

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 # _____

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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				

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HAWK 2-35
Doc ID	1318685

Tops

Name	Top	Datum
Heebner	4275	-1496
Lansing	4403	-1624
B/KC	4977	-2198
Marmaton	5025	-2246
Ft.Scott	5185	-2406
Cherokee	5202	-2423
Morrow	5508	-2729
St.Gen	5754	-2975

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HAWK 2-35
Doc ID	1318685

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5479'to 5499'		



CHARGE TO:
American Warrior Inc.
ADDRESS
CITY, STATE, ZIP CODE

TICKET 29433

PAGE 1 OF 2

SERVICE LOCATIONS
1. *Hays, KS*
2. *Ness City, KS*
3.
4.

WELL/PROJECT NO. *2-35* LEASE *Howe* COUNTY/PARISH *Seward* STATE *KS* CITY DATE *8-6-16* OWNER

TICKET TYPE SERVICE SALES CONTRACTOR *Duke Drilling Inc.* RIG NAME/NO. *Rig # 1* SHIPPED VIA DELIVERED TO *Location* ORDER NO.

WELL TYPE *Oil* WELL CATEGORY *development* JOB PURPOSE *Long String* WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
575		1			MILEAGE TRK # 113	120	Mi			5	00	600	00
575		1			Pump Charge - Long String	1	EA			1252	00	1252	00
290		1			D-AIR	3	YR			42	00	126	00
231		1			light blue	2	GM			25		50	00
281		1			Mud flush	500	YR			1	25	625	00
402		1			Centralizer	7	EA	5 1/2		60	00	420	00
403		1			Cement Basket	1	EA			252	00	252	00
406		1			Latch down plug & baffle	1	EA			225	00	225	00
407		1			Insert float shoe w/ H2O fill	1	EA			300	00	300	00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X *Mike [Signature]*

DATE SIGNED *8-6-16* TIME SIGNED *500pm* A.M. P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				P.1 PAGE TOTAL	3846 00
WE UNDERSTOOD AND MET YOUR NEEDS?				P.2	5337 75
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					9183 75
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>Seward</i> TAX	468 24
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	9057 99
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 29433

CUSTOMER American Warrior Inc. WELL HAW: 2-35 DATE 8-6-16 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		2				STANDARD Cement	200	SKS			12.25	2450.00
279		2				Bentonite 6-1	400	SKS			25.00	10000.00
283		2				SALT	1560	lbs			20.00	31200.00
292		2				HALAD 220	141	lbs			8.00	1128.00
276		2				Floclak	47	lbs			2.25	105.75
58		2				SERVICE CHARGE Cement					1.50	300.00
583		2				MILEAGE CHARGE	TOTAL WEIGHT 20948	LOADED MILES 120			7.50	942.00

CONTINUATION TOTAL \$337.75

JOB LOG

SWIFT Services, Inc.

DATE 8-6-16 PAGE NO.

CUSTOMER American Warner WELL NO. 2-35 LEASE Hawk JOB TYPE Long String TICKET NO. 29433

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							On location w/ float equip
								RTP - 6100
								LTD - 6108
								pipe - 6097'
								shoe - 44.15
								baffle a 6053
								Centralizers - 1, 3, 5, 7, 9, 11, 13
								Basket - 2
	1210							Start Running Csg
	325							Break line on Bottom
	355	2.5	7			0		plug Rat Hole - 30 SKS
		2.5	5			17		plug mouse Hole - 20 SKS
	400	5	12				300	pump mud flush
		5	20				300	pump 160L spacers
	410	6	0				400	Start CMT
		6	36				200	End Cmt
	415							Drop plug + Wash p #1
	420	9	0				0	start Disp
		8	110				400	catch CMT
	440	6	141				1000	land plug land psi - 1600 psi 1.6+ psi - 1000 psi
								Thanks
								David, Jon H. & Austin



CHARGE TO: American Warrior

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29583

PAGE 1 OF

SERVICE LOCATIONS
 1. Ness City KS WELL/PROJECT NO. 2-35 LEASE Hawk COUNTY/PARISH Seward STATE KS CITY Kismet DATE 1 AUG-16 OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR DUKE RIG NAME/NO. 1 SHIPPED via DELIVERED TO location ORDER NO.

3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE cement deep surface WELL PERMIT NO. WELL LOCATION 35-32-31

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE TRK 114	120		mi		5.00	600.00	
576D		1			Pump Charge	1		ea		1250.00	1250.00	
330		1			SMS cement	650		sk	15.75	11.50	7962.50	
276		1			Flocele	150		lb		2.25	337.50	
281		1			mud flush	500		gal		1.25	625.00	
221		1			KCL liquid	2		gal		25.00	50.00	
409		1			Turbolizer	8	3	in	ea	95.00	285.00	
412		1			Baffle Plate	8	1	in	ea	110.00	110.00	
410		1			Top Plug	8	1	in	ea	120.00	120.00	
581		1			Service charge	650		sk		1.50	975.00	
583		1			Drayage	64681	16		3980.89	TM	0.75	2910.67
											1750.67	

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED _____ TIME SIGNED _____ A.M. P.M. 17:00

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1750.67
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Seward CO TAX 1750 911 79
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				18412.46

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.		
					DESCRIPTION OF OPERATION AND MATERIALS	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS T C	PRESSURE (PSI) TUBING CASING	
American Wellco	2-35	Hawk	cement deep surface	29583		150 sk SMD cement w/ 1/4" floater 8 3/4" casing 4 1/2' TD = 1740' shoe at 42'
	1130					on loc TRX 114
	1250					start 8 3/4" casing in well
	1455					Circulate well
	1524	5	12		200	Pump 500 gal mud flush
		5	20		200	Pump 20 bbl KCl fluid
	1530	5 1/4	66		150	Mix SMD cement 150 sk @ 11.8 ppg
		5 1/4	181		150	Mix SMD cement 300 sk @ 12.5 ppg
		5 1/4	212		150	47X SMD cement 100 sk @ 13.5 ppg
		5 1/4	238		150	Mix SMD cement 100 sk @ 14.5 ppg
						150 sk @ 3.8 bbl mixed
		5 1/4			200	Release plug
					200	Displace plug
					450	← cement to surface ←
	1700	5 1/4	95		900	land plug
			108			{ 50 sk @ 14.5 ppg } { to pits }
	1703				900	slit in casing
						Wash back
						Pack up
	1745					job complete
						OK
						Blaine Flint, 150HC & 200HC

Geological Report

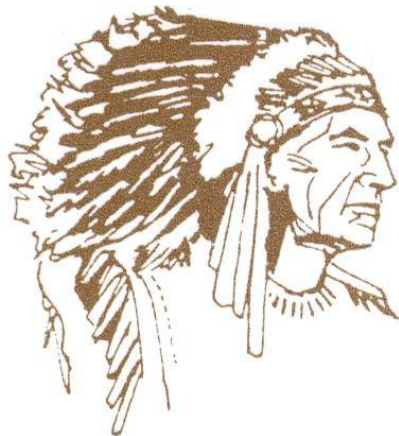
American Warrior, Inc.

Hawk #2-35

2208' FNL & 2121' FEL

Sec 35, T32s, R31w

Seward County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Hawk #2-35
2208' FNL & 2121' FEL
Sec. 35, T32s, R31w
Seward County, Kansas
API # 15-175-22248-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: July 31, 2016

Completion Date: August 7, 2016

Elevation 2767' G.L.
2779' K.B.

Directions: From Kismet, KS. Go NE on Hwy 54 2 miles and South into.

Casing: 1740' 8 5/8" #24 Surface Casing
6108' 5 1/2" #17 Production Casing

Samples: 4200' to RTD Kelly Down Dry

Drilling Time: None

Electric Logs: Pioneer Energy Services "T. Martin"
Stack Micro

Drillstem Tests: None

Problems: None

Formation Tops

Hawk #2-35

Sec. 35, T32s, R31w
2208' FNL & 2121' FEL

Heebner	4275' -1496
Lansing	4403' -1624
Stark	4869' -2090
Bkc	4977' -2198
Marmaton	5025' -2246
Fort Scott	5185' -2406
Cherokee	5202' -2423
Morrow	5508' -2729
St. Gen	5754' -2975
RTD	6100' -3321
LTD	6108' -3329

Structural Comparison

	American Warrior, Inc.		Colorado Oil & Gas		Anadarko Petroleum
	Hawk #2-35		Hawk #1-35		Saunders A #1
	Sec 35, T32s, R31w		Sec 35, T32s, R31w		Sec 35, T32s, R31w
Formation	2208' FNL & 2121' FEL		3300' FSL & 1980' FEL		3960' FSL & 3960' FEL
Heebner	4275' -1496	+2	4275' -1498	+7	4291' -1503
Lansing	4403' -1624	+1	4402' -1625	+4	4416' -1628
Stark	4869' -2090	+3	4870' -2093	+5	4883' -2095
BKc	4977' -2198	FL	4975' -2198	NA	NA
Marmaton	5025' -2246	+2	5025' -2248	+6	5040' -2252
Pawnee	5140' -2361	+4	5142' -2365	+10	5159' -2371
Fort Scott	5185' -2406	+2	5185' -2408	+8	5202' -2414
Cherokee	5202' -2423	+3	5203' -2426	+8	5219' -2431
Morrow	5508' -2729	FL	5506' -2729	NA	NA
St. Genieve	5754' -2975	-2	5750' -2973	+17	5780' -2992

Summary

The location for the Hawk 32-35 well was found via contour interval survey. The new well ran structurally as expected. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the Hawk #2-35 well.

		Perforations:
Primary:	St. Louis	(5918'-5926')
	Hodges Lwr	(4888'-4896')
Secondary:	Hodges Uppr	(4879'-4883')
	Chester FRAC	(5713'-5723')
	Atoka	(5497'-5501')
	Marmaton	(5045'-5049')
Before Abd:	Pawnee	(5149'-5153')
	Marmaton	(5030'-5032')
	Judy Lwr	(4932'-4936')
	Judy Uppr	(4917'-4921')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.

