

ALLIED OIL & GAS SERVICES, LLC 061811

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Capehart Pkwy 55
9-7-13

DATE <u>9-6-13</u>	SEC. <u>15</u>	TWP. <u>165</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION <u>8:00pm</u>	JOB START <u>1:00AM</u>	JOB FINISH <u>2:00AM</u>
LEASE <u>H. F. Neilsen</u>		WELL # <u>3-15</u>		LOCATION <u>Beaver LN 1 1/2 E</u>		COUNTY <u>Boston</u>	STATE <u>TX</u>
OLD OR NEW <input checked="" type="radio"/> (Circle one)				<u>Ningro</u>			

CONTRACTOR Duke Drilling #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. _____
 CASING SIZE 11 7/8 DEPTH 420.77
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 1 1/2 DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 ft
 PERFS. _____
 DISPLACEMENT 25.89 bbls Freshwater

OWNER _____
 CEMENT AMOUNT ORDERED 300 sks class A
3 1/2 cc 2 stage
 COMMON 300 @ 17.90 5,370.00
 POZMIX _____ @ _____
 GEL 6 @ 23.40 140.40
 CHLORIDE 11 @ 64.00 704.00
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 3.25 @ 2.48 806.00
 MILEAGE 14.83 x 174 2.60 655.12
 TOTAL 7,675.52

EQUIPMENT
 PUMP TRUCK CEMENTER Dustin Chambers
 # 395 HELPER Mike Scarbora
 BULK TRUCK
 # 610-112 DRIVER Kendal Wetghans
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Break circulation with Bq pump
run 5 bbls Freshwater ahead
put 300 sks class A 3 1/2 cc 2 stage
4 1/2 ft down & release plug
plug place 25.89 & shut in
cleaned circulation
plug down 1:45 AM 9-7-13
Bq down

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 1512.35
 EXTRA FOOTAGE _____ @ _____
 MILEAGE Hum 17 @ 7.70 130.90
 MANIFOLD _____ @ _____
Hum 17 @ 4.40 74.80
 _____ @ _____
 TOTAL 1717.25

CHARGE TO: American Worker
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
1-5 1/8 Rubber plug @ 131.04 131.04
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 131.04

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X STEVE H. STEPHENS
 SIGNATURE X Steve Stephens
Thank you!

SALES TAX (If Any) _____
 TOTAL CHARGES 9,524.56
1,904.91
 DISCOUNT _____ IF PAID IN 30 DAYS
7,619.65

JAMES C. MUSGROVE

Petroleum Geologist
212 Main Street
P.O. Box 215
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior
Hofmeister #3-15
NE-SE-SW-SW (420' FSL & 1050' FWL)
Section 15-16s-12w
Barton County, KS
Page 1

5 1/2" Production Casing Set

Contractor: Duke Drilling Company (Rig #8)
Commenced: September 6, 2013
Completed: September 12, 2013
Elevation: 1915' K.B; 1913' D.F; 1907' G.L.
Casing program: Surface; 8 5/8" @ 420'
Production 5 1/2" @ 3465'
Sample: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2700 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were two (2) Drill Stem Tests ran by Trilobite Testing Co.
Electric Log: By Pioneer; Dual Induction, Dual Compensated Porosity Log.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	802	+1113
Base Anhydrite	829	+1086
Heebner	987	-1072
Toronto	3001	-1086
Douglas	3016	-1101
Brown Lime	3075	-1160
Lansing	3091	-1176
Base Kansas City	3341	-1426
Arbuckle	3350	-1435
Reagan Sand	3397	-1482
Granite Wash	3422	-1508
Rotary Total Depth	3465	-1550
Log Total Depth	3465	-1550

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2920-2930' Limestone; light gray, tan, finely crystalline, few fossiliferous, oolitic, slightly chalky, poor visible porosity, no shows.

2931-2960' Limestone; gray, tan, finely crystalline, oolitic, fossiliferous, chalky, few sub oomoldic porosity.

TORONTO SECTION

3001-3006' Limestone; white, cream, chalky, poor visible porosity, no shows.

LANSING SECTION

3091-3098' Limestone; cream, tan, finely crystalline, oolitic/fossiliferous, poor intercrystalline porosity, golden brown stain, no free oil and no odor, trace white chert.

3100-3110' Limestone; cream, tan, finely crystalline, oolitic/fossiliferous, few sub oomoldic porosity, poorly developed, golden brown stain, no free oil and no odor.

3118-3128' Limestone; cream, tan, finely crystalline, fossiliferous, poor scattered vuggy type porosity, golden brown stain, trace of free oil and weak odor.

3156-3166' Limestone; cream, tan, finely crystalline, oolitic, oomoldic, poor intercrystalline porosity, trace stain, no free oil and no odor.

3168-3187' Limestone; tan, finely crystalline, oolitic, oomoldic, fair to good oomoldic porosity, trace brown stain, no free oil and no odor.

3192-3200' Limestone; cream, tan, white, finely crystalline, oolitic, fossiliferous, dark brown stain, trace of free oil and faint odor.

3224-3230' Limestone; cream, tan, finely crystalline, oolitic, poorly developed porosity, scattered brown stain, trace of free oil and faint odor.

3244-3250' Limestone; cream, tan, finely crystalline, poor visible porosity, chalky, no shows.

3258-3270' Limestone; cream, gray, finely crystalline, poor visible porosity, few oolitic, no shows.

ARUBCKLE SECTION

3356-3358' Dolomite; white, cream, fine and coarse crystalline, few sandy, golden brown and dark brown stain, fair show of free oil and good odor.

Drill Stem Test #1 3310-3358'

Times: 30-30-30-30

Blow: Weak

**Recovery: 35' oil cut mud
(10% gas, 90% mud)**

**Pressures: ISIP 695 psi
FSIP 624 psi
IFP 31-31 psi
FFP 30-34 psi
HSH 1641-1566 psi**

3358-3363' Dolomite; as above.

Drill Stem Test #2 **3298-3363'**

Times: 30-45-30-45
Blow: Strong
Recovery: 355' gas in pipe
140' old cut mud
(30% oil, 70% mud)

Pressures: ISIP 1059 psi
FSIP 1039 psi
IFP 20-48 psi
FFP 47-47 psi
HSH 1637-1453 psi

3363-3380' Dolomite; white/cream, fine and medium crystalline, sandy, poor to fair intercrystalline porosity, dense, no visible shows.

3380-3397' Dolomite; as above, sandy, chert, white/cream, boney.

REAGAN SAND SECTION

3397-3410' Sand; quartzitic, clear, yellow, pint tinted, fine to coarse grained, sub angular to sub rounded, poor intercrystalline porosity, fair stain, good show of free oil and good odor.

GRANITE WASH SECTION

3423-3465' Feldspar; pink/red, micaceous plus varied colored shale and very fine grained sand.

Rotary Total Depth 3465
Log Total Depth 3465

Recommendations:
5 1/2" production casing was set and cemented on the Hofmeister #3-15.

Respectfully submitted;


Kurt Talbott,
Petroleum Geologist



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

TICKET
 No 24494

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hugslys WELL/PROJECT NO. 3-15 LEASE Hofmeister COUNTY/PARISH Barton STATE Ks CITY DATE 9-12-13 OWNER
 2. Ness City, Ks TICKET TYPE SERVICE CONTRACTOR Duke RIG NAME/NO. 8 SHIPPED VIA CT DELIVERED TO Location ORDER NO.
 3. WELL TYPE Oil WELL CATEGORY Develop JOB PURPOSE 5 1/2 Longstring WELL PERMIT NO. WELL LOCATION Sec 15, Twp 16S, R 12W
 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 #112	70	mi			6.00	420	.00
578		1			Pump Charge Longstring	1	ea			1500.00	1500	.00
221		1			Liquid KEL	2	gal			25.00	50	.00
281		1			Mud Flush	500	gal			1.25	625	.00
290		1			O-Air	2	gal			42.00	84	.00
402		1			Centralizers	8	ea	5 1/2"		70.00	560	.00
403		1			Lement Basket	1	ea			285.00	285	.00
406		1			Latch Down Plug + Baffle	1	ea			275.00	275	.00
407		1			Insert float Shoe w/ Auto fill	1	ea			375.00	375	.00
419		1			Rotating Head Rental	1	ea			200.00	200	.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 9-12-13 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	P1	P2
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				4374.00	
WE UNDERSTOOD AND MET YOUR NEEDS?				4970.00	
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			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	9803.94

sub total 9344.00
 Barton TAX 7.15% 459.94



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

TICKET CONTINUATION

TICKET No. 24494

CUSTOMER American Warrior WELL Hofmeister 315 DATE 9-12-13 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 EA-2	175	SKS			14	⁰⁰	2450	⁰⁰
276		2				flocele	520	lbs			2	⁰⁰	1000	⁰⁰
283		2				Salt	900	lbs				20	1800	⁰⁰
284		2				Cealseal	8	SKS			35	⁰⁰	280	⁰⁰
292		2				Hald 322	125	lbs			7	75	968	75
581		2				SERVICE CHARGE								
583		2				MILEAGE CHARGE								
						TOTAL WEIGHT	18325							
						LOADED MILES	70							
						CUBIC FEET								
						TON MILES								

CONTINUATION TOTAL 4970.⁰⁰

JOB LOG

SWIFT Services, Inc.

DATE 9-12-13 PAGE NO.

CUSTOMER American Warrior WELL NO. 315 LEASE Hofmeister JOB TYPE 5 1/2 Long string TICKET NO. 24491

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							on location
								TD 3465 SJ 19
								TP 3464 Duset 3445
								5 1/2 x 14# used
								Centralizers 1, 3, 5, 7, 9, 11, 13, 15
								Baskets 4
	0105							Start casing
	0245							Drop Ball Break Circulation Rotate
	0330		7					Plug BH 30 sks
	0340	5	12				300	Start Mod flush
		5	20				300	Start KCL flush
		5	35.1				200	Start cement 145 sks
	0405							Drop Plug
								wash out Pump + Lines
	0407	6						Start Displacement
	0425	6	84.0				700 1500	land Plug
								Release Dry
								wash up Back up
	0515							Job Complete Thank You Josh, Brian, John