Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1215893

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 # 32924
Name: Gilbert-Stewart Operating LLC
Address 1: 1801 BROADWAY STE 450
Address 2:
City: DENVER State: CO Zip: 80202 + 3883
Contact Person: Kent Gilbert
Phone: (303) 534-1686
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Adam Nighswonger
Purchaser: NCRA

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 #:

02/08/2014	02/17/2014	03/13/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23854-00-00
Spot Description:
_ NW NW NW Sec. 34 Twp. 21 S. R. 13 ☐ East ☑ West
330 Feet from ☑ North / ☐ South Line of Section
330 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: Stafford
Lease Name: RLS Well #: 6
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1890 Kelly Bushing: 1896
Total Vertical Depth: 3825 Plug Back Total Depth: 3798
Amount of Surface Pipe Set and Cemented at: 305 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 3825
feet depth to: 2500 w/ 225 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 8000 ppm Fluid volume: 920 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: Bob's Hauling Service
Lease Name: Siefkes B-2 License #: 33779
Quarter NW Sec. 13 Twp. 22 S. R. 12 ☐ East ☑ West
County: Stafford Permit #: D22209.0

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:** NAOMI JAMES **Date:** 08/04/2014

[redacted] 1215893

Operator Name: Gilbert-Stewart Operating LLC Lease Name: RLS Well #: 6

Sec. 34 Twp. 21 S. R. 13 ☐ East ☑ West County: Stafford

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

DIL
Por
MEL

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

Name	Top	Datum
Topeka	2848	-952
Lansing	3365	-1469
Viola	3642	-1746
Arbuckle	3720	-1824

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	305	Common	300	3% CC 2% Gel
Production	7.875	5.5	17	3823	Econo Bond	225	

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
2	3789-3792	Bridge Plug	3780
4	3741-3746	300 gallons Acid	3741-3746
4	3732-3737		
4	3720-3728	300 gallons Acid	3720-3728

TUBING RECORD: Size: 2.875 Set At: 3774 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 03/25/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	0	1		40

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
3720-3746

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

DRILL STEM TEST REPORT

Gilbert -Stew art Operating — **34-21-13w Stafford**

1801 Broadw ay Ste 450 Denver CO 80202+3883 — **RLS #6**

Job Ticket: 19132 — **DST#: 1**

ATTN: Adam Nighsw onger — Test Start: 2014.02.14 @ 02:18:00

GENERAL INFORMATION:

Formation: **LKC " I , J, K, L "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:27:00
Time Test Ended: 09:15:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320-Great Bend-50

Interval: 3506.00 ft (KB) To 3580.00 ft (KB) (TVD)
Total Depth: 3580.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

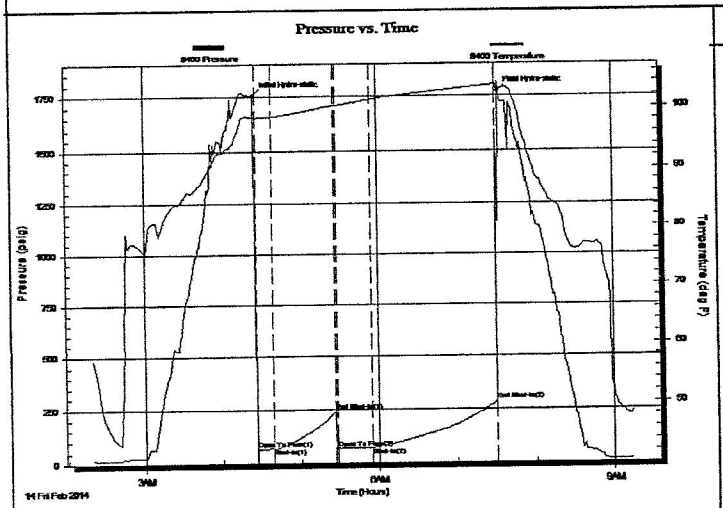
Reference Elevations: 1896.00 ft (KB)
1886.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8400

Press@RunDepth: 286.02 psig @ ft (KB)
Start Date: 2014.02.14 End Date: 2014.02.14
Start Time: 02:18:00 End Time: 09:15:00

Capacity: 5000.00 psig
Last Calib.: 2014.02.14
Time On Btm: 2014.02.14 @ 04:25:30
Time Off Btm: 2014.02.14 @ 07:32:00

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 1 inch into w ater in 15 minutes
1st Shut-in 45 Minutes-No blow back
2nd Opening 30 Minutes-Weak blow buuilt 2 1/2 inches into w ater in 30 Minutes
2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1757.28	98.39	Initial Hydro-static
1	66.58	98.24	Open To Flow (1)
14	69.73	98.41	Shut-In(1)
62	243.04	100.25	End Shut-In(1)
63	66.64	100.21	Open To Flow (2)
90	70.58	101.13	Shut-In(2)
185	286.02	103.54	End Shut-In(2)
187	1769.75	102.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	oil mud 10%oil 90%mud	0.14

Gas Rates

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

DRILL STEM TEST REPORT

Gilbert -Stew art Operating

1801 Broadw ay Ste 450 Denver CO 80202+3883

ATTN: Adam Nighsw onger

34-21-13w Stafford

RLS #6

Job Ticket: 19133 **DST#: 2**

Test Start: 2014.02.14 @ 19:18:00

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:16:00
Time Test Ended: 01:41:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320-Great Bend-50

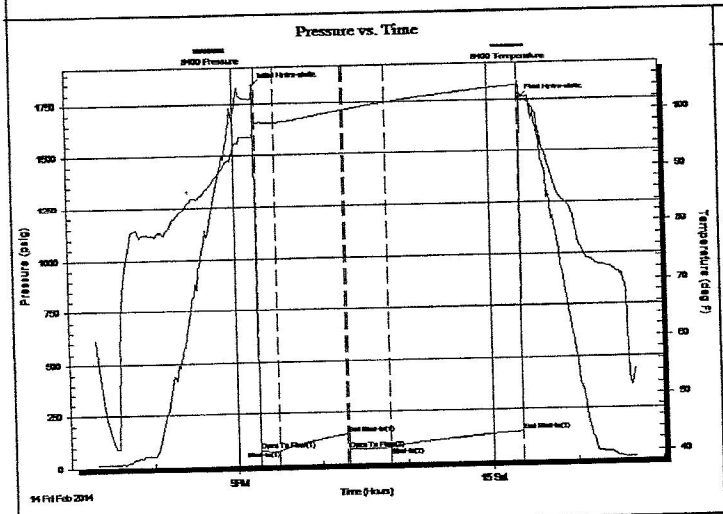
Interval: 3585.00 ft (KB) To 3660.00 ft (KB) (TVD)
Total Depth: 3660.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1896.00 ft (KB)
1886.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8400
Press@RunDepth: 138.95 psig @ ft (KB)
Start Date: 2014.02.14 End Date: 2014.02.15
Start Time: 19:18:00 End Time: 01:41:30

Capacity: 5000.00 psig
Last Calib.: 2014.02.15
Time On Btm: 2014.02.14 @ 21:14:30
Time Off Btm: 2014.02.15 @ 00:22:00

TEST COMMENT: 1st Opening 15 Minutes-Weak blow built 2 inches into w ater in 15 minutes
1st Shut-in 45 Minutes-No blow back
2nd Opening 30 Minutes-Weak blow built 2 inches into w ater in 30 minutes
2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.33	97.18	Initial Hydro-static
1	70.88	98.19	Open To Flow (1)
15	69.89	98.35	Shut-In(1)
63	140.19	100.30	End Shut-In(1)
64	68.77	100.34	Open To Flow (2)
94	77.78	101.53	Shut-In(2)
187	138.95	104.14	End Shut-In(2)
188	1754.77	103.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud	0.28

Gas Rates

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

DRILL STEM TEST REPORT

Gilbert -Stew art Operating

1801 Broadw ay Ste 450 Denver CO 80202+3883

ATTN: Adam Nighsw onger

34-21-13w Stafford

RLS #6

Job Ticket: 19134 **DST#: 3**

Test Start: 2014.02.15 @ 07:18:00

GENERAL INFORMATION:

Formation: **Viola**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:52:00
Time Test Ended: 15:10:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 3320-Great Bend-50

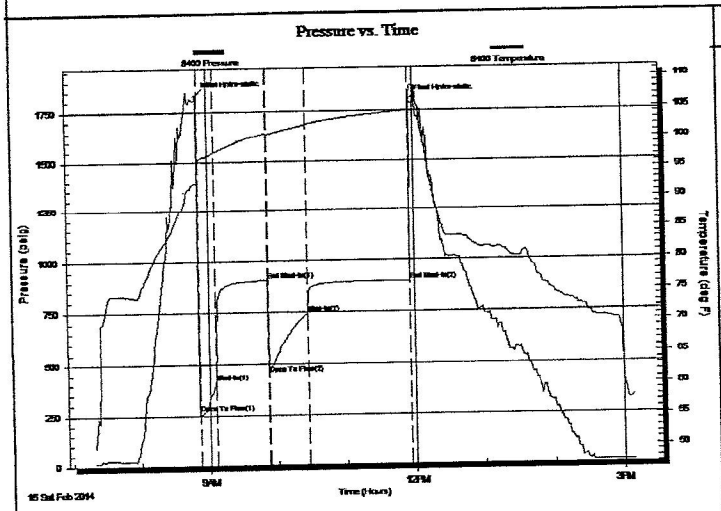
Interval: 3660.00 ft (KB) To 3680.00 ft (KB) (TVD)
Total Depth: 3680.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1896.00 ft (KB)
1886.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8400
Press@RunDepth: 900.32 psig @ 3677.00 ft (KB)
Start Date: 2014.02.15 End Date: 2014.02.15
Start Time: 07:18:00 End Time: 15:09:30

Capacity: 5000.00 psig
Last Calib.: 2014.02.15
Time On Btm: 2014.02.15 @ 08:51:00
Time Off Btm: 2014.02.15 @ 11:56:30

TEST COMMENT: 1st Opening 15 Minutes-Strong blow built bottom of bucket in 1 minutes
1st Shut-in 45 Minutes-Blow back
2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute gas to surface see gas report
2nd Shut-in 90 Minutes-Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.88	92.68	Initial Hydro-static
1	265.49	95.94	Open To Flow (1)
16	415.03	97.83	Shut-In(1)
61	906.45	100.85	End Shut-In(1)
62	453.29	100.70	Open To Flow (2)
96	740.02	102.30	Shut-In(2)
185	900.32	104.54	End Shut-In(2)
186	1805.50	106.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1980.00	clean gas oil	27.77
0.00	Gas in pipe	0.00
0.00	Gravity oil 45 gas sample w as taken	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	17.50	11.94
Last Gas Rate	0.13	10.50	9.32
Max. Gas Rate	0.13	17.50	11.94

DRILL STEM TEST REPORT

Gilbert -Stew art Operating

1801 Broadw ay Ste 450 Denver CO 80202+3883

ATTN: Adam Nighsw onger

34-21-13w Stafford

RLS #6

Job Ticket: 19135 **DST#: 4**

Test Start: 2014.02.16 @ 06:35:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:08:30
Time Test Ended: 15:26:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3320/50/Great Bend

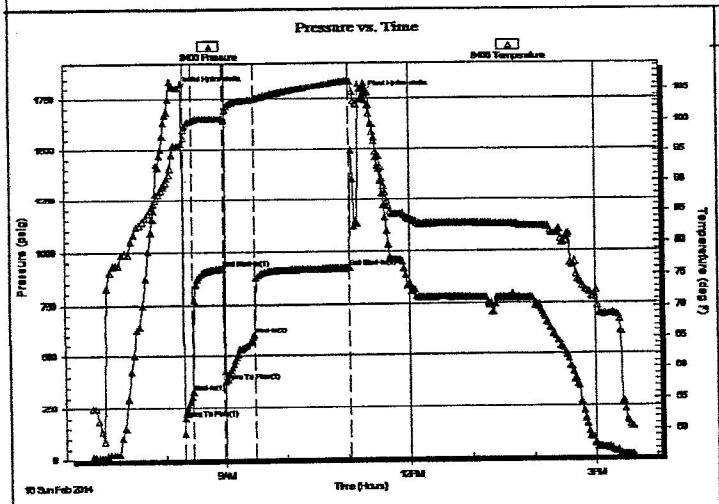
Interval: 3678.00 ft (KB) To 3730.00 ft (KB) (TVD)
Total Depth: 3730.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1896.00 ft (KB)
1886.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8400
Press@RunDepth: 921.18 psig @ ft (KB)
Start Date: 2014.02.16 End Date: 2014.02.16
Start Time: 06:45:00 End Time: 15:36:30

Capacity: 5000.00 psig
Last Calib.: 2014.02.16
Time On Btm: 2014.02.16 @ 08:14:00
Time Off Btm: 2014.02.16 @ 11:16:00

TEST COMMENT: 1st Open/ 10 Minutes. Strong blow built to bottom of 5 gallon bucket of w ater in 45 seconds.
1st Shut In/ 30 Minutes. Blow back built to 8 inches into 5 gallon bucket of w ater.
2nd Open/ 30 Minutes. Strong blow built to bottom of 5 gallon bucket in 1 minute 10 seconds. Gas to surface in 11 minutes and 30 seconds.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1800.35	95.92	Initial Hydro-static
5	200.32	98.63	Open To Flow (1)
14	328.72	100.05	Shut-In(1)
44	922.87	100.42	End Shut-In(1)
46	377.01	100.26	Open To Flow (2)
75	605.25	103.46	Shut-In(2)
168	921.18	106.57	End Shut-In(2)
182	1771.70	103.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2205.00	100% Clean Gassy Oil.	30.93
0.00	Oil Gravity corrrected w as 42.	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.20	7.34
Last Gas Rate	0.13	5.20	7.34
Max. Gas Rate	0.13	5.50	7.45

DRILL STEM TEST REPORT

Gilbert -Stew art Operating

1801 Broadw ay Ste 450 Denver CO 80202+3883

ATTN: Adam Nighsw onger

34-21-13w Stafford

RLS #6

Job Ticket: 19136 **DST#: 5**

Test Start: 2014.02.16 @ 19:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:20:30
Time Test Ended: 02:06:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Shane Konzem
Unit No: 3320/50/ Great Bend

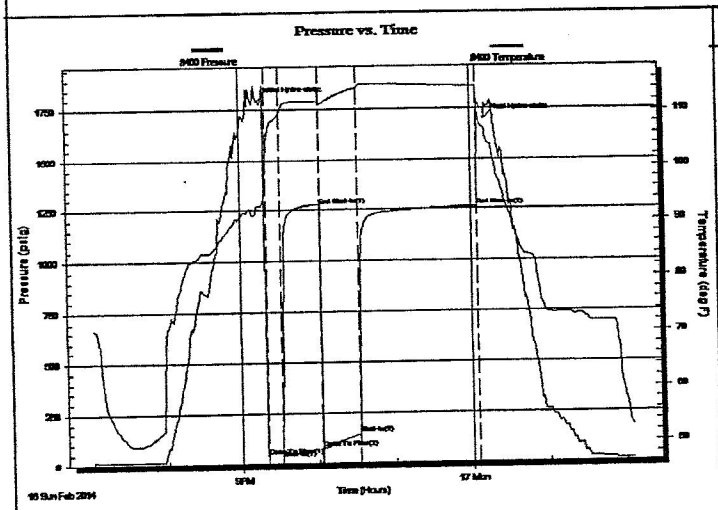
Interval: 3730.00 ft (KB) To 3738.00 ft (KB) (TVD)
Total Depth: 3738.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1896.00 ft (KB)
1886.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8400 **Outside**
Press@RunDepth: 1260.82 psig @ 3735.00 ft (KB)
Start Date: 2014.02.16 End Date: 2014.02.17
Start Time: 19:00:00 End Time: 02:06:30

Capacity: 5000.00 psig
Last Calib.: 2014.02.17
Time On Btm: 2014.02.16 @ 21:14:30
Time Off Btm: 2014.02.17 @ 00:11:00

TEST COMMENT: 1st Open/ 10 Minutes. Good blow built mto bottom of 5 gallon bucket of w ater in 4 minutes.
1st Shut In/ 30 Minutes. Blow back built to 1 inch.
2nd Open/ 30 Minutes. Good blow built to bottom of 5 gallon bucket of w ater in 6 minutes.
2nd Shut In/ 90 Minutes. Blow back built to bottom of 5 gallon bucket of w ater in 70 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.59	92.73	Initial Hydro-static
5	42.03	97.40	Open To Flow (1)
17	67.96	109.59	Shut-In(1)
48	1267.43	111.78	End Shut-In(1)
48	73.24	111.32	Open To Flow (2)
78	141.78	114.18	Shut-In(2)
170	1260.82	114.36	End Shut-In(2)
177	1701.97	106.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1071 feet of 100% gas	0.00
630.00	100% Clean gassy oil	8.84

Gas Rates

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

ASiC energy services, L.P.

TREATMENT REPORT

Customer: Gilbert-Stewart Operating	Lease No.		Date: 2-18-14
Lease: RLS	Well #: 6		
Field Order #: 4869	Station: Pratt, Kansas	Casing: 5½ 17Lb. Depth: 3823 Feet	County: Stafford, State: Kansas
Type Job: C.N.W. - Longstring	Formation	Legal Description: 34-21S-13W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5½ 17Lb./Ft.	Tubing Size	Shots/Ft: 125 sacks Cement		Acid: 50/50 Poz with	RATE: 48 Total	PRESS: Gel, 2% Calcium Chloride,	ISIP
Depth: 3823 Feet	Depth	From: 18 Fluid Loss	To	Pre Pad: .3% Friction Reducer, .2% Defoamer, 6% Gypsum,	Max		5 Min.
Volume: 88.7 Bbl.	Volume	From: .25% Salt Cell Flake, 5 Lb./Sk.	To	Pad	Min: Gilsonite		10 Min.
Max Press: 1500 P.S.I.	Max Press	From: 13.8 Lb./Gal.,	To	Frac: 6.34 Gal./Sk.,	Avg: 1.49 C.U.F.T./Sk.		15 Min.
Well Connection: Plug Container	Annulus Vol.	From: 50 sacks	To: 60/40	Poz to Plug Rat (30 sacks) and Mouse (20 sacks) Holes	HHP Used		Annulus Pressure
Plug Depth: 3804 Feet	Packer Depth	From	To	Flush: 88.3 Bbl. 2% KCL	Gas Volume		Total Load

Customer Representative: Kelly Branum	Station Manager: Kevin Gordley	Treater: Clarence R. Messick		
Service Units	37,216	27,463	19,826	19,860
Driver Names	Messick	McGraw	Hanson	

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:30					Trucks on location and hold safety meeting.
8:00					Southwind Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latch
					Down Baffle screwed into Collar and a total of 90 Joints new 17Lb./Ft. 5½"
					Casing, A Turbolizer was installed on Collars # 1, 3, 5, 7, 9, 11, 13, and # 15.
					A Bustet was installed above Collar # 16.
9:35					Casing in well. Circulate for 1 Hour.
9:45		2,000			Shut in well. Pressure Test. Open well.
9:48	300			6	Start Fresh water Pre-Flush.
	)		15	6	Start mud Flush.
	)		27	6	Start Fresh water Spacer.
			42	5	start mixing 50 sacks 60/40 Poz scavenger cement.
	300		60	5	start mixing 125 sacks 50/50 Poz Blend cement.
	-0-		93		stop pumping. Shut in well. Wash pump and lines.
					Release Latch Down Plug. Open well.
11:14	150			6	Start 2% KCL Displacement
			65	4	start to lift cement.
11:32	600		88.3		Plug down.
					Pressure up.
					Release pressure. Float Shoe held.
			7-5	3	Plug Rat and mouse holes.
					Wash up pump truck.
12:15					Job Complete.

Thank You. Clarence, Mike, Josh

Taylor Printing, Inc. 620-672-3656