

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division 1208040

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 #	API No. 15					
Name:	Spot Description:					
Address 1:	SecTwpS. R 🗌 East 🗌 West					
Address 2:	Feet from North / South Line of Section					
City: State: Zip: +	Feet from _ East / _ West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □SE □SW					
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
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:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt.					
□ Deepening □ Re-perf. □ Conv. to ENHR □ Conv. to SWD □ Plug Back □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)					
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used:					
Dual Completion Permit #:						
SWD Permit #:	Location of fluid disposal if hauled offsite:					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or Recompletion Date	QuarterSec. TwpS. 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 Approved by: Date:

Page Two



Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottom								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	O'Brien Resources, LLC
Well Name	Myers 12 1
Doc ID	1208040

All Electric Logs Run

Dual Induction
Triple Combo Composite
Borehole Profile
Compensated Density/Neutron PE
Micro
Sonic



DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

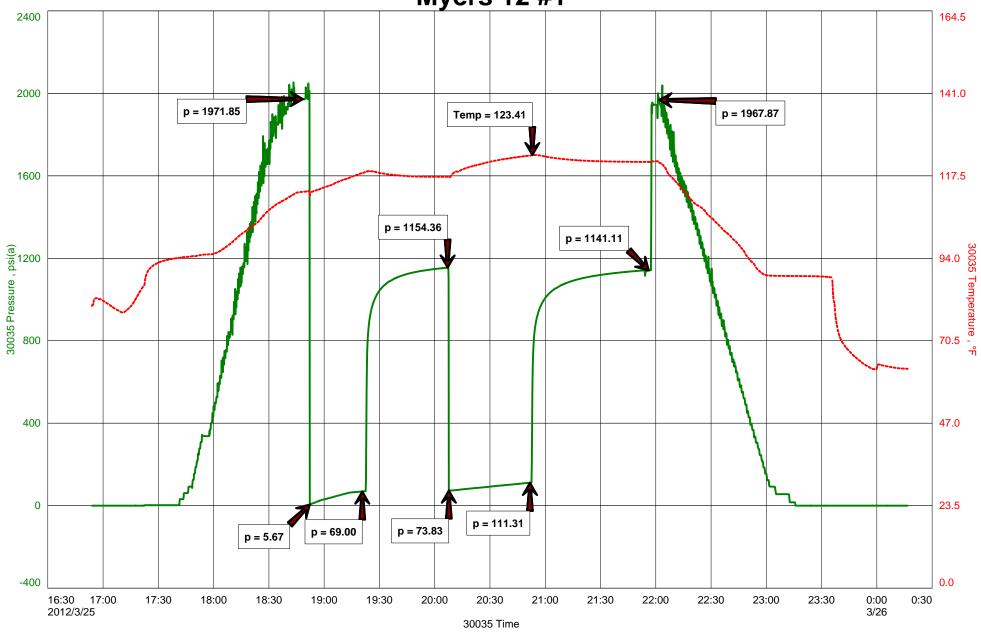
O'Brien Resources LLC DST #1 Lansing Upper 4037-4100' Start Test Date: 2012/03/25

Final Test Date: 2012/03/26

Myers 12 #1 Formation: DST #1 Lansing Upper 4037-4100' Pool: Wildcat

Job Number: S0114





Diamond **Testing**

General information Report

General Information

Company Name O'Brien Resources LLC

Contact Steve Harris **Well Name** Myers 12 #1 **Unique Well ID** DST #1 Lansing Upper 4037-4100' Representative Surface Location

Well License Number

Wildcat Field **Well Type** Vertical

Job Number Report Date

S0114 Jacob McCallie SEC 12-10S-33W Logan County Well Operator O'Brien Resources LLC 2012/03/25

Prepared By Jacob McCallie

Drill Stem Test Test Type

Formation DST #1 Lansing Upper 4037-4100' **Well Fluid Type**

06 Water Start Test Time 16:54:00 **Final Test Time** 00:18:00

2012/03/25 **Start Test Date** 2012/03/26 **Final Test Date**

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

75% WTR 25% MUD 225' Muddy WTR 225' **TOTAL FLUID**

Ph: 8

RW: .33 @ 60 degrees F Chlorides: 29,000 ppm

TOOL SAMPLE:

99% WTR 1% MUD



DRILL-STEM TEST TICKET

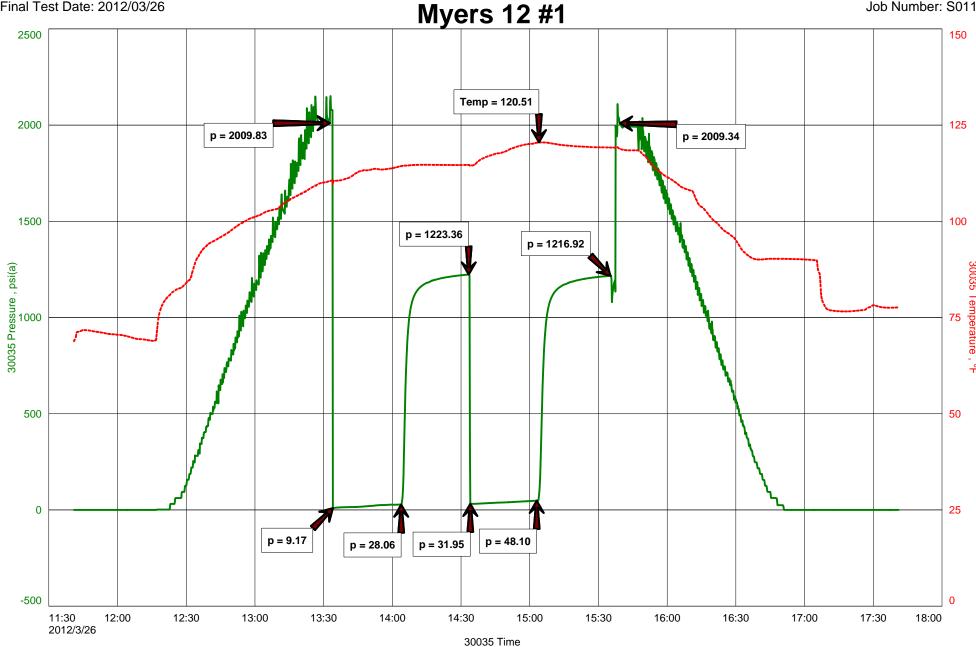
IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resourses LLC DST#2 Lansing "H" 4182-4220' Start Test Date: 2012/03/26 Final Test Date: 2012/03/26

Myers 12 #1 Formation: DST#2 Lansing "H" 4182-4220' Pool: Wildcat

Job Number: S0115



Diamond Testing

General information Report

S0115

Jacob McCallie

General Information

Company Name O'Brien Resourses LLC

Contact

Well Name

Myers 12 #1

Unique Well ID

DST#2 Lansing "H" 4182-4220'

Surface Location

SEC 12-10S-33W Thomas County

Well Operator

O

Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resourses LLC
Well License Number Report Date 2012/03/26

Field Wildcat Prepared By Jacob McCallie Well Type Vertical

Test Type Drill Stem Test

Formation DST#2 Lansing "H" 4182-4220'
Well Fluid Type 01 Oil Start Test Time 11:41:00

Final Test Time 17:41:00

Start Test Date 2012/03/26 Final Test Date 2012/03/26

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

72' Watery Mud 40% WTR 60% MUD 72' TOTAL FLUID

PH: 8

RW: .24 @ 82 degrees F Chlorides: 31,000 ppm

TOOL SAMPLE:

1% OIL 55% WTR 44% MUD



DRILL-STEM TEST TICKET

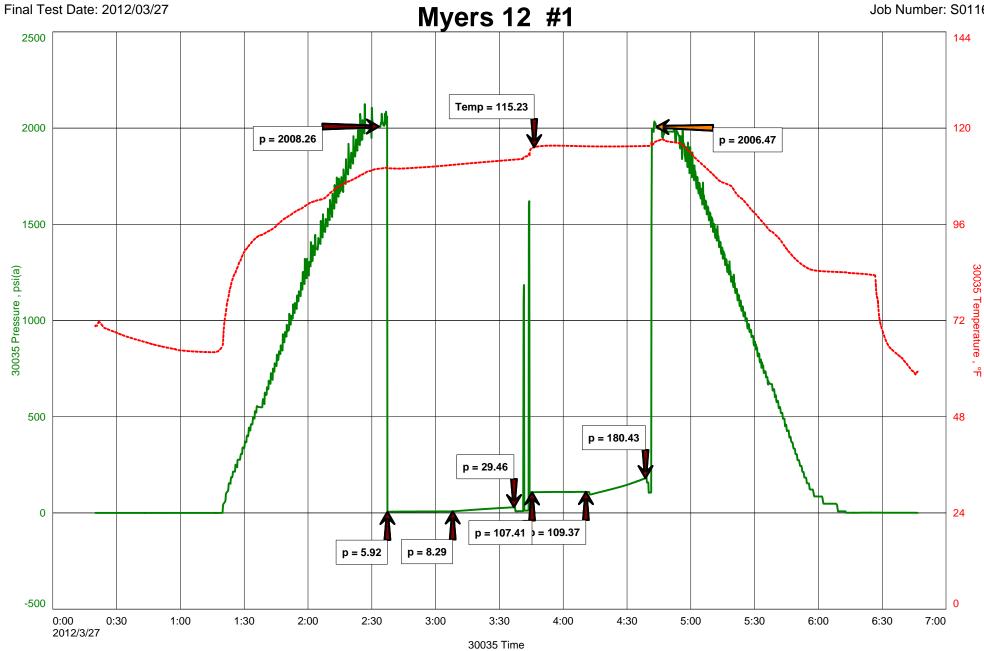
IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resources LLC DST #3 Lansing "I" 4219-4246' Start Test Date: 2012/03/27

Myers 12 #1 Formation: DST #3 Lansing "I" 4219-4246' Pool: Wildcat

Job Number: S0116



Diamond Testing

General information Report

General Information

Company Name O'Brien Resources LLC

Contact

Well Name

Myers 12 #1
Unique Well ID
Surface Location
Well License Number

Steve Harris
Myers 12 #1
Job Number
Sol116
Representative
Well Operator
Report Date

Steve Harris
Well Sol116
Sol116
Representative
Well Operator
Report Date

Sol116
Representative
Well Operator
Report Date

Field Wildcat Prepared By Jacob McCallie Well Type Vertical

Test Type Drill Stem Test Formation DST #3 Lansing "I" 4219-4246'

Well Fluid Type 01 Oil Start Test Time 00:20:00

Final Test Time 06:48:00

Start Test Date 2012/03/27 Final Test Date 2012/03/27

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

201' MUD 100% MUD

201' TOTAL FLUID

TOOL SAMPLE: 100% MUD



DRILL-STEM TEST TICKET

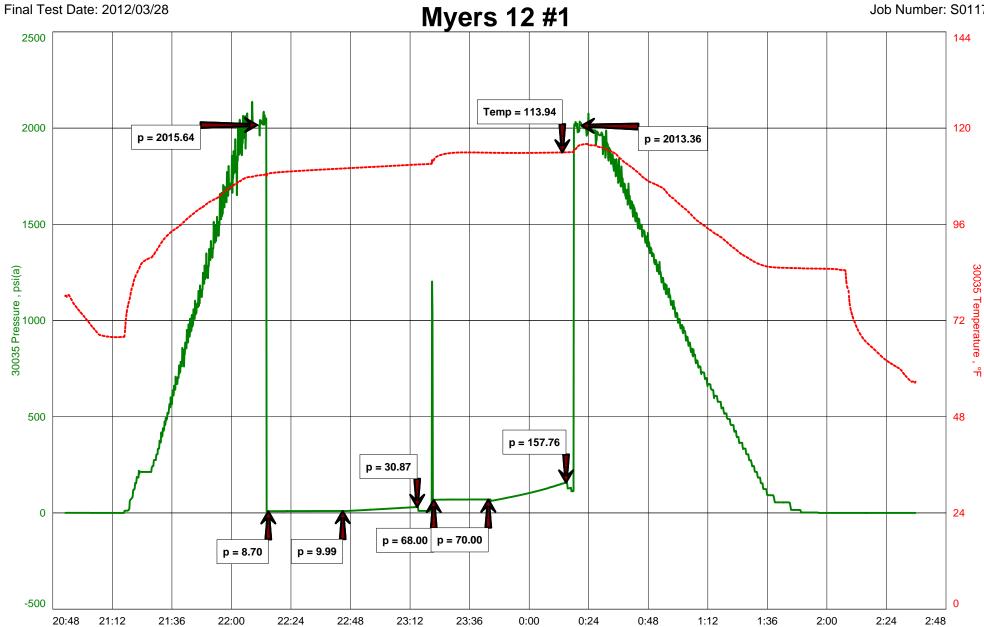
IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resources LLC DST #4 Lansing "I-J" 4219-4270' Start Test Date: 2012/03/27

Myers 12 #1 Formation: DST #4 Lansing "I-J" 4219-4270' Pool: Wildcat

Job Number: S0117



3/28

30035 Time

2012/3/27

Diamond **Testing**

General information Report

General Information

Company Name O'Brien Resources LLC

Contact **Steve Harris Well Name** Myers 12 #1 Job Number

DST #4 Lansing "I-J" 4219-4270' Representative **Unique Well ID** Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resources LLC

Well License Number

Field **Well Type** Vertical Report Date

S0117 **Jacob McCallie** 2012/03/28

Wildcat Prepared By **Jacob McCallie**

Drill Stem Test Test Type

Formation DST #4 Lansing "I-J" 4219-4270' **Well Fluid Type**

01 Oil Start Test Time **Final Test Time**

20:53:00 02:37:00

2012/03/27 **Start Test Date Final Test Date** 2012/03/28

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

128' MUD 100% MUD

TOTAL FLUID 128'

TOOL SAMPLE: 100% MUD



DRILL-STEM TEST TICKET

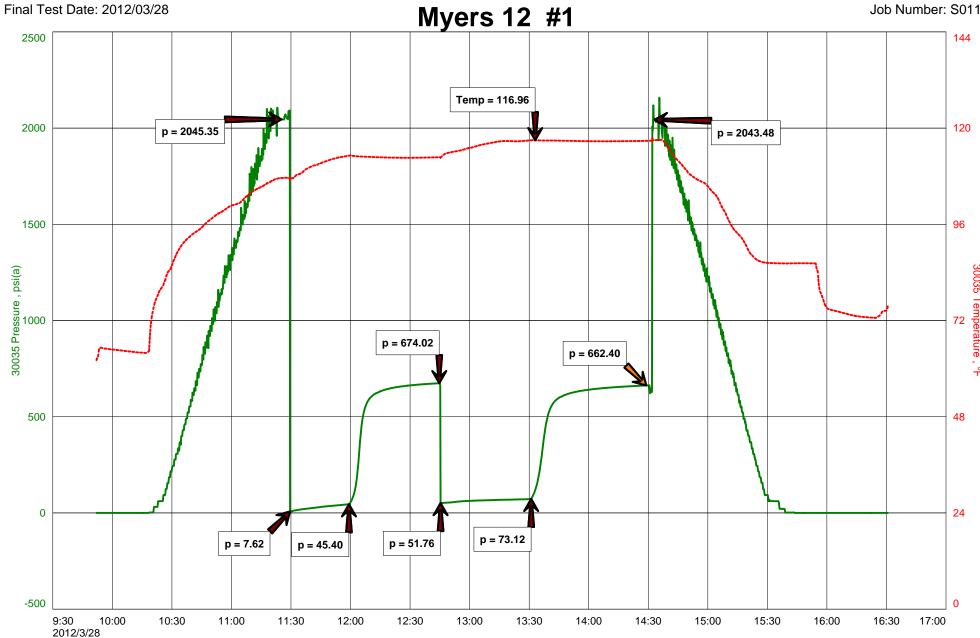
IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resources LLC DST #5 Lansing 200' 4267-4300' Start Test Date: 2012/03/28

Myers 12 #1 Formation: DST #5 Lansing 200' 4267-4300' Pool: Wildcat

Job Number: S0118



30035 Time

Diamond Testing

General information Report

General Information

Company Name O'Brien Resources LLC

Contact Steve Harris
Well Name Myers 12 #1 Job Number

Well Name Myers 12 #1 Job Number S0118
Unique Well ID DST #5 Lansing 200' 4267-4300' Representative Jacob McCallie
Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resources LLC

Well License Number Report Date 2012/03/28

Field Wildcat Prepared By Jacob McCallie Well Type Vertical

Test Type Drill Stem Test

Formation DST #5 Lansing 200' 4267-4300'

Well Fluid Type 06 Water Start Test Time 09:52:00

Final Test Time 16:31:00 tart Test Date 2012/03/28

Start Test Date 2012/03/28 Final Test Date 2012/03/28

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

15' CO 100% CO GRAVITY: 35 @ 60 degrees F

129' Gas/WTR Cut Oily MUD 8% GAS 10% OIL 8% WTR 74% MUD

144' TOTAL FLUID

TOOL SAMPLE:

30% OIL 10% WTR 60% MUD



DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket No	D	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8i</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft. I	l.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft. ^	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FH i
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in l	Bottom Ch	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								fa .
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Temperat	ure	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resources LLC DST #6 Altamont 4401-4455' Start Test Date: 2012/03/29

0

-500

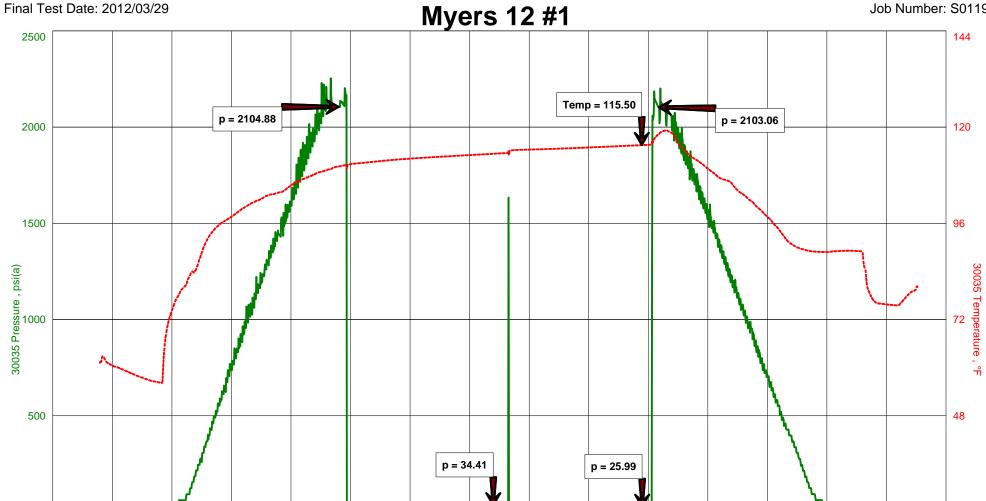
8:00

2012/3/29

8:24

Myers 12 #1 Formation: DST #6 Altamont 4401-4455'

Pool: Wildcat Job Number: S0119



p = 23.50

11:12

11:36

12:00

12:24

p = 23.34

10:48

30035 Time

p = 14.62

10:24

p = 8.33

9:36

10:00

24

0

14:00

13:36

13:12

12:48

8:48

9:12

Diamond **Testing**

General information Report

General Information

Company Name O'Brien Resources LLC

Contact **Steve Harris Well Name** Myers 12 #1 Job Number

DST #6 Altamont 4401-4455' Representative Unique Well ID Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resources LLC

Well License Number

Wildcat Prepared By Field

Report Date

S0119 **Jacob McCallie** 2012/03/29

Jacob McCallie

Well Type Vertical

Drill Stem Test Test Type

Formation DST #6 Altamont 4401-4455' **Well Fluid Type**

01 Oil Start Test Time **Final Test Time** 08:19:00 13:49:00

2012/03/29 **Start Test Date** 2012/03/29 **Final Test Date**

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

100% MUD 15' MUD

TOTAL FLUID 15'

TOOL SAMPLE: 100% MUD



DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

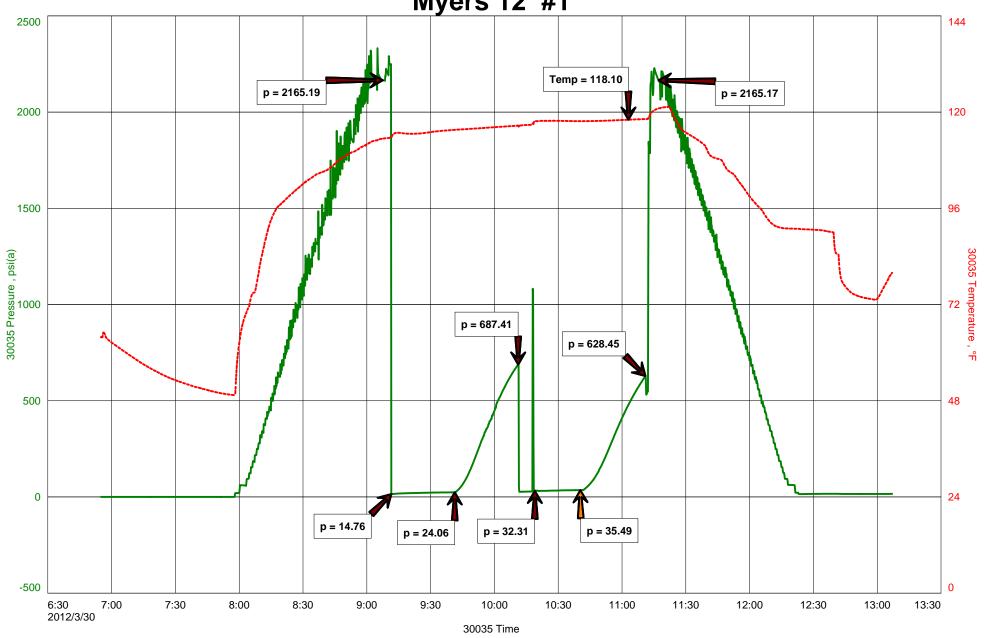
Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket N	0	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft.	I.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft.	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FHi
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in.	Bottom Cl	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								- 61
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Tempera	ture	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

Final Test Date: 2012/03/30

Formation: DST #7 Pawnee, Ft. Scott, Cherokee, Johnson 4462-4618'

Pool: Wildcat Job Number: S0120





Diamond Testing

General information Report

General Information

Company Name O'Brien Resources LLC

Contact Steve Harris
Well Name Myers 12 #1 Job Number

Well Name Myers 12 #1 Job Number S0120
Unique Well ID DST #7 Pawnee, Ft. Scott, Cherokee, Johnson 4462-4618' Representative Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resources LLC

Well License Number SEC 12-105-33W Thomas County Well Operator O Brief Resources LEC Report Date 2012/03/30

Field Wildcat Prepared By Jacob McCallie Well Type

Test Type Drill Stem Test

Formation DST #7 Pawnee, Ft. Scott, Cherokee, Johnson 4462-4618'
Well Fluid Type 01 Oil Start Test Time 06:55:00

Final Test Time 13:08:00

 Start Test Date
 2012/03/30

 Final Test Date
 2012/03/30

Gauge Name 30035

Gauge Serial Number

Test Results

RECOVERED:

58' Oil Cut Mud 3% OIL 97% MUD

58' TOTAL FLUID

TOOL SAMPLE:

7% OIL 93% MUD



DRILL-STEM TEST TICKET

IME ON:	
IME OFF:	

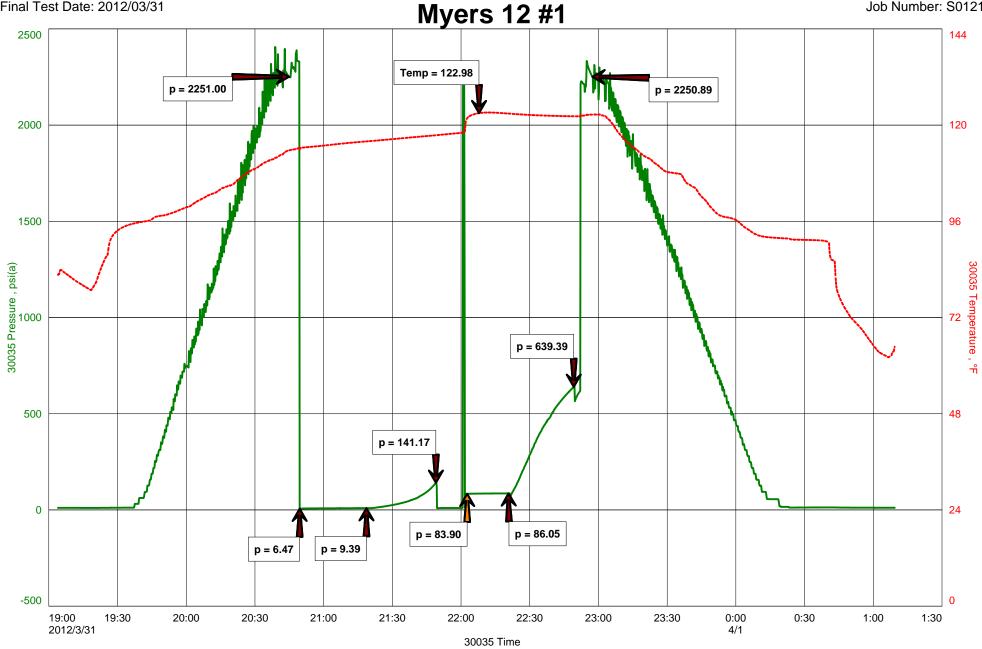
Company			Lease & Well No					
Contractor								
Elevation	Formation		_Effective Pay		Ft.	Ticket N	0	
DateSec	Twp	S Ra	nge	_W County			State_	KANSAS
Test Approved By			Diamond Representative	e				
Formation Test No	Interval Tested from		ft. to	ft. To	tal Dept	th		ft.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Packer Depth	ft. Size6 3/4	_ in.	Packer depth		ft.	Size6	3/4	in.
Depth of Selective Zone Set_								
Top Recorder Depth (Inside)		ft.	Recorder Number		Cap.			_P.S.I.
Bottom Recorder Depth (Out	side)	ft.	Recorder Number		Cap			P.S.I.
Below Straddle Recorder De	pth	ft.	Recorder Number		Сар.			_ P.S.I.
Mud Type	Viscosity		Drill Collar Length		ft.	.D	2 1/4	4 in
Weight	Water Loss	cc.	Weight Pipe Length_		ft.	I.D	2 7/8	<u>8</u> i
Chlorides	F	P.P.M.	Drill Pipe Length		ft.	I.D	3 1/2	2 ir
Jars: MakeSTERLING	Serial Number		Test Tool Length		ft.	Tool Size	3 1/2	2-IF ir
Did Well Flow?	Reversed Out		Anchor Length		ft.	Size	4 1/2	2-FHi
Main Hole Size 7 7/8	Tool Joint Size4 1/2	in.	Surface Choke Size_	1	in.	Bottom Cl	noke Siz	e_5/8_i
Blow: 1st Open:								
2nd Open:								- 61
Recoveredft. of								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _								
Recoveredft. of _					Price	Job		
Recoveredft. of _					Other	Charges		
Remarks:					Insura	ance		
	A 14				Total			
Time Set Packer(s)	A.M. P.M. Time Sta	rted Off Bot	tom	A.M. P.M. Ma	ximum	Tempera	ture	
Initial Hydrostatic Pressure			(A)	P.S.I.				
Initial Flow Period	Minutes		(B)	P.S.I. t	o (C)		F	P.S.I.
Initial Closed In Period	Minutes		(D)	P.S.I.				
Final Flow Period	Minutes		(E)	P.S.I. to	o (F)		P	.S.I.
Final Closed In Period	Minutes		(G)	P.S.I.				
Final Hydrostatic Pressure			(H)	P.S.I.				

O'Brien Resources LLC DST #8 Morrow Sand 4626-4643'

Start Test Date: 2012/03/30 Final Test Date: 2012/03/31



Job Number: S0121



Diamond **Testing**

General information Report

S0121

General Information

Company Name O'Brien Resources LLC

Contact **Steve Harris Well Name** Myers 12 #1 Job Number

DST #8 Morrow Sand 4626-4643' Representative **Unique Well ID**

Surface Location SEC 12-10S-33W Thomas County Well Operator O'Brien Resources LLC

Well License Number

Field **Well Type** Vertical

Jacob McCallie Report Date

2012/03/31 **Jacob McCallie**

Wildcat Prepared By

Drill Stem Test Test Type

Formation DST #8 Morrow Sand 4626-4643' **Well Fluid Type**

01 Oil Start Test Time 19:04:00 **Final Test Time** 01:10:00

2012/03/30 **Start Test Date** 2012/03/31 **Final Test Date**

Gauge Name 30035

Gauge Serial Number

Test Results

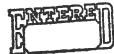
RECOVERED:

100% MUD 154' MUD

TOTAL FLUID 154'

TOOL SAMPLE: 100% MUD





KET NUM	BER	34455
LOCATION		Kler Ks
FOREMAN	Wa	H Druke (

FIELD TICKET & TREATMENT REPORT

20-431-9210	or 800-467-8676	 i		CEMEN	Τ			COLINEY
DATE	CUSTOMER#		L NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
4-1-12	5950	Moxe	ers 12	# (12	<u>اک</u> ح	33"	Thomas
USTOMER	· 0			Oakley	TRUCK #	DRIVER	TRUCK#	DRIVER
IAILING ADDRI	rich Re	Sources		5N	456-7718	miles S	lead	
IAILING ADDIN				5W	464-T129	Cody	Roots	
ITY		STATE	ZIP CODE	15	.528-T127	1	Cı	
•••				'b€	-7-20-(7-27			
OR TYPE D	od	HOLE SIZE	8310	→ HOLE DEPTI	4750	CASING SIZE & W	/EIGHT4/6	? -
ASING DEPTH	2630	DRILL PIPE		TUBING			OTHER	
LURRY WEIGI	<u>т 12.5</u>	SLURRY VOL		WATER gal/s	sk	CEMENT LEFT in		,45
	_ /114	DIODI ACCMEN	IT DO	ARIY DOI		RATE /9 DP	u	
EMARKS:	Sa Fet Ma	entin .	ic 110 16	12-W#	if , circ c	esing on b	attam, set	Busket-
Slane	circ -30	min.						
		DII	Pump 50	o gal	Mud Flosh		- de-	/ 5/
mix	800-SK	694000	2.8% 601	14# 17	o-Soci, Cla	or Kumpt	Ciuns, rel	ense Plus
DISP	lace 40.	- BAL H	0280	0 # 1	Sect, Clar	500 th, rel	ocse Pros	Sum
Flori	F Hold,							
		Ce	mont D					
			Approx "	40 BBL +	27	-11 1	1/ 1	
						- lacut	Yes l	
							UNIT PRICE	TOTAL
ACCOUNT	QUANIT	Y or UNITS		ESCRIPTION	of SERVICES or PR			
5401 P	1		PUMP CHAR	GE			2,70000	2,70000
5406	17	Y:	MILEAGE				500	50°C
1131	80		69/40	002			1.5-10	12,08000
111813	5.50	44-	Gol				125	1,37600
1107	200		Flow	-Seel			2 82	56400
5407A	34,				Delivery	·	167	57450
4254	1			cot she			1,15000	1,150 00
4453	1		Liter	· Down	Plus asky	, <u> </u>	27600	27600
4129	17	7		ra 1120			4600	32200
				Flush			100	50000
11446	50	no gal	WILUA/	1-1.054	-			
	+							
								19,5925
	+				Loss 10%	4 Desc	-	- 1959 25
					-433 - (4 7			17.6332
				2	48 790		SALES TAX	
Ravin 3737					. V. I. I W.		ESTIMATED TOTAL	18702.06
		, , , , , , , , , , , , , , , , , , ,	2.//					10100.00
AUTHORIZTI	ON	1//	<u>//-</u>	TITLE			DATE	

ALLIED CEMENTING CO., LLC. 235258

Federal Tax I.D.# 20-5975804

TTO P.O. BOX 31 SERVICE POINT RUSSELL, KANSAS 67665 Oakl RANGE 3 CALLED OUT ON LOCATION DATE 3-2/-COUNTY LOCATION Ook OLD OR NEW (Circle one) CONTRACTOR OWNER TYPE OF JOB 302 **HOLE SIZE** CEMENT **CASING SIZE** DEPTH AMOUNT ORDERED 270 563 com TUBING SIZE **DEPTH** 39/100 29/10 P DRILL PIPE DËPTH TOOL DEPTH PRES. MAX MINIMUM COMMON 220 MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG GEL PERFS. " * * CHLORIDE 10 555 DISPLACEMENT **EQUIPMENT** ര ര **PUMP TRUCK** CEMENTER @ 423-281 HELPER @ Jerry **BULK TRUCK** @ #39/ DRIVER **BULK TRUCK** DRIVER @ HANDLING 255 56 MILEAGE 1/4 SE REMARKS: TOTAL 6/24/55 SERVICE ement DEPTH OF JOB PUMP TRUCK CHARGE **EXTRA FOOTAGE** MILEAGE 13 mile @ 4/20 :HARGE TO: _ TREET 'ITY PLUG & FLOAT EQUIPMENT @ o Allied Cementing Co., LLC: @ ou are hereby requested to rent cementing equipment @ nd furnish cementer and helper(s) to assist owner or ontractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or ontractor. I have read and understand the "GENERAL ERMS AND CONDITIONS" listed on the reverse side. ... SALES TAX (If Any) TOTAL CHARGES 0 DISCOUNT IF PAID IN 30 DAYS