



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1078725
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: _____

1078725

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: 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

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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Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Staats 2
Doc ID	1078725

Tops

Name	Top	Datum
Topeka	3375	-1402
Heebner	3749	-1776
Toronto	3766	-1793
Brown Lm	3919	-1946
Lansing	3934	-1961
Marmaton	4333	-2360
Viola	4369	-2396
Simpson Shale	4394	-2421
Arbuckle	4411	-2438

James C. Musgrove
 Petroleum Geologist
 Home (820) 587-3444
 Office (820) 583-5106
 211 Main St., P.O. Box 215 • Clinch, MO 67525

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Mai Oil Operations, Inc
 LEASE Staats #2
 FIELD Clara
 LOCATION 725' FWL 990' FEL
 SEC. 2 TWP. 30S RGE. 14W
 COUNTY Barber STATE KS
 CONTRACTOR Southernwind Rig #70
 SPUD 1-3-2012 COMP. 1-13-2012
 RTD 4585 LTD. 4580
 MUD UP 3300 TYPE MUD Chemical Displaced
 SURFACE CASING 1380 5/8"
 PRODUCTION 5/2 @
 ELECTRICAL SURVEYS By Superior DITJ
 CDL GNL, P₂, SONIC, MEL.

FORMATION TOPS	LOG	SAMPLES
Topeka	3375 - 1402	RTD 4585 - 2612
Hebner	3749 - 1776	LTD 4580 - 2607
Toronto	5766 - 1793	
Douglas	3788 - 1815	
Brown Lime	3919 - 1946	
Mansing	3934 - 1961	
Base Kansas City	4305 - 2332	
Marmaton	4333 - 2360	
Viola	4369 - 2396	
Simpson Shale	4394 - 2421	
Arbuckle	4411 - 2438	

SAMPLES SAVED FROM 3400 TO RTD
 DRILLING TIME KEPT FROM 3400 TO RTD
 SAMPLES EXAMINED FROM 3400 TO RTD
 GEOLOGICAL SUPERVISION FROM 3600 TO RTD
 GEOLOGIST ON WELL Kurt Talbott

3 1/2" production casing was set and cemented.
 Repeatedly submitted.
 Kurt Talbott
 Petroleum Geologist

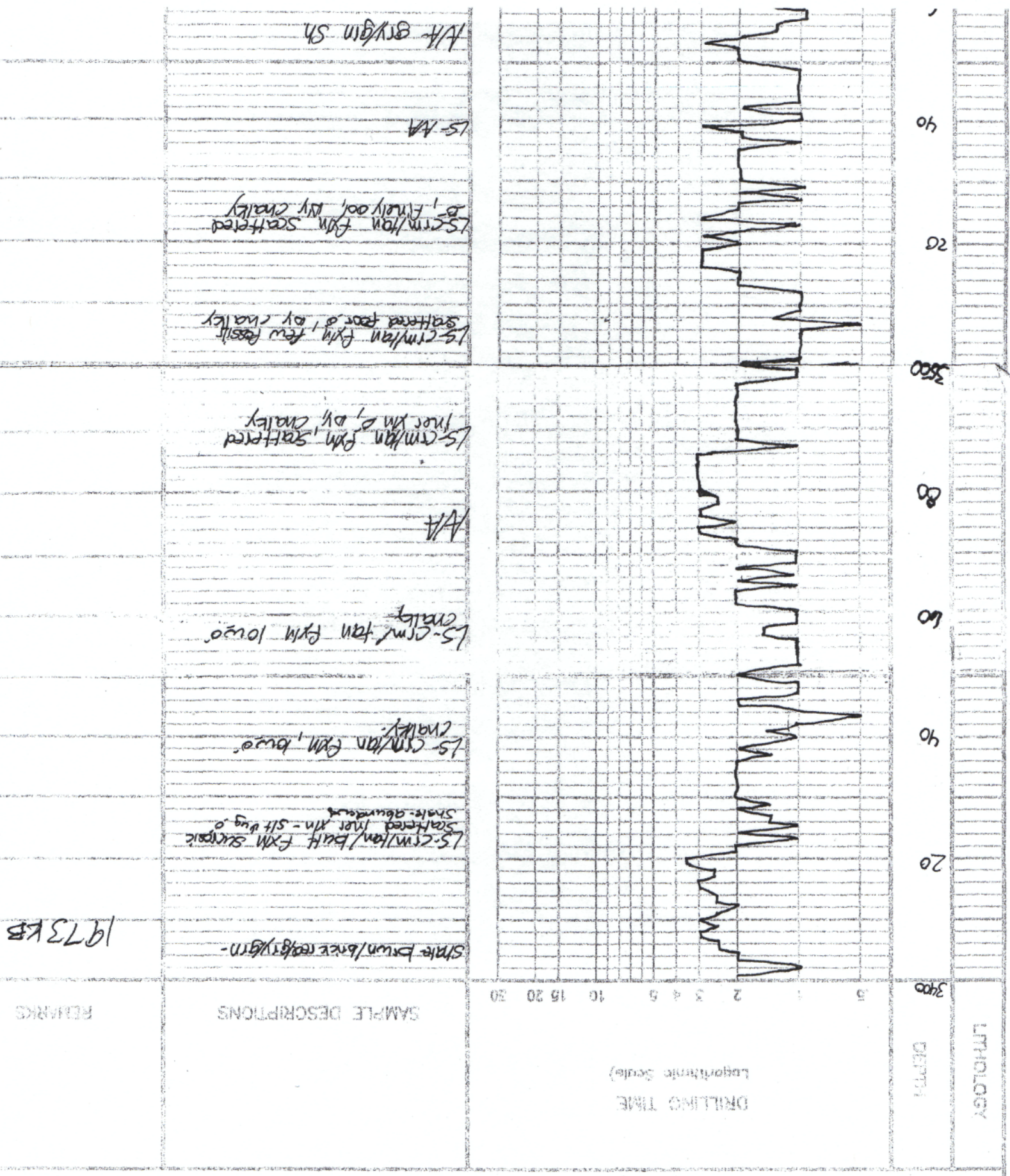
LEGEND

	Sandstone
	Soft
	Siltstone
	Shale
	Carbonate
	Limestone
	Dolomite
	Chert
	Diatomite

REMARKS

LOG 7702

7505



LEGEND

	Anthracite
	Soft
	Sandstone
	Shale
	Carb. sh.
	Limestone
	Dolomite
	Chert
	Dolomite

15-AA

1/4 Br/gm sh

LS-cm/ltan fgm, low o.
cherty, fusulines.

LS-cm/ltan fgm, low o.
dy, drcky

LS-cm/ltan low o' cherty

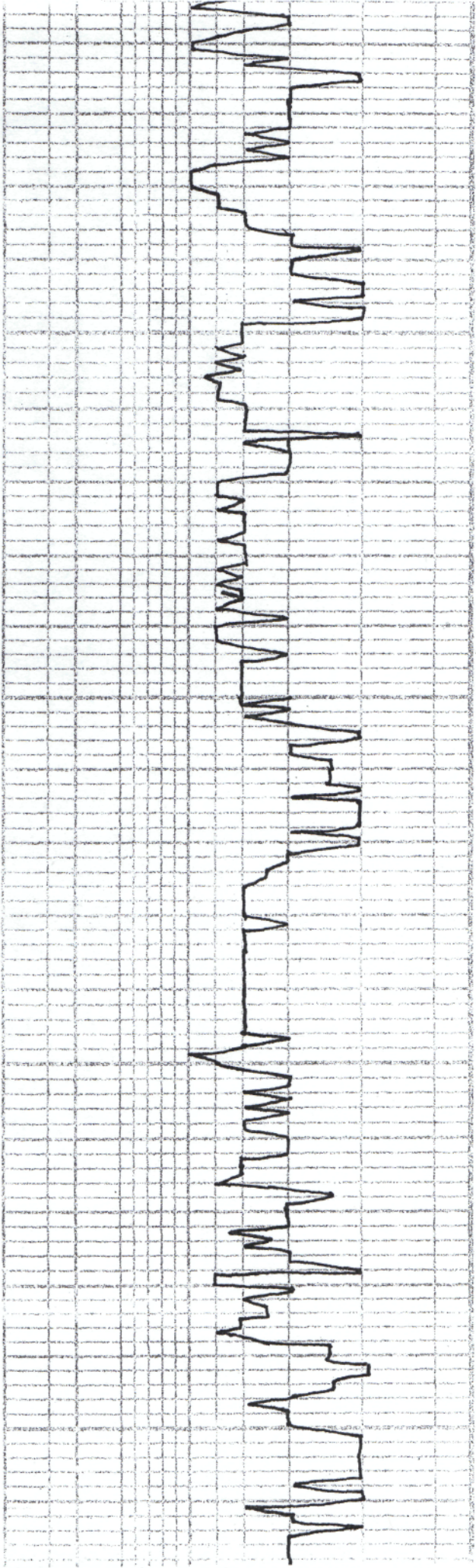
LS-cm/ltan fgm, low o.
cherty, shale-gly/blun.

LS-cm/ltan fgm, low o.

LS-cm/ltan/ltan fgm, low
vis o' cherty

LS-cm/ltan fgm, sh/ltan
cherty, low fossils,
poor weathered o

Shale-gly/gm/ltan



40

20

3700

80

60

40

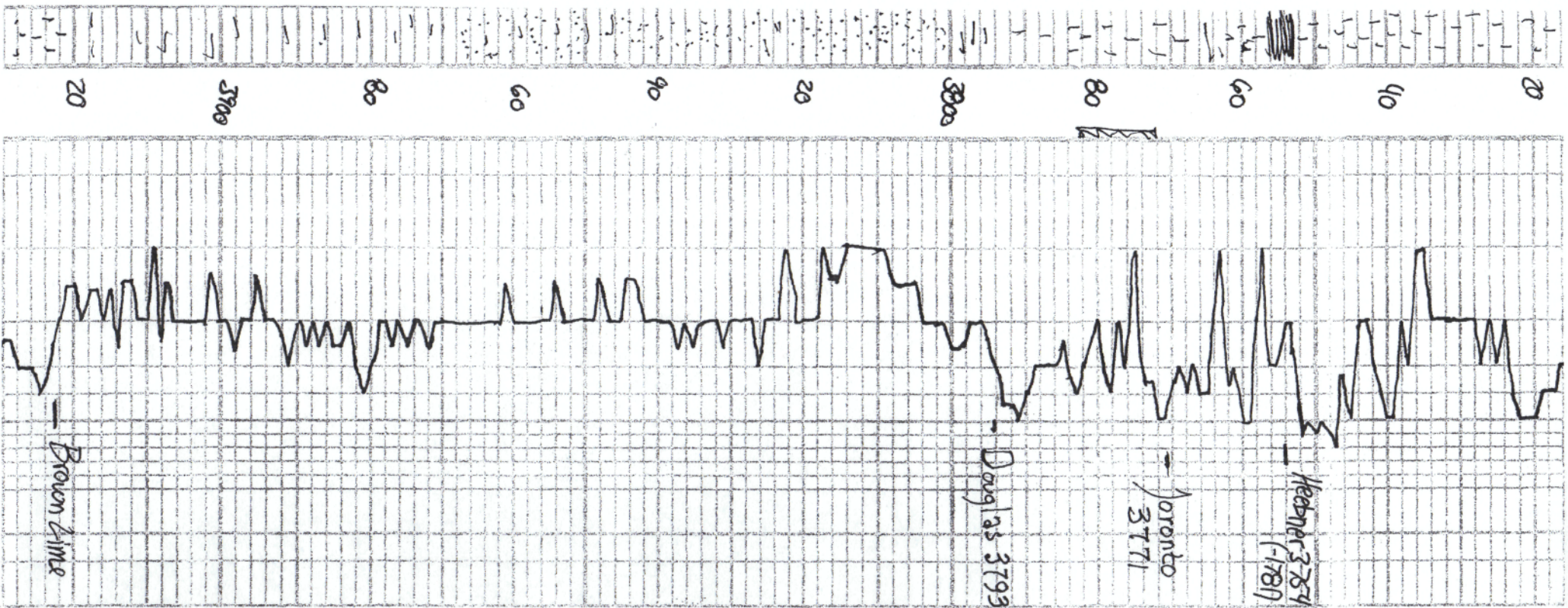
20

3000

80

60

40



Shale - gray/gm/ble

Blk carbon shale

LS gray/blk with oil, scattered
harder, cherty

LS gray/blk fine cherty
scattered ~~for~~

Shale - gray/silky mica

Sand - w/ gray mica in part
no odor - ~~the~~ ~~is~~ ~~rich~~

Sand - gray/col of less ~~the~~ ~~green~~
mica, siliceous, mostly well cemented

Sand - AA
Shale - gray/gm - silty

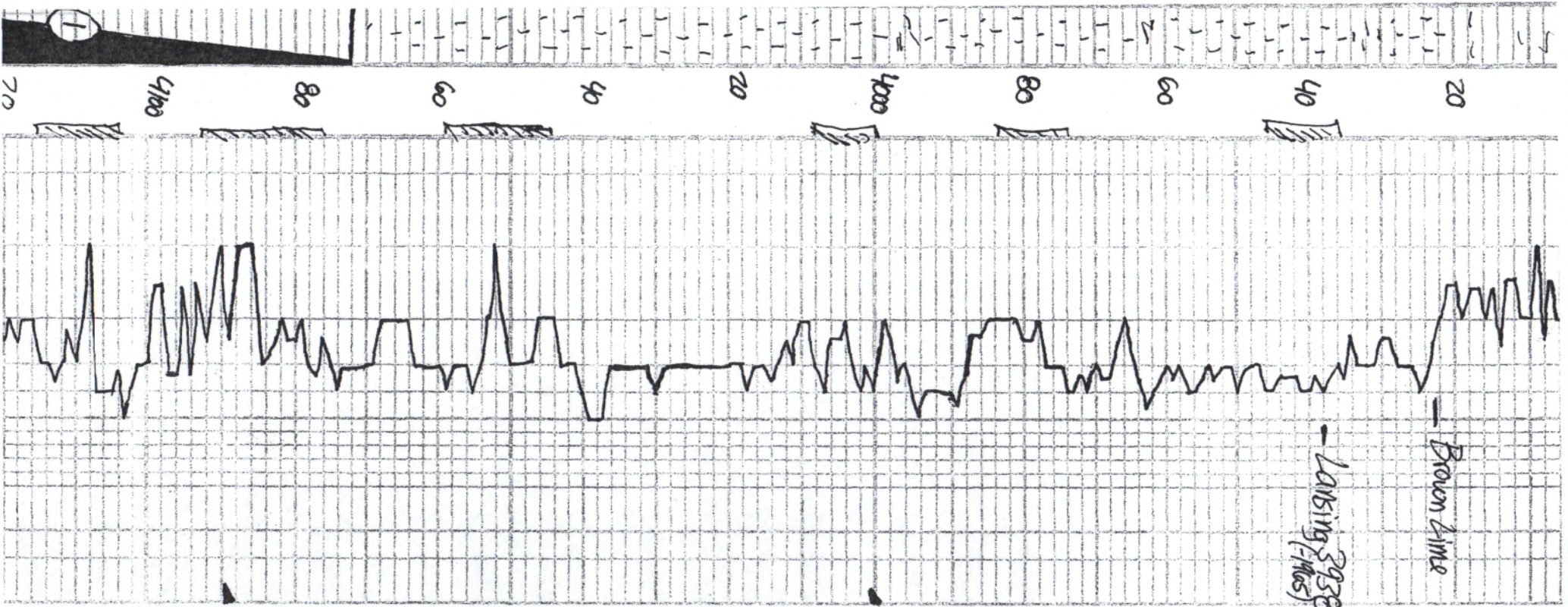
Sand & Shale - AA

Shale - gray/gm/ble

Shale - gray/ble silty mica
few gray w/ig sand - mica

AA - more cherty of SS -

1. C. ~~and~~ ~~also~~ ~~Ad~~ ~~and~~ ~~down~~



Fine gr. lit. sand - 1 mi. S.

A/A - more clusters of SS-

L5 - cm/fin/buff fm dense low vis. dy

L5 - cm/buff fm low frag mnt. slightly chalky

A/A dy

L5 - cm/fin/buff fm med. dense low vis. dy chalky

L5 - cm/fin buff fm fossiliferous. Fossiliferous. Fossiliferous. Fossiliferous.

L5 - cm/fin/buff fm dense low vis. dy bluish

L5 - cm/fin/buff fm med. dense low vis. dy

L5 - cm/fin/buff fm med. dense low vis. dy

A/A - thin buff

L5 - cm/fin/buff fm dense low vis. dy chalky

L5 - cm/buff dy fm dense low vis. dy Fodor

L5 - cm/fin buff fm poor scattered chalky dy

L5 - cm/fin/buff fm dense low vis. dy, chalky dy Fodor.

L5 - cm/fin buff fm dense low vis. dy Fodor

L5 - cm/fin buff fm dense low vis. dy Fodor

L5 - cm/fin/buff fm abnormally buff vis. dy chalky

DST #1 4072-41

30-45-45-60

Blue Strong BOB

Recovery!

3490' GIP

200' GOCM

168 gals. 78 oil. 778 H

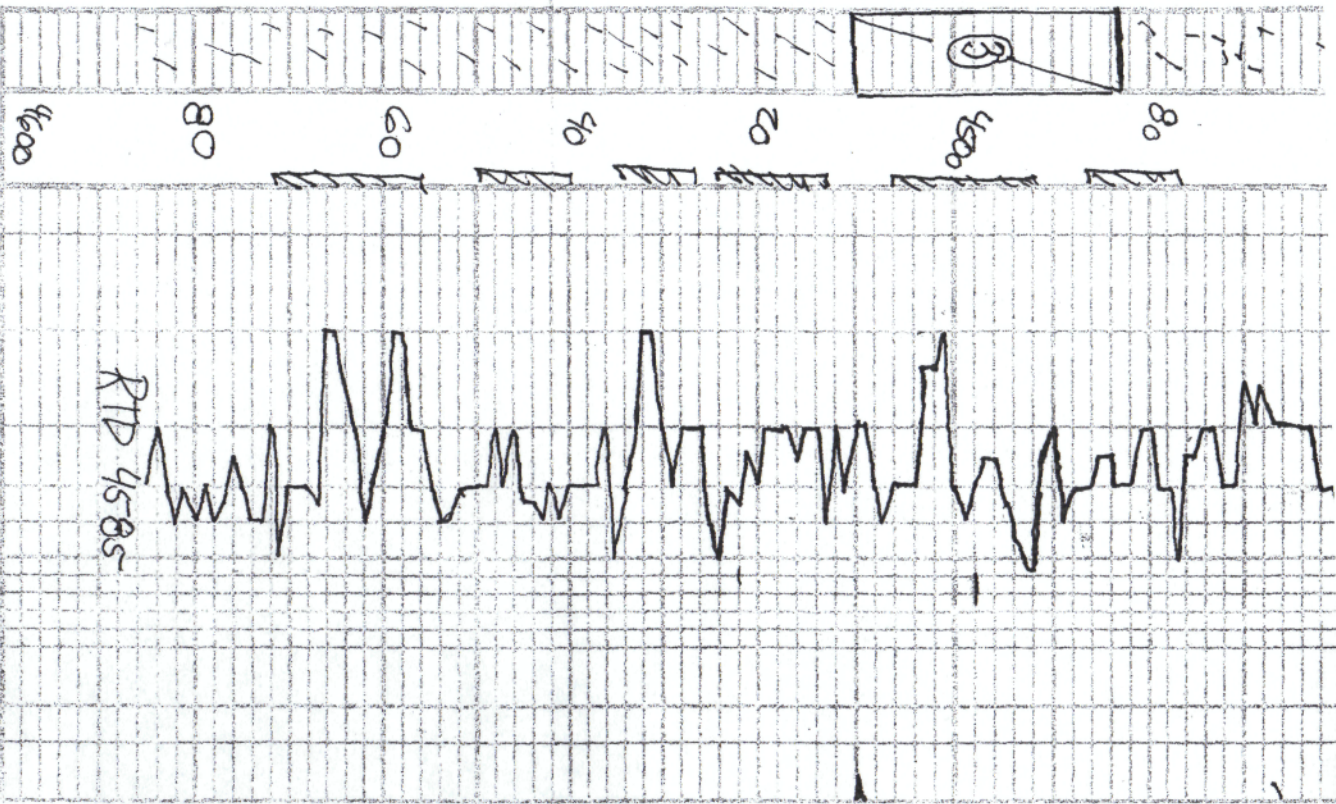
Pressure: ISIP - 91C

ISIP - 927

IFP - 40-75

IFP - 70-10

HSR - R44-1



10' = 100' D = 1000' / 100' = 10

Pol-100' / 100' = 100' / 100' = 100'

Pol-100' / 100' = 100' / 100' = 100'

Pol-100' / 100' = 100' / 100' = 100'

Pol-100' / 100' = 100' / 100' = 100'

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Pol-100' / 100' = 100' / 100' = 100'

Pol-100' / 100' = 100' / 100' = 100'

DST # 3 4483-4

30-30-30-30

Blud, Strong, G.T.

6 1/2" m's

In. tubal flow

10 min 120,750

30 " 110,630

Final flow

10 min 26,870

20 min 24,430

30 min 24,430

Rec.

120' oil & gas c.

(20' oil; 25' gas; 55' mud)

210' oil & gas cut

Muddy w/lt

(40' gas; 26' oil; 20' w/bk; 20' 70

310' slightly oil c.

(99' w/bk; 1' 70

1335' w/2' oil

few bls

pressures: ISIP 1481

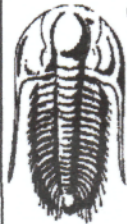
5' i.p. 1457

ISIP 273-5

55' p. 602-9

MSH

2184-217



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
8411 Preston Rd. Ste. 800
Dallas Tx. 75225
ATTN: Kurt Talbott

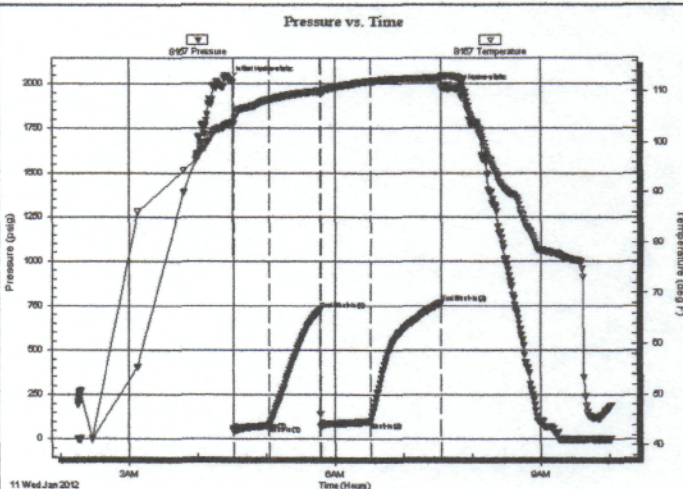
2-30s-14w Barber Ks.
Staats#2
Job Ticket: 44098 **DST#: 2**
Test Start: 2012.01.11 @ 02:15:32

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:31:32
Time Test Ended: 10:01:47
Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Fevoteaux
Unit No: 56
Interval: **4172.00 ft (KB) To 4220.00 ft (KB) (TVD)**
Total Depth: 4220.00 ft (KB) (TVD)
Reference Elevations: 1973.00 ft (KB)
1961.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor
KB to GR/CF: 12.00 ft

Serial #: 8167 **Inside**
Press@RunDepth: 98.33 psig @ 4173.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.11 End Date: 2012.01.11 Last Calib.: 2012.01.11
Start Time: 02:15:33 End Time: 10:01:47 Time On Btm: 2012.01.11 @ 04:28:02
Time Off Btm: 2012.01.11 @ 07:35:02

TEST COMMENT: IF: Strong blow . B.O.B. in 25 secs.
IS: Weak blow . 1/2".
FF: Strong blow . B.O.B. in 5 secs.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.97	103.64	Initial Hydro-static
4	49.48	103.58	Open To Flow (1)
35	77.26	108.36	Shut-In(1)
79	728.64	109.98	End Shut-In(1)
80	72.38	109.81	Open To Flow (2)
123	98.33	111.92	Shut-In(2)
185	765.85	112.57	End Shut-In(2)
187	1972.76	112.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW/ w o specs 47% m 53% w	0.59
0.00	Rw .16 ohms @ 46 deg	0.00
80.00	SOCM 3% o 97% m	1.12
0.00	3040 ft. of GIP	0.00

* Recovery from multiple tests

Gas Rates

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

(785)-483-2169

0040415237
FIELD SERVICE TICKET

1718 04969 A

BASIC

ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

2-305-14W

DATE TICKET NO.

DATE OF JOB: 1-4-12	DISTRICT: Pratt, Kansas	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: MAI Oil Operations, Inc	LEASE: Staats	WELL NO. 2							
ADDRESS:	COUNTY: Barber	STATE: Kansas							
CITY:	STATE:	SERVICE CREW: C. Messiah; B. Mitchell; J. McCaskey							
AUTHORIZED BY:	JOB TYPE: C.N.W. - Conductor								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	.75						1-3-12	AM	10:30
						ARRIVED AT JOB	1-3-12	AM	11:30
27,463	.75					START OPERATION	1-4-12	PM	6:00
						FINISH OPERATION	1-4-12	PM	6:45
19,960-19,918	.75					RELEASED	1-4-12	PM	7:00
						MILES FROM STATION TO WELL	20		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 Poz Cement	sh	300		\$ 3,600 00
CC 102	Cellflake	lb	75		\$ 277 50
CC 109	Calcium Chloride	lb	774		\$ 812 70
E 100	Pickup Mileage	mi	20		\$ 85 00
E 101	Heavy Equipment Mileage	mi	40		\$ 280 00
E 113	Bulk Delivery	tm	258		\$ 412 80
E 200	Cement Pump: 0 Feet To 500 Feet	hrs	4		\$ 1,000 00
E 240	Blending and Mixing Service	sh	300		\$ 420 00
S 003	Service Supervisor	hrs	8		\$ 175 00

SUB TOTAL
NLS \$ 5,650 40

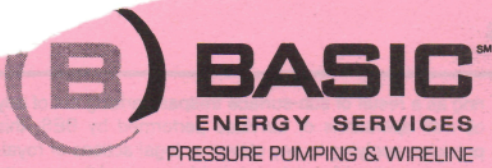
SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE: *Barbara R. [Signature]*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 04974 A

2-305-14W

DATE _____ TICKET NO. _____

DATE OF JOB: 1-1-12 DISTRICT: Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER: MAI Oil Operations, Incorporated		LEASE: Staats		WELL NO. 2						
ADDRESS:		COUNTY: Pratt		STATE: Kansas						
CITY:		STATE:		SERVICE CREW: C. Messick; M. Mattal; S. Young; Jr Hunter						
AUTHORIZED BY:		JOB TYPE: C.N.W. - Longstring								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
37,216	1	19,831-19,862	1				1-14-12			1:00
						ARRIVED AT JOB	1-14-12			4:00
						START OPERATION	1-14-12			11:30
19,889-19,905	1	19,960-19,918	1			FINISH OPERATION	1-15-12			12:30
						RELEASED	1-15-12			12:45
						MILES FROM STATION TO WELL	20			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 104	50/50 Poz Cement	sh	250		
CP 103	60/40 Poz Cement	sh	150		
CP 104	50/50 Poz Cement	sh	40		
CC 102	Cell flake	Lb	110		
CC 111	Salt	Lb	3468		
CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		
CF 1251	Auto Fill Float Shoe, 5 1/2"	eu	1		
CF 1651	Turbolizer, 5 1/2"	ea			
CF 1901	Basket, 5 1/2"	eu	1		
CC 151	Mud Flush	Gal	1,000		
E 100	Pickup Mileage	mi	20		
E 101	Heavy Equipment Mileage	mi	60		
E 113	Bulk Delivery	tm	373		
CE 205	Cement Pump: 4:00/Feet To 5,000 Feet	hrs.	4		
CE 240	Blending and Mixing Service	sh	440		
CE 504	Plug Container	Job	1		
S 003	Service Supervisor	hrs	8		

SUB TOTAL \$ 11,955.70

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE: *[Signature]* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 13, 2012

Allen Bangert
Mai Oil Operations, Inc.
8411 PRESTON RD STE 800
DALLAS, TX 75225-5520

Re: ACO1
API 15-007-23811-00-00
Staats 2
NE/4 Sec.02-30S-14W
Barber 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,
Allen Bangert



Energy services, L.P.

TREATMENT REPORT

Oil Operations, Inc. Lease No. _____ Date **1-4-12**
 Starts Well # **2**
 Order # **989** Station **Pratt, Kansas** Casing **5 7/8** Depth **54.5 Lb. 316 Feet** County **Pratt** State **Kansas**
 Job **C.N.W. - Conductor** Formation _____ Legal Description **2-305-14W**

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME				
3 7/8	Tubing Size	300	Shots/Ft	300	sacks	60/40 Poz	with	RATE	PRESS	ISIP
316	Depth	28	From	28	Gal	38 Calcium Chloride	251	b/stk	Cell	Plate
46.5	Volume	14.8	From	14.8	Lb. T Gal	5.18 Gal	1.21	CU FT	15	Min.
50	Max Press		From							16 Min.
	Annulus Vol		From							Annulus Pressure
	Packer Depth		From			Flush	46.5 Bbl	Fresh Water		Total Load

Customer Representative **Gail Thompson** Station Manager **David Scott** Operator **Clarence R. Messicht**

Service Units	37,216	27,463	19,960	19,918
Operator	Messicht	Mitchel	McCaskey	

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30					Trucks on location and hold safety meeting.
3:30					South wind Drilling start to run 7 Joints new 54.5 Lb./Ft 13 7/8" casing.
5:50					Casing in well. Circulate for 5 minutes.
6:00	300			5	start Fresh Water Pre-Flush.
			10	5	start Mixing 300 sacks 60/40 Poz cement.
6:18			74	5	start Fresh Water Displacement.
6:25	350		121		Plug down. Shut in well.
					Circulated cement to cellar.
					Wash up pump truck.
					Job Complete.
					Thank You
					Clarence, Brad, Jeffery

Customer MART Oil Operations, Inc.	Lease No.	Date 1-14-12	
Lease Staats	Well # 2		
Field Order # 4974	Station Pratt, Kansas	Casing 5 1/2 14lb	Depth 4579ft
Type Job C/W - Longstring	Formation	County Pratt	State Kansas
		Legal Description 2-305-14W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2 14lb/ft	Tubing Size 4 1/2 14lb/ft	Shots/Ft 250		Acid 50/50 Poz with 28 Gel, 1.28 Salt	RATE 6.40 Gal/stk	PRESS 1.35	ISIP 25 lb/stk cell flake
Depth 4579 Feet	Depth	From	To	Pre Pad 14.2 lb/Gal	Max		5 Min.
Volume 11.2 Bbl	Volume	From	To	Acid 60/40 Poz with 28 Gel, 1.108 Salt	Min		10 Min.
Max Press 11.750 PSI	Max Press	From	To	Frac 14.8 lb/Gal	Avg		15 Min.
Well Connection Plug Container	Annulus Vol.	From	To	Flush 11.2 Bbl Fresh Water	HHP Used		Annulus Pressure
Plug Depth 4579 Feet	Packer Depth	From	To		Gas Volume		Total Load

Customer Representative Kent	Station Manager David Scott	Treater Clarence R. Messick
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Service Units	37,216	19,889	19,905	19,831	19,862	19,960	19,918
Driver Names	Messick	Mattal					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					Trucks on location and hold safety meeting.
8:00					South wind Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 109 Joints new 14 lb/ft 5 1/2" csg. A Basket was installed above collar # 20. A Turbolizer was installed on Collars # 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and # 20
10:30					Casing in well. Circulate for 45 minutes.
11:22		2,700			Shut in well. Pressure Test. Open Well.
11:24	300			6	Start 1,000 Gallons Mud Flush.
	300		24	5	Start Fresh Water spacer.
	300		84	5	Start Mixing 250 sacks 50/50 Poz cement.
	-0-		117	5	start Mixing 150 sacks 60/40 Poz cement.
	-0-				Stop pumping. Shut in Well. Wash pump and lines. Release Latch Down Plug. Open Well.
11:49	100			6.5	Start Fresh water Displacement.
				5	start to lift cement
12:11	1,050		111.2		Plug down.
	1,750				Pressure up
					Release pressure. Float Shoe held.
	-0-		7-5	3	Plug Rat and mouse holes
	-0-				Wash up pump truck
12:45					Job Complete
					Thank You, Clarence, Milte, Steve, Jr.