1052864

KANSAS CORPORATION COMMISSION
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 # 33936
Name: Griffin, Charles N.
Address 1: PO BOX 347
Address 2:
City: PRATT State: KS Zip: 67124 + 0347
Contact Person: Charles N. Griffin
Phone: (720) 490-5648
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Bruce A. Reed
Purchaser: Sunoco Inc.

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

05/28/2010	06/06/2010	06/20/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23626-00-00
Spot Description: 55' S OF
S2 - SE - NE - NE Sec. 20 Twp. 24 S. R. 13 [ ] East [x] West
1045 Feet from [x] North / [ ] South Line of Section
330 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[x] NE [ ] NW [ ] SE [ ] SW
County: Stafford
Lease Name: SHRACK Well #: 1
Field Name: Van Lieu
Producing Formation: Arbuckle
Elevation: Ground: 1922 Kelly Bushing: 1930
Total Depth: 4120 Plug Back Total Depth: 4100
Amount of Surface Pipe Set and Cemented at: 264 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 16000 ppm Fluid volume: 700 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bobs Hauling Service Inc
Lease Name: Waters SWD License #: 33779
Quarter NW Sec. 30 Twp. 24 S. R. 14 [x] East [ ] West
County: Stafford Permit #: D24863

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:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

ALT [x] I [ ] II [ ] III Approved by: Deanna Garrison Date: 05/31/2011

Side Two

1052864

Operator Name: Griffin, Charles N. Lease Name: SHRACK Well #: 1

Sec. 20 Twp. 24 S. R. 13 ☐ East ☑ West County: Stafford

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Dual Induction Log
Compensated Density Neutron Log
Cement Sonic Bond Log

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

Name Attached | Top Attached | Datum 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	264	Common	250	
Production	7.875	5.5	15.5	4084	AA2	200	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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
4	4051-4056	250 gals 10% Mud Acid	

TUBING RECORD: Size: 2.875 Set At: 4050 Packer At: N/A

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 10/23/2010

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	0	0		

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:
4051-4056

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

Form	ACO1 - Well Completion
Operator	Griffin, Charles N.
Well Name	SHRACK 1
Doc ID	1052864

Tops

Name	Top	Datum
Heebner	3378	1448
Douglas	3419	1489
Brownliner	3519	1589
Lansing	3543	1613
Bottom Kansas City	3809	1879
Viola	3892	1962
Simpson	4009	2079
Arbuckle	4056	2126

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 1812 A

DATE TICKET NO.

DATE OF JOB 5-29-10 DISTRICT Kansas	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Griffin Management	LEASE Schrock #1 WELL NO.
ADDRESS	COUNTY Stafford 20-24-13 STATE Kans.
CITY STATE	SERVICE CREW A. Worth, J. Melson, M. Fre...
AUTHORIZED BY	JOB TYPE: 8 5/8" Surface Pipe CNW

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
38443 P.U.	1				
19959 2092D	1				
19832-21010	1				

	DATE	AM/PM	TIME
TRUCK CALLED	5-29-10	AM PM	500
ARRIVED AT JOB	5-29-10	AM PM	700
START OPERATION	5-29-10	AM PM	1200
FINISH OPERATION	5-29-10	AM PM	100
RELEASED	5-29-10	AM PM	215
MILES FROM STATION TO WELL	25 miles		

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
CP102	Common		250-SK		$ 4000.00
CC109	Calcium Chloride		705-lb		$ 740.25
CC102	Cell Flake		69-lb		$ 755.30
CF153	Wooden cement Plug 8 5/8"		1-EA		$ 160.00
E101	Heavy Equip. mileage		50-mi		$ 350.00
CE240	Blending & mixing Service chg.		250-mi		$ 350.00
E113	Bulk Delivery Chg.		254-TM		$ 470.00
CE200	Depth Charge 0'-500'		1-4hrs		$ 1000.00
CE504	Plug container Utilization chg.		1-Job		$ 250.00
S003	Service Supervisor first 8hrs on loc		1-EA		$ 125.00
E100	Unit mileage chg. Pickup		25-mi		$ 106.25
				SUB TOTAL	
				SERVICE & EQUIPMENT %TAX ON $	
				MATERIALS %TAX ON $	
				TOTAL	$ 4478.38

DLS

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE A. Worth

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Griffin Management	Lease No.	Date: 5-29-10	
Lease: Schrack	Well #: #1		
Field Order #: 17181812A	Station: Pratt KS	Casing: 8 5/8	Depth: 263
County: Stafford	State: KS		
Type Job: 8 5/8" Surface CNW	Formation: TD 264'	Legal Description: 20-24-13	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft	250 sks	Acid: Common 3% CC 1/4# Cell Flake 5.9#	RATE	PRESS: Cell Flake 5.9#	ISIP
Depth: 263	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 15	Volume	From	To	Pad	Min		10 Min.
Max Press: 300#	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 243	Packer Depth	From	To	Flush: Disp Fresh wt.	Gas Volume		Total Load

Customer Representative: Mark Dipman	Station Manager: Scotty	Treater: Allen Ewing			
Service Units	18443	19955	20920	19832	24010
Driver Names	Ewing	Joe	Melvin	Mike	Fran

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log: Maverick #108
700					On Loc. Discuss Safety, Setup. Plan To
1223					Hookup to csg w/Rig @ 263'
1240	200#			5	mix 250 sks Common w/3% cc
					1/4# cell Flake @ 5.9#
			52 1/2		Finish mix.
					Drop 8 5/8" wooden Plug.
1255				4	Start Disp. cap. 15.13 BBLS
100	300#		15		Plug down
					Shut In @ well
					Release PSI 0#
					washup & Rackup Equip.
215					Job complete.
					Cement To Pit
					Thanks Allen, Joe,
					M. Fran

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 02086 A

20-24S-13W . . . DATE . TICKET NO.

DATE OF JOB 6-7-10	DISTRICT Pratt, Kansas	NEW WELL ☑ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐	CUSTOMER ORDER NO.:
CUSTOMER Griffin Management		LEASE Schrack	WELL NO. 1
ADDRESS		COUNTY Stafford	STATE Kansas
CITY	STATE	SERVICE CREW C. Messick : M. Mattal : D. Phye	
AUTHORIZED BY		JOB TYPE: C.N.W. - Longstring	

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19,866	.75				
19,903-19,905	.75				
19,960-19,918	.75				

	DATE	AM/PM	TIME
TRUCK CALLED	6-6-10	AM PM	7:00
ARRIVED AT JOB	6-6-10	AM PM	11:30
START OPERATION	6-7-10	AM PM	7:30
FINISH OPERATION	6-7-10	AM PM	8:15
RELEASED	6-7-10	AM PM	8:30
MILES FROM STATION TO WELL	25		

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
CP105	AA2 Cement	sk	200		$ 3,400 00
CP103	60/40 Poz Cement	sk	30		$ 360 00
CC111	Salt (Fine)	Lb	915		$ 457 50
CC112	Cement Friction Reducer	Lb	94		$ 564 00
CC115	Gas Blok	Lb	188		$ 968 20
CC201	Gilsonite	Lb	1,000		$ 670 00
CF607	Latch Down Plug and Baffle, 5½"	ea	1		$ 400 00
CF1251	Auto Fill Float Shoe, 5½"	ea	1		$ 360 00
CF1651	Turbolizer, 5½"	ea	9		$ 990 00
CF1901	Basket, 5½"	ea	1		$ 290 00
C704	CS-1L	Gal	5		$ 175 00
CC151	Mud Flush	Gal	500		$ 430 00
E100	Pickup Mileage	mi	25		$ 106 25
E101	Heavy Equipment Mileage	mi	50		$ 350 00
E113	Bulk Delivery	tm	268		$ 428 80
CE205	Cement Pump: 4,001 Feet To 5,000 Feet	Job	1		$ 2,520 00
CE240	Blending and Mixing Service	sk	230		$ 322 00
CE504	Plug Container	Job	1		$ 250 00
5003	Service Supervisor	Job	1		$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		$ 7,533 09
SERVICE & EQUIPMENT	%TAX ON $	DLS
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE Lorena R. Mosier

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Griffin Management	Lease No.	Date: 6-7-10	
Lease: Schrack	Well #: 1		
Field Order #: 2086	Station: Pratt, Kansas	Casing: 5½ 15.5 lb.	Depth: 4,116 Feet
County: Stafford	State: Kansas		
Type Job: C.N.W. - Longstring	Formation	Legal Description: 20-24S-13W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5½ 15.5 LB./Ft.	Tubing Size:	Shots/Ft	Cement	200 sacks AA-2 with .5%	RATE	PRESS: Friction Reducer, 10% Salt	ISP
Depth: 4116 Feet	Depth	From	To	18 Gals Blok, 5 Lb/Sk. Gilsonite	Max		5 Min.
Volume: 18 Bbl.	Volume	From	To	5.3 Gal/Gal., 5.67 Gal/Sk., 1.36 CU.F	Min		10 Min.
Max Press: 1,600 P.S.I.	Max Press	From	To	Pad: Brac	Avg		15 Min.
Well Connection: Plug Container	Annulus Vol.	From	To: 50 sacks	60/40 Poz top plug	HHP Used: Rat (30 sks) and Mouse (20 sks)	Annulus Pressure: 118 lbs	
Plug Depth: 4095 Feet	Packer Depth	From	To	Flush: 97.5 Bbl. 2% KCL	Gas Volume		Total Load

Customer Representative: Charles Griffin | Station Manager: David Scott | Treater: Clarence R. Messick

Service Units	19,866	19,903	19,905	19,960	19,918						
Driver Names	Messick	Ma	#al	Phlye							

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:30	6-6-10		Trucks on location and hold safety meeting.		
4:00 A.M. 6-7-10			Maverick Drilling start to run Auto-Fill Guide Shoe, Shoe Joint		
			with Latch Down Baffle Screwed into collar and a total of 101 Joints new		
			15.5 Lb/Ft. 5½" casing. A Basket was installed above collar #3. Turbolizers		
			were installed on Collars #1, 2, 4, 5, 6, 7, 8, 9, and #10.		
6:20					Casing in well. Circulate for 1 hour.
7:25	300			6	Start 2% KCL Pre-Flush.
			20	6	Start Mud Flush.
			32	5	Start Fresh Water Spacer.
7:33	400		35	5	Start Mixing 200 sacks AA-2 cement.
	-0-		83		Stop pumping. Shut in well. Wash pump and
					lines. Release Latch Down Plug. Open Well.
7:45	100			6.5	Start 2% KCL Displacement.
				5	Start to lift cement.
8:00	800		97.5		Plug down.
	1,600				Pressure up.
					Release pressure. Float Shoe
	-0-		7-5	3	Plug Rat (30 sks) and Mouse (20 sks) holes.
					Wash up pump truck.
8:30					Job Complete.
					Thank You.
					Clarence, Mike, Dale

DRILLING INFORMATION
AND GEOLOGICAL REPORT

Operator:	Charles Griffin
Lease:	#1 Shrack
Survey:	SE NE NE
	Section 20-24S-13W
Field:	Van Lieu
County:	Stafford
State:	Kansas

Contractor:	Maverick Drilling, Rig 108
Elevation:	1922' GL / 1930' KB
Surface Casing:	8-5/8" @ 264'
Production:	5-1/2"
Mud Up:	3171'
Geologist:	3406'
Pipe Strap:	Pipe strap @ 3632' (+1.76' long to the board)
Survey:	Straight hole @ 3632' (3/4 degree deviation)
Testing:	2-Trilobite
Log:	Log Tech / Dual Compensated Porosity-Dual Induction
RTD:	4116'
LTD:	4120'

Daily Penetration

05/29/10	Spud
05/30/10	0771'
05/31/10	1825'
06/01/10	2542'
06/02/10	3115'
06/03/10	3605'
06/04/10	3705'
06/05/10	4012'
06/06/10	4070'
06/07/10	4116'

Drill Stem Tests

DST #1 3606' to 3632'. Strong blow, building to bottom of bucket in 3" on the initial flow period. Strong blow building to bottom of bucket in 5" of the second flow period. Recovered: 346' GIP, 80' MW with oil specks and 560' GCW. IFP/30" 41-182#, ISIP/45" 929#, FFP/30" 193-324#, FSIP/60" 930#.

DST #2 3994' to 4066'. Strong blow, building to bottom of bucket in 1" on the initial flow period. Strong blow, building to bottom of bucket in 1" of the second flow period. Recovered: 50' GIP, 150' GOCM (25% gas, 35% oil and 40% mud), 180' GMCO (40% gas, 36% oil and 24% mud), 2,550' CGO (27% gas and 73% oil) and 150' GOCM (30% gas, 26% oil and 44% mud). IFP/30" 208–886#, ISIP/45" 1389#, FFP/30" 824–1141#, FSIP/60" 1389#.

Formation Tops

Formation	Sample Top	Datum	Log	Datum	Structural Comparison*
Heebner	3378'	-1448	3383'	-1453	
Toronto	3401'	-1471	3406'	-1476	
Douglas	3419'	-1489	3422'	-1492	
Brown Lime	3519'	-1589	3523'	-1593	
Lansing	3543'	-1613	3547'	-1617	+8
B/KC	3809'	-1879	3813'	-1883	
Marmaton	3820'	-1890	3824'	-1894	
Conglomerate	3856'	-1926	3859'	-1929	
Viola	3892'	-1962	3896'	-1966	
Simpson	4009'	-2079	4013'	-2083	+12
Arbuckle	4056'	-2126	4050'	-2120	+23
Total Depth	4116'	-2186	4120'	-2190	

*Reference well for structural comparison: Stanolind Oil & Gas, #1 E. A. Van Lieu, NE SE NE of Section 20-24S-13W, Stafford County, Kansas

Zones of Interest

3573'-3580' Lansing B Zone – Limestone, cream, white to light gray. Fine crystalline to very slightly medium crystalline. Some scattered pinpoint porosity, most pieces appear tight. Sub-chalky in part. No shows.

3621'-3627' Lansing F Zone – Limestone, cream to white to light gray. Fine crystalline with rare medium crystalline. Some scattered pinpoint porosity. Faint odor detected in the fresh sample. Slight show of gas bubbles. This interval was covered in DST #1.

3715'- 3722' Lansing I Zone – Limestone, cream to light tan. Fine crystalline. Oolitic to oolicastic with poor to fair inter-oolicastic porosity. Questionable odor in the fresh sample. No show of free oil.

3994'-4005' Viola – Chert, white to off-white. Vitreous, sharp and blocky. Few pieces tripolitic with sponge texture. Fair to good porosity. There was no odor in the fresh sample. With a questionable show of free oil.

4029'-4034' Simpson Sand – Sandstone clusters, frosted white and sub-rounded. Poor to fair friability. Lots of individual sand grains in bottom of tray (frosted white and round). Good odor in fresh sample with some pieces with slight show free oil.

4056'-4066' Arbuckle - Dolomite, tan, cream to gray. Most pieces medium to course crystalline with scattered pinpoint vug. Samples appeared tight in the upper portion grading to better inter-crystalline porosity. Good strong odor in the fresh sample, a slight show of free oil and some spotted staining. Samples carried a lot of shale from the Simpson Formation. This interval was covered in DST #2.

(See enclosed strip log for reference)

Comments and Recommendations

All tops have been corrected to the electric log for structural comparison. This test ran structurally higher than the show hole to the south which recovered commercial quantities of oil from the Arbuckle formation.

There were slight shows of oil and gas noted during drilling in the Lansing/Kansas City. A drill stem test (DST #1) embraced the "F" zone in the Lansing/Kansas City formation and recovered non-commercial shows of oil and gas cut formation water.

The upper portion of the Arbuckle had slight shows of free oil, exhibited a strong odor in the fresh sample and there was spotted staining noted in the dry samples. A drill stem test (DST #2) embracing the Arbuckle recovered commercial quantities of oil and recorded excellent bottom hole pressure.

It was recommended to run an oil string of casing to further test this well through perforations from 4050' to 4057'.

Drill cuttings have been delivered to the Kansas Geological Survey.

Respectfully submitted,

Bruce A. Reed – Well Site Geologist