

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-13524064 0000

Operator: License # 4058
Name: American Warrior, Inc.
Address Box 399
Garden City, KS 67846
City/State/Zip _____

County Ness
210' SW W/2-NW - SW Sec. 35 Twp. 18S Rge. 21 X W
1870 Feet from S (circle one) Line of Section
150 Feet from E (circle one) Line of Section

Purchaser: EOTT
Operator Contact Person: Scott Corsair
Phone (785) 398-2270
Contractor: Name: Discovery Drilling, Inc.
License: 31548
Wellsite Geologist: Scott Corsair

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Witthuhn Well # 2-35
Field Name Ryersee

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation Cherokee
Elevation: Ground 2197 KB 2205
Total Depth 4251 PBDT _____
Amount of Surface Pipe Set and Cemented at 222.07 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1390' Feet
If Alternate II completion, cement circulated from 1390'
feet depth to surface w/ 135 sx cmt.

If Workover:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
10-13-98 10-20-98 4-29-99
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan AH.2 6-4-99 U.C.
(Data must be collected from the Reserve Ppt)

Chloride content 12,000 ppm Fluid volume 480 bbls
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite: _____

Operator Name _____
Lease Name _____ License No. _____
_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
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 on 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 Scott Corsair
Title Petroleum Engineer Date 5-25-99
Subscribed and sworn to before me this 25th day of May,
19 99.
Notary Public Bernice Moore
Date Commission Expires 2/7/02

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



RECEIVED
STATE CORPORATION COMMISSION
JUN 02 1999
6-2-99
CONSERVATION DIVISION
Wichita, Kansas

Operator Name **AMERICAN** American Warrior, Inc.

Lease Name Witthuhn Well # 2-35

Sec. 35 Twp. 18s Rge. 21 East West

County Ness

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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
 (Submit Copy.)

List All E.Logs Run: Dual Induction, Compensated Neutron Density

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Anhydrite	1407	+798
Heebner	3650	-1445
Lansing	3694	-1489
Base Kansas City	4007	-1802
Marmaton	4026	-1821
Pawnee	4095	-1890
Ft. Scott	4159	-1954
Cherokee Shale	4176	-1971
Mississippian Osage	4245	-2040

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 Pipe	12 1/4	8 5/8	28	222.07	60/40Poz	150	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	4250	EA/2	75	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Protect Casing	Surf. 1390	Swift multi-density	135	1/4# flocele
<input type="checkbox"/> Perforate				
<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	4215-4219		

TUBING RECORD Size 2 3/8 Set At 4240 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4-29-99 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	10		25		39

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 4215-19

Other (Specify) _____

ORIGINAL

SCOTT CORSAIR

PETROLEUM GEOLOGIST

210 Avenue A P.O. Box 6
Bazine, Ks 67516
785-398-2270 Mobile 785-731-5060
FAX 785-398-2586

GEOLOGICAL REPORT

AMERICAN WARRIOR, INC.

WITTHUHN #2-35
210' SW OF C W/2 NW SW
Section 35-18S-21W
Ness County, Kansas

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STATE CONSERVATION COMMISSION

JUN 02 1995

CONSERVATION DIVISION
Wichita, Kansas

OPERATOR: AMERICAN WARRIOR, INC.
 WELL: WITTHUHN No. 2-35
 API NO.: 15-135-24064
 LOCATION: 210' SW OF C W/2 NW SW, SEC. 35-18S-21W
 WELLSITE: FARMGROUND
 COMMENCED: OCTOBER 13, 1998
 COMPLETED: OCTOBER 20, 1998
 ELEVATIONS: 2197' GL ; 2205' KB
 TOTAL DEPTH: 4251' (DRILLER); 4251 (LOGGER)
 CASING: SURFACE: 8 5/8 @ 222' W/150 SKS
 PRODUCTION: 5 1/2 @ 4250' W/75 SKS
 PORT COLLAR @ 2436
 SAMPLES: 10 FT. FROM 3600' TO T.D.
 LOGS: DUAL INDUCTION, DUAL COMPENSATED
 POROSITY, BY LOG-TECH
 DRILLSTEM TESTS: NONE
 CONTRACTOR: DISCOVERY DRILLING (RIG 1)

REMARKS: Geological supervision: 3600' - T.D.

FORMATION TOPS	ELECTRICAL LOG SUBSEA		SAMPLES SUBSEA	
Anhydrite	1407	+798	1409	+796
Heebner	3650	-1445	3652	-1447
Lansing	3694	-1489	3697	-1492
Base Kansas City	4007	-1802	4010	-1805
Marmaton	4026	-1821	4026	-1821
Pawnee	4095	-1890	4094	-1889
Ft. Scott	4159	-1954	4158	-1953
Cherokee Shale	4176	-1971	4175	-1970
Mississippian Osage	4245	-2040	4245	-2040

STATE CORPORATION COMMISSION

JUN 02 1999

SAMPLE ZONE DESCRIPTION

Logger's Measurements

LANSING-KANSAS CITY 3694 -1489

There were no shows of oil/gas observed in the porous zones during the drilling of the Lansing-Kansas City section.

Marmaton 4026 -1821

There were no shows of oil/gas observed during the drilling of the Pawnee section.

FT. SCOTT 4159 -1954

4162-4166, **Limestone:** gray to tan, fossiliferous and sparry, poor intercrystalline porosity, very slight show of free oil, fair fluorescence and good cut, no odor.

CHEROKEE 4176 -1971

4214-4220, **Sandstone:** clear, well sorted, round, friable clusters, poor fluorescence, fair cut when broke.

4223-4228, **Sandstone:** clear, poorly sorted, angular to sub-rounded, friable clusters, good fluorescence, excellent cut when clusters are broke.

MISSISSIPPIAN OSAGE 4245 -2040

Dolomite: brown, sucrosic, good show of dark black oil, good porosity, **Chert:** white, weathered tripolitic, good vuggy porosity, good show of free oil, excellent fluorescence and excellent cut, good odor.

FORMATION	AMERICAN WARRIOR, INC. Witthuhn #2-35 210' SW, C W/2 NW SW 35-18S-21W	AMERICAN WARRIOR, INC. Witthuhn #1-35 100' N, C NW SW NW 35-18S-21W	MACK OIL CO. #A-1 MELLICK OWWO 150' W, SW NW 35-18S-21W
Anhydrite	+798	+802	+796
Lansing	-1489	-1493	-1496
Cherokee	-1971	-1974	-1975
Mississippian Osage	-2040	-2044	-2075

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JUN 02 1997

3
CONSERVATION DIVISION
Wichita, Kansas

SUMMARY AND RECOMMENDATIONS

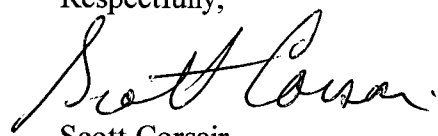
Structural position and Electrical log analysis indicate probable commercial production from the Mississippian Osage and Cherokee. Based upon available data 5 1/2" production casing was set.

Pipe was set 1 foot off bottom @ 4250'. The following zones are recommended for testing.

- 1. Mississippian Osage: 4240-4250
- 2. Cherokee Sand: 4223-4228
- 3. Cherokee Sand: 4218-4221
- 4. Ft. Scott: 4162-4168 (before abandonment)

Measurements were taken from rotary kelly bushing (8 feet above ground level). Logger's measurements are taken as correct.

Respectfully,



Scott Corsair
Petroleum Geologist

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JUN 02 1994

CONSERVATION DIVISION
Wichita, Kansas



HALLIBURTON ENERGY SERVICES

1906-Q

CHARGE TO: AMERICAN WARRIOR
 ADDRESS: P.O. Box 399
 CITY, STATE, ZIP CODE: GARDEA CITY, KS 67846

CUSTOMER COPY

TICKET

No. ORIGINAL

460004 - 6

PAGE 1 OF

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY/OFFSHORE LOCATION	DATE	OWNER
1. TRACT 5.	2-35	WITHHOLD	NESS	KS		10-14-98	SAME
2. TICKET TYPE	NITROGEN JOB?	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
<input checked="" type="checkbox"/> SERVICE	<input type="checkbox"/> YES	DISCOVERY DRILL #1		W.T.	WELL SITE		
3. <input type="checkbox"/> SALES	<input checked="" type="checkbox"/> NO	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS	01	01	010			

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
			LOC	ACCT	DF							
	000-117		1			MILEAGE	45	MI.			3.65	164.25
	000-119		1			MILEAGE NEW	90	MI.	215			N/C
	001-016		1			Pump CHARGE	4	HO.	222	ft.		1630.00
	030-503		1			8 5/8 PARG WOOD CUP TAP	1	EA.				95.00
			1			BUCK TIC #100470						2113.82

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 STATE OF KANSAS
 JUN 12 1998
 CONSERVATION DIVISION
 Wichita, Kansas

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.

DATE SIGNED: 10-14-98
 TIME SIGNED: 13:00
 A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

TYPE LOCK	SUB SURFACE SAFETY VALVE WAS:		PAGE TOTAL 4003.07
BEAN SIZE	<input type="checkbox"/> PULLED & RETURN	<input type="checkbox"/> PULLED <input type="checkbox"/> RUN	
DEPTH	TYPE OF EQUALIZING SUB.	CASING PRESSURE	FROM CONTINUATION PAGE(S)
SPACERS	TUBING SIZE	TUBING PRESSURE	WELL DEPTH
	TREE CONNECTION	TYPE VALVE	SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): SGT. CORSAK
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]
 HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP # 50848
 HALLIBURTON APPROVAL: [Signature]

ORIGINAL

ORIGINAL



Halliburton Energy Services

DATE: 10-13-1998

TIME: 18:23:52

SERVICE TICKET: 460004

PRATT-25555

BULK TICKET ONLY: 100470

JOB PURPOSE: SURFACE COMPANY TRUCK: :52530 DRIVER: J. SIMMONS

CUSTOMER: AMERICAN WARRIOR

LEASE & WELL#: WITTHUHN 2-35

504-136	40/60 POZMIX CEMENT	150	SKS.	8.71	1306.50
509-406	CALCIUM CHLORIDE	4	SKS.	46.90	187.60
500-207	SERVICE CHARGES	158	CU FT	1.66	262.28
					TOTAL 1756.38
500-306	WEIGHT: 12709	MILES: 45	TON MILES: 285.95	1.25	357.44
					TOTAL BOOK PRICE OF BULK TICKET: \$ 2113.8

500-225 RETURN SERVICE CHARGES _____ CU FT 1.66

500-306 WEIGHT: _____ RETURN MILES: 45 TON MILES: _____ 1.25

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STATE CORRELATION COMMISSION

JUN 02 1998

CONSERVATION DIVISION
Wichita, Kansas

TICKET #	TICKET DATE
BDA / STATE	COUNTY
PSL DEPARTMENT	ORIGINAL
CUSTOMER REP / PHONE	
API / UWI #	
JOB PURPOSE CODE	

REGION North America	NWA/COUNTRY
MBU ID / EMP #	EMPLOYEE NAME
LOCATION	COMPANY
TICKET AMOUNT	WELL TYPE
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
	2		2		2		

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1300							<p>DRILLED OUT</p> <p>2nd (COCA 1100) WITH NET CLEAR JOB</p> <p>(31174 meet 1420)</p> <p>SET UP EQUIP.</p> <p>2nd 1410 PERC. HAD TO CLEAR THE UP</p> <p>1/2 DRILL CO.</p>
	1405		39.23					<p>MIX 1405</p> <p>FINISH MIX</p> <p>START 2) RELEASE TUC</p>
	1406		0					<p>START DISP.</p>
	1407		13.48					<p>GOOD WITH 1407 PERCS</p> <p>TUC DOWN</p>
	1410							<p>START 1)</p> <p>WASH UP</p> <p>RACK UP</p>
	1430							<p>JOB COMP.</p>

STATE OF KANSAS RECEIVED COMMISSION JUN 02 1990 CONSERVATION DIVISION Wichita, Kansas

Handwritten signature



HALLIBURTON ENERGY SERVICES

1906-Q

Customer Name: American Warrior
Address: P.O. Box 399
City, State, Zip Code: Garden City KS

Customer Copy: ORIGINAL
Ticket No: 459985-9
Page 1 of 2

Service Locations: 1 PRATT 25555
Well/Project No: 2-35
Lease: Withhub
County/Parish: Ness
State: KS
City/Offshore Location: Garden City
Date: 10-19-98
Owner: Same
Ticket Type: Service
Contractor: Discovery Drllg
Rig Name/No: 1
Shipped Via: CT Location
Well Type: O.I
Well Category: 01 Dev
Job Purpose: 01 035
Well Permit No: 15-135-240640000
Well Location: Land

Table with columns: JOB PURPOSE, PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY, U/M, UNIT PRICE, AMOUNT. Includes entries for Mileage, Crew Mileage, Pump Charge, Super Flush, Clay Fix II, 5w Plug, Rotating Head, Basket.

Bulk Ticket #100476

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.

Signature: Thomas Alm
Date Signed: 10-19-98
Time Signed: P.M.
Options: do not require IPC, Not offered

TYPE LOCK, SUB SURFACE SAFETY VALVE WAS, BEAN SIZE, DEPTH, SPACERS, TREE CONNECTION, TYPE VALVE, PAGE TOTAL: 3747.40, FROM CONTINUATION PAGE(S): 3639.03, SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE

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JUN 22 1998
CONSIRVATION DIVISION
Wichita, Kansas

ORIGINAL

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

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): Thomas Alm
CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): [Signature]
HALLIBURTON OPERATOR/ENGINEER: [Signature] EMP #: 85826
HALLIBURTON APPROVAL: [Signature]

REGION North America	NW/CRY	BDA / STATE	COUNTY
MBU ID / EMP #	EMPLOYEE NAME	PSL DEPARTMENT	ORIGINAL
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL #	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	1100							Called out
	1530							On location
	1630							Start casing in hole
	1830							Casing on bottom Port Collar 1390
	1835							Hook up To well
	1837							Circulate & Rotate Pipe
	1850							Shut Down
	1857							Hook up To well
	1857	6.5	20					700 Pump ClayFix water
		6.5	6					300 Pump Superflush
		1.1	3					300 Pump SPACER
	1900		0					200 Start Mixing
	1902	3	5					Plug Rathole 15 SKS
	1905	3	5					Plug mousehole 10 SKS
	1910	5	0					Start Cement Downhole
	1915	6	16.00					300 Start Mixing Tail Cement
	1920	5	34.00					200 Finish Mixing
	1922							Wash out Pump & Lines
	1923							Release Plug
	1925	7.5	0					200 Start Displacement
	1935	7.5	70					200 Cement on Bottom
	1940	4.5	100					550 Reduce Rate Shut Down Rotation
	1943		102.7					850 Land Plug
	1944							100 Pressure up on Plug
	1944							Release PSI
	21945							Float Held

Wash up

Job Complete

Thanks

Glen - Todd - Clarence

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STATE COMMISSION



Halliburton Energy Services

DATE: 10-20-1998 TIME: 10:55:52 SERVICE TICKET: 459985
PRATT-25555 BULK TICKET ONLY: 100476

JOB PURPOSE: LONG STRING
COMPANY TRUCK: :52530 DRIVER: C.MESSICK

CUSTOMER: AMERICAN WARRIOR LEASE & WELL#: WITTUHN 2-35

504-308	STANDARD CEMENT	75	SKS.	12.13	909.75
504-316	HLC STANDARD	50	SKS.	10.20	510.00
507-153	CFR-3	22	LBS.	6.15	135.30
509-968	W/W SALT	700	LBS.	0.18	126.00
507-210	FLOCELE	13	LBS.	2.09	27.17
508-291	GILSONITE	250	LBS.	0.58	145.00
508-127	EA-2	4	SKS.	28.00	112.00
507-778	HALAD-344	22	LBS.	32.89	723.58
500-207	SERVICE CHARGES	147	CU FT	1.66	244.02
					TOTAL 2932.82
500-306	WEIGHT: 12555	MILES: 90	TON MILES: 564.97	1.25	706.21
					TOTAL BOOK PRICE OF BULK TICKET: \$ 3639.03

500-225 RETURN SERVICE CHARGES _____ CU FT 1.66

500-306 WEIGHT: _____ RETURN MILES: 90 TON MILES: 564.97 1.25

JUN 02 1999

JOB SUMM

ORDER NO. 70006

TICKET #

45998

TICKET DATE

10-20-98

REGION North America	NW/COUNTRY MID Cont USA	BDA / STATE Midland Eastern KS	COUNTY
MBU ID / EMP # MLPRO594 85826	EMPLOYEE NAME Glen BYERLY	PSL DEPARTMENT PRODUCTION Enhancement	
LOCATION PRATT 25555	COMPANY AMERICAN WARRIOR	CUSTOMER REP / PHONE Scott Casarin 785-731-5061	
TICKET AMOUNT	WELL TYPE OIL OI	API / UWI #	
WELL LOCATION Alexander	DEPARTMENT Zonal ISOLATION	JOB PURPOSE CODE O35	ORIGINAL
LEASE / WELL # Wittich 2-35	SEC / TWP / RNG		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
G BYERLY 85826		T Seba 61627		C Messick 45314			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420624	P4	180		53293	Pump	180	
52530	Bulk	180					

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type Port Collar Set At 1390'
 Bottom Hole Temp _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-19-98	11:00	15:30	16:30	20:30

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar <u>Insert 5 1/2</u>	1	Jed Rubber
Float Shoe		
Guide Shoe <u>Reg 5 1/2</u>	1	
Centralizers <u>5 1/2</u>	5	
Bottom Plug		
Top Plug <u>SW 5 1/2</u>	1	HCS
Head		
Packer		
Other <u>Baskets 5 1/2</u>	2	1 Has 1 Comp

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	U	14 [#]	5 1/2"	KB	4250'	
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole				4250	4251	SHOTS/FT.
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
10-19		10-19		5 1/2" Logging string
TOTAL		TOTAL		

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	AVERAGE RATES IN BPM	
FEET	Disp.	Overall
41.81	CEMENT LEFT IN PIPE	
	Reason	Shoe st

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
	50	HLC	B	5 [#] 6.1 4 [#] Flo cell	1.75	12.7
	25	FA-2	B	52 Gal Seal, 32 CER-3, 32 Hbd-344, 182 Salt	1.37	15.5

Circulating _____ Displacement JUN 12 1998
 Breakdown _____ Maximum _____
 Average _____ Frac Gradient CONSERVATION DIVISION
 Shut In: Instant _____ 5 Min _____ 15/Minta, Kansas
 Preflush: Gal - BBI 20 f 6 Type Clay Fix - Super Flo
 Load & Bkdn: Gal - BBI
 Treatment Gal - BBI Pad: BBI - Gal
 Cement Slurr Gal - BBI 34.3 Disp: BBI - Gal 102.7
 Total Volume Gal - BBI

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____
 THE INFORMATION STATED HEREIN IS CORRECT CUSTOMER'S REPRESENTATIVE SIGNATURE



CHARGE TO: *American Well*
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET No 1612

ORIGINAL

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Ne. City</i>	WELL/PROJECT NO. 2-35	LEASE <i>Wittahn</i>	COUNTY/PARISH <i>Ne.</i>	STATE <i>Ks.</i>	CITY	DATE 4-22-99	OWNER <i>Some</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>South West Well Service</i>	RIG NAME/NO.	SHIPPED VIA <i>217</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Production</i>	JOB PURPOSE <i>new well</i>	WELL PERMIT NO.	WELL LOCATION		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE #103	17		mil.		2.00	34	00
577		1			Pump Service	1390				650	650	00
288		1			Free Sand	2		skb		10.00	20	00
581		1			Service Charge	125				1.00	125	00
583		1			Drayage Minimum					1.00	1.00	00
330		1			Swift Mater. Delivery Charge	128				3.50	448	50

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	2116	50
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				ORIGINAL	65	73
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 type="checkbox"/> YES	<input type="checkbox"/> NO		TAX		
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			TOTAL	2182	23	

JOB LOG

SWIFT Services, Inc.

ORIGINAL

CUSTOMER <i>Amicus Well Co</i>	WELL NO. <i>2-35</i>	LEASE <i>Witchita</i>	DATE <i>4-27-99</i>	PAGE <i>1</i>
		JOB TYPE <i>Top Surge</i>	TICKET NO. <i>1613</i>	

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0840							On line set up truck
	0910							Set Plug @ 3970' Circulate this volume 90' pump set closed Ann.
	0945					1500	1500	Run test Plug Hold 1500 psi Sprt 2nd sand on Plug
	10:00							Well tubing to open Port Collar @ 1390'
	11:00							open Port collar Run 3 RPM 1700 psi 6" incl Freshwater
	11:30	3	6			700		Blow on Bender head Start mixing 150 sp S.M.D. Cement 6" Pumpset circulation to surface 60" pumped 110 sp Cement to surface Displ. 5 ⁵⁰ ✓ mixed 120 ft total 10 sp to Port
	12:00					1000		closed Port collar press. to 1000 psi Run 1 stand Circulate cement out ✓ short way wash in 4 RUCR
	13:40							Circulate sand off Bender Plug 16' clear 30" pumpset Run 1 stand
	14:00							Job Complete

RECEIVED
STATE COMMISSION
MAY 22 1999
CONSERVATION DIVISION
Wichita, Kansas

Handwritten signature