



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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ALLIET CEMENTING CO., LLC. 040779

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
G.A. BENE *[Signature]*

DATE	SEC	TWP	RANGE	LOC	CALL	ON LOC	JOB START	JOB FINISH
12-4-19	15	18	29	DISKIN	9:00am	12:30am	1:00am	
LEASE	SAMMS	WELL #	1415	LOCATION	DISKIN	9:00am	12:30am	1:00am
OLD OR NEW	(circle one)							

CONTRACTOR 1941 #4 OWNER _____
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 314'
 CASING SIZE 8 5/8" DEPTH 314'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15
 PERFS. _____
 DISPLACEMENT 19.1
 EQUIPMENT _____

CEMENT AMOUNT ORDERED 185 SKS 10M
370cc 2890gal
 COMMON 185 @ 1365 2525 25
 POZMIX _____ @ _____ _____
 GEL 3 @ 2040 6120
 CHLORIDE 6 @ 5725 34725
 ASC _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 _____ @ _____ _____
 HANDLING 194 @ 210 40740
 MILEAGE 1055 @ 40 42200
 TOTAL 3996

PUMP TRUCK CEMENTER FORRY
 # 366 HELPER Bobby
 BULK TRUCK _____ DRIVER LABENE
 # 396 DRIVER _____
 BULK TRUCK _____ DRIVER _____

REMARKS:

Cement did include
Agony 6545
Job complete @ 1:00am
Thanks Forry/Bene

SERVICE

DEPTH OF JOB 314'
 PUMP TRUCK CHARGE _____ @ _____
 EXTRA FOOTAGE 14 @ 190 2660
 MILEAGE 34 @ 700 23800
 MANIFOLD _____ @ _____
 _____ @ _____
 TOTAL 1237

CHARGE TO: Wind Construction Energy Open Co.
 STREET _____ CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cement and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *[Signature]*

SALES TAX (If Any) _____ TOTAL _____

TOTAL CHARGES _____

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATING CO.

Contact	RICHARD SAENZ	Job Number	
Well Name	JAMES #1-15	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 LANS 70'-90' 4,030' - 4,075'	Well Operator	MID-CONTINENT OPERATING CO.
Surface Location	SEC 15-18S-29W LANE COUNTY, KS	Report Date	2010/12/10
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL TEST		
Formation	DST #1 LANS 70'-90' 4,030' - 4,075'		
Well Fluid Type	06 Water	Start Test Time	05:00:00
		Final Test Time	15:24:00
Start Test Date	2010/12/10		
Final Test Date	2010/12/10		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 176' WM 28% WTR, 72% MUD
248' MW 62% WTR, 34% MUD
372' SW 100% WTR

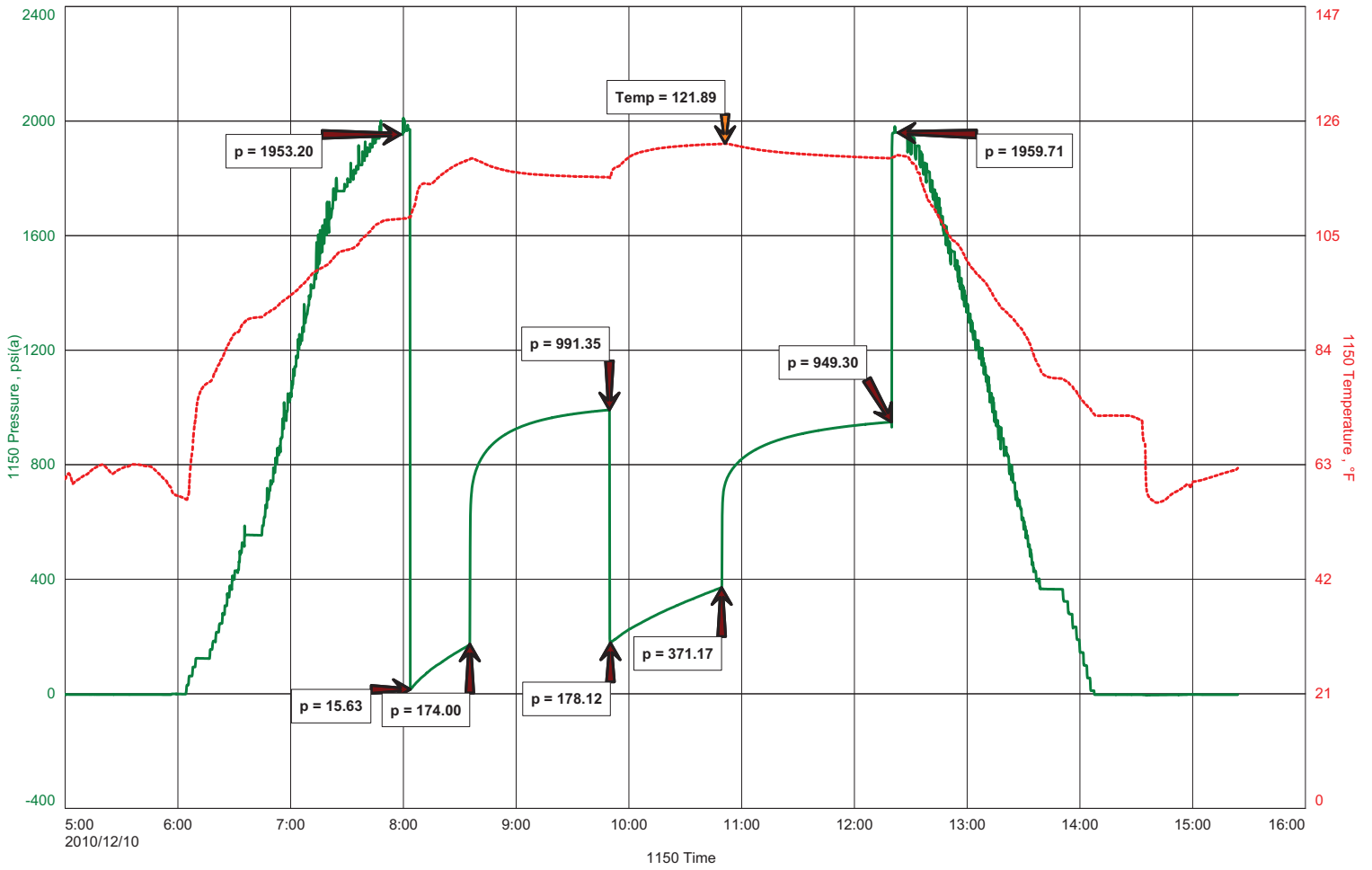
TOOL SAMPLE: 100% WTR - GOOD OIL SPECKS & ODOR

CHLORIDES: 39,000 Ppm
PH: 7.0
RW: .22 @ 58 deg

MID-CONTINENT OPERATING CO.
DST #1 LANS 70'-90' 4,030' - 4,075'
Start Test Date: 2010/12/10
Final Test Date: 2010/12/10

JAMES #1-15
Formation: DST #1 LANS 70'-90' 4,030' - 4,075'

JAMES #1-15





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

CLOCK ON: 05:00
CLOCK OFF: 15:24

DRILL -STEM TEST TICKET

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.
Elevation _____ Formation LANSING 70'-90' Effective Pay _____ Ft. Ticket No. _____
Date 12.10.10 Sec. 15 Twp. _____ 18 S Range 29 W County LANE State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 1 Interval Tested from 4,030 ft. to 4,075 ft. Total Depth 4,075 ft.
Packer Depth 4,025 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,030 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,018 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,072 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 1,900 P.P.M. Drill Pipe Length 4,004 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 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: FAIR 1" BLOW INCREASING TO BOTTOM OF BUCKET IN 8 1/4 MIN (NObb)
2nd Open: WEAK SURFACE BLOW INCREASING TO BOTTOM OF BUCKET IN 11 1/2 MIN (NObb)

Recovered 176 ft. of WM 28% WTR, 72% MUD
Recovered 248 ft. of MW 61% WTR, 34% MUD
Recovered 372 ft. of SW 100% WTR

Recovered <u>796</u> ft. of <u>TOTAL FLUID</u>	<u>CHLORIDES: 39,000 Ppm</u>	Price Job
Recovered _____ ft. of _____	<u>PH: 7.0</u>	Other Charges
Remarks: _____	<u>RW: .22 @ 58 deg</u>	Insurance
<u>TOOL SAMPLE: 100% SW WITH GOOD OIL SPECKS & ODOR</u>		Total

Time Set Packer(s) 8:04 A.M. A.M. P.M. Time Started Off Bottom 12:19 P.M. A.M. P.M. Maximum Temperature 122

Initial Hydrostatic Pressure (A) 1,953 P.S.I.
Initial Flow Period Minutes 30 (B) 16 P.S.I. to (C) 174 P.S.I.
Initial Closed In Period Minutes 75 (D) 991 P.S.I.
Final Flow Period Minutes 60 (E) 178 P.S.I. to (F) 371 P.S.I.
Final Closed In Period Minutes 90 (G) 949 P.S.I.
Final Hydrostatic Pressure (H) 1,960 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.

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATING CO.

Contact	RICHARD SAENZ	Job Number	
Well Name	JAMES #1-15	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 LANS 220' 4,270' - 4,325'	Well Operator	MID-CONTINENT OPERATING CO.
Surface Location	SEC 15-18S-29W LANE COUNTY, KS	Report Date	2010/12/12
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL TEST		
Formation	DST #2 LANS 220' 4,270' - 4,325'		
Well Fluid Type	01 Oil	Start Test Time	19:30:00
		Final Test Time	05:22:00
Start Test Date	2010/12/11		
Final Test Date	2010/12/12		
Gauge Name	1150		
Gauge Serial Number			

Test Results

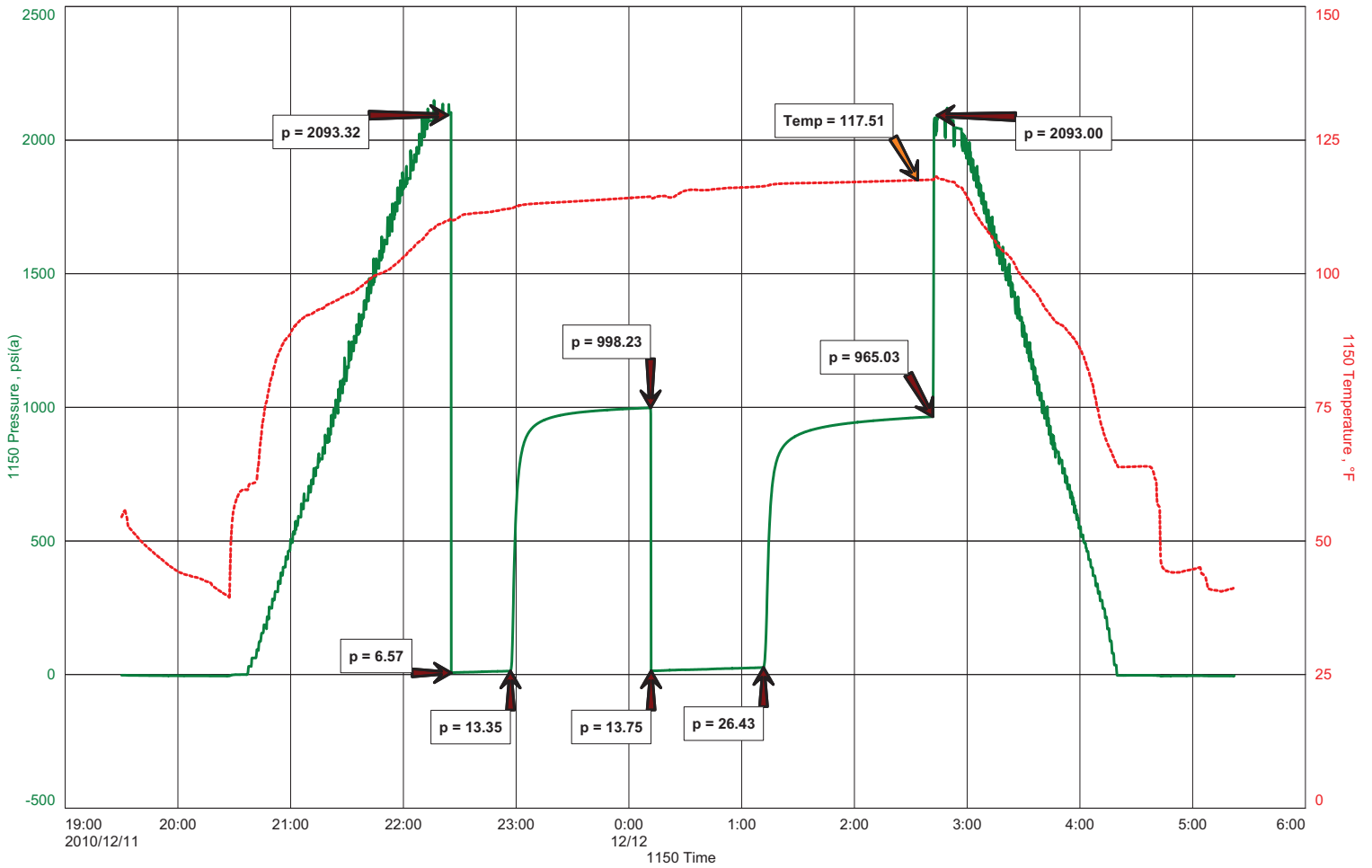
RECOVERED: 45' DM 100% MUD

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS

MID-CONTINENT OPERATING CO.
DST #2 LANS 220' 4,270' - 4,325'
Start Test Date: 2010/12/11
Final Test Date: 2010/12/12

JAMES #1-15
Formation: DST #2 LANS 220' 4,270' - 4,325'

JAMES #1-15





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

CLOCK ON: 19:30
CLOCK OFF: 05:22(12-12)

DRILL -STEM TEST TICKET

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.
Elevation 2,805 KB Formation LANSING 220' Effective Pay _____ Ft. Ticket No. _____
Date 12.11.10 Sec. 15 Twp. _____ 18 S Range 29 W County LANE State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 2 Interval Tested from 4,270 ft. to 4,325 ft. Total Depth 4,325 ft.
Packer Depth 4,265 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,270 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,258 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,322 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,500 P.P.M. Drill Pipe Length 4,244 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 55 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. 31'DP IN ANCHOR Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/4" BLOW INCREASING TO 1 3/4" (NObb)
2nd Open: WEAK SURFACE BLOW IN 40 MIN - WEAK SURFACE BLOW @ END (NObb)

Recovered 45 ft. of DM 100% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS

Time Set Packer(s) 10:25 P.M. A.M. P.M. Time Started Off Bottom 2:40 A.M. A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure (A) 2,093 P.S.I.
Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 13 P.S.I.
Initial Closed In Period Minutes 75 (D) 998 P.S.I.
Final Flow Period Minutes 60 (E) 14 P.S.I. to (F) 26 P.S.I.
Final Closed In Period Minutes 90 (G) 965 P.S.I.
Final Hydrostatic Pressure (H) 2,093 P.S.I.

Price Job
Other Charges
Insurance
Total

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.

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATING CO.

Contact	RICHARD SAENZ	Job Number	
Well Name	JAMES #1-15	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 PLEAS. 4,310' - 4,345'	Well Operator	MID-CONTINENT OPERATING CO.
Surface Location	SEC 15-18S-29W LANE COUNTY, KS	Report Date	2010/12/13
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL TEST		
Formation	DST #3 PLEAS. 4,310' - 4,345'		
Well Fluid Type	01 Oil	Start Test Time	14:35:00
		Final Test Time	23:34:00
Start Test Date	2010/12/12		
Final Test Date	2010/12/12		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 15' MW 72% WTR, 28% MUD

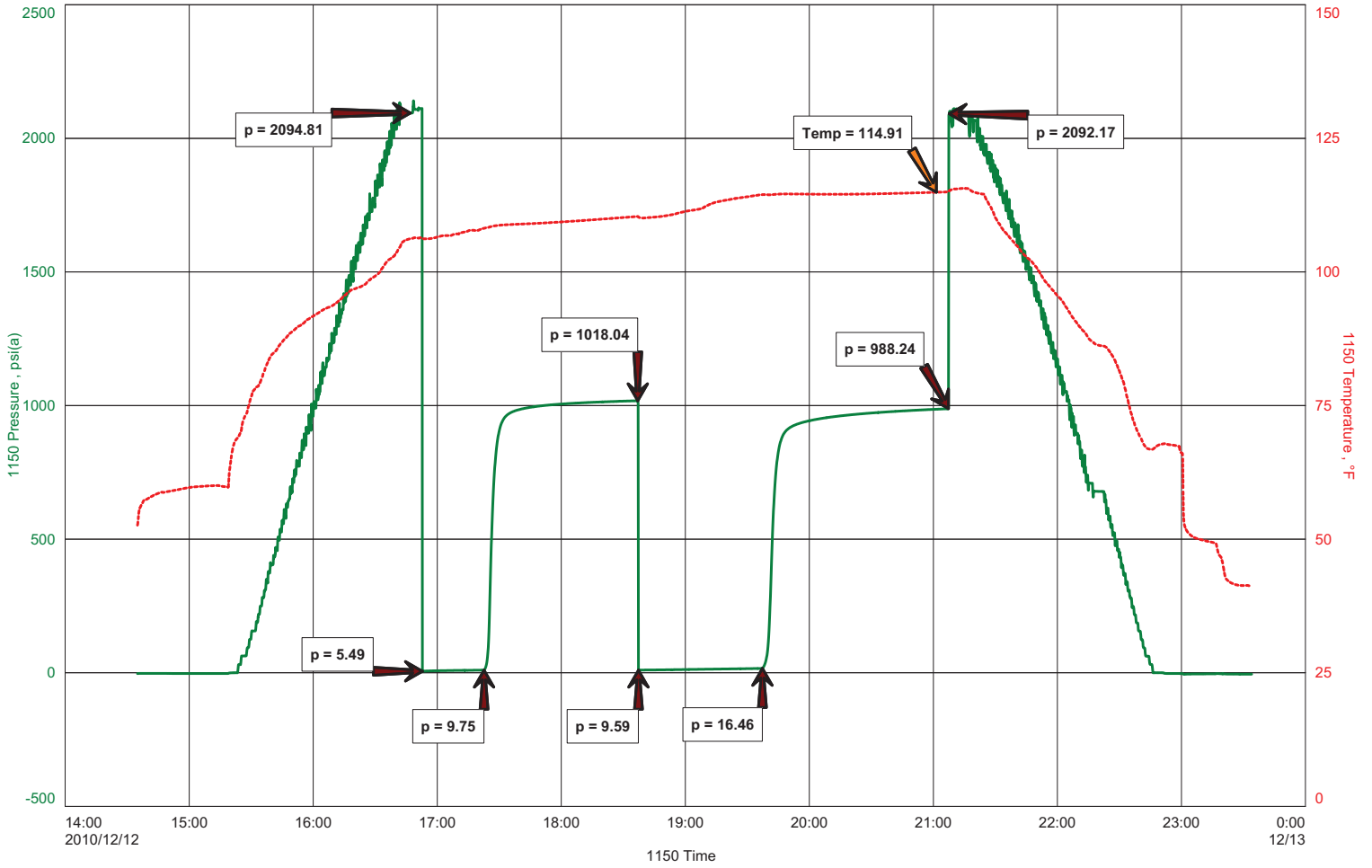
TOOL SAMPLE: 85% WTR, 15% MUD

CHLORIDES: 27,000 Ppm
PH: 6.0
RW: .32 @ 50 deg.

MID-CONTINENT OPERATING CO.
DST #3 PLEAS. 4,310' - 4,345'
Start Test Date: 2010/12/12
Final Test Date: 2010/12/12

JAMES #1-15
Formation: DST #3 PLEAS. 4,310' - 4,345'

JAMES #1-15





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

CLOCK ON: 14:35
CLOCK OFF: 23:34

DRILL -STEM TEST TICKET

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.
Elevation 2,805 KB Formation PLEAS. Effective Pay _____ Ft. Ticket No. _____
Date 12.12.10 Sec. 15 Twp. _____ 18 S Range 29 W County LANE State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 3 Interval Tested from 4,310 ft. to 4,345 ft. Total Depth 4,345 ft.
Packer Depth 4,305 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,310 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,298 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,342 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,400 P.P.M. Drill Pipe Length 4,284 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 35 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 1/4" BLOW INCREASING TO 1" SLOWING @ END (NObb)
2nd Open: NO BLOW (NObb)

Recovered 15 ft. of MW 72% WTR, 28% MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 85% WTR, 15% MUD - FEW OIL SPECKS

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 4:53 P.M. A.M. P.M. Time Started Off Bottom 9:08 P.M. A.M. P.M. Maximum Temperature 115

Initial Hydrostatic Pressure (A) 2,095 P.S.I.
Initial Flow Period Minutes 30 (B) 5 P.S.I. to (C) 10 P.S.I.
Initial Closed In Period Minutes 75 (D) 1,018 P.S.I.
Final Flow Period Minutes 60 (E) 10 P.S.I. to (F) 16 P.S.I.
Final Closed In Period Minutes 90 (G) 988 P.S.I.
Final Hydrostatic Pressure (H) 2,092 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.

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATING CO.

Contact	RICHARD SAENZ	Job Number	
Well Name	JAMES #1-15	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 ALTALMONT 'B' 4,357' - 4,410'	Well Operator	MID-CONTINENT OPERATING CO.
Surface Location	SEC 15-18S-29W LANE COUNTY, KS	Report Date	2010/12/13
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL TEST		
Formation	DST #4 ALTAMONT 'B' 4,357' - 4,410'		
Well Fluid Type	01 Oil	Start Test Time	12:40:00
		Final Test Time	22:01:00
Start Test Date	2010/12/13		
Final Test Date	2010/12/13		
Gauge Name	1150		
Gauge Serial Number			

Test Results

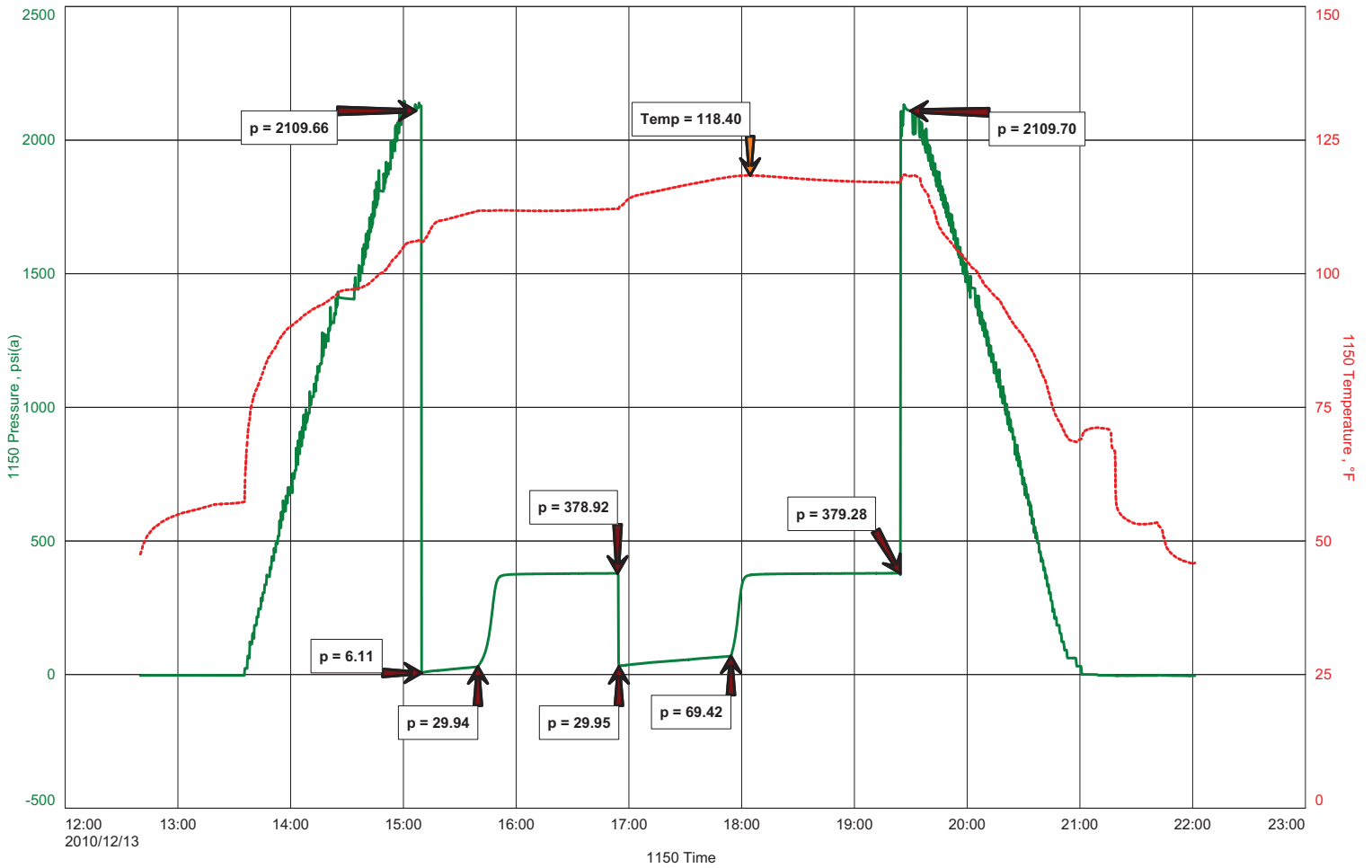
RECOVERED: 295' GAS IN PIPE
15' HOCM 48% OIL, 52% MUD
62' HGCOM 8% GAS, 34% OIL, 58% MUD
62' HGCOM 28% GAS, 32% OIL, 40% MUD
139' TOTAL FLUID

TOOL SAMPLE: 4% GAS, 42% OIL, 54% MUD

MID-CONTINENT OPERATING CO.
DST #4 ALTALMONT 'B' 4,357' - 4,410'
Start Test Date: 2010/12/13
Final Test Date: 2010/12/13

JAMES #1-15
Formation: DST #4 ALTAMONT 'B' 4,357' - 4,410'

JAMES #1-15





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

CLOCK ON: 12:40
CLOCK OFF: 22:01

DRILL -STEM TEST TICKET

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.
Elevation 2,805' KB Formation ALTAMONT 'B' Effective Pay _____ Ft. Ticket No. _____
Date 12.13.10 Sec. 15 Twp. _____ 18 S Range 29 W County LANE State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 4 Interval Tested from 4,357 ft. to 4,410 ft. Total Depth 4,410 ft.
Packer Depth 4,352 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,357 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,345 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,407 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 6.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,600 P.P.M. Drill Pipe Length 4,331 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 53 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 1/4" BLOW INCREASING TO BOTTOM OF BUCKET IN 27 MIN (WSbb-DIED 15 MIN)
2nd Open: WEAK 1/2" BLOW INCREASING TO BOTTOM OF BUCKET IN 24 MIN (W 1/8"bb-DIED 60 MIN)

Recovered 295 ft. of GAS IN PIPE
Recovered 15 ft. of HOCM 48% OIL, 52% MUD
Recovered 62 ft. of HGCOM 8% GAS, 34% OIL, 58% MUD
Recovered 62 ft. of HGCOM 28% GAS, 32% OIL, 40% MUD
Recovered 139 ft. of TOTAL FLUID

Remarks: _____

TOOL SAMPLE: 4% GAS, 42% OIL, 54% MUD

Price Job
Other Charges
Insurance
Total

Time Set Packer(s) 3:10 P.M. A.M. P.M. Time Started Off Bottom 7:25 P.M. A.M. P.M. Maximum Temperature 118

Initial Hydrostatic Pressure (A) 2,110 P.S.I.
Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period Minutes 75 (D) 379 P.S.I.
Final Flow Period Minutes 60 (E) 30 P.S.I. to (F) 69 P.S.I.
Final Closed In Period Minutes 90 (G) 379 P.S.I.
Final Hydrostatic Pressure (H) 2,110 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.

Diamond Testing

General information Report

General Information

Company Name MID-CONTINENT OPERATION CO.

Contact	RICHARD SAENZ	Job Number	
Well Name	JAMES #1-15	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #5 JOHNSON 4,490' - 4,565'	Well Operator	MID-CONTINENT OPERATING CO.
Surface Location	SEC 15-18S-29W LANE COUNTY, KS	Report Date	2010/12/15
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL TEST		
Formation	DST #5 JOHNSON 4,490' - 4,565'		
Well Fluid Type	01 Oil	Start Test Time	19:30:00
		Final Test Time	04:46:00
Start Test Date	2010/12/14		
Final Test Date	2010/12/15		
Gauge Name	1150		
Gauge Serial Number			

Test Results

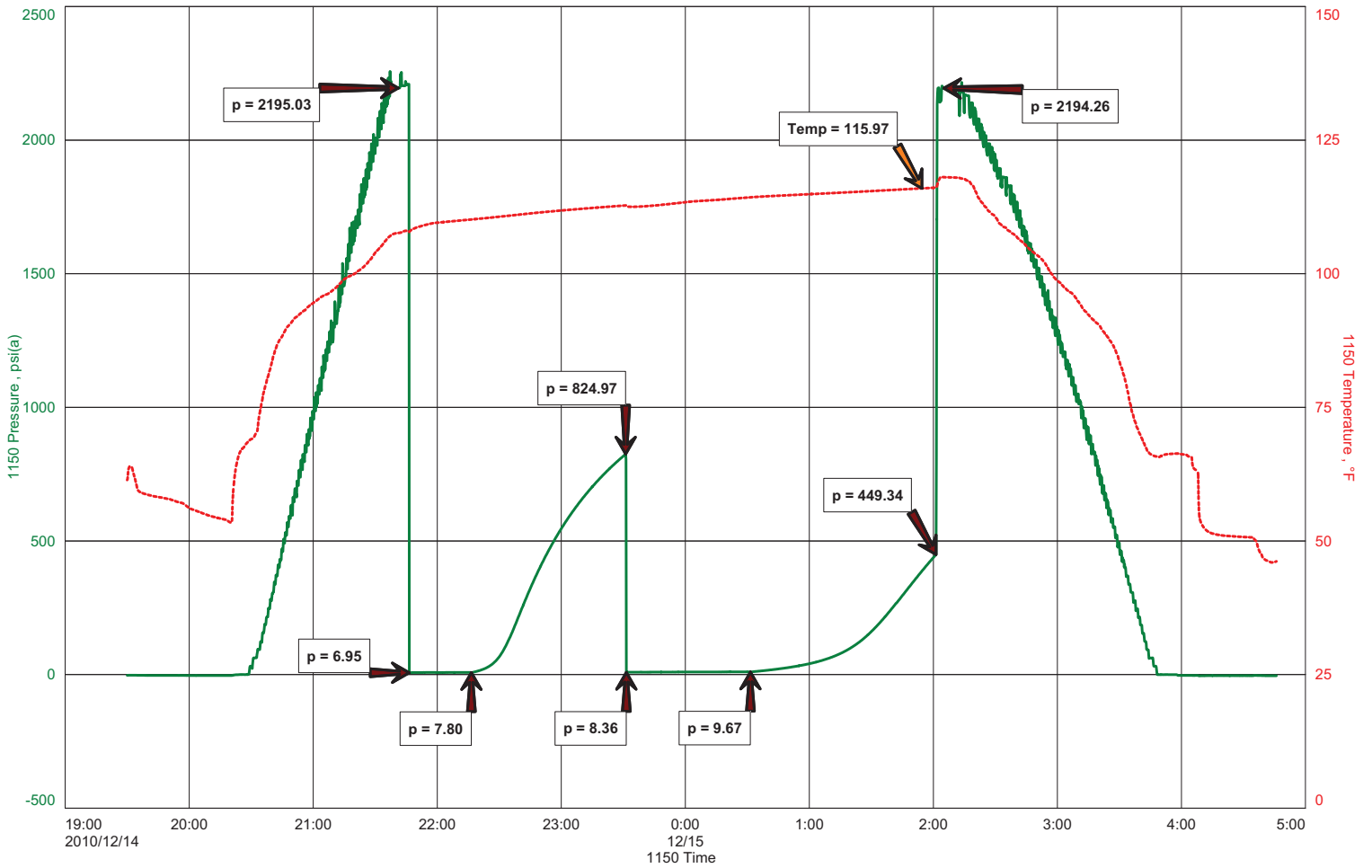
RECOVERED: 7' VSOCDM 2% OIL, 98% MUD - GOOD FREE OIL ON TOP

TOOL SAMPLE: 4% OIL, 96% MUD

MID-CONTINENT OPERATION CO.
DST #5 JOHNSON 4,490' - 4,565'
Start Test Date: 2010/12/14
Final Test Date: 2010/12/15

JAMES #1-15
Formation: DST #5 JOHNSON 4,490' - 4,565'

JAMES #1-15





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

CLOCK ON: 19:30
CLOCK OFF: 04:46(12.15)

DRILL -STEM TEST TICKET

Company MID-CONTINENT OPERATING CO. Lease & Well No. JAMES #1-15
Contractor VAL RIG #4 Charge to MID-CONTINENT OPERATING CO.
Elevation 2,805' KB Formation JOHNSON Effective Pay _____ Ft. Ticket No. _____
Date 12.14.10 Sec. 15 Twp. _____ 18 S Range 29 W County LANE State KANSAS
Test Approved By KEVIN KESSLER Diamond Representative ROGER D. FRIEDLY

Formation Test No. 5 Interval Tested from 4,490 ft. to 4,565 ft. Total Depth 4,565 ft.
Packer Depth 4,485 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4,490 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4,478 ft. Recorder Number 1150 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4,562 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 6.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,000 P.P.M. Drill Pipe Length 4,464 ft. I.D. 3 1/2 in.
Jars: Make BOWEN Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 75 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 1/2" BLOW INCREASING TO 1 1/4" (NObb)
2nd Open: NO BLOW (NObb)

Recovered 7 ft. of VSOSDM 2% OIL, 98% MUD - GOOD FREE OIL ON TOP

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

TOOL SAMPLE: 4% OIL, 96% MUD

Time Set Packer(s) 9:46 P.M. A.M. P.M. Time Started Off Bottom 2:01 A.M. A.M. P.M. Maximum Temperature 116

Initial Hydrostatic Pressure (A) 2,195 P.S.I.
Initial Flow Period Minutes 30 (B) 7 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period Minutes 75 (D) 825 P.S.I.
Final Flow Period Minutes 60 (E) 8 P.S.I. to (F) 10 P.S.I.
Final Closed In Period Minutes 90 (G) 449 P.S.I.
Final Hydrostatic Pressure (H) 2,194 P.S.I.

Price Job
Other Charges
Insurance
Total

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.

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 14, 2011

G. M. Canaday
Mid-Continent Energy Operating Co.
100 W 5TH ST STE 450
TULSA, OK 74103-4254

Re: ACO1
API 15-101-22237-00-00
James #1-15
SW/4 Sec.15-18S-29W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
G. M. Canaday