°
 Recovered 190 ft. of very slightly oil cut muddy water = 1.586500 bbls. (Grind out: 2%-oil; 20%-mud; 78%-water)
 Recovered 2,950 ft. of TOTAL FLUID = 40.861300 bbls. Chlorides: 60,000 Ppm RW: .12 @ 70°

Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 3%-oil; 5%-mud; 92%-water
Took bottled sample.

Time Set Packer(s)	<u>9:45</u>	<u>AM.</u> P.M.	Time Started Off Bottom	<u>2:30</u>	<u>AM.</u> P.M.	Maximum Temperature	<u>133°</u>
Initial Hydrostatic Pressure			(A)	<u>2131</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>428</u>	P.S.I. to (C)	<u>965</u>	P.S.I.
Initial Closed In Period	Minutes	<u>75</u>	(D)	<u>1073</u>	P.S.I.		
Final Flow Period	Minutes	<u>60</u>	(E)	<u>976</u>	P.S.I. to (F)	<u>1068</u>	P.S.I.
Final Closed In Period	Minutes	<u>120</u>	(G)	<u>1077</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>2075</u>	P.S.I.		

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GENERAL INFORMATION

Client Information:

Company: MID CONTINENT
Contact: RICHARD SAENZ
Phone: Fax: e-mail:

Site Information:

Contact: LARRY NICHOLSON
Phone: Fax: e-mail:

Well Information:

Name: BAHM 1
Operator: MID CONTINENT
Location-Downhole:
Location-Surface: S21/19S/27W LANE COUNTY

Test Information:

Company: DIAMOND TESTING
Representative: JOHN RIEDL
Supervisor: LARRY NICHOLSON
Test Type: CONVENTIONAL Job Number: D768
Test Unit:
Start Date: 2010/06/23 Start Time: 19:55:00
End Date: 2010/06/24 End Time: 10:15:00
Report Date: 2010/06/24 Prepared By: JOHN RIEDL
Qualified By: LARRY NICHOLSON

Remarks:

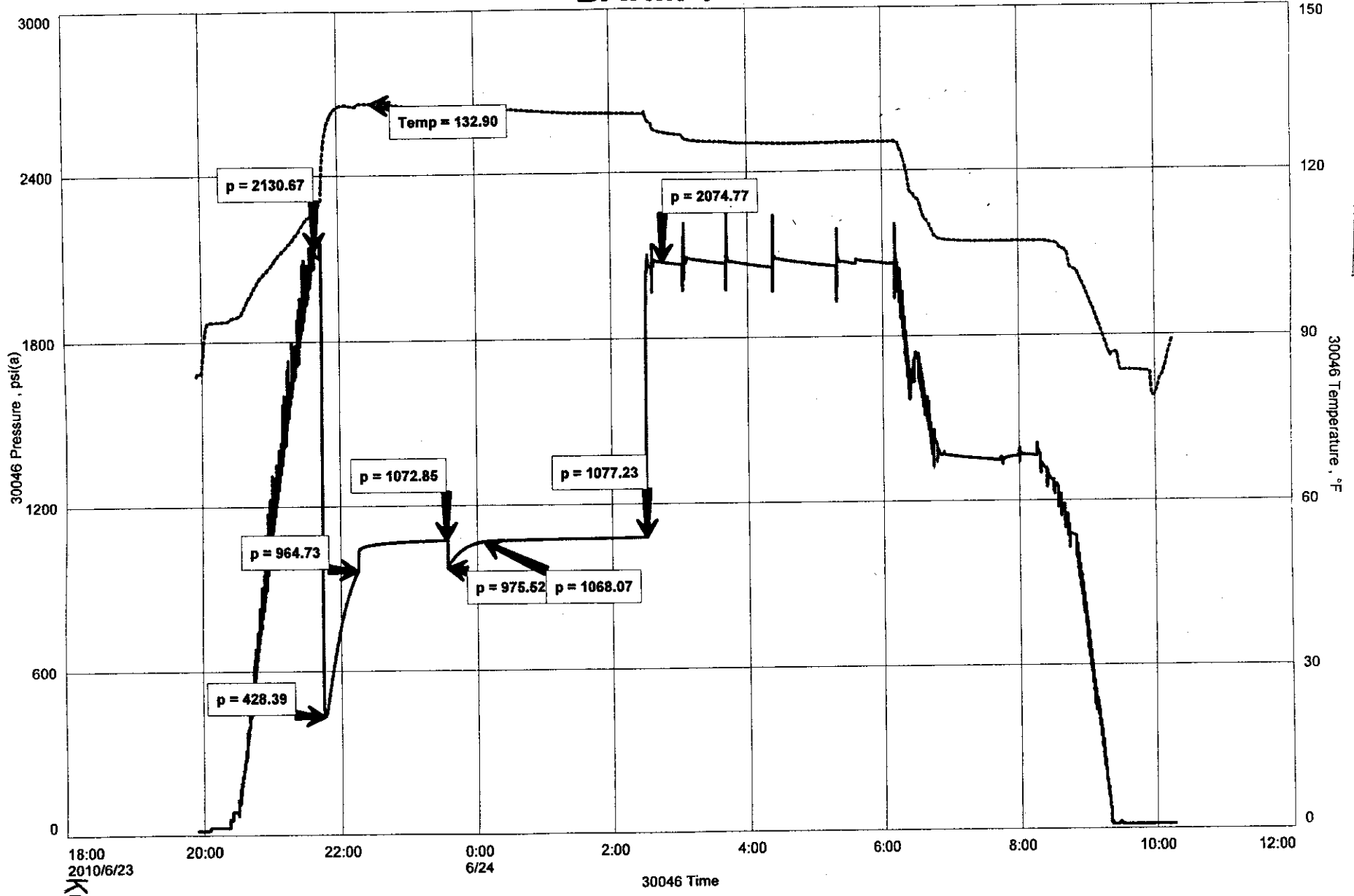
RECOVERY: GAS TO SURFACE, 2760' GASSY OIL, 190' VSLOIL CUT MUDDY WATER
TOTAL FLUID REC. 2950' (2830' IN D.P, 120' IN D.C)

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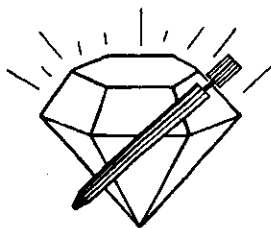
MID CONTINENT
 Start Test Date: 2010/06/23
 Final Test Date: 2010/06/24

BAHM 1
 Formation: LKC 220'
 Job Number: D768

BAHM 1



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STC 30046.D769

Company Mid-Continent Energy Operating Co. Lease & Well No. Bahm No. 1

Elevation 2708 KB Formation Cherokee Sand Effective Pay Ft. Ticket No. J2562

Date 6-25-10 Sec. 21 Twp. 19S Range 27W County Lane State Kansas

Test Approved By Larry Nicholson Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 4,568 ft. to 4,609 ft. Total Depth 4,609 ft.

Packer Depth 4,563 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4,568 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,571 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 4,606 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor WW Drilling, LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length ft. I.D. in.

Weight 9.2 Water Loss 8.4 cc. Drill Pipe Length 4,422 ft. I.D. 3 1/2 in.

Chlorides 3,200 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number 2 Anchor Length 41 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak blow. Dead in 15 mins. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 1 ft. of drilling mud = .004920 bbls. (Grind out: 2%-water; 98%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-water; 98%-mud

Time Set Packer(s) 2:15 ^{AXM.} P.M. Time Started Off Bottom 4:15 ^{AXM.} P.M. Maximum Temperature 124°

Initial Hydrostatic Pressure (A) 2243 P.S.I.

Initial Flow Period Minutes 30 (B) 30 P.S.I. to (C) 31 P.S.I.

Initial Closed In Period Minutes 30 (D) 35 P.S.I.

Final Flow Period Minutes 30 (E) 30 P.S.I. to (F) 30

Final Closed In Period Minutes 30 (G) 33 P.S.I.

Final Hydrostatic Pressure (H) 2218 P.S.I.

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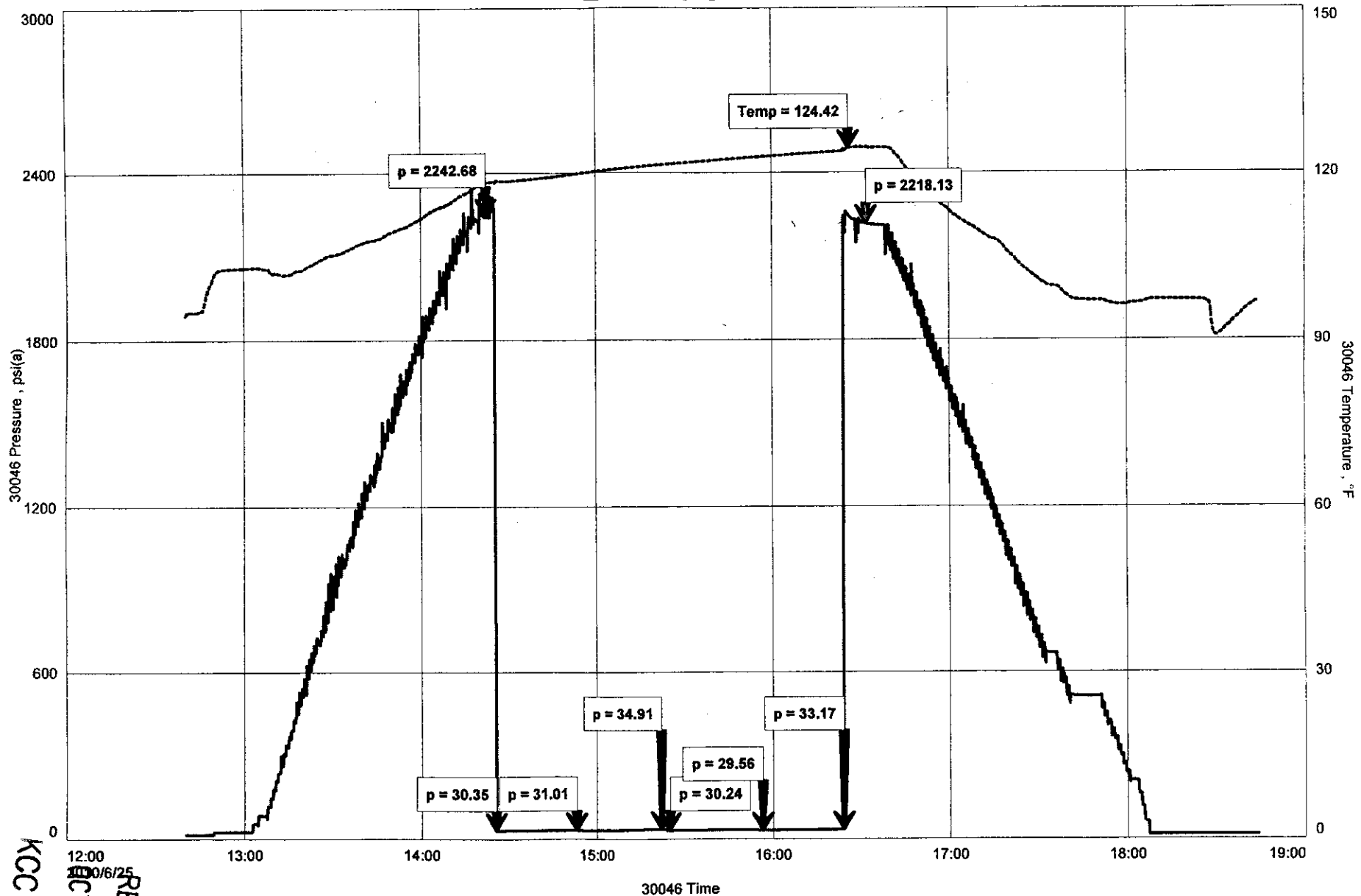
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MID CONTINENT
Start Test Date: 2010/06/25
Final Test Date: 2010/06/25

BAHM 1
Formation: CHEROKEE SAND
Job Number: D769

BAHM 1



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