



KANSAS CORPORATION COMMISSION 1100174
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31725
Name: Shelby Resources LLC
Address 1: 445 Union Boulevard
Address 2: Suite 208
City: LAKEWOOD State: CO Zip: 80228 +
Contact Person: Chris Gottschalk
Phone: (785) 623-1524
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Jeremy Schwartz
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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
10/12/2012 10/17/2012 10/18/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25763-00-00
Spot Description: _____
NE SW NE SE Sec. 25 Twp. 17 S. R. 14 East West
1755 Feet from North / South Line of Section
980 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Schlessiger Well #: 1-25
Field Name: _____
Producing Formation: N/A
Elevation: Ground: 1872 Kelly Bushing: 1881
Total Depth: 3475 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 848 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: 19000 ppm Fluid volume: 1000 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Shelby Resources LLC
Lease Name: Clark License #: 31725
Quarter SW Sec. 24 Twp. 17 S. R. 14 East West
County: Barton Permit #: E-30,783

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

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 11/08/2012



1100174

Operator Name: Shelby Resources LLC Lease Name: Schlessiger Well #: 1-25
 Sec. 25 Twp. 17 S. R. 14 East West County: Barton

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3062</td> <td>-1181</td> </tr> <tr> <td>Lansing</td> <td>3151</td> <td>-1270</td> </tr> <tr> <td>Stark</td> <td>3326</td> <td>-1445</td> </tr> <tr> <td>Arbuckle</td> <td>3380</td> <td>-1499</td> </tr> <tr> <td>Total Depth</td> <td>3475</td> <td>-1594</td> </tr> </table>	Name	Top	Datum	Heebner	3062	-1181	Lansing	3151	-1270	Stark	3326	-1445	Arbuckle	3380	-1499	Total Depth	3475	-1594
Name	Top	Datum																	
Heebner	3062	-1181																	
Lansing	3151	-1270																	
Stark	3326	-1445																	
Arbuckle	3380	-1499																	
Total Depth	3475	-1594																	

CASING RECORD <input checked="" 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
Surface	12.25	8.625	24	848	60/40 Poz	350	2% gel / 3% cc

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	-			

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	
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 (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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 6076

Date	10-12-12	Sec.	27	Twp.	17	Range	14	County	Barton	State	KS	On Location	2.30 pm	Finish	4.15
Lease	Schlessinger								Location						
Contractor	Schlessinger								Harrison 2w 1 1/4 W Winto						
Type Job	Surface								Well No. 1-25						
Hole Size	12 1/4								Owner						
Csg.	8 5/8								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.						
Tbg. Size									Charge To						
Tool									Street						
Cement Left in Csg.	44 ft								City						
Meas Line									State						
EQUIPMENT															
Pumptrk	5		No.	Cementer		Matt									
Bulktrk	13		No.	Driver		Brett									
Bulktrk	pu		No.	Driver		Levi									
JOB SERVICES & REMARKS															
Remarks:	Cement did circulate														
Rat Hole															
Mouse Hole															
Centralizers															
Baskets															
D/V or Port Collar															
	Handling 370 370														
	Mileage														
FLOAT EQUIPMENT															
	Guide Shoe 8 5/8														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down 1 Baffle plate														
	Rubber Plug														
	Pumptrk Charge Long Surface														
	Mileage 15														
	Tax														
	Discount														
	Total Charge														
Signature	Jimmy D. Salage														

QUALITY WELL SERVICE, INC.

5733

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	10-18-12	Sec.	25	Twp.	17	Range	14	County	Barton	State	KS	On Location		Finish	2:45-3:15pm	
Lease	Schlessiger		Well No.		1-25		Location									1165.5 rpton, KS 2W 1/4 N Winto
Contractor	Sterling #4				Owner				To Quality Well Service, 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	Rotary plug				T.D.				3476							
Hole Size					Depth				Charge To							Shelby
Csg.					Depth				Street							
Tbg. Size					Depth				City							State
Tool					Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.					Displace				Cement Amount Ordered							185 sx 60/10 4 1/2 gge 1
EQUIPMENT								1/4" # F10								
Pumptrk	No.	8			Cody		Common		115							
Bulktrk	No.	10			Sean		Poz. Mix		70							
Bulktrk	No.						Gel.		6							
Pickup	No.						Calcium									
JOB SERVICES & REMARKS								Hulls								
Rat Hole	30sx				Salt											
Mouse Hole					Flowseal				4625							
Centralizers					Kol-Seal											
Baskets					Mud CLR 48											
D/V or Port Collar					CFL-117 or CD110 CAF 38											
1st plug @ 3360 = 25sx								Sand								
2nd plug @ 900 = 40sx								Handling								191
3rd plug @ 350 = 30sx								Mileage								15
4th plug @ 70 = 10sx and wiper plug								FLOAT EQUIPMENT								
								Guide Shoe								
								Centralizer								
								Baskets								
								AFU Inserts								
								Float Shoe								
								Latch Down								
								8 5/8 Dry hole plug								
								Pumptrk Charge								Rotary Plug
								Mileage								15
Thank You!																
								Tax								
								Discount								
X Signature								Total Charge								

Scale 1:240 Imperial

Well Name: # 1-25 Schlessiger
Surface Location: Sec. 25 - 17S - 14W
Bottom Location:
API: 15-009-25763-00-00
License Number:
Spud Date: 10/11/2012 Time: 3:45 AM
Region: Barton County
Drilling Completed: 10/17/2012 Time: 12:30 PM
Surface Coordinates: 1755' FSL & 980' FEL
Bottom Hole Coordinates:
Ground Elevation: 1872.00ft
K.B. Elevation: 1881.00ft
Logged Interval: 2800.00ft To: 3475.00ft
Total Depth: 3475.00ft
Formation: Arbuckle
Drilling Fluid Type: Polymer/Fresh water gel

OPERATOR

Company: Shelby Resources, LLC
Address: 445 Union Blvd, Suite 208
Lakewood, CO 80228

Contact Geologist: Janine Sturdavant
Contact Phone Nbr: 303-907-2209 / 720-274-4682
Well Name: # 1-25 Schlessiger
Location: Sec. 25 - 17S - 14W API: 15-009-25763-00-00
Pool: Wildcat
State: Kansas Country: USA

LOGGED BY

Company: Shelby Resources, LLC
Address: 445 Union Blvd, suite 208
Lakewood, CO 80228

Phone Nbr: 720-274-4682 / 203-671-6034
Logged By: Geologist Name: Jeremy Schwartz

NOTES

The Schlessiger #1-25 well was drilled to an RTD of 3570', bottoming in the Arbuckle. A TookeDAQ gas detector unit was employed during the drilling of all prospective formations. Some slight shows were observed in the Lansing and Arbuckle.

One DST was conducted in the lower Lansing/Upper Arbuckle with negative results.

Based on the sample shows, lack of gas kicks, negative DST results, and log analysis, it was determined by all parties involved that the well be plugged.

The samples were saved and deposited at the Kansas Geological Survey well sample library, located in Wichita, Kansas for further review.

Respectfully submitted,
Jeremy Schwartz
Geologist

DAILY DRILLING REPORT

DATE	7:00 AM DEPTH	REMARKS
10/15/2012		geologist Jeremy Schwartz on location @ 1500 hrs, drilling Topeka, Heebner Toronto, Douglas, Lansing
10/16/2012	3314	drilling ahead, LKC, run short trip at 3340', drilled through Conglomerate and into Arbuckle. Show in Arbuckle warrants test
10/17/2012	3475	Completed DST #1, 15-009-25763-00-00, 1755' FSL & 980' FEL

WELL COMPARISON SHEET

DRILLING WELL Shelby Resources LLC. # 1-25 Schlessiger 1755' FSL & 980' FEL Sec. 25 T17S R14W					COMPARISON WELL Sam Gary #1-25 Schlessiger 1500' FSL & 1500' FEL Sec. 25 T17S R14W				COMPARISON WELL L.D. Drilling #1-25 John 330' FSL & 330' FEL Sec. 25 T17S R14W				
1881 KB					1884 KB		Structural Relationship		1883 KB		Structural Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Anhydrite	833	1048	832	1049		1884	-836	-835		830	1053	-4	
Topeka	2819	-938	2817	-936	2826	-942	4	6		2814	-931	-5	
Heebner	3062	-1181	3057	-1176	3066	-1182	1	6		3081	-1178	2	
Douglas	3086	-1205	3083	-1202	3092	-1208	3	6		3085	-1202	0	
Brown Lime	3140	-1259	3137	-1256	3144	-1260	1	4		3140	-1257	1	
Lansing	3151	-1270	3148	-1267	3154	-1270	0	3		3150	-1267	0	
Lansing H	3277	-1396	3173	-1292	3262	-1398	2	106		3285	-1402	110	
Stark	3326	-1445	3323	-1442	3331	-1447	2	5		3338	-1455	13	
Arbuckle	3380	-1499	3381	-1500	3386	-1502	3	2			1883	-3382	-3383
Total Depth	3475	-1594	3474	-1593	3480	-1596	2	3		3395	-1512	-82	-81

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 1755' FSL
 E/W Co-ord: 980' FEL

CONTRACTOR

Contractor: Sterling Drilling Co
 Rig #: 4
 Rig Type: mud rotary
 Spud Date: 10/11/2012
 TD Date: 10/17/2012
 Rig Release:
 Time: 3:45 AM
 Time: 12:30 PM
 Time:

ELEVATIONS

K.B. Elevation: 1881.00ft
 K.B. to Ground: 9.00ft
 Ground Elevation: 1872.00ft

ROCK TYPES

Chert vari
 Congl
 Chtcong
 Dolprim
 Lmst fw<7
 shale, grn
 Shgy
 shale, gry
 Carbon Sh
 shale, red

ACCESSORIES

MINERAL

Chert White
 Varicolored chert
 Pyrite

FOSSIL

Bioclastic or Fragmental
 Bryozoa
 Oolites

TEXTURE

Chalky
 Lithogr

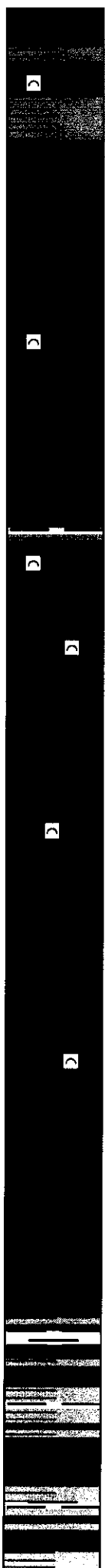
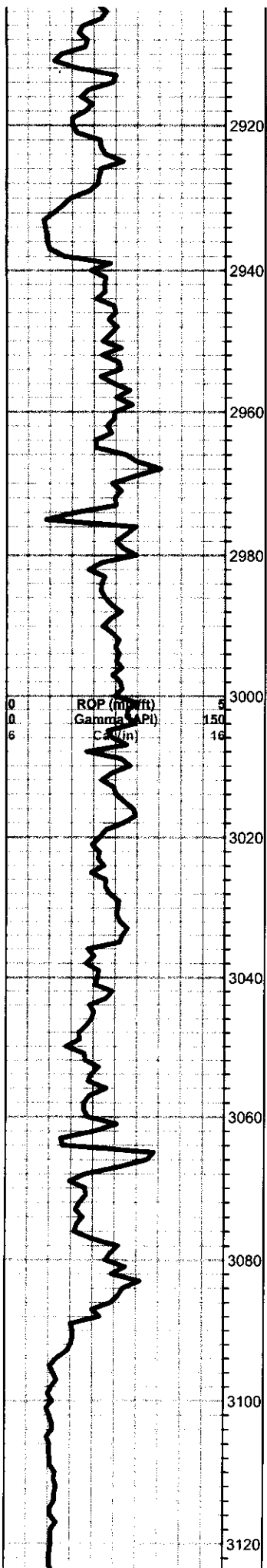
OTHER SYMBOLS

MISC

Daily Report
 Digital Photo

DST

DST Int
 DST alt



King Hill 2907 -1026

Limestone, tan to gray, micro- crypto xln, fossil fragments, some gray and black shale, no visible porosity, no shows

Shale, light to dark gray

Limestone, cream to gray, micro-crypto xln, fossilleforous, no visible porosity, no shows

Queen Hill 2973 -1092

Limestone, tan to gray, micro-crypto xln, some fossilleforous, some gray to green shale, no visible porosity, no shows

Lighter Test

Total Gas (units)	50
C1 (units)	50
C2 (units)	50
C3 (units)	50
C4 (units)	50

Limestone as above, fossilleforous, poor porosity, no shows

Heebner 3062 -1181

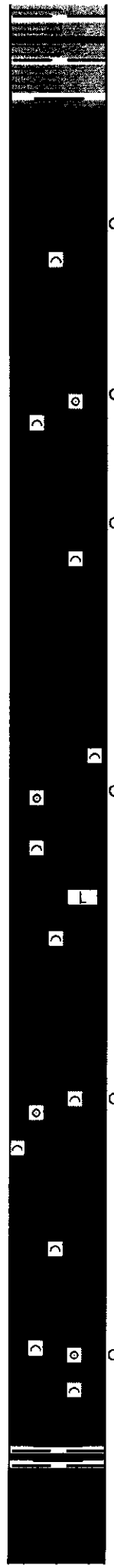
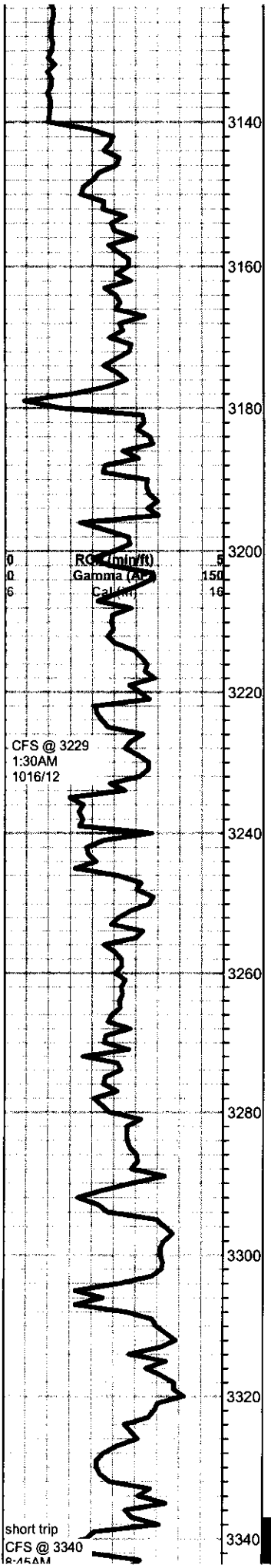
Shale, light gray to black carbonaceous, blocky, dense, some limestone, tan to gray, fossilleforous

Toronto 3077 -1197

Limestone, cream to white, some light gray, micro-crypto xln, some chalk, poor porosity, no shows

Douglas 3086 -1205

Shale, light gray-grayish silver and green with some reddish brown, soft



Brown Lime 3140 -1259

Limestone, brown to tan, micr-crypto xln, no shows

Lansing 3151 - 1270

limestone, cream to light gray, cryptocrystalline, dense, slightly fossiliferous, trace vuggy porosity, slight stain, slight show heavy free oil on break, no odor, no fluorescence, trace oolitic, dense, poor visible porosity, no show

as above, with: some gray pelletal, no porosity or shows

Limestone, gray, micro-crypto xln, gray oolitic, slightly oomoldic, poor porosity, slight stain, slight show free oil, faint odor, no fluorescence, fair green instant cut

Limestone, tan to cream, micro-crypto xln, dense, slightly fossiliferous, no visible porosity, slight show free oil, faint odor, no fluorescence

Limestone as above, trace chert

Limestone, cream, oolitic, some slight oomoldic, poor overall porosity, no show, with some cream to white limestone, chalky, fossiliferous, slight staining, slight show tarry, stringy oil, no odor in cup

Limestone, tan to cream, micro-crypto xln, fossiliferous to lithographic, dense, poor porosity, no shows or odor

Black carbonaceous shale

Limestone, cream to gray, oolitic, some light brown, micro-crypto xln, fossiliferous slight spotty solution vug staining, very faint odor

Limestone, cream to tan, some light brown, micro-crypto xln, fossiliferous poor porosity, no shows, no odor

Limestone, cream to light gray, micro-crypto xln, fossiliferous, some oolites, fair staining and saturation, good solution vugs, milky white cut, no odor in cup

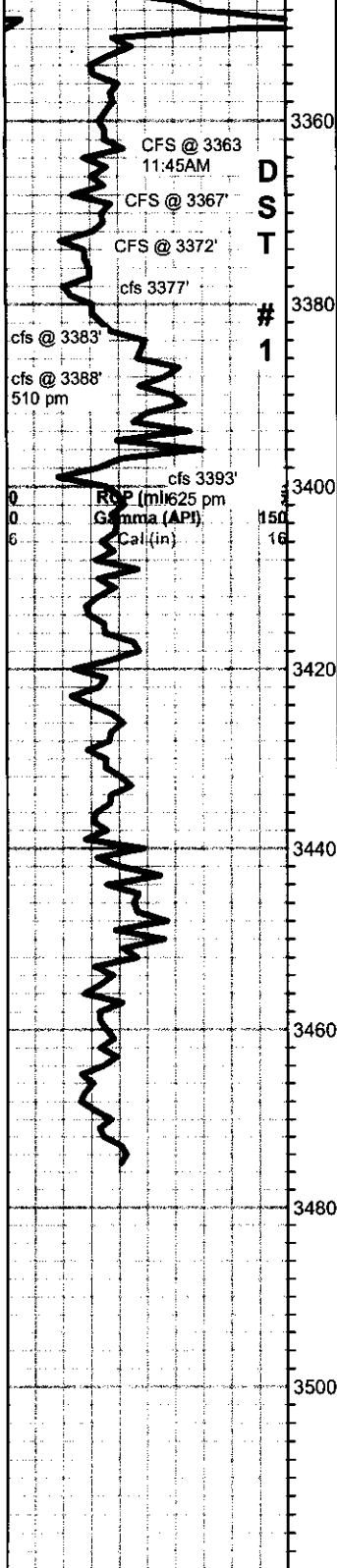
Stark Shale 3326 -1445

Shale, gray to green, soft

Limestone, cream to tan, micro-crypto xln, no shows, no odor

Total Gas (units)	50
C1 (units)	50
C2 (units)	50
C3 (units)	50
C4 (units)	50

10/16/12



conglomerate, red shale, cream broken limestone, with bryozoan fans, oolitic and fossiliferous (bryozoans) translucent cherts, stain on 1 specimen limestone

Conglomerate, abundant red shale, limestone, cream, fossiliferous, increase in cherts oolitic translucent/white chert, spotty show scaley oil sheen, poor overall porosity, no odor in cup

As above, influx orange chert, no shows, no odor

Schlessiger 1-25 DST#1.jpg

Arbuckle 3380 -1499

limestone, light gray, micro-xln, re-crystallized in part, cherty, dense, spotty black dead stain, no show free oil, faint odor

as above, with dolomite, gray to light gray, micro-xln, rhombic, trace oolitic, trace inter-xln porosity, scattered light brown to black dead stain, no show free oil, fleeting odor, abundant mixed to oolitic cherts

3393 cfs samples, as above, slight increase in stain, very slight show free oil, very faint odor, pale green/white mineral fluorescence, slow milky cut and halo

3398 Dolomite, light gray to gray, micro-xln, trace oolitic chert, trace inter-xln porosity, no shows, no odor

Dolomite, tan to cream, micro-xln, some slight inter-xln porosity, overall poor porosity, no shows, no odor

Dolomite, cream, micro-xln, trace chert, poor porosity, no shows, no odor

Dolomite, cream to white, micro-xln, poor overall porosity, no shows, no odor

RTD 3475 (-1594)

Rotary TD @ 3475 @ 12:30PM 10/17/12
Superior Well Services Logging TD @ 3474

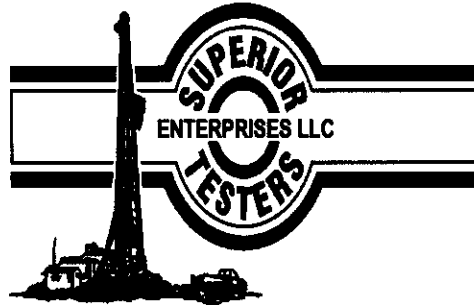
Mud-Co Mud Check
3336@8:15AM
10/16/12
Vis: 50, Wt: 9.3
PV: 16, YP: 10
WL: 7.6, Cake: 1/32
CHL: 5500ppm
Ca: 40ppm, pH: 10.0
Sol C: 6.8 LCM: 0
DMC: \$1402.25
CMG: \$9257.30

Total Gas (units)	50
C1 (units)	50
C2 (units)	50
C3 (units)	50
C4 (units)	50

Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Schlessiger 1-25
Doc ID	1100174

All Electric Logs Run

Dual Induction
Compensated Neutron
Micro
Sonic



DRILL STEM TEST REPORT

Prepared For: **Shelby Resources**

2717 Canal Blvd. Hays Kansas 67601

ATTN: Keith Reavis

Schlessiger 1-25

25-17s-14w-rtonBa

Start Date: 2012.10.16 @ 11:04:00

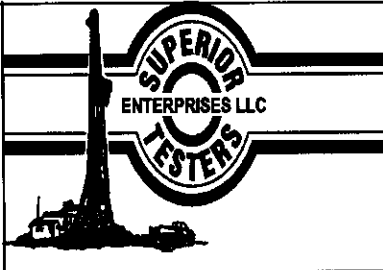
End Date: 2012.10.16 @ 17:47:00

Job Ticket #: 17860 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.10.17 @ 04:04:03

Shelby Resources
25-17s-14w-rtonBa
Schlessiger 1-25
DST # 1
Arbuckle
2012.10.16



DRILL STEM TEST REPORT

Shelby Resources
 2717 Canal Blvd. Hays Kansas 67601
 ATTN: Keith Reavis

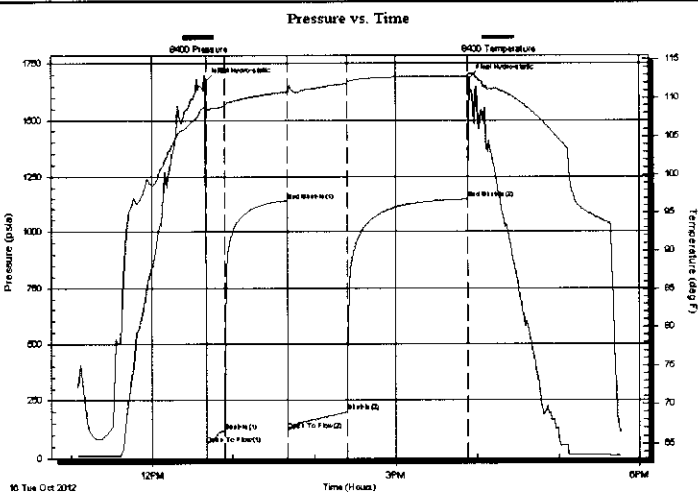
25-17s-14w-rtonBa
Schlessiger 1-25
 Job Ticket: 17860 **DST#: 1**
 Test Start: 2012.10.16 @ 11:04:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 12:40:30
 Time Test Ended: 17:47:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-32
 Interval: **3337.00 ft (KB) To 3398.00 ft (KB) (TVD)**
 Total Depth: 3398.00 ft (KB) (TVD)
 Reference Elevations: 1878.00 ft (KB)
 1872.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 6.00 ft

Serial #: 8400 **Outside**
 Press@RunDepth: 199.84 psia @ 3395.37 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.10.16 End Date: 2012.10.16 Last Calib.: 2012.10.17
 Start Time: 11:04:00 End Time: 17:47:00 Time On Btm: 2012.10.16 @ 12:40:00
 Time Off Btm: 2012.10.16 @ 15:54:00

TEST COMMENT: 1st Open 15 minutes Fair building blow blew 5 inches into bucket of water.
 1st Shut in 45 minutes No blow back.
 2nd Open 45 minutes Fair building blow blew bottom bucket 31 minutes.
 2nd Shut in 90 minutes No blow back.



PRESSURE SUMMARY

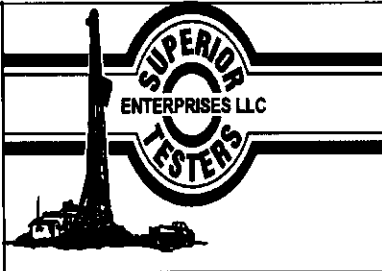
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1668.95	108.94	Initial Hydro-static
1	60.58	108.43	Open To Flow (1)
14	117.24	108.91	Shut-in(1)
60	1139.75	110.78	End Shut-in(1)
61	122.29	110.41	Open To Flow (2)
104	199.84	111.87	Shut-in(2)
193	1147.06	112.78	End Shut-in(2)
194	1683.84	113.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	Muddy w water 95% Mud 5% Water	1.51

Gas Rates

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



DRILL STEM TEST REPORT

Shelby Resources
 2717 Canal Blvd. Hays Kansas 67601
 ATTN: Keith Reavis

25-17s-14w-rtonBa
Schlessiger 1-25
 Job Ticket: 17860 **DST#: 1**
 Test Start: 2012.10.16 @ 11:04:00

GENERAL INFORMATION:

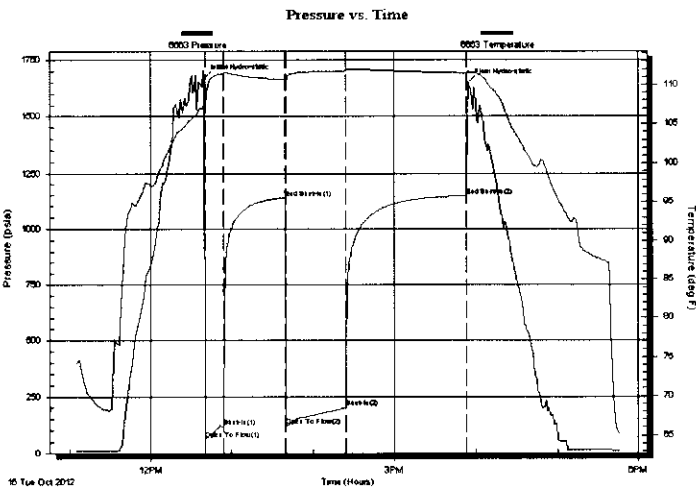
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:40:30
 Time Test Ended: 17:47:00
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-32
 Interval: **3337.00 ft (KB) To 3398.00 ft (KB) (TVD)**
 Total Depth: 3398.00 ft (KB) (TVD)
 Reference Elevations: 1878.00 ft (KB)
 1872.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 6663

Inside

Press@RunDepth: 1148.14 psia @ 3394.37 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.10.16 End Date: 2012.10.16 Last Calib.: 2012.10.17
 Start Time: 11:04:00 End Time: 17:46:30 Time On Btm: 2012.10.16 @ 12:40:00
 Time Off Btm: 2012.10.16 @ 15:54:00

TEST COMMENT: 1st Open 15 minutes Fair building blow blew 5 inches into bucket of water.
 1st Shut in 45 minutes No blow back.
 2nd Open 45 minutes Fair building blow blew bottom bucket 31 minutes.
 2nd Shut in 90 minutes No blow back.



PRESSURE SUMMARY

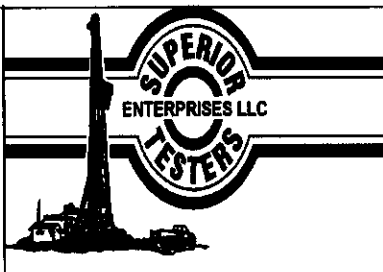
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1670.99	107.32	Initial Hydro-static
1	62.50	107.05	Open To Flow (1)
14	118.21	111.42	Shut-In(1)
60	1140.51	110.67	End Shut-In(1)
61	123.27	110.46	Open To Flow (2)
104	200.19	111.78	Shut-In(2)
193	1148.14	111.50	End Shut-In(2)
194	1648.81	111.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	Muddy w ater 95%Mud 5%Water	1.51

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources
 2717 Canal Blvd. Hays Kansas 67601
 ATTN: Keith Reavis

25-17s-14w-rtonBa
Schlessiger 1-25
 Job Ticket: 17860 DST#: 1
 Test Start: 2012.10.16 @ 11:04:00

Tool Information

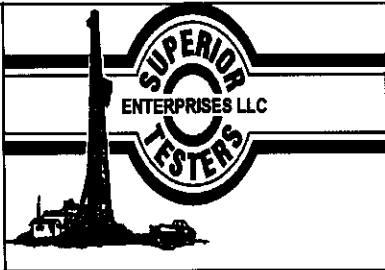
Drill Pipe:	Length: 3118.00 ft	Diameter: 3.80 inches	Volume: 43.74 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 216.25 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 69000.00 lb
			<u>Total Volume: 44.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.25 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3337.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.37 ft			
Tool Length:	81.37 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3322.00	
Hydrolic Tool	5.00			3327.00	
Packer	5.00			3332.00	20.00 Bottom Of Top Packer
Packer	5.00			3337.00	
Anchor	5.00			3342.00	
Change Over Sub	0.75			3342.75	
Drill Pipe	31.87			3374.62	
Change Over Sub	0.75			3375.37	
Anchor	18.00			3393.37	
Recorder	1.00	6663	Inside	3394.37	
Recorder	1.00	8400	Outside	3395.37	
Bull Plug	3.00			3398.37	61.37 Bottom Packers & Anchor

Total Tool Length: 81.37



DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources
 2717 Canal Blvd. Hays Kansas 67601
 ATTN: Keith Reavis

25-17s-14w-rt0nBa
Schlessiger 1-25
 Job Ticket: 17860 DST#: 1
 Test Start: 2012.10.16 @ 11:04:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	Muddy water 95%Mud 5%Water	1.509

Total Length: 248.00 ft Total Volume: 1.509 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

