



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1282980  
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: \_\_\_\_\_

1282980

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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PAGE 1 of 1	CUST NO 1010354	YARD # 1718	INVOICE DATE 10/07/2015
INVOICE NUMBER <b>91936306</b>			

Pratt (620) 672-1201  
 B AMERICAN OIL LLC  
 I 1023 RESERVATION RD  
 L HAYS  
 T KS US 67601  
 O ATTN:

J LEASE NAME Shirer 1-17  
 O LOCATION  
 B COUNTY Barton  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40881159	20920		Net - 30 days	11/06/2015
<i>For Service Dates: 10/05/2015 to 10/05/2015</i>				
0040881159				
171812717A Cement-New Well Casing/Pi 10/05/2015				
Cement 8 5/8 Surface				
60/40 POZ		300.00	EA	5.40
Celloflake		75.00	EA	1.66
Calcium Chloride		774.00	EA	0.47
"Unit Mileage Chg (PU, cars one way)"		65.00	MI	2.02
Heavy Equipment Mileage		130.00	MI	3.38
839TM-Prop & Bulk Del. Chgs		1.00	EA	943.33
Depth Charge; 0-500'		1.00	EA	450.00
Blending & Mixing Service Charge		300.00	BAG	0.63
"Service Supervisor, first 8 hrs on loc.		1.00	EA	78.75

*22*  
*V-30210 ✓*  
*11508*  
*Cement 8-5/8 Surface*

*10/13/15 emailed field tickets to Zach*

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,342.03
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	158.29
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,500.32
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 12717 A

17-18-14

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>10-5-15</u> DISTRICT <u>Pratt</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>American oil LLC</u>		LEASE <u>Shirer</u>				WELL NO. <u>1-17</u>				
ADDRESS		COUNTY <u>Barton</u>		STATE <u>KS</u>						
CITY		STATE		SERVICE CREW <u>Matt Graves</u>						
AUTHORIZED BY		JOB TYPE: <u>cnw 8 3/4" surface</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>20420</u>	<u>.5</u>						<u>10-5-15</u>			<u>9:11</u>
						ARRIVED AT JOB				<u>12:45</u>
<u>19918</u>	<u>.25</u>					START OPERATION				<u>1:23</u>
						FINISH OPERATION				<u>2:00</u>
						RELEASED				<u>2:30</u>
						MILES FROM STATION TO WELL				<u>6.5</u>

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
CP 103	60/40 P22	SK	300		3,600.00
CC 102	Cellulose	lb	75		277.50
CC 109	Calcium Chloride	lb	776		812.70
E 100	P.M. Mils	M	65	292.50	19,012.50
E 101	heavy eq. Mils	M	130		975.00
E 113	PROP + 341K D-1	700	839		2,096.30
CP 200	D-APPI charge 0-5000	460	1		1,000.00
CP 240	Blend D + mix charge	50	300		420.00
5003	Supervision	ea	1		175.00

CHEMICAL / ACID DATA:			

SUB TOTAL		9,648.95
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		14,342.00

SERVICE REPRESENTATIVE <u>Matt Graves</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

FIELD SERVICE ORDER NO. \_\_\_\_\_

Customer American oil inc		Lease No.		Date 10-5-15	
Lease Shirley		Well # 1-17			
Field Order # 12717	Station Pratt	Casing 8 5/8	Depth 305.48	County Barton	State KS
Type Job COW 8 5/8 SURFACE			Formation	Legal Description 17-18-14	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 300 sacks 60/40 PZ	RATE	PRESS	ISIP	
Depth 305.48	Depth	From	To	Pre Pad 27% sol 3% c	Max 1/4 # cv		5 Min.	
Volume 17.4	Volume	From	To	Pad	Min		10 Min.	
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection 5 V	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 285.48	Packer Depth	From	To	Flush 18	Gas Volume		Total Load	

Customer Representative ZACH	Station Manager Kevin Galloway	Treater Mike MATTAL
Service Units 37550	33708 20920	19826 19915
Driver Names MATTAL	Graves	Morgan

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
12:45					On location / safety meeting
					Running pipe
1:05					casing on bottom
1:15					hook to casing / Break circ w. rig
1:22	50		3	4	Pump 3 bbl water
1:24	30		64	5	Mix 300 sacks 60/40 PZ @ 14.8
1:55	150			5	START DISPLACEMENT
2:00	150		1830	10	PIPS DOWN, SHUT IN WELL 15 bbls to surface
					Job complete
					Thank You!
					MIKE MATTAL
					SCOTT + MIKE



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1010354	1718	10/15/2015
<b>INVOICE NUMBER</b>			
<b>91943164</b>			

**Pratt** (620) 672-1201

B AMERICAN OIL LLC  
 I 1023 RESERVATION RD  
 L HAYS  
 L KS US 67601  
 T  
 O **ATTN:**

J **LEASE NAME** Shirer 1-17  
 O **LOCATION**  
 B **COUNTY** Barton  
 S **STATE** KS  
 I **JOB DESCRIPTION** Cement-New Well Casing/Pi  
 T **JOB CONTACT**  
 E

*Handwritten initials*

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40883625	86779		Net - 30 days	11/14/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 10/10/2015 to 10/10/2015</b>				
0040883625				
171812581A Cement-New Well Casing/Pi 10/10/2015				
Cement 5 1/2" Longstring				
AA2 Cement	140.00	EA	8.50	1,190.00 T
60/40 POZ	40.00	EA	6.00	240.00 T
Salt	776.00	EA	0.25	194.00 T
Gypsum	660.00	EA	0.38	247.50 T
FLA-322	106.00	EA	3.75	397.50 T
Gilsonite	700.00	EA	0.34	234.50 T
Celloflake	35.00	EA	1.85	64.75 T
Mud Flush	500.00	EA	0.75	375.00 T
"Latch Down Plug & Baffle, 5 1/2" (Blu	1.00	EA	200.00	200.00
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	180.00	180.00
"Turbolizer, 5 1/2" (Blue)"	6.00	EA	55.00	330.00
"5 1/2" Basket (Blue)"	1.00	EA	145.00	145.00
"Unit Mileage Chg (PU, cars one way)"	65.00	MI	2.25	146.25
Heavy Equipment Mileage	130.00	MI	3.75	487.50
543TM Propp and Bulk Delivery Chrg	1.00	EA	678.44	678.44
Depth Charge; 3001-4000'	1.00	EA	1,080.00	1,080.00
Blending & Mixing Service Charge	180.00	BAG	0.70	126.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	87.50	87.50
Plug Container Util. Chg.	1.00	EA	125.00	125.00

*Handwritten notes:*  
 22  
 V-30210 ✓  
 11508  
 Cement 5.5 Longstring

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>6,528.94</b>
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	<b>TAX</b>	<b>220.74</b>
PO BOX 841903	801 CHERRY ST, STE 2100	<b>INVOICE TOTAL</b>	<b>6,749.68</b>
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

17-18-14

FIELD SERVICE TICKET

1718 12581 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 10-16-2014		DISTRICT: P9241, KS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:					
CUSTOMER: American Oil LLC		LEASE: Shirer		WELL NO. 117					
ADDRESS:		COUNTY: Barton		STATE: KS					
CITY:		STATE:		SERVICE CREW: Darrin, Ed, Deryl					
AUTHORIZED BY:		JOB TYPE: CNW / 5 1/2 Constructions							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
86779	1						10-10	AM	7:30
19918	1/2						10-10	AM	7:30
							10-10	AM	10:45
							10-10	AM	11:45
							10-10	AM	12:00
						MILES FROM STATION TO WELL	68		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AP 2 Cement	SK	140		2,380.00
CP103	60/40 P02	SK	40		480.00
CC111	S91+	Lb	776		388.00
CC113	Gypsum	Lb	660		495.00
CC129	FLA-322	Lb	106		795.00
CC201	Gilsonite	Lb	700		469.00
CC102	Cellofibre	Lb	35		129.50
CF607	Latch Down Plug + Baffle, 5 1/2 (Blue)	ES	1		400.00
CF1251	Auto Fill Plug + Shoe 5 1/2" (Blue)	ES	1		360.00
CF1901	5 1/2" BSSK+ (Blue)	ES	1		280.00
CC151	Mud Flush	Gal	500		750.00
E100	Unit Mileage Charge - Dielectric, Shst, etc. etc	Mi	65		292.50
E101	Heavy Equipment + Mileage	Mi	130		975.00
E113	Proppant + Sand Bulk Delivery Charges, Portonair	Ton	543		1,356.88
CF240	Blending + mixing Service Charge	SK	180		252.00
CF204	Drain Charge, 3000 4000	Hhr	1		2160.00
S003	Service Supervisor, First 8 hrs on loc.	ES	1		175.00
CF504	Plug container w/ 125000 Charge	Job	1		250.00
CF1651	Toolbit 1201, 5 1/2 Blue	ES	6		660.00
SUB TOTAL					13,057.88

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		6,528.94

Discounted  
KCS

SERVICE REPRESENTATIVE: [Signature]  
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET  
1718 12581 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 10/16/20	DISTRICT: P151202	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: Cameron Oil LLC	LEASE: Shiner	WELL NO. 112							
ADDRESS:		COUNTY: Barton	STATE: KS						
CITY:	STATE:	SERVICE CREW: Dorn, F., D...							
AUTHORIZED BY:		JOB TYPE: C/W 5 1/2" completions							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
86779	1						10/16/20		
19918	1					ARRIVED AT JOB	10/16/20	AM	7:30
						START OPERATION	10/16/20	AM	8:00
						FINISH OPERATION	10/16/20	AM	1:00
						RELEASED	10/16/20	AM	1:00
						MILES FROM STATION TO WELL			68

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SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	Pr 2 Cement	SK	140		2,380.00
CP103	6" dia PO2	SK	40		480.00
CC111	Sgt	LB	776		388.00
CC113	Gyp 250m	LB	660		455.00
CC129	FLA-322	LB	106		795.00
CC201	G-150m	LB	700		469.00
CC102	Cellulose	LB	35		129.50
CF607	4500 Drain Plug + BSC (Blue)	FS	1		400.00
CF1231	4500 T-1 Flow Stop 5/2" (Blue)	FS	1		360.00
CF1501	5/2" Bumper (Blue)	FS	1		290.00
CC451	Mud	Gal	500		750.00
F100	un- M1000 Cheese 2" x 2 1/2" x 1/2"	M	65		392.50
F101	1" x 1/2" x 1/2" M1000	M	130		975.00
F113	Proppant Bulk 200 mesh Cheese	1/2"	513		1,356.88
CI 240	Blowdown M1000 Seal Cheese	SK	180		252.00
CI 204	Blowdown Cheese 200 mesh	4lb	1		2160.00
5003	Seal 2" x 2 1/2" x 1/2" M1000	FS	1		175.00
CF 104	Plug 4500 2" x 2 1/2" x 1/2"	FS	1		250.00
CF1651	Tu1601/201, 5/2" Blue	FS	6		660.00
SUB TOTAL					13,017.88
CHEMICAL / ACID DATA:					
SERVICE & EQUIPMENT					%TAX ON \$
MATERIALS					%TAX ON \$
TOTAL					16,225.00

SERVICE REPRESENTATIVE: <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>American Oil LLC</i>	Lease No.	Date	
Lease <i>Shiner</i>	Well # <i>1-17</i>		
Field Order # <i>12581</i>	Station <i>Pratt, KS</i>	Casing <i>5 1/2</i>	Depth <i>3560</i>
Type Job <i>CNU 5 1/2 Longstring</i>	Formation <i>TD-3570</i>	County <i>Barton</i>	State <i>KS</i>
		Legal Description <i>17-18-14</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>							5 Min.	
Depth <i>3560</i>	Depth	From	To	Pre Pad	Max			
Volume <i>84 3/4</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>3532</i>	Packer Depth	From	To	Flush <i>Fresh water</i>	Gas Volume		Total Load	

Customer Representative <i>Terry</i>	Station Manager <i>Kevin Gordley</i>	Treater <i>Darin Frisickin</i>
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Service Units	<i>92911</i>	<i>78982</i>	<i>86779</i>	<i>19826</i>	<i>19918</i>				
Driver Names	<i>Darin</i>	<i>Ed</i>	<i>Ed</i>	<i>Darin</i>	<i>Darin</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:30pm</i>					<i>on location / SSPR meeting</i>
					<i>3560' 5 1/2 Casing 15.5#</i>
					<i>C-1,3,5,6,7,9,11, B-2</i>
					<i>140SK AP2 cement</i>
					<i>50SK 60/90 P02</i>
<i>10:45pm</i>	<i>200</i>		<i>5</i>	<i>6</i>	<i>Pump 5 bbls water</i>
	<i>200</i>		<i>12</i>	<i>6</i>	<i>Pump 12 bbls Flush</i>
	<i>200</i>		<i>5</i>	<i>6</i>	<i>Pump 5 bbls water</i>
	<i>200</i>		<i>38</i>	<i>6</i>	<i>mix 140SK cement</i>
					<i>shut down</i>
					<i>Wash pump lines</i>
					<i>Release Plug</i>
	<i>200</i>		<i>0</i>	<i>7</i>	<i>Start displacement</i>
	<i>500</i>		<i>60</i>	<i>7</i>	<i>Lift Pressure</i>
	<i>600</i>		<i>75</i>	<i>3</i>	<i>slow rate</i>
	<i>1500</i>		<i>84</i>	<i>3</i>	<i>Bump Plug</i>
					<i>Flow</i>
	<i>100</i>		<i>7</i>	<i>3</i>	<i>Plug Re+hole - 30SK</i>
	<i>100</i>		<i>5</i>	<i>3</i>	<i>Plug mouse hole - 20SK</i>
<i>11:45pm</i>					<i>Job complete / Darin crew</i>
					<i>Thank you!!!</i>



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61956

Well Name & No. Shiner #1-17 Test No. 1 Date 9 OCT 15  
 Company American Oil LLC Elevation 1940 KB 1932 GL  
 Address 1023 Reservation Road Hays Kansas 67601  
 Co. Rep / Geo. Austin Klaus Rig Discovery Rig #1  
 Location: Sec. 17 Twp. 18S Rge. 14W Co. Barton State KS

Interval Tested 3450-3498 Zone Tested Arbuckle  
 Anchor Length 48ft Drill Pipe Run 3159 Mud Wt. 9.2  
 Top Packer Depth 3145 Drill Collars Run — Vis 49  
 Bottom Packer Depth 3450 Wt. Pipe Run 279.93 WL 8.8  
 Total Depth 3498 Chlorides 8000 ppm System LCM 1 1/2 #

Blow Description Strong blow/blow built to bottom of bucket in 2 minutes 45 seconds  
Blow back built to 6 inches  
Strong blow/blow built to bottom of bucket in 3 minutes 15 seconds  
Blow back built to 2 inches

Rec	Feet of	%gas	%oil	%water	%muc
<u>441</u>	<u>Water cut Muddy Emulsif. oil</u>	<u>80</u>	<u>5</u>	<u>15</u>	
<u>990</u>	<u>Clean gassy oil</u>	<u>20</u>	<u>80</u>		
Rec	Feet of	%gas	%oil	%water	%muc
Rec	Feet of	%gas	%oil	%water	%muc
Rec	Feet of	%gas	%oil	%water	%muc

Rec Total 1431 BHT 111 Gravity 33 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 1688  Test 6:06 pm T-On Location  
 (B) First Initial Flow 72  Jars 7:48 pm T-Started  
 (C) First Final Flow 337  Safety Joint 9:28 pm T-Open  
 (D) Initial Shut-In 1069  Circ Sub 11:43 pm T-Pulled  
 (E) Second Initial Flow 360  Hourly Standby 2:28 pm T-Out  
 (F) Second Final Flow 527  Mileage 31 Comments  
 (G) Final Shut-In 1078  Sampler  
 (H) Final Hydrostatic 1641  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder Sub Total  
 Day Standby Total  
 Accessibility MP/DST Disc't  
 Sub Total

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 45

Approved By [Signature] Our Representative [Signature]

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