

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

4/30/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4058

Name: American Warrior, Inc

Address 1: P O Box 399

Address 2: _____

City: Garden City State: KS Zip: 67846 + _____

Contact Person: Kevin Wiles, Sr

Phone: (620) 275-2963

CONTRACTOR: License # 5929

Name: Duke Drilling Co, Inc

Wellsite Geologist: Marc Downing

Purchaser: N/A

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.: _____

3/27/10 4/02/10 4/19/10

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23, 626 -0000

Spot Description: SW-NE-NW-SW

SW NE NW SW Sec. 19 Twp. 14 S. R. 14 East West

2220 Feet from North / South Line of Section

920 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: Russell

Lease Name: Reinhardt Well #: B7-19

Field Name: Gorham

Producing Formation: Arbuckle

Elevation: Ground: 1826' Kelly Bushing: 1834'

Total Depth: 3251' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 859 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 859 Feet

If Alternate II completion, cement circulated from: Surface

feet depth to: 859' w/ 300 sx cmt.

Drilling Fluid Management Plan AMINS 55:10
(Data must be collected from the Reserve Pit)

Chloride content: 11,000 ppm Fluid volume: 175 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: Marc Downing

Title: Geologist Date: 4/28/2010

Subscribed and sworn to before me this 29th day of April

20 10
Notary Public: Teaira Turner

Date Commission Expires: 10/15/2013

Teaira Turner
Notary Public - State of Kansas
My Appt. Expires 10/15/2013

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

RECEIVED
KANSAS CORPORATION COMMISSION

APR 30 2010

CONSERVATION DIVISION
WICHITA, KS

Operator Name: American Warrior, Inc

Lease Name: Reinhardt

APR 30 2010

Well #: B7-19

Sec. 19 Twp. 14 S. R. 14 East West

County: Russell

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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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: Dual Induction/Dual Compensated Porosity/Microresistivity/Borehole Compensated Sonic</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Stone Corral</td> <td>858'</td> <td>+976</td> </tr> <tr> <td>Topeka</td> <td>2712'</td> <td>-878</td> </tr> <tr> <td>Heebner</td> <td>2939'</td> <td>-1105</td> </tr> <tr> <td>Toronto</td> <td>2955'</td> <td>-1121</td> </tr> <tr> <td>Lansing</td> <td>2997'</td> <td>-1163</td> </tr> <tr> <td>BKC</td> <td>3225'</td> <td>-1391</td> </tr> <tr> <td>Arbuckle</td> <td>3246'</td> <td>-1412</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Stone Corral	858'	+976	Topeka	2712'	-878	Heebner	2939'	-1105	Toronto	2955'	-1121	Lansing	2997'	-1163	BKC	3225'	-1391	Arbuckle	3246'	-1412
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BKC	3225'	-1391																										
Arbuckle	3246'	-1412																										

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	12-1/4"	8-5/8"	23	859'	SMD	300	Flocele
Production	7-7/8"	5-1/2"	14	3245'	EA-2	130	

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 (Amount and Kind of Material Used)	Depth
4	3245'-3251'		

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TUBING RECORD: Size: 2-3/8" Set At: 3247' Packer At:		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. N/A		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. N/A	Gas Mcf N/A	Water Bbls. N/A
			Gas-Oil Ratio
			Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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: _____ _____
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CHARGE TO:
American Warrior, Inc.

ADDRESS

CITY, STATE, ZIP CODE

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TICKET
17450

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CONSERVATION DIVISION
WICHITA, KS

PAGE 1 OF 2

KCC
APR 30 2010
CONFIDENTIAL

SERVICE LOCATIONS
Hays, Mo
Ness City, Mo

WELL/PROJECT NO.
8#7

LEASE
Reinhardt

COUNTY/PARISH
Russell

STATE
Ks.

CITY

DATE
4-2-10

OWNER

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR
Duke Drlg

RIG NAME/NO.
#8

SHIPPED VIA
5/Balta Ks

DELIVERED TO

ORDER NO.

WELL TYPE
Oil

WELL CATEGORY
infield

JOB PURPOSE
Cement 5 1/2" Longstring

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 #113	4.5	Mi			5.00	225.00
578		1			Ramp Charge	1	ea			1400.00	1400.00
221		1			Liquid KCL	2	gal			25.00	50.00
281		1			Mud flush	500	gall			1.00	500.00
290		1			D-Air	2	gall			35.00	70.00
402		1			Centralizers	8	ea	5 1/2	in	55.00	440.00
403		1			Cement Baskets	1	ea	5 1/2	in	180.00	180.00
406		1			Latch down Plug & Baffle	1	ea	5 1/2	in	225.00	225.00
407		1			Insert Float Shoe w/Auto fill	1	ea	5 1/2	in	275.00	275.00
											3365.00

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 *4-2-10*

TIME SIGNED

A.M.
 P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE?

AGREE

UN-DECIDED

DIS-AGREE

YES NO

CUSTOMER DID NOT WISH TO RESPOND

P1	3425.00
P2	3879.00
subtotal	7244.00
Russell TAX 7.3%	360.97
TOTAL	7605.35

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

SWIFT OPERATOR *[Signature]*

APPROVAL

Thank You!

P. 1

1-785-798-2384

Kendra Mays

Apr 28 10 03:51P



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

TICKET CONTINUATION

TICKET No. 17450

CUSTOMER American Warrrior, Inc. WELL B #7 Reinhardt DATE 4-2-10 PAGE 2 OF 2

P. 2
1-785-798-2384
Kendra Mays
Apr 28 10 03:52p

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UNIT PRICE		AMOUNT	
		LOG	EXCISE	DE			QTY	UNIT	QTY	UNIT		
325		2				Standard Cement EA-2	175	SKS	16450	lbs	11.00	1925.00
276		2				Flacole	41	lbs			1.50	61.60
283		2				Salt	875	lbs			.15	131.25
284		2				Calseal	823	lbs	9	SKS	3000	2700.00
285		2				Flacole	823	lbs			6.50	5349.00
291		2				Halod 322	125	lbs			6.50	812.50
581		2				SERVICE CHARGE Comput					1.50	262.50
583		2				TOTAL WEIGHT 18317			LOADED MILES 45		1.00	412.13

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CONSERVATION DIVISION
WICHITA, KS

3879.38

JOB LOG

SWIFT Services, Inc.

DATE 4-2-10 PAGE NO. 7

CUSTOMER American Well, Inc. WELL NO. B # 7 LEASE Reinhardt JOB TYPE Cement Longstring TICKET NO. 17450

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes handwritten entries for times like 10:00, 11:15, 11:20, 12:15, 12:20, 12:46, 12:50, 13:00 and various operational notes.

Handwritten signature and name: Dan, Doug & Russell

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CONSERVATION DIVISION WICHITA, KS



CHARGE TO: American Warriors, Inc. **KCC**
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____
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TICKET
 17444

PAGE 1 OF 1

SERVICE LOCATIONS 1. <u>Hays, Ks</u>	WELL/PROJECT NO. <u>B# 7</u>	LEASE <u>Reinhardt</u>	COUNTY/PARISH <u>Russell</u>	STATE <u>Ks</u>	CITY <u>WICHITA, KS</u>	DATE <u>3-27-10</u>	OWNER
2. <u>Ness City, Ks</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke</u>	RIG NAME/NO. <u>#8</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>SW/Russell, Ks</u>	ORDER NO.	
3.	WELL TYPE <u>Dil</u>	WELL CATEGORY <u>infield</u>	JOB PURPOSE <u>Cement Surface</u>	WELL PERMIT NO.	WELL LOCATION		
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 #113	30		Mi		500	150.00
576 D		1			Pump Charge - Deep Surface	1		ea	859 ft	1100.00	1100.00
221		1			Liquid KCL	2		gal		2500	5000
281		1			Mud Flush	500		gal		1.00	500.00
290		1			D-Air	3		pk		3500	10500
409		1			Turbolizer Cent.	2		ea	8 5/8 IN	9000	18000
410		1			Top Plug	1		ea	8 5/8 IN	10000	10000
412		1			Baffle Plate	1		ea	8 5/8 IN	10000	10000
330		2			SMD Cement	300		SKS		14.00	4200.00
276		2			Flocele	75		lbs		1.50	112.50
581		2			Service Charge - Cement	300		SKS		1.50	450.00
583		2			Drayage	447.80		TU	29853 lbs	1.00	447.80

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
 DATE SIGNED _____ TIME SIGNED _____ 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	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				7495	30
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	7885 67

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

SWIFT OPERATOR [Signature] APPROVAL _____

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3-27-10 PAGE NO. 1

CUSTOMER American Carrier, Inc WELL NO. B #7 LEASE Reinhardt JOB TYPE Cement 8 5/8" Surface TICKET NO. 17444

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
3/27	1900							On location w/ Frack rig dets / circulating / Cat TRKS on location
	2305							Set up TRKS Rig start casing 8 5/8 23 1/4" to 859' Baffle in 1st collar - SJ - 42' Cent above 1 + 3 collars Welder weld 1-5 & last 5
3/28	0010							Fin run Casing -
	0015							Start Cir Casing
	0035							Fin cir
	0040	5					300	Start 500 gal Mud Flush
		5	12				300	Start 20 BBI KCL Flush
			32					Fin flushes - fill tanks
		5					300	Start mixing 100 SKS SMD @ 11.8 #/gal
		5	50				300	Start mixing 100 SKS SMD @ 12.7 #/gal
		4 1/2	90				250	Start mixing 50 SKS SMD @ 13.5 #/gal
		4	106				200	Start mixing 50 SKS SMD @ 14.5 #/gal
			118				200 50	Fin cent. - Cent circulating
	0015	5					300	Release Plug. (100 SKS to Pit @ 11.8 #/gal)
	0030	4	52				400 350	Start Displ Plug Down - Close in
	0045							Release & Wash up TRK
								Job Complete Pack up Get Catted off Location

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Thanks
Dan, Doug & Blaine

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WICHITA, KS

Geological Report

American Warrior Inc.
Reinhardt "B" #7
2220' FSL & 920' FWL
Sec. 19 T14S R14W
Russell County, Kansas

Marc Downing
Consulting Petroleum Geologist

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American Warrior, Inc.

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CONSERVATION DIVISION
WICHITA, KS

General Data

Well Data: American Warrior Inc.
Reinhardt "B" #7
2220' FSL & 920' FWL
Sec. 19 T. 14 S R. 14 W.
Russell County, Kansas
API # 15-167-23626-0000

Drilling Contractor: Duke Drilling, Rig #8

Spud Date: 3-27-10

Completion Date: 4-2-10

Elevation: 1826' Ground Level
1834' Kelly Bushing

Directions: Balta Rd, 3S, E into

Casing: 859' 8 5/8" surface casing
3245' 5 1/2" production pipe

Samples: 10' wet and dry, 2700' to RTD

Drilling Time: 2600' to RTD

Electric Logs: Log-Tech - J. Wellbrock
Density Neutron, Dual Induction, Micro,
Sonic

Drillstem Tests: Four, Trilobite Testing Inc. "Jason McClemore"

Problems: None.

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WICHITA, KS

Formation Tops

American Warrior, Inc.

Reinhardt "B" #7

Sec. 19-14s-14w

Formation	2220' FSL & 920' FWL
Anhydrite	858' (+976)
Base	942' (+942)
Topeka	2712' (-878)
Heebner	2939' (-1105)
Toronto	2955' (-1121)
Lansing	2997' (-1163)
BKC	3225' (-1391)
Arbuckle	3246' (-1412)
RTD	3251'
LTD	3254'

Sample Zone Descriptions

Plattsmouth 2876 (-1042):

LS: tan-brown, medium crystalline, dolomitic. Good inter-crystalline porosity w/ some total saturation and good show free oil. Good odor. 28 unit gas kick.

Plattsmouth 2890 (-1056):

LS: tan, fine-medium crystalline, dolomitic. Fair-good inter-crystalline porosity w/ scattered vugs, few oolitic rocks. Fair-good saturation w/ good show free oil, heavy in part. All fair-good odor.

Toronto 2956 (-1122):

LS: white-tan, fine-very fine crystalline, good inter-crystalline porosity. Good brown saturated stain, some total saturation. Spotted show free oil, fair odor. Scattered fossils. 8 unit gas kick.

LKCA-zone 2998 (-1164):

LS: white-tan, fine crystalline, sucrosic in part, scattered fossils. Fair inter-crystalline porosity w/ small vugs. Fair-good saturated stain w/ light brown show free oil, fair odor. 23 unit gas kick.

LKC C-zone 3020 (-1186):

LS: white, fine-medium crystalline, dolomitic w/ few oolitic rocks, good porosity. Good saturated stain w/ fair-good show free oil. Fair-good odor, free oil on cup. 30 unit gas kick.

LKC D-zone 3032 (-1198):

LS: white, oolitic, fair-good oolitic porosity. Good light brown saturated stain w/ fair-good show free oil. Fair-good odor.

LKC G-zone 3090 (-1256):

LS: white, oolitic. Good oolitic porosity, scattered light brown show free oil in porosity, many barred rocks. No odor.

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WICHITA, KS

LKC H-zone 3136 (-1302):

LS: white, mostly sub-crystalline-chalky. 1-2 pieces w/ poor-fair inter-crystalline porosity, fair stain, spotted show free oil, light odor.

LKC I-zone 3159 (-1325):

LS: white, fine crystalline and oolitic. 3-4 pieces w/ poor-fair oolitic porosity, spotted show free oil in porosity, light odor.

LKC J-zone 3182 (-1348):

LS: white-light tan, good oolitic porosity, good light brown stain and saturation w/ spotted show free oil. Light odor, 31 unit gas kick.

Arbuckle 3246 (-1412):

DOLO: tan-brown, fine-medium sucrosic crystalline, very sandy. Good inter-crystalline porosity, friable. Totally saturated w/ very good show free oil, gassy in part. Strong odor w/ much free oil on cup. 27 unit gas kick.

Drill Stem Tests

Trilobite Testing Inc.
Jason McClemore

DST #1

Plattsmouth:

Interval: 2870-2927

Times: 45-45-45-45

I.F. - Built to 3"

I.S.I. - dead

F.F. - Built to 2 1/2"

F.S.I. - dead

HP: 1379-1354#

BHT: 92° F

IFP: 34-44#

ISI: 417#

FFP: 46-55#

FSI: 379#

Recovery:

57' mud w/ oil spots

DST #2

LKC - C & D zones:

Interval: 3003-3040

45-45-45-45

I.F. - BOB 9 1/2 min

I.S.I. - 1/2" blowback

F.F. - BOB 12 min

F.S.I. - 1/2" blowback

HP: 1438-1410#

BHT: 98° F

IFP: 17-133#

ISI: 460#

FFP: 136-212#

FSI: 444#

Recovery:

10' clean oil

425' muddy water

80% water

Chlorides: 74,000 ppm

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WICHITA, KS

DST #3

LKC H, I, and J zones:

Interval: 3122-3190

30-30-45-45

I.F. - Built to 1/2"

I.S.I. - dead

F.F. - Built to 3"

F.S.I. - dead

HP: 1532-1517#

BHT: 95° F

IFP: 30-34#

ISI: 99#

FFP: 33-35#

FSI: 111#

Recovery:

30' OCM 10% oil

DST #4

Arbuckle:

Interval: 3220-3251

45-45-45-45

I.F. - BOB 9 min

I.S.I. - 6" blowback

F.F. - BOB 9 min

F.S.I. - 6" blowback

HP: 1584-1540#

BHT: 100° F

IFP: 15-92#

ISI: 1089#

FFP: 99-175#

FSI: 1088#

Recovery:

810' GIP

400' gassy oil 80% oil

20' GOCM 20% gas, 25% oil

Structural Comparison

American Warrior, Inc.

Reinhardt "B" #7

2220' FSL & 920' FWL

Russell Co., KS

15-167-23626-0000

Coop. Refining Assoc.

Reinhardt "B" #6

SW-NW-SW

Russell Co., KS

15-167-05574-0000

Formation

Anhydrite

858' (+976)

NA

Base

942' (+942)

NA

Topeka

2712' (-878)

(-880) +2

Heebner

2939' (-1105)

(-1106) +1

Toronto

2955' (-1121)

(-1123) +2

Lansing

2997' (-1163)

(-1166) +3

BKC

3225' (-1391)

NA

Arbuckle

3246' (-1412)

NA

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APR 30 2010

CONSERVATION DIVISION
WICHITA, KS

Summary

Due to structural position, DST recovery, and log evaluation, it was decided to set 5 ½" production casing for open hole completion in the Arbuckle.

Recommended Perforations

Arbuckle: Bottom 4' to 5' of hole if needed
LKC "A": 2997-3002 (Before Abandonment)

Respectfully Submitted,

Marc Downing

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