



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1101046
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: _____



1101046

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	Mai Oil Operations, Inc.
Well Name	Pospishel-Ware Unit 1
Doc ID	1101046

Tops

Name	Top	Datum
Anhydrite	1087	+955
Topeka	3038	-996
Heebner	3270	-1228
Toronto	3284	-1242
Lansing	3330	-1288
Base Kansas City	3546	-1504
Conglomerate	3551	-1509
Arbuckle	3597	-1555

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
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 15, 2012

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

Re: ACO1
API 15-009-25720-00-00
Pospishel-Ware Unit 1
NW/4 Sec.29-17S-15W
Barton 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

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Clafin, KS 67525

Office (620) 588-4250

Res. Clafin (620) 587-3444

Mail Oil Operations
Pospishel-Ware #1
75' FNL & 785' FWL (NW-NE-NW-NW)
Section 29-17s-15w
Barton County, Kansas
Page 1

5 1/2" Production Casing Set

Contractor: Southwind Drilling Co. (Rig #3)
Commenced: August 8, 2012
Completed: August 16, 2012
Elevation: 2042' K.B; 2040' D.F; 2034' G.L.
Casing program: Surface; 8 5/8" @ 1075'
Production; 5 1/2" @ 3662'
Sample: Samples saved and examined 3000' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 3000 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were four (4) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Superior Well Services; Dual Induction, Compensated Neutron/Density and Micro Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	1087	+955
Base Anhydrite	1119	+923
Topeka	3038	-996
Heebner	3270	-1228
Toronto	3284	-1242
Douglas	3301	-1259
Lansing	3330	-1288
Base Kansas City	3546	-1504
Conglomerate	3551	-1509
Arbuckle	3597	-1555
Rotary Total Depth	3663	-1621
Log Total Depth	3663	-1621

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

3076-3084' Limestone; white, gray, finely crystalline, chalky, trace brown stain, no free oil and no odor in fresh samples.

TORONTO SECTION

3284-3298' Limestone; cream, white, finely crystalline, slightly chalky, poor porosity, trace brown stain, no free oil and no odor in fresh samples

LANSING SECTION

3330-3342' Limestone; gray and tan, finely crystalline, dense.

3350-3356' Limestone; gray, white, fossiliferous/oolitic, chalky, poor stain, no free oil and no odor in fresh samples

3360-3371' Limestone; cream, tan, oomoldic, good oomoldic porosity, brown stain, weak show of free oil and faint odor in fresh samples.

3374-3384' Limestone; gray and tan, chalky, few cherty, poor porosity, no shows.

3400-3408' Limestone; gray, white, oolitic, slightly chalky, fair porosity, brown and dark brown stain, show of free oil and no odor in fresh samples.

Drill Stem Test #1 3358-3415'

Times: 30-30-45-45

Blow: Strong

**Recovery: 300' gas in pipe
 30' gassy muddy oil
 (40% gas, 50% oil, 10% mud)
 60' heavy oil cut mud
 (30% oil, 70% mud)**

**Pressures: ISIP 541 psi
 FSIP 784 psi
 IFP 37-49 psi
 FFP 57-64 psi
 HSH 1694-1673 psi**

3423-3434' Limestone; gray, white, oomoldic, fair oomoldic porosity, trace poor stain, no show of free oil and no odor in fresh samples.

3446-3456' Limestone; gray, white, chalky, few cherty, poor porosity, no shows.

3471-3478' Limestone; gray, white, oolitic, sub oomoldic, trace stain, trace of free oil and no odor in fresh samples.

3483-3496' Limestone; cream, white, fossiliferous/oolitic, scattered porosity, brown and golden brown stain, show of free oil and fair to faint odor in fresh samples.

3496-3510' Limestone; cream, white, oolitic, chalky, poor visible porosity, brown and black stain, show of free oil and questionable odor.

Drill Stem Test #2 **3460-3520'**

Times: 30-30-3-30

Blow: Weak

Recovery: 10' mud, few oil spots

Pressures: ISIP 58 psi
FSIP 51 psi
IFP 33-38 psi
FFP 32-36 psi
HSH 1783-1756 psi

3522-3532' Limestone; white, cream, fossiliferous/oolitic, chalky, poor visible porosity, trace poor stain, no free oil and no odor in fresh samples.

CONGLOMERATE SECTION

3563-3597' Varied colored oolitic, opaque chert in matrix of varied colored shale, with loose unconsolidated quartz grains.

ARBUCKLE SECTION

3597-3605' Dolomite; cream, gray, medium crystalline, scattered porosity, brown and gray stain, show of free oil and odor in fresh samples.

Drill Stem Test #3 **3540-3605'**

Times: 30-30-3-30

Blow: Weak

Recovery: 5' very slightly oil cut

Pressures: ISIP 71 psi
FSIP 54 psi
IFP 32-32 psi
FFP 38-37 psi
HSH 1853-1721 psi

3605-3613' Dolomite; as above, medium crystalline, fair porosity, fair stain and saturation, good show of free oil and good odor in fresh samples.

Drill Stem Test #4 **3541-3613'**

Times: 30-30-3-30

Blow: Weak

Recovery: 120' mud with oil spots

Pressures: ISIP 1108 psi
FSIP 1108 psi
IFP 38-74 psi
FFP 80-107 psi
HSH 1837-1750 psi

3613-3630' Dolomite; white, light gray, medium crystalline, fair intercrystalline porosity, dark brown to black stain, show of free oil (dead appearing) and faint odor in fresh samples.

3630-3650' Dolomite; cream, white, medium crystalline, sandy, poor porosity, no shows.

3650-3663' Dolomite; white and cream, sandy, poor visible porosity, dense.

Rotary Total Depth 3663
Log Total Depth 3663

Recommendations:

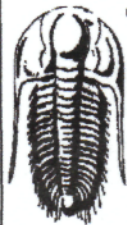
5 1/2" production casing was set and cemented on the Pospishel-Ware #1.

Respectfully submitted;

James C. Musgrove & Kurt Talbot

James C. Musgrove and
Kurt Talbot,
Petroleum Geologists





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
8411 Preston Rd Ste 800
Dallas TX 75225+5520
ATTN: Jim Musgrove

Pospishel-Ware Unit #1
29-17s-15w Barton,KS
Job Ticket: 49389 **DST#: 1**
Test Start: 2012.08.13 @ 13:12:05

GENERAL INFORMATION:

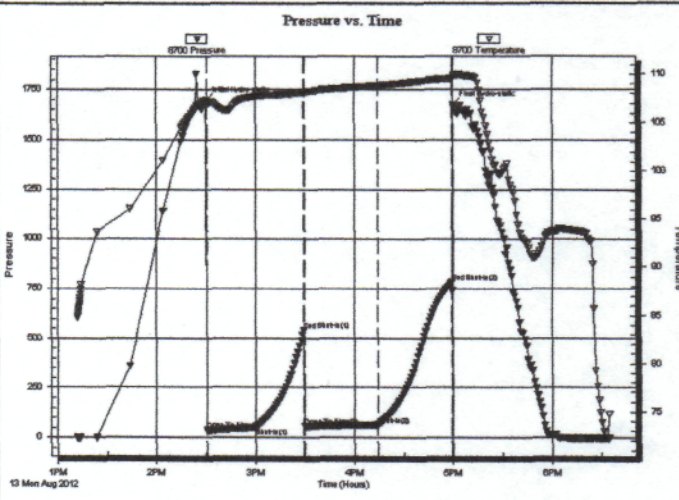
Formation: **LKC B-E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:30:30
Time Test Ended: 18:34:59
Interval: **3358.00 ft (KB) To 3415.00 ft (KB) (TVD)**
Total Depth: 3415.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Troy Leiker
Unit No: 42
Reference Elevations: 2042.00 ft (KB)
2034.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8700

Outside

Press@RunDepth: 64.68 psig @ 3394.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.13 End Date: 2012.08.13 Last Calib.: 2012.08.13
Start Time: 13:12:05 End Time: 18:34:59 Time On Btm: 2012.08.13 @ 14:30:00
Time Off Btm: 2012.08.13 @ 17:00:00

TEST COMMENT: IF 30 Stong Blow off Bottom in 7 min.
IS 30 No Blow Back
FF 45 Very Strong Blow off Bottom in 30 sec.
FS 45 No Blow Back



PRESSURE SUMMARY

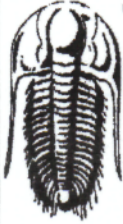
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.02	107.29	Initial Hydro-static
1	37.03	106.88	Open To Flow (1)
30	49.24	107.68	Shut-In(1)
60	541.75	108.11	End Shut-In(1)
60	57.18	108.02	Open To Flow (2)
105	64.68	108.82	Shut-In(2)
149	784.35	109.57	End Shut-In(2)
150	1673.80	109.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	Gas in Pipe	4.21
30.00	Gassy Mud Cut Oil 40%g 50%o 10%m	0.42
60.00	Heavy Oil Cut Mud 30%o 70%m	0.84

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd Ste 800
 Dallas TX 75225+5520
 ATTN: Jim Musgrove

Pospishel-Ware Unit #1
29-17s-15w Barton,KS
 Job Ticket: 49390 **DST#: 2**
 Test Start: 2012.08.14 @ 18:45:00

GENERAL INFORMATION:

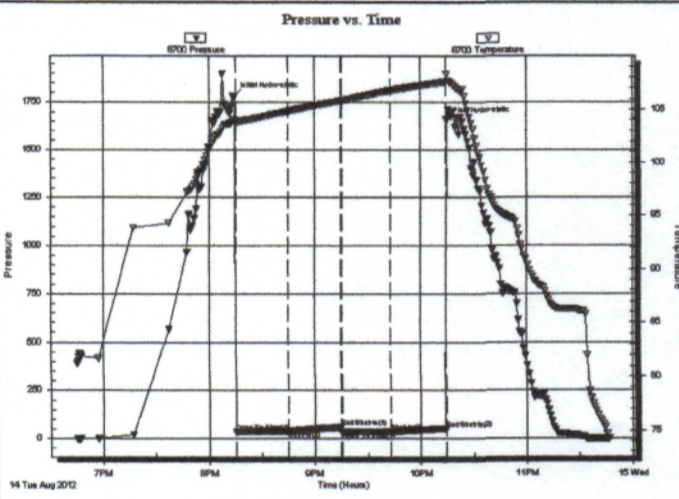
Formation: **Lansing KC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:15:00
 Time Test Ended: 23:47:00
 Interval: **3460.00 ft (KB) To 3520.00 ft (KB) (TVD)**
 Total Depth: **3415.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Troy Leiker
 Unit No: 42
 Reference Elevations: 2042.00 ft (KB)
 2034.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8700

Outside

Press@RunDepth: 36.32 psig @ 3495.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.14 End Date: 2012.08.14 Last Calib.: 2012.08.14
 Start Time: 18:45:05 End Time: 23:46:59 Time On Btm: 2012.08.14 @ 20:14:30
 Time Off Btm: 2012.08.14 @ 22:14:30

TEST COMMENT: IF 30 Weak Blow on top of Bkt. Died in 25 min.
 IS 30 No Blow Back
 FF 30 Very Weak Blow, Died in 30 sec.
 FS 30 No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1783.05	104.03	Initial Hydro-static
1	35.94	103.66	Open To Flow (1)
31	38.40	104.82	Shut-In(1)
60	58.64	105.80	End Shut-In(1)
61	32.06	105.81	Open To Flow (2)
89	36.32	106.75	Shut-In(2)
120	51.35	107.53	End Shut-In(2)
120	1656.13	108.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% m	0.14
		0.84

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd Ste 800
 Dallas TX 75225+5520
 ATTN: Jim Musgrove

Pospishel-Ware Unit #1
29-17s-15w Barton,KS
 Job Ticket: 49391 **DST#: 3**
 Test Start: 2012.08.15 @ 11:05:00

GENERAL INFORMATION:

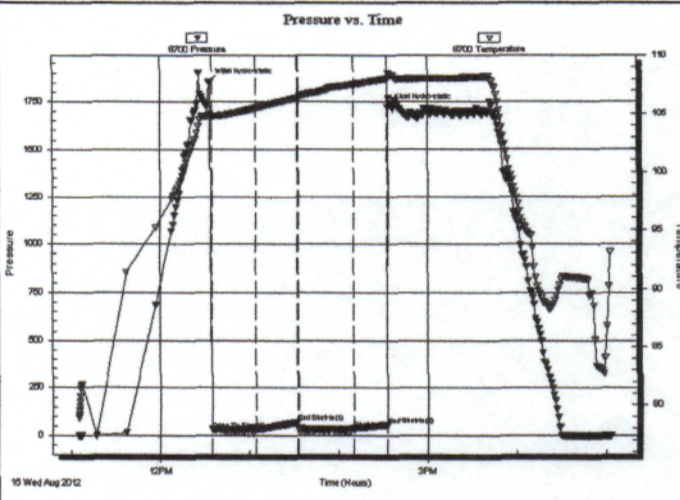
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:34:30
 Time Test Ended: 17:03:00
 Interval: **3540.00 ft (KB) To 3605.00 ft (KB) (TVD)**
 Total Depth: 3415.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Troy Leiker
 Unit No: 42
 Reference Elevations: 2042.00 ft (KB)
 2034.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8700

Outside

Press@RunDepth: 37.83 psig @ 3576.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.15 End Date: 2012.08.15 Last Calib.: 2012.08.15
 Start Time: 11:05:05 End Time: 17:02:59 Time On Btm: 2012.08.15 @ 12:32:30
 Time Off Btm: 2012.08.15 @ 14:33:00

TEST COMMENT: IF 30 Very weak blow died in 4 min.
 IS 30 No blow back
 FF 30 Surge of air when tool opened, No blow after that
 FS 30 No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1853.83	104.85	Initial Hydro-static
2	32.88	104.62	Open To Flow (1)
32	32.17	105.51	Shut-In(1)
60	71.50	106.38	End Shut-In(1)
60	38.77	106.37	Open To Flow (2)
98	37.83	107.53	Shut-In(2)
120	54.60	108.01	End Shut-In(2)
121	1721.01	108.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Very Slightly Oil Cut Mud 5%O 95% m	0.07
		0.84

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Rd Ste 800
 Dallas TX 75225+5520
 ATTN: Jim Musgrove

Pospishel-Ware Unit #1
29-17s-15w Barton,KS
 Job Ticket: 49392 DST#: 4
 Test Start: 2012.08.15 @ 23:20:00

GENERAL INFORMATION:

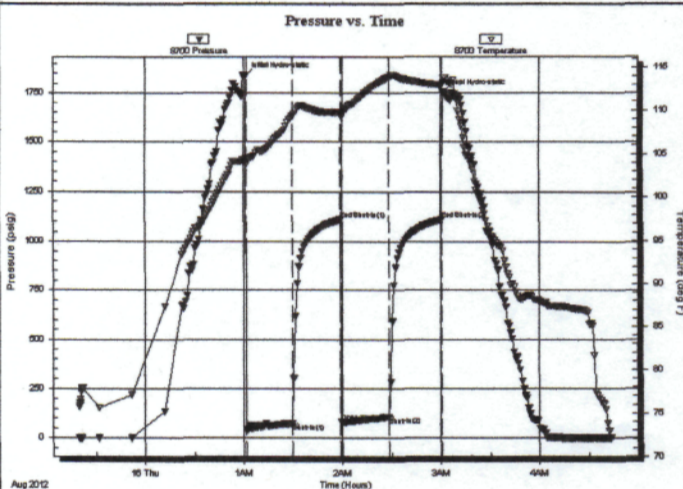
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:01:30
 Time Test Ended: 04:43:30
 Interval: **3541.00 ft (KB) To 3613.00 ft (KB) (TVD)**
 Total Depth: 3415.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Troy Leiker
 Unit No: 42
 Reference Elevations: 2042.00 ft (KB)
 2034.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8700

Outside

Press@RunDepth: 107.07 psig @ 3581.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.15 End Date: 2012.08.16 Last Calib.: 2012.08.16
 Start Time: 23:20:05 End Time: 04:43:29 Time On Btm: 2012.08.16 @ 01:01:00
 Time Off Btm: 2012.08.16 @ 03:01:00

TEST COMMENT: IF 30 Very weak blow died in 5 min.
 IS 30 No blow back
 FF 30 Small surge w hen tool opened, No blow
 FS 30 No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1837.95	104.34	Initial Hydro-static
1	38.68	103.69	Open To Flow (1)
29	74.00	109.27	Shut-In(1)
58	1108.80	109.70	End Shut-In(1)
59	80.47	109.13	Open To Flow (2)
88	107.07	113.91	Shut-In(2)
120	1108.47	112.92	End Shut-In(2)
120	1750.64	113.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100% m Few Oil Spots on Top	1.68
		0.84

* Recovery from multiple tests

Gas Rates

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

QUALITY OILWELL CEMENTING, INC.

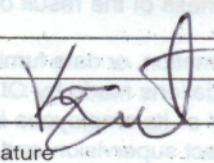
Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 935

Cell 785-324-1041

Date	8-9-12	Sec.	29	Twp.	17	Range	15	County	Barton	State	Ks	On Location		Finish	12:30 PM					
Lease	Well No.		Location Hwy 4 + Olmitz Rd, 4W to 130 Ave, N to																	
Contractor	Southwind #3				Owner 130 Rd, 1/8 E, 5/1 Into															
Type Job	Surface				To Quality Oilwell Cementing, Inc.															
Hole Size	12 1/4"				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.															
Csg.	8 5/8"				T.D.				1075'				Charge To				Main oil operations			
Tbg. Size					Depth				1075'				Street							
Tool					Depth								City				State			
Cement Left in Csg.	40'				Shoe Joint				40'				The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line					Displace				66 BLS				Cement Amount Ordered				375 sx 60/40 3% CC 2%			
EQUIPMENT												Gel								
Pumptrk	15		No.		Cementer		Helper		Nick		Common				240 225					
Bulktrk	10		No.		Driver		Driver		Leo		Poz. Mix				440 150					
Bulktrk	p.u.		No.		Driver		Driver		Rick		Gel.				7 15					
JOB SERVICES & REMARKS												Calcium								
Remarks:	Pospishel - Ware unit #1																			
Rat Hole	Salt																			
Mouse Hole	Flowseal																			
Centralizers	Kol-Seal																			
Baskets	Mud CLR 48																			
D/V or Port Collar	CFL-117 or CD110 CAF 38																			
	Cement did Circulate.																			
	Sand																			
	Handling														397					
	Mileage																			
FLOAT EQUIPMENT																				
	Guide Shoe																			
	Centralizer																			
	Baskets																			
	AFU Inserts																			
	Float Shoe																			
	Latch Down																			
	1 - Rubber plug																			
	Pumptrk Charge														Long Surface					
	Mileage														23					
X Signature 												Tax								
												Discount								
												Total Charge								

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 785

Date	8-12-29	Sec.	17	Range	15	County	Barton	State	KS	On Location		Finish	12:00 A.M.
Lease	Bsp. shel/WARE		Well No.	1		Location	Lariat 2w 53 3/4w Sinto						
Contractor	Sou. Thru #3						Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job	Production Job						Hole Size	7 7/8		T.D.	3663		
Csg.	5 1/2 14#		Depth	3661			Charge To	ma. oil					
Tbg. Size							Street						
Tool							City	State					
Cement Left in Csg.	20.22		Shoe Joint	20.22			The above was done to satisfaction and supervision of owner agent or contractor.						
Meas Line			Displace	883/4BL			Cement Amount Ordered	1600 gal 10% salt 20 gal 14# 10					
EQUIPMENT							1000 gal mud clear						
Pumptrk	5	No.	Cement Helper	naig			Common	96					
Bulktrk		No.	Driver	Brett			Poz. Mix	64					
Bulktrk	14	No.	Driver	Lonne			Gel.	3					
JOB SERVICES & REMARKS							Calcium						
Remarks:							Hulls						
Rat Hole	30SK						Salt	14					
Mouse Hole							Flowseal	50					
Centralizers							Kol-Seal						
Baskets							Mud CLR 48	1000 gal					
D/V or Port Collar							CFL-117 or CD110 CAF 38						
5 1/2 size 3661 insert 3661.78							Sand						
Est. Circulation for pump pack mud							Handling						
Clear cement rather than cement 5/2							Mileage						
Clear lines. Replace plug							FLOAT EQUIPMENT						
Plug lander 1500. Release							Guide Shoe						
Pressure Dry							Centralizer	10 Turbolizers					
							Baskets						
							AFU Inserts						
							Float Shoe						
							Latch Down	1					
							Pumptrk Charge	prod. long string					
							Mileage	23					
							Tax						
							Discount						
Signature: <i>[Signature]</i>							Total Charge						

