

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32331
Name: DK Operating
Address 1: 24583 NW 208 road
Address 2: _____
City: Jetmore State: ks. Zip: 67854 + 6152
Contact Person: Danny King
Phone: (620) 357-6152
CONTRACTOR: License # 5929
Name: Duke Drilling Co. Inc.
Wellsite Geologist: Jason Alm
Purchaser: Sunco

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SLOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
9/18/09 9/23/09 12/29/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 083-21608 -0000
Spot Description: _____
NW Se NE NE Sec. 13 Twp. 22 S. R. 22 East West
916' 971' Feet from North / South Line of Section
596' 540' Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Hodgeman
Lease Name: Smiley Well #: 2-13
Field Name: Hanston Oppy East
Producing Formation: Mississippian
Elevation: Ground: 2146 Kelly Bushing: 2157'
Total Depth: 4409' Plug Back Total Depth: 4408'
Amount of Surface Pipe Set and Cemented at: 1318' 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/ API-Log-2/10/10 ^{SX CRT}

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 15000 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: King Oil LLC x Dan King
Title: Owner Date: 1-27-10
Subscribed and sworn to before me this 27th day of January,
20 10.
Notary Public: Janice J. Thoben
Date Commission Expires: 11-10-12

JANICE J. THOBEN
Notary Public - State of Kansas
My Appt. Expires 11/10/12

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
____ UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
FEB 04 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name: DK Operating Lease Name: Smiley Well #: 2-13
 Sec. 13 Twp. 22 S. R. 22 East West County: Hodgeman

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhy	1305'	+852
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Base Anhy	1336'	+821
List All E. Logs Run:		Heebner	3736'	-1579
<small>Depth Induction, Dual Compensated Porosity, Sonic, Micro and Bond</small>		Pawnee	4277'	-2120
		Ft. Scott	4316'	-2159
		Cherokee	4341'	-2184
		Mississippian	4386'	-2229

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	85/8	23#	1318'	SMD	450	1/4 Flocele
Production	77/8	51/2	15.5#	4408'	Standard	125sx	1/4# floceal

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				

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
4	4386' to 4395'	500 gal MCA	4386

TUBING RECORD: Size: <u>23/8</u> Set At: <u>4404</u> Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>NA</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. <u>15</u> Gas Mcf <u>0</u> Water Bbls. <u>5</u> 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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4386' to 4395'</u>
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CHARGE TO: American Warrior Inc.
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

RECEIVED
 CORPORATION COMMISSION
 FEB 04 2010
 CONFIRMATION DIVISION
 WICHITA, KS

TICKET
 No 17096
 PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Ness City KS</u>	WELL/PROJECT NO. <u>2-13</u>	LEASE <u>Smiley</u>	COUNTY/PARISH <u>Hodgeman</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>9-24-09</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke Drlg. Co.</u>	RIG NAME/NO. <u>5</u>	SHIPPED VIA	DELIVERED TO <u>Hanston</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Cement Longstring</u>	WELL PERMIT NO.	WELL LOCATION <u>Hanston 2E 1/4 N Winto</u>		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE Trk #114	45	mi	5	⁰⁰	225 ⁰⁰
578		1			Pump Charge Long String	1	cc	1400	⁰⁰	1400 ⁰⁰
402		1			Centralizer	9	cc	5 1/2	"	495 ⁰⁰
403		1			Cement Basket	1	cc	5 1/2	"	180 ⁰⁰
406		1			Latch Down Plug + Duff le	1	cc	5 1/2	"	225 ⁰⁰
407		1			Insert Float Shoe w/Auto Fill	1	cc	5 1/2	"	275 ⁰⁰
221		1			Liquid KCL	2	gal	25	⁰⁰	50 ⁰⁰
281		1			Mud Flush	500	gal	1	⁰⁰	500 ⁰⁰

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

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

X [Signature]
 DATE SIGNED 9-24-09 TIME SIGNED 1000 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	PAGE TOTAL 1	3350	06
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?						
WE UNDERSTOOD AND MET YOUR NEEDS?				Page #2	3612	20
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub total	6962	20
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	300	73
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		Hodgeman 6.45%		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	7262	93

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR Brett Corsair APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 17096

CUSTOMER American Warrior WELL Oil DATE 9-24-09 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M		
325		1				Standard Cement	175	sk			11.00	1925.00
276		1				Floccle	49	lbs	1/4"	sk	1.50	67.50
283		1				Salt	900	lbs	10	1/2"	0.15	135.00
284		1				Cal Seal	8	sk	5	Y.	30.00	240.00
285		1				CFR-1	125	lbs	3/4	Y.	4.00	500.00
290		1				D-Air	2	gal			35.00	70.00
581		1				SERVICE CHARGE					1.50	262.50
583		1				MILEAGE CHARGE					1.00	412.20
						TOTAL WEIGHT	18320					
						LOADED MILES	824400					
						CUBIC FEET	175					
						TON MILES	412.20					

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 FEB 24 2010
 CONSIGNEE: MARY ANN DIVISION
 WICHITA, KS

CONTINUATION TOTAL 3612.20

JOB LOG

SWIFT Services, Inc.

DATE 9-24-09 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-13 LEASE Smiley JOB TYPE Cement LongString TICKET NO. 17096

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	930							On Location TD 4410' Cent. 1,2,3,4,5,6,7,8,9 TP 4418' Basket, 3 SJ-20.86' PSC-4409
	1015							Start Casing
	1230							Break Circulation
	1315	6 3/4	32	✓			400	Pump Mud Flush & KCL Flush
	1322	3 1/2	7	✓				Plug Ret Hole - 30 sks
	1330	3 1/2	5	✓				Plug Mowc Hole - 20 sks
	1335	4 1/2		✓			400	Start Cement - 125 sks @ 15.5 ppq
	1355		30				-	Shut Down - Release Plug - Wash Pump Lines
	1357	6 3/4		✓			250	Start Displacement
		6 3/4		✓			400 800	Lift Cement Max Lift
	1415		104.4				1500	Land Plug - Releaser - Held Wash Truck
	1445							Job Complete Thank you Brett, Dave, Jason



CHARGE TO:
AMERICAN WARRIOR INC.
 ADDRESS:
 CITY, STATE, ZIP CODE:

RECEIVED
 KANSAS CORPORATION COMMISSION
 FEB 04 2010
 CONSERVATION DIVISION
 WICHITA, KS

TICKET
 No 16940

PAGE 1 OF 2

SERVICE LOCATIONS 1. Ness City, KS	WELL/PROJECT NO. 2-13	LEASE SMILEY	COUNTY/PARISH HODGEMAN	STATE Ks	CITY	DATE 9-18-09	OWNER SAME
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR DUKE DRILG #5	RIG NAME/NO.	SHIPPED VIA CT	DELIVERED TO LOCATION	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE 8 5/8" SURFACE	WELL PERMIT NO.	WELL LOCATION HANSTON, Ks - 2 1/2 E, 1/2 N, ES		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 114	45		MI		5.00	225.00
576D		1			PUMP CHARGE - DEEP SURFACE	1		JOB	1318	1100.00	1100.00
221		1			LIQUID KCL	2		GAL		25.00	50.00
281		1			MUD FLUSH	500		GAL		1.00	500.00
403		1			CEMENT BASKET	1		EA	8 5/8"	225.00	225.00
409		1			TURBO LIZERS	3		EA		90.00	270.00
410		1			TOP PLUG	1		EA		100.00	100.00
412		1			BAFFLE PLATE	1		EA		100.00	100.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

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

x *Kenneth McNeil*
 DATE SIGNED **9-18-09** TIME SIGNED **2:00** 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	PAGE TOTAL #1	2570.00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#2	8293.36
WE UNDERSTOOD AND MET YOUR NEEDS?				subtotal	10,863.36
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX	
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Hodgeman 6.45%	506.81
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	11,370.17
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *Wayne Wilson* APPROVAL: _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 16940

CUSTOMER: AMERICAN WARRIOR INC
WELL: SMILEY 2-13
DATE: 9-18-09
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UM		UNIT PRICE	AMOUNT
		LOC	ACCT	DE			QTY	UM	QTY	UM		
330		1				SWIFT MULTE-DRSDTY STANDARD	450	SWS			14.00	6300.00
276		1				FLOCELE	115	URS			1.50	172.50
290		1				D-ADR	4	GAL			35.00	140.00
581		1				SERVICE CHARGE						
583		1				MILEAGE CHARGE						
						TOTAL WEIGHT	44705					
						LOADED MILES	45					
						CUBIC FEET	450				1.50	675.00
						TON MILES	1005.86				1.00	1005.86

CONTINUATION TOTAL 8293.36

CUSTOMER AMERICAN WARRIOR INC WELL NO. 2-13 LEASE SMILEY JOB TYPE 8 5/8" SURFACE TICKET NO. 16940

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2030							ON LOCATION
	2230							START 8 5/8" CASING IN WELL
								TD-1325 SET = 1318'
								TP-1318 8 5/8" # 23
								ST-42'
								CENTRIZORS - 1, 5, 15
								CMT BSKTS - 16
	0055							BREAK CIRCULATION
	0125	6	12		✓		350	PUMP 500 GAL MUD FLUSH
	0127	6	20		✓		350	PUMP 20 BRIS KCL-FLUSH
	0140	5 1/2	71		✓		250	MAX CMPT - 150 SKS @ 11.7 PPG
		5 1/2	58		✓			150 SKS @ 12.5 PPG
		5 1/2	25		✓			75 SKS @ 13.0 PPG
		5	21		✓		150	75 SKS @ 14.0 PPG
	0208							RELEASE TOP PLUG
	0210	7	0		✓			DISPLACE PLUG
	0222	6 1/2	81.7				400	PLUG DOWN - SHUT IN
								CIRCULATED 50 SKS CMPT TO PET
								WASH TRUCK
	0300							JOB COMPLETE
								THANK YOU
								WAVE, BRETT, JEFF

Geological Report

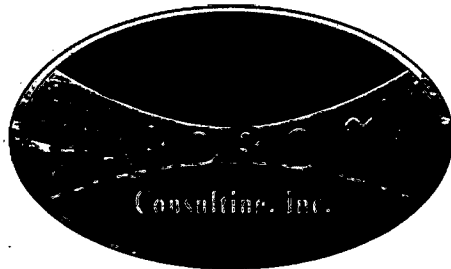
American Warrior, Inc.

Smiley #2-13

971' FNL & 540' FEL

Sec. 13 T22s R22w

Hodgeman County, Kansas



American Warrior, Inc.

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KANSAS CORPORATION COMMISSION

FEB 04 2010

CONSERVATION DIVISION
WICHITA, KS

General Data

Well Data: American Warrior, Inc.
Smiley #2-13
971' FNL & 540' FEL
Sec. 13 T22s R22w
Hodgeman County, Kansas
API # 15-083-21608-0000

Drilling Contractor: Duke Drilling Co., Inc. Rig #5

Geologist: Jason Alm

Spud Date: September 17, 2009

Completion Date: September 24, 2009

Elevation: 2146' Ground Level
2157' Kelly Bushing

Directions: Hanston KS, 2 mi. Northeast on Hwy 156, turn
North on county road, 200 feet North of county
road, West into location.

Casing: 1318' 8 5/8" surface casing
4409' 5 1/2" production casing

Samples: 10' wet and dry, 3700' to RTD

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Kenyon Bange"
CNL/CDL, DIL, MEL, BHCS

Drillstem Tests: One, Trilobite Testing, Inc. "Harley Davidson"

Problems: Loss of circulation before displacement

Remarks: None

Formation Tops

Formation	American Warrior, Inc.
	Smiley #2-13
	Sec. 13 T22s R22w
	-971' FNL & 540' FEL
Anhydrite	1305', +852
Base	1336', +821
Heebner	3736', -1579
Lansing	3795', -1638
Stark	4048', -1891
BKc	4156', -1999
Marmaton	4162', -2005
Pawnee	4277', -2120
Fort Scott	4316', -2159
Cherokee	4341', -2184
Mississippian	4386', -2229
RTD	4409', -2252
LTD	4410', -2253

Sample Zone Descriptions

Mississippian Osage (4386', -2229): **Covered in DST #1**
 Dolo – Δ – Fine sucrosic crystalline with fair to good vuggy porosity, heavy chert, triptolitic, heavily weathered with light to fair oil stain and saturation, show of free oil, very light odor, bright yellow fluorescents, 30 units hotwire.

Drill Stem Tests
Trilobite Testing, Inc.
"Harley Davidson"

DST #1

Mississippian Osage

Interval (4362' - 4394') Anchor Length 32'

IHP	- 2161 #	
IFP	- 45" - Built to 8 in.	44-113 #
ISI	- 45" - Dead	1098 #
FFP	- 45" - B.O.B. 31 min.	135-144 #
FSI	- 45" - Dead	1050 #
FHP	- 2142 #	
BHT	- 122°F	

Recovery: 280' GIP
 138' GOCM 15% Oil
 135' GWCMO 45% Oil, 10% Water

Structural Comparison

	American Warrior, Inc. Smiley #2-13 Sec. 13 T22s R22w 4971' FNL & 540' FEL	Wilcox Oil Corp. Kuhn #1 Sec. 13 T22s R22w C SW NE		Reed Cameron Pitts #1 Sec. 12 T22s R22w C SE SE	
Formation					
Anhydrite	1305', +852	1305', +848	(-4)	NA	NA
Base	1336', +821	NA	NA	NA	NA
Heebner	3736', -1579	3727', -1574	(-5)	3726', -1577	(-2)
Lansing	3795', -1638	3788', -1635	(-3)	3788', -1639	(+1)
Stark	4048', -1891	NA	NA	NA	NA
BKc	4156', -1999	NA	NA	NA	NA
Marmaton	4162', -2005	4161', -2008	(+3)	NA	NA
Pawnee	4277', -2120	NA	NA	4276', -2127	(+7)
Fort Scott	4316', -2159	4313', -2160	(+1)	4314', -2165	(+6)
Cherokee	4341', -2184	4336', -2183	(+1)	NA	NA
Mississippian	4386', -2229	4386', -2233	(+4)	4388', -2239	(+10)

Summary

The location for the Smiley #2-13 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Smiley #2-13 well.

Recommended Perforations

Mississippian Osage: (4386 – 4392) DST #1

Respectfully Submitted,

Jason Alm
Hard Rock Consulting, Inc.