KOLAR Document ID: 1295718

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259
Name: Mai Oil Operations, Inc.
Address 1: 8411 PRESTON RD STE 800
Address 2:
City: DALLAS State: TX Zip: 75225 + 5520
Contact Person: Allen Bangert
Phone: (214) 219-8883
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Jim Musgrove
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

11/17/2015	11/23/2015	11/23/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-009-26130-00-00
Spot Description:
__ - SW - NW - NE Sec. 25 Twp. 19 S. R. 13 ☐ East ☑ West
990 Feet from ☑ North / ☐ South Line of Section
2310 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☑ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barton
Lease Name: Clasen Well #: 1
Field Name:
Producing Formation: LKC
Elevation: Ground: 1831 Kelly Bushing: 1839
Total Vertical Depth: 3475 Plug Back Total Depth: 3454
Amount of Surface Pipe Set and Cemented at: 686 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: 56000 ppm Fluid volume: 80 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Mai Oil Operations, Inc.
Lease Name: Kultgen License #: 5259
Quarter NW Sec. 12 Twp. 19 S. R. 12 ☐ East ☑ West
County: Barton Permit #: D27882

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: 03/09/2016
☑ **Confidential Release Date:** 03/09/2018
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 03/10/2016

Page Two

Operator Name: Mai Oil Operations, Inc. Lease Name: Clasen Well #: 1

Sec. 25 Twp. 19 S. R. 13 ☐ East ☑ West County: Barton

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☐ Yes	☐ No	

List All E. Logs Run: Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	686	60-40 POZ	350	2%gel,3% CC
Production	7.875	5.5	14	3474	60-40POZ	160	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Clasen 1
Doc ID	1295718

All Electric Logs Run

CDNL
DIL
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Clasen 1
Doc ID	1295718

Tops

Name	Top	Datum
Anhydrite	688	+1151
Heebner	3021	-1182
Toronto	3042	-1203
Douglas	3052	-1213
Brown Lime	3132	-1293
Lansing	3145	-1306
Base Kansas City	3374	-1535
Arbuckle	3388	-1549

Form	ACO1 - Well Completion
Operator	Mai Oil Operations, Inc.
Well Name	Clasen 1
Doc ID	1295718

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	686	60-40 POZ	350	2%gel,3% CC
Production	7.875	5.5	14	3474	60-40POZ	160	2% gel

JAMES C. MUSGROVE
Petroleum Geologist, LLC
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mai Oil Operations
Clausen #1
SW-NW-NE (990'FNL & 2310' FEL)
Section 25-19s-13w
Barton County, Kansas

5 1/2" Production Casing Set

Contractor: Southwind Drilling Co. (rig #3)

Commenced: November 17, 2015

Completed: November 23, 2015

Elevation: 1839' K.B., 1837' D.F., 1831' G.L.

Casing program: Surface; 8 5/8" @ 686
Production, 5 ½" @ 3475'

Sample: Samples saved and examined 2800' to the Rotary Total Depth.

Drilling time: One (1) foot drilling time recorded and kept 2800' 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 Casedhole Solutions, Dual Induction, Compensated Density/Neutron Log, Micro and Sonic Logs.

Formation	Log Depth	Sub-Sea Datum
Anhydrite	688	+1151
Base Anhydrite	706	+1133
Heebner	3021	-1182
Toronto	3042	-1203
Douglas	3052	-1213
Brown Lime	3132	-1293
Lansing	3145	-1306
Base Kansas City	3374	-1535
Arbuckle	3388	-1549
Rotary Total Depth	3475	-1636
Log Total Depth	3475	-1636

All tops and zones corrected to Electric Log Measurement

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

TOPEKA SECTION

2960-2980' Limestone, cream, tan, fine and medium crystalline, sucrosic in part, few fossiliferous, poor to fair inter-crystalline porosity, no shows.

TORONTO SECTION

3042-3051' Limestone, cream, tan finely crystalline, few granular and sucrosic, poor inter-crystalline porosity, no shows.

LANSING SECTION

3145-3152' Limestone, white, cream, gray, finely crystalline, oolitic, few fossiliferous, poor inter-crystalline porosity, golden brown stain, trace of free oil and good odor in fresh samples.

3170-3180' Limestone, cream, light gray, finely crystalline, few fossiliferous, poor visible porosity, brown stain, trace of free oil and good odor in fresh samples.

3182-3186' Limestone, cream, light gray, finely crystalline, few fossiliferous, oolitic, poor scattered porosity, trace black stain, no free oil and no odor in fresh samples

Drill Stem Test #1 3134-3189

Times: 30-45-45-60

Blow: Strong

Recovery: 2172' gas in pipe
120' heavily oil & gas cut mud
(50% oil; 40% mud; 10% gas)

Pressures:

ISIP	**868**	**psi**
FSIP	**841**	**psi**
IFP	**65-46**	**psi**
FFP	**53-70**	**psi**
HSH	**1529-1502**	**psi**

3210-3217' Limestone, tan, light gray, finely crystalline, oolitic, poor scattered porosity, brown spotty stain, no free oil and faint odor in fresh samples.

3218-3226' Limestone, cream, white, finely crystalline, poorly developed pinpoint type porosity, dark brown stain, trace of free oil and faint odor in fresh samples.

3228-3240' Limestone, cream, tan, oolitic, oomoldic, chalky in part, good oomoldic porosity, dark brown stain, no free oil and no odor in fresh samples.

3240-3250 Limestone, cream, tan, oolitic, oomoldic, chalky, trace spotty stain, no free oil or odor in fresh samples.

3276-3280' Limestone, cream, tan, finely crystalline, oolitic, poor visible porosity, dark brown stain, trace of free oil and fair odor in fresh samples.

3294-3302' Limestone, cream, tan, finely crystalline, oolitic, poor to fair porosity, brown stain, show of free oil and fair odor in fresh samples.

3311-3322' Limestone, cream, tan, finely crystalline, oolitic, fair vuggy type porosity, brown stain, show of free oil, trace of gas bubbles and fair odor in fresh samples.

3343-3350' Limestone, cream, white, finely crystalline, oolitic, poor scattered finely vuggy type porosity, brown spotty stain, no free oil and faint odor in fresh samples.

3351-3363' Limestone, tan, light gray, finely crystalline, cherty in part, poor visible porosity, no shows.

Drill Stem Test #2 **3265-3365**

Times: **30-45-45-60**

Blow: **Strong**

Recovery: **2690' gas in pipe**
570' clean gassy oil

Pressures:

ISIP	**966**	**psi**
FSIP	**940**	**psi**
IFP	**82-157**	**psi**
FFP	**181-257**	**psi**
HSH	**1690-1628**	**psi**

ARBUCKLE SECTION

3388-3399' Dolomite, white, medium crystalline, fair inter-crystalline porosity, golden brown stain, show of free oil and good odor in fresh samples.

Drill Stem Test #3 **3360-3399**

Times: **15-30-15-45**

Blow: **Strong**

Recovery: **3050' gas in pipe**
300' clean gassy oil

Pressures:

ISIP	**1139**	**psi**
FSIP	**1127**	**psi**
IFP	**991-1018**	**psi**
FFP	**1013-995**	**psi**
HSH	**1702-1574**	**psi**

3399-3408' Dolomite, white, cream, fine to medium crystalline, fair vuggy type porosity, brown stain, good show of free oil and good odor in fresh samples.

Drill Stem Test #4 **3401-3408**

Times: **30-45-30-60**

Blow: **Strong**

Recovery: **240' gassy oil cut muddy water**
(10% gas; 30% oil; 40% water; 20% mud)
480' heavily cut muddy water
(40% oil; 40% water; 20% mud)
2100' water

Pressures:		
ISIP	**1157**	**psi**
FSIP	**1157**	**psi**
IFP	**534-995**	**psi**
FFP	**1157-1161**	**psi**
HSH	**1682-1616**	**psi**

3408-3420'	Dolomite, cream, white, fine to medium crystalline, poor to fair inter-crystalline porosity, dark brown stain, show of free oil and fair odor in fresh samples.
3420-3440'	Dolomite, white, fair to medium crystalline, slightly cherty, poorly developed inter-crystalline type porosity, dark brown stain, no free oil and faint odor in fresh samples.
3440-3460'	Dolomite, white/light gray, medium crystalline, chalky luster, dark brown stain, no free oil and faint odor in fresh samples.
3460-3475'	Dolomite, white, fine and medium crystalline, poor scattered inter-crystalline porosity, dark brown stain, no free oil and faint odor in fresh samples.

Rotary Total Depth	**3475**
Log Total Depth	**3475**

Recommendations:

The 5 ½" production casing was set and cemented on Mai Oil Operations Inc., Clausen #1.

Respectfully yours,

Kurt Talbott
Petroleum Geologist

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil Operation

8411 Preston Rd Ste 80
Dallas TX 75225+5520

ATTN: Kurt Talbott

25-19s-13w Barton,KS

Clasen #1

Job Ticket: 62968 **DST#: 1**

Test Start: 2015.11.21 @ 05:00:00

GENERAL INFORMATION:

Formation: **LKC A -C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:23:46
Time Test Ended: 10:44:16

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

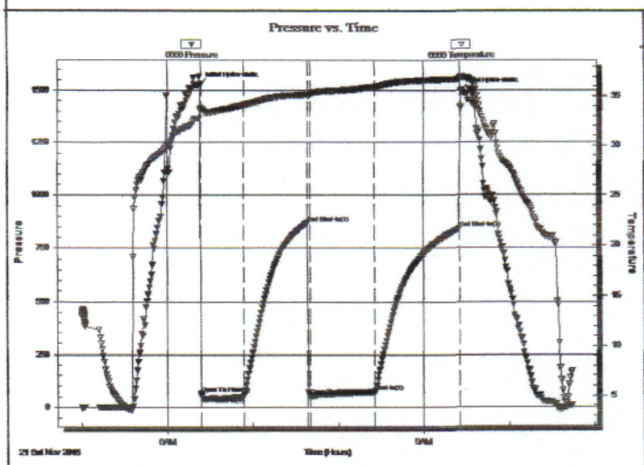
Interval: 3134.00 ft (KB) To 3189.00 ft (KB) (TVD)
Total Depth: 3189.00 ft (KB) (TVD)
Hole Diameter: inches Hole Condition: Fair

Reference Elevations: 1847.00 ft (KB)
1839.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6666 **Inside**
Press@RunDepth: 70.88 psig @ 3173.00 ft (KB)
Start Date: 2015.11.21 End Date: 2015.11.21
Start Time: 05:00:01 End Time: 10:44:16

Capacity: 8000.00 psig
Last Calib.: 2015.11.21
Time On Btm: 2015.11.21 @ 06:23:16
Time Off Btm: 2015.11.21 @ 09:25:46

TEST COMMENT: IFP-30 Minutes-BOB in 1 minute
ISIP-45 Minutes-No blow back
FFP-45 Minutes-BOB in 30 sec
FSIP-60 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1529.94	33.71	Initial Hydro-static
1	65.65	33.87	Open To Flow (1)
31	46.95	34.11	Shut-In(1)
75	868.48	35.15	End Shut-In(1)
77	53.95	35.17	Open To Flow (2)
123	70.88	35.97	Shut-In(2)
182	841.56	36.77	End Shut-In(2)
183	1502.19	36.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMO 10%gas 40%mud 50%oil	1.68
0.00	2712' gas in pipie	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operation

8411 Preston Rd Ste 80
Dallas TX 75225+5520

ATTN: Kurt Talbott

25-19s-13w Barton,KS

Clasen #1

Job Ticket: 62969 **DST#: 2**

Test Start: 2015.11.22 @ 01:15:00

GENERAL INFORMATION:

Formation: **LKC H - J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:42:01
Time Test Ended: 07:32:46

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

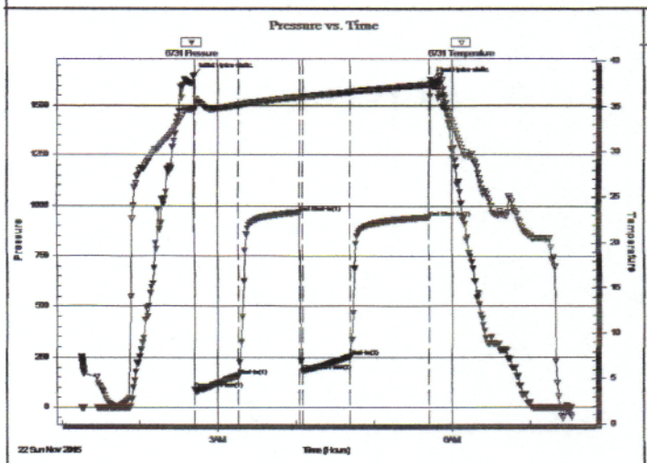
Interval: 3265.00 ft (KB) To 3365.00 ft (KB) (TVD)
Total Depth: 3365.00 ft (KB) (TVD)
Hole Diameter: inches Hole Condition: Fair

Reference Elevations: 1847.00 ft (KB)
1839.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6731 **Outside**
Press@RunDepth: 251.94 psig @ 3337.00 ft (KB)
Start Date: 2015.11.22 End Date: 2015.11.22
Start Time: 01:15:01 End Time: 07:32:46

Capacity: 8000.00 psig
Last Calib.: 2015.11.22
Time On Btm: 2015.11.22 @ 02:41:31
Time Off Btm: 2015.11.22 @ 05:43:16

TEST COMMENT: ISIP-30 Minutes-BOB in 1 minute
ISIP-45 Minutes-Yes blow back
FFP-45 Minutes-BOB in 2 minutes
FSIP-60 Minutes-Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1650.45	34.74	Initial Hydro-static
1	89.30	34.88	Open To Flow (1)
34	157.13	35.24	Shut-In(1)
82	966.29	36.15	End Shut-In(1)
84	181.16	36.17	Open To Flow (2)
121	251.94	36.67	Shut-In(2)
181	940.49	37.48	End Shut-In(2)
182	1628.21	37.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
570.00	clean gas oil 15%gas 85%oil	8.00
0.00	2690 gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Mai Oil Operation

8411 Preston Rd Ste 80
Dallas TX 75225+5520

ATTN: Kurt Talbott

25-19s-13w Barton,KS

Clasen #1

Job Ticket: 62970 **DST#: 3**

Test Start: 2015.11.22 @ 14:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:52:31
Time Test Ended: 19:26:01

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

Interval: 3360.00 ft (KB) To 3399.00 ft (KB) (TVD)
Total Depth: 3399.00 ft (KB) (TVD)
Hole Diameter: inches Hole Condition: Fair

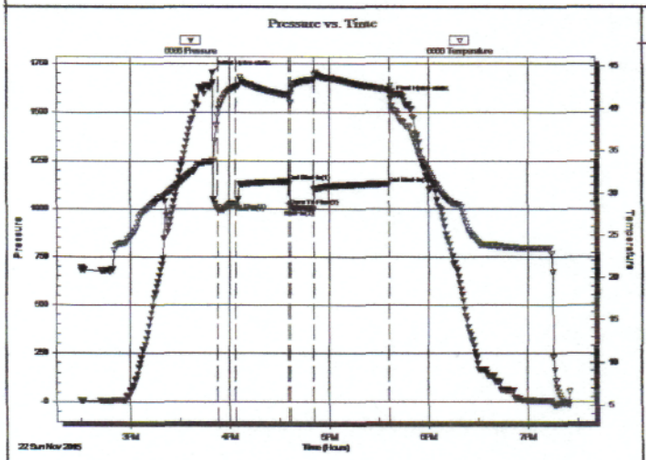
Reference Elevations: 1847.00 ft (KB)
1839.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6666 **Inside**

Press@RunDepth: 995.06 psig @ 3366.00 ft (KB)
Start Date: 2015.11.22 End Date: 2015.11.22
Start Time: 14:30:01 End Time: 19:26:01

Capacity: 8000.00 psig
Last Calib.: 2015.11.22
Time On Btm: 2015.11.22 @ 15:49:16
Time Off Btm: 2015.11.22 @ 17:37:01

TEST COMMENT: IFP-15 Minutes-BOB in 10 sec oil to surface in 5 minutes
ISIP-30 Minutes-Yes blow back
FFP-15 Minutes-BOB in 1 minutes-- flowing oil
FSIP-45 Minutes-Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1702.96	33.76	Initial Hydro-static
4	991.15	39.25	Open To Flow (1)
15	1018.14	42.58	Shut-In(1)
47	1139.62	41.55	End Shut-In(1)
48	1013.54	40.74	Open To Flow (2)
62	995.06	43.39	Shut-In(2)
107	1127.84	42.23	End Shut-In(2)
108	1574.58	41.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	gas 20% oil 80%	4.21
0.00	GO to surface	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Mai Oil Operation

8411 Preston Rd Ste 80
Dallas TX 75225+5520

ATTN: Kurt Talbott

25-19s-13w Barton,KS

Clasen #1

Job Ticket: 62971 **DST#: 4**

Test Start: 2015.11.23 @ 01:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:26:01
Time Test Ended: 08:10:16

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

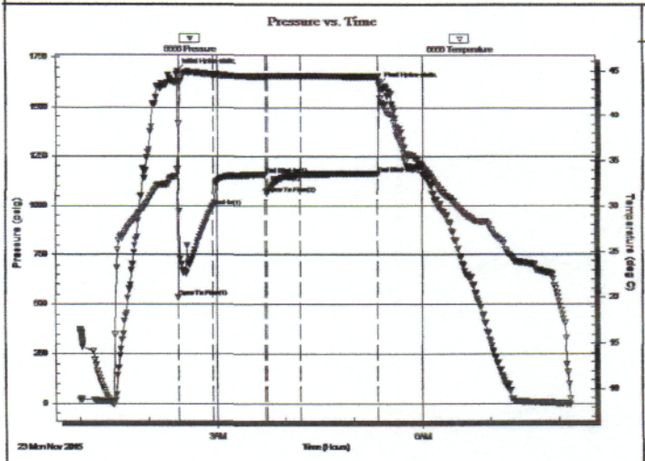
Interval: 3401.00 ft (KB) To 3408.00 ft (KB) (TVD)
Total Depth: 3408.00 ft (KB) (TVD)
Hole Diameter: inches Hole Condition: Fair

Reference Elevations: 1847.00 ft (KB)
1839.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6666 **Inside**
Press@RunDepth: 1157.48 psig @ 3402.00 ft (KB)
Start Date: 2015.11.23 End Date: 2015.11.23
Start Time: 01:00:01 End Time: 08:10:16

Capacity: 8000.00 psig
Last Calib.: 2015.11.23
Time On Btm: 2015.11.23 @ 02:25:01
Time Off Btm: 2015.11.23 @ 05:22:01

TEST COMMENT: IFP-30 Minutes-BOB in 1 minute
ISIP-45 Minutes-Yes blow back
FFP-30 Minutes-BOB in 1 minute
FSIP-60 Minutes-Yes blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1682.99	34.08	Initial Hydro-static
1	534.35	39.05	Open To Flow (1)
32	995.31	44.54	Shut-In(1)
78	1157.67	44.32	End Shut-In(1)
79	1063.68	44.37	Open To Flow (2)
109	1157.48	44.39	Shut-In(2)
176	1161.79	44.34	End Shut-In(2)
177	1616.66	43.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2100.00	w ater	29.46
480.00	20%mud 40% oil 40%w ater	6.73
240.00	10%gas 20%mud 30%oil 40%w ater	3.37

Gas Rates

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

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. 1293

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-17-15	25	19	13	Barton	Ks		2:00 PM

Location Great Bend, Ks - E on 56 Hwy to 4th Ave

Lease	Clasen	Well No.	1
Contractor	Southwind #3		
Type Job			
Hole Size	12¼"	T.D.	686'
Csg.	8⅝"	Depth	686'
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.	20'	Shoe Joint	20'
Meas Line		Displace	42 ¼ BLS

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.

Charge To Mai Opl operations

Street

City State

The above was done to satisfaction and supervision of owner agent or contractor.

Cement Amount Ordered 350 60/40 3%cc 2%gel 1/4# Flo-Seal

EQUIPMENT

Pumptrk 18	No.	Cementer / Helper	Travis
Bulktrk 4	No.	Driver / Driver	Billy / Dewy
Bulktrk P.U.	No.	Driver / Driver	Rick

JOB SERVICES & REMARKS

Remarks: Cement did Circulate

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Common	
Poz. Mix	
Gel.	
Calcium	
Hulls	
Salt	
Flowseal	
Kol-Seal	
Mud CLR 48	
CFL-117 or CD110 CAF 38	
Sand	
Handling	
Mileage	

FLOAT EQUIPMENT

Guide Shoe	Rubber plug
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Pumptrk Charge	
Mileage	
Tax	
Discount	
Total Charge	

X Signature

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. 1299

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-24-15	25	19	13	Barton	Ks		3:45 AM

Location Great Bend, Ks - E to 40th Ave on 40th Ave N 1/2 W 1 S/Into

Lease Clasen	Well No. 1	Owner	
Contractor Southwind 3		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			
Hole Size 7 7/8"	T.D. 3475'	Charge To Mai Oil operations	
Csg. 5 1/2" New 14#	Depth 3474'	Street	
Tbg. Size	Depth	City	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg. 20.99'	Shoe Joint 20.99'	Cement Amount Ordered 160 60/40 10% Salt 2% Gel 1/4# Flo-seal .2% Gas block .5% of 1% CAF 38	
Meas Line	Displace H2O 84 1/4		

EQUIPMENT

	No.		
Pumptrk	5	Cementer	
		Helper	Brett
Bulktrk	3	Driver	Nick
		Driver	
Bulktrk	P.U.	Driver	
		Driver	Rick

JOB SERVICES & REMARKS

Remarks:
Rat Hole
Mouse Hole
Centralizers 1-12
Baskets
D/V or Port Collar

Pipe on bottom break Circulation pump 1000 gal mud Clear 48 Plug Rat hole w/ 30 sk Hook to Casing & Mix 130 sk Cement shut down wash pump + lines Released plug & Displaced w/ 84 1/4 Bbl Released & held Lift pressure 600 # Land plug to 1500 #

Item		
Common		
Poz. Mix		
Gel.		
Calcium		
Hulls		
Salt		
Flowseal		
Kol-Seal		
Mud CLR 48	1000 gal	
CFL-117 or CD110 CAF 38		
Sand		
Handling		
Mileage		

FLOAT EQUIPMENT

Item		
Guide Shoe		
Centralizer	12	
Baskets		
AFU Inserts		
Float Shoe	1	
Latch Down	1	
Pumptrk Charge		
Mileage		
Tax		
Discount		
Total Charge		

X
Signature [signature]