



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1089262
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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

1089262

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Midwestern Exploration Company
Well Name	Nix 1-7
Doc ID	1089262

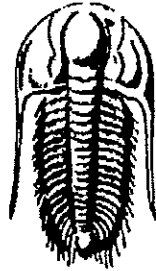
Tops

Name	Top	Datum
B. Heebner Shale	4344'	(-1313')
Toronto	4354'	(-1323')
Marmaton	5217'	(-2186')
Cherokee Shale	5597'	(-2566')
Morrow Shale	5950'	(-2919')
Mississippian Chester	6352'	(-3321')
STE Genevieve	6656'	(-3625')
St. Louis	6712'	(-3681')

Form	ACO1 - Well Completion
Operator	Midwestern Exploration Company
Well Name	Nix 1-7
Doc ID	1089262

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	65	40	Grout	50	
Surface	12.25	8.625	24	1685	Class A - Con	400	3% CC, 1/4 celoflake
Surface	12.25	8.625	24	1685	Class H	150	2% CC, 1/4 celoflake
Production	7.875	4.5	10.5	6725	AA2	150	2% CC
Production	7.875	4.5	10.5	6725	60/40 Po2	50	2% CC



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Midwestern Exploration Co.**

3500 S Boulevard Ste 2B
Edmond OK 73013 5487

ATTN: Tom W

Nix #1-7

7-35s-35w Stevens,KS

Start Date: 2012.06.05 @ 11:30:00

End Date: 2012.06.05 @ 21:46:10

Job Ticket #: 47634 DST #: 1

Midwestern Exploration Co. 7-35s-35w Stevens,KS Nix #1-7 DST # 1 Chester Sand 2012.06.05

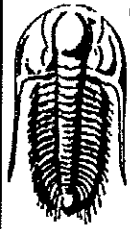
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

ORIGINAL

Printed: 2012.06.08 @ 11:34:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Midwestern Exploration Co.

7-35s-35w Stevens, KS

3500 S Boulevard Ste 2B
Edmond OK 73013 5487

Nix #1-7

Job Ticket: 47634

DST#: 1

ATTN: Tom W

Test Start: 2012.06.05 @ 11:30:00

GENERAL INFORMATION:

Formation: **Chester Sand**
 Deviated: Yes Whipstock: ft (KB)
 Time Tool Opened: 14:20:20
 Time Test Ended: 21:46:10

Test Type: Conventional Bottom Hole (Initial)
 Tester: Harley Davidson
 Unit No: 58

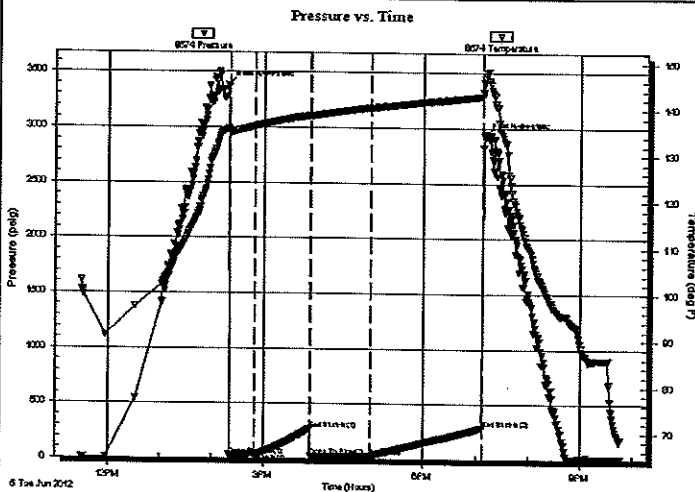
Interval: **6525.00 ft (KB) To 6580.00 ft (KB) (TVD)**
 Total Depth: 6580.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3032.00 ft (KB)
 3021.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: **8674** Outside
 Press@RunDepth: 26.62 psig @ ft (KB)
 Start Date: 2012.06.05 End Date: 2012.06.05
 Start Time: 11:30:05 End Time: 21:46:09

Capacity: 8000.00 psig
 Last Calib.: 2012.06.05
 Time On Btm: 2012.06.05 @ 14:18:00
 Time Off Btm: 2012.06.05 @ 19:09:39

TEST COMMENT: IF- Weak surface blow.
 IS- No blow back.
 FF- Weak building blow 3" into bucket.
 FS- No blow back.



PRESSURE SUMMARY

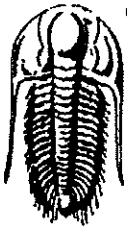
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3379.10	135.67	Initial Hydro-static
3	28.17	134.90	Open To Flow (1)
31	39.88	136.26	Shut-In(1)
94	271.18	138.67	End Shut-In(1)
96	21.31	138.60	Open To Flow (2)
163	26.62	140.30	Shut-In(2)
290	287.70	142.88	End Shut-In(2)
292	2928.46	145.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	150' GIP	0.00
15.00	100% mud w ith trace of oil	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Midwestern Exploration Co.

7-35s-35w Stevens, KS

3500 S Boulevard Ste 2B
Edmond OK 73013 5487

Nix #1-7

Job Ticket: 47634

DST#: 1

ATTN: Tom W

Test Start: 2012.06.05 @ 11:30:00

GENERAL INFORMATION:

Formation: **Chester Sand**

Deviated: Yes Whipstock: ft (KB)

Time Tool Opened: 14:20:20

Time Test Ended: 21:46:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 6525.00 ft (KB) To 6580.00 ft (KB) (TVD)

Total Depth: 6580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3032.00 ft (KB)

3021.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8355 Inside

Press@RunDepth: psig @ ft (KB)

Start Date: 2012.06.05

End Date:

2012.06.05

Capacity: 8000.00 psig

Last Calib.:

2012.06.05

Start Time: 11:29:35

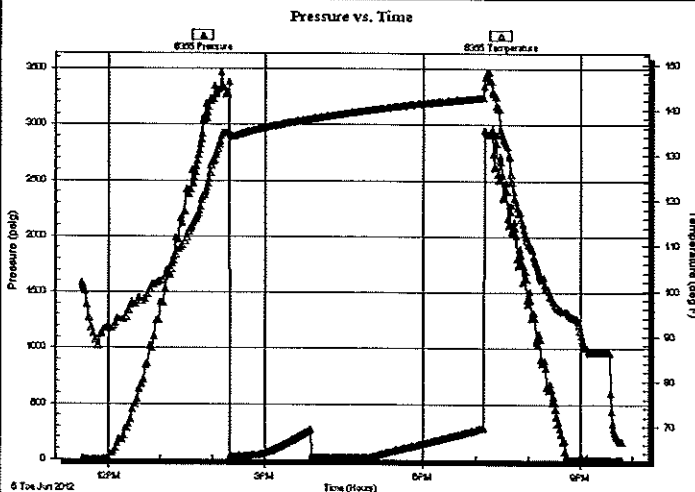
End Time:

21:47:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF- Weak surface blow.
IS- No blow back.
FF- Weak building blow 3" into bucket.
FS- No blow back.



PRESSURE SUMMARY

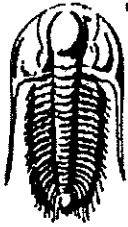
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	150' GIP	0.00
15.00	100% mud with trace of oil	0.07

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Midwestern Exploration Co.

7-35s-35w Stevens, KS

3500 S Boulevard Ste 2B
Edmond OK 73013 5487

Nix #1-7

Job Ticket: 47634

DST#: 1

ATTN: Tom W

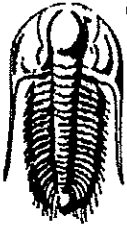
Test Start: 2012.06.05 @ 11:30:00

Tool Information

Drill Pipe:	Length: 6165.00 ft	Diameter: 3.80 inches	Volume: 86.48 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 363.00 ft	Diameter: 2.25 inches	Volume: 1.79 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 88.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 99000.00 lb
Depth to Top Packer:	6525.00 ft			Final 110000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			6503.00	
Hydraulic tool	5.00			6508.00	
Jars	5.00			6513.00	
Safety Joint	3.00		Fluid	6516.00	
Packer	5.00			6521.00	27.00 Bottom Of Top Packer
Packer	4.00			6525.00	
Stubb	1.00			6526.00	
Recorder	0.00	8355	Inside	6526.00	
Recorder	0.00	8674	Outside	6526.00	
Change Over Sub	1.00			6527.00	
Drill Pipe	31.00			6558.00	
Change Over Sub	1.00			6559.00	
Perforations	18.00			6577.00	
Bullnose	3.00			6580.00	55.00 Bottom Packers & Anchor

Total Tool Length: 82.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Midwestern Exploration Co.

7-35s-35w Stevens, KS

3500 S Boulevard Ste 2B
Edmond OK 73013 5487

Nix #1-7

Job Ticket: 47634

DST#: 1

ATTN: Tom W

Test Start: 2012.06.05 @ 11:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	150' GIP	0.000
15.00	100% mud with trace of oil	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

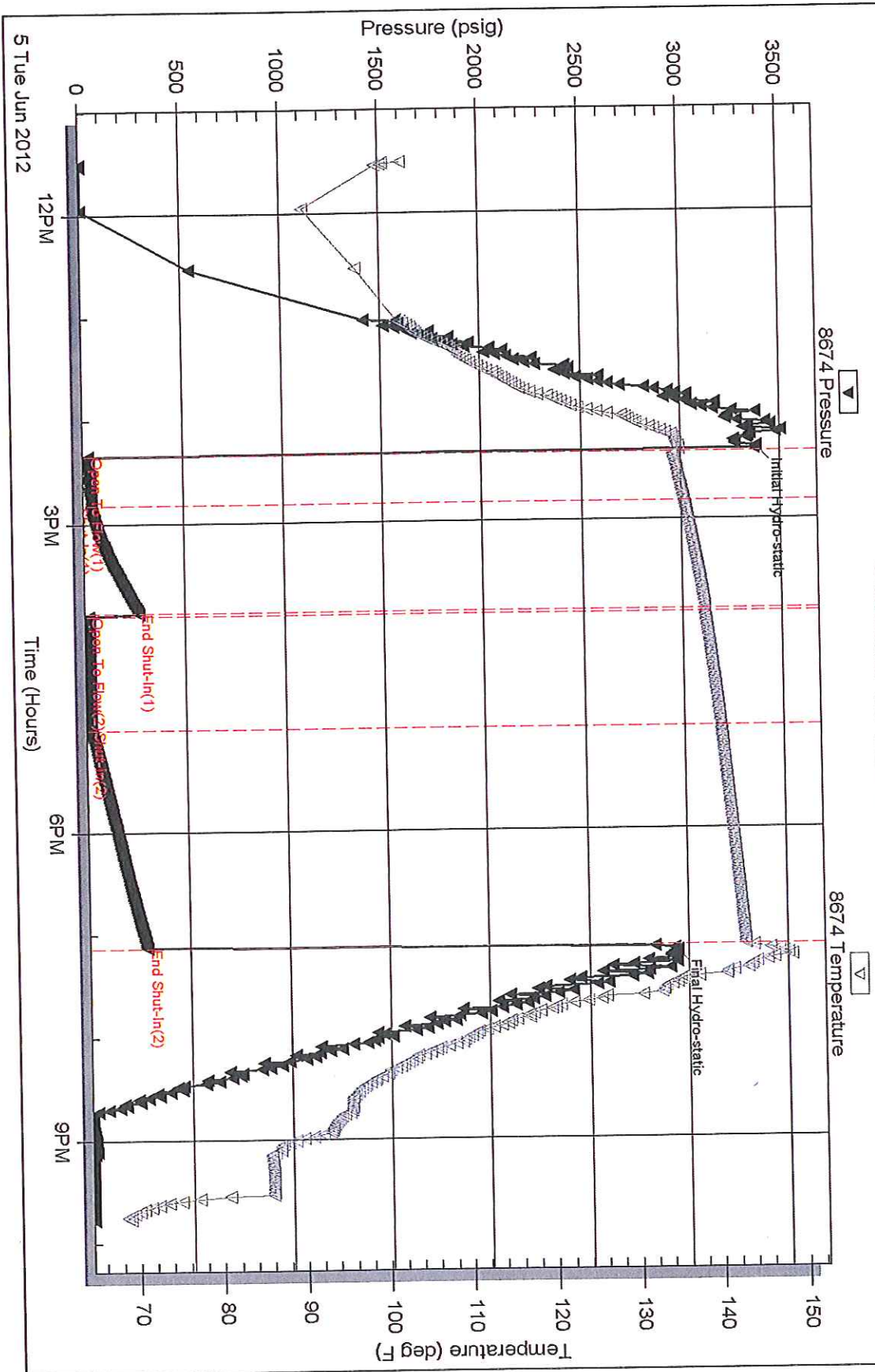
Serial #: 8674

Outside Midwestern Exploration Co.

Nix #41-7

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47634

Printed: 2012.06.08 @ 11:34:49

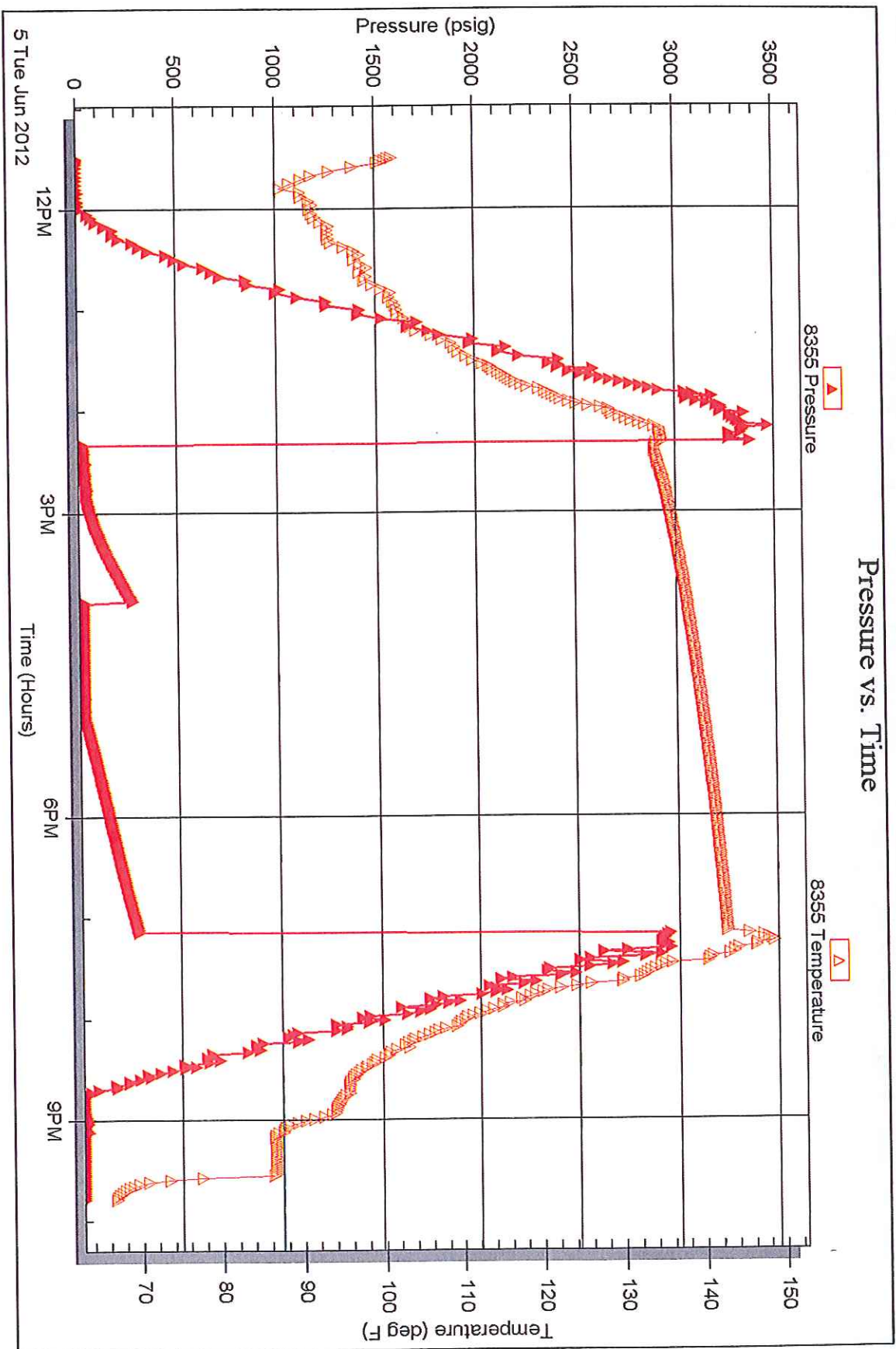
Serial #: 8355

Inside

Midwestern Exploration Co.

Nix #1-7

DST Test Number: 1



TriLobite Testing, Inc

Ref. No: 47634

Printed: 2012.06.08 @ 11:34:50



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47634

Well Name & No. Nix 1-7 Test No. 1 Date 6-5-12
 Company Midwestern Exploration Co. Elevation 3032 KB 3021 GL
 Address 3500 S. Boulevard Ste 2B Edmond OK 73013 5487
 Co. Rep / Geo. Tom W Rig Duke #6
 Location: Sec. 7 Twp. 35 Rge. 35 Co. Stephens State KS

Interval Tested 6525-6580 Zone Tested Chastey Sand
 Anchor Length 55 Drill Pipe Run 6165 Mud Wt. 9.1
 Top Packer Depth 6520 Drill Collars Run 363 Vis 45
 Bottom Packer Depth 6525 Wt. Pipe Run 0 Wt. 7.2
 Total Depth 6580 Chlorides N/A ppm System LCM B

Blow Description IF - Weak surface blow
ISF - No blow back
FF - Weak building blow 3" into bucket
PSF - No blow back

Rec.	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>GIP</u>				
<u>15</u>	<u>50CM</u>	<u>Trace</u>		<u>100</u>	
Rec.	Feet of	%gas	%oil	%water	%mud
Rec.	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 146 Gravity API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 3379 Test 1450 T-On Location 10 45 AM
 (B) First Initial Flow 28 Jars 250 T-Started 11 30 AM
 (C) First Final Flow 40 Safety Joint 75 T-Open 2 00 PM
 (D) Initial Shut-In 271 Circ Sub _____ T-Pulled 6 30 PM
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 9 30 PM
 (F) Second Final Flow 27 Mileage 70 round 108.50
 (G) Final Shut-In 288 Sampler _____
 (H) Final Hydrostatic 2928 Straddle _____

Initial Open 30 Shale Packer 250 Ruined Shale Packer _____
 Initial Shut-In 60 Extra Packer _____ Ruined Packer _____
 Final Flow 60 Extra Recorder _____ Extra Copies _____
 Final Shut-In 120 Day Standby _____ Sub Total 0
 Accessibility 150 Total 2283.50
 Sub Total 2283.50 MP/DST Disc't _____

Approved By Billy [Signature] Our Representative [Signature]
 TriLOBITE TESTING INC. Shall not be liable for damages of any kind of 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 statements or opinion concerning the results 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.

SouthWest Acid Services, LLC

TREATMENT REPORT

Customer MIDWESTERN EXPLORATION				Lease Name NIX			
Date 7-2-12				Well # 1-7		Legal Description F-355-35W	
Ticket # 2962		Formation BASAL CHESTER		Casing 5 1/2		Tubing 2 3/8	
Job Type ACID BALLOUT				County & State STEVENS KANSAS			
Pipe Date 5 1/2		Tubing Size 2 3/8		Perforating Date 16'		Shots/Ft 63PF	
Casing Size		Tubing Size		Customer Billy Daugherty		Acid Type 74% NEPE	
Depth		From 6574'		To 90'		Volume 2000	
Volume		From		To		Flush Type KCL	
Max PSI		From		To		Volume 5000	
Well Connection		Annulus Volume		From		To	
Plug Depth		Packer Depth 6520'		From		To	
				Treatment Resume			
				Rate		Pressure	
				Max 3.7		2450	
				Min 1.3		950	
				Avg 3.5		1300	
				N2 Volume		ISIP 325	
						4 Min VAR	
						10 Min /	
						15 Min /	
						Total Load 75 BBL	

Time	Casing Pressure	Tubing Pressure	Bbl Pumped	Rate	Jog Log
					On Location
					SAFETY MEETING
815	0		0 BBL	2.5	LOAD ANNULUS
837	500		87	.3	LOADED
846		0	0 BBL	2.5	START ACID ↓ TBNG
846		14	8	2.6	START BAUS
857		2450	24.1	.7	HOUS LOADED
		1130	26	3	RATE ESTABLISHED
905		1360	48	3.5	START FLUSH
911		1590	65	3.5	PUMPING FLUSH
914		1660	75	3.7	SHUT DOWN - LOS COMPRESS
		325			ISIP
					THANK YOU FOR CALLING
					SOUTHWEST ACID SERVICES
					DICK + LACOS



BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <i>Midwestern Exploration</i>		Lease No.		Date <i>6/7/12</i>	
Lease <i>Nix</i>		Well # <i>1-7</i>		Service Receipt	
Casing <i>5 1/2</i>	Depth <i>6800'</i>	County <i>Stevens</i>	State <i>KS</i>		
Job Type <i>L.S.</i>		Formation	Legal Description <i>7-35-35</i>		
Pipe Data			Perforating Data		Cement Data
Casing size <i>5 1/2</i>	Tubing Size	Shots/Ft		Lead <i>150 5.0</i>	
Depth <i>6928.45</i>	Depth	From	To	<i>AA-2 @ 14.8#</i>	
Volume <i>159.13</i>	Volume	From	To	<i>1.514 6.64 gal</i>	
Max Press <i>2500#</i>	Max Press	From	To	Tail-in <i>60/40 @ 13.5#</i>	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>R+M</i>	
Plug Depth	Packer Depth	From	To	<i>1.6 gal 8.81 gal</i>	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>14:00</i>					<i>on loc, 3rd tracks, R.O. Safety Mtg</i>
<i>18:26</i>	<i>2500</i>				<i>Test Lines</i>
<i>18:29</i>	<i>420</i>		<i>12</i>	<i>5</i>	<i>Pump Stop Work</i>
<i>18:34</i>	<i>400</i>		<i>5</i>	<i>5</i>	<i>1120 Spacer</i>
<i>18:35</i>	<i>420</i>		<i>0</i>	<i>5</i>	<i>Start Mixing @ 14.8#</i>
<i>18:46</i>	<i>0</i>		<i>110</i>		<i>Finished Mixing, Drop Plug, Washup</i>
<i>18:53</i>	<i>0</i>		<i>0.5</i>	<i>6.5</i>	<i>Start Disp.</i>
<i>19:17</i>	<i>350</i>		<i>150</i>	<i>3</i>	<i>Slow Rate</i>
<i>19:20</i>	<i>1200</i>		<i>159</i>		<i>Plug Down</i>
<i>19:21</i>					<i>Release for Heat held</i>
<i>20:00</i>					<i>Plug R+M</i>
<i>20:15</i>					<i>Job Complete</i>
Service Units	<i>19488</i>	<i>39223</i>	<i>37926</i>	<i>14354</i>	<i>19578</i>
Driver Names	<i>CHINE</i>	<i>R. Uels</i>	<i>S. Chavez</i>		

Bill Dugan
Customer Representative

Jerry Burnett
Station Manager

Charles Hipke
Cementer

Customer Midwestern Exp.	Lease No.	Date 7-6-12
Lease N.L.	Well # 1-7	
Field Order #	Station 1777	Casing 5 1/2
		Depth
Type Job 60 Q FOAM FRAC ZBZ	Formation CHESTER	County STEVENS
		State K1
		Legal Description 7-355-35W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
8 1/2							2600	
Depth 6590	Depth	From 6574	To 6590	Pre Pad ProFrac 2000	Max 15	3127	5 Min. 2100	
Volume 60.73	Volume	From	To	Rad 42000 gal 60Q	Min 7 1/2	1407	10 Min. 2050	
Max Press. 3500	Max Press	From	To	Frac 1789 gal	Avg 15	2200	15 Min. 2016	
Well Connection	Annulus Vol.	From	To	60G ProFrac 2000	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flysh 2630 gal 60Q	Gas Volume REL 200		Total Load	

Customer Representative B. T. Dorech	Station Manager JERRY BENNETT	Treater T. SEBA / J. Dorech
Service Units 71183 19876 30325 12945 70230 70192 70330 12978 70330	Driver Names TODD SETH HECHER SANTIAGO EVEL	JUAN

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:38					on loc
					Hold SAFETY MTG & Rig up tek's
8:26	4300				Prime p & PST TEST 6'78
8:33				7.5	START 12,000 gal PAO 1/2 RATE
8:35	1000		18		LOADED
8:38	1407		23	15	EST RATE
8:55	2338		114		START 3,500 gal 1" 20/40
9:00	2250		149		START 6,000 gal 1 1/2" 20/40
9:04	2160		177		1" 20/40 on Bottom
9:09	2210		210		START 6,000 gal 2" 20/40
9:09	2197		212		1 1/2" 20/40 on Bottom
9:17	2039		272		START 4,000 gal 2 1/2" 20/40
9:17	1982		273		2" 20/40 on Bottom
9:23	2010		314		START 3,000 gal 3" 16/30 RC
9:26	1966		335		2 1/2" 20/40 on Bottom
9:28	2011		356		START Flush
9:32	2257		377		3" 16/30 RC on Bottom
9:38	3127		419		SHUT DOWN
9:38	2600				ISIP
9:43	2100				5 min
9:48	2050				10 min
9:53	2016				15 min

ALLIED OIL & GAS SERVICES, LLC 053424

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Liberals

DATE <u>05-30-12</u>	SEC. <u>7</u>	TWP. <u>33</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 p.m.</u>	JOB FINISH <u>5:00 p.m.</u>
LEASE <u>Nix</u> WELL# <u>1-B</u> LOCATION <u>N.W. Liberals</u>						COUNTY <u>Stevens</u>	STATE <u>Ks.</u>
1980 FSL 660 FwL							
OLD OR (NEW) (Circle one)							

CONTRACTOR Duke
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1687 feet
 CASING SIZE 8 5/8 24 DEPTH 1687 feet
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 40 feet
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Mid western
 CEMENT
 AMOUNT ORDERED 400 sk "A" 3% CC, 2% S.M., 2% Gyp Seed, 1/4 fls seed, 150 sk "H", 2% CC, 2% Gcl
 COMMON 400' "A" @ 16.25 6,500.00
 POZMIX @ _____
 GEL 3 @ 21.25 63.75
 CHLORIDE 18 @ 58.20 1,047.60
 ASC @ _____
 CHP - Cass "H" Premium 150 @ 19.25 2,887.50
 NAMS - Sodium M.752# @ 3.00 2,256.00
 Gyp Seed 8 @ 34.20 273.60
 Fisi. 138# @ 2.70 372.60
 Strip Loss Spinner 42.0 @ 6.20 2,604.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 605.10 Cwt @ 2.25 1,361.48
 MILEAGE 547 km @ 2.35 1,287.10
 TOTAL 18,653.62

EQUIPMENT
 PUMP TRUCK CEMENTER Puben Chavez
 # 331/941 HELPER Cesar Pavia
 BULK TRUCK
 # 472/467 DRIVER Angel Tapia
 BULK TRUCK
 # 470/520 DRIVER Vicente Torres

REMARKS:
Pump 1000 Spacer ahead, Mix & pump 550 sk cement and displace it with 1047.60 at 900 PSI To land plug.
Thank you

SERVICE
 DEPTH OF JOB 1687 feet
 PUMP TRUCK CHARGE 1925.00
 EXTRA FOOTAGE @ _____
 MILEAGE heavy bid 20 @ 7.00 140.00
 MANIFOLD high bid 20 @ 4.00 80.00
 C.M.H.M. @ 2.00 200.00
 _____ @ _____
 TOTAL 2345.00

CHARGE TO: Mid Western
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
8 5/8
 Guide Shoe 1 @ 394.00 394.00
 AFU Float Valve 1 @ 382 382.00
 Centralizer 3 @ 64.00 192.00
 Cement basket 1 @ 478.00 478.00
 Top R. plug 1 @ 112 112.00
 TOTAL 1558.00

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer 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.

SALES TAX (If Any) _____
 TOTAL CHARGES 22,556.62
 DISCOUNT \$14,661.80 IF PAID IN 30 DAYS

PRINTED NAME Billy Daugherty
 SIGNATURE Billy Daugherty

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/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 07, 2012

Dale J. Lollar, President
Midwestern Exploration Company
3500 S BOULEVARD STE 2B
EDMOND, OK 73013-5487

Re: ACO1
API 15-189-22780-00-00
Nix 1-7
SW/4 Sec.07-35S-35W
Stevens 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,
Dale J. Lollar, President