



#1 Seymour-Morrill

2570' FNL & 1805' FEL

70' N & 155' W of E/2 W/2 E/2 Section 2-22S-18W

Pawnee County, Kansas

API# 15-145-21826-0000

Elevation: GL: 2041', KB: 2052'

Sample Tops			Ref. Well
Anhydrite	1123'	+929	-11
B/Anhydrite	1145'	+907	-11
Heebner	3548'	-1496	-10
Toronto	3567'	-1515	-11
Lansing	3632'	-1580	-10
Muncie Shale	3774'	-1722	-10
Stark Shale	3861'	-1809	-11
Hush	3892'	-1840	-5
BKC	3928'	-1876	-8
Marmaton	3946'	-1894	-7
Altamont	3982'	-1930	-10
Pawnee	4020'	-1968	-10
Fort Scott	4046'	-1994	-7
Cherokee Shale	4061'	-2009	-9
Viola	4175'	-2123	+5
Simpson	4241'	-2189	+10
Arbuckle	4287'	-2235	+10
RTD	4386'	-2334	



TICKET 30507

CHARGE TO: Ritchie Exploration
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF

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

WELL PROJECT NO. # ()
 LEASE Seymour-Morrill
 COUNTY/PARISH Pouncee
 RIG NAME/NO.
 TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR Sterling Drilling
 WELL TYPE Oil
 JOB PURPOSE development Deep Surface
 STATE KS
 CITY
 DELIVERED TO location
 ORDER NO. 9-6-17
 WELL PERMIT NO.
 WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575				MILEAGE TRK # 110	50	Mi			5.00	250.00
576D				Pump Charge - Deep Surface	1	EA			1250.00	1250.00
291D				D-Air	5	Gal			42.00	210.00
221				Liquid Kel	2	Gal			25.00	50.00
409				Turbolizer	2	EA	3 3/8		95.00	190.00
410				Top plug	1	EA			120.00	120.00
412				Baffle plate	1	EA			110.00	110.00
400				Guide Shoe	1	EA			300.00	300.00
194				Plug Container Rental	1	EA			200.00	200.00

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

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

DATE SIGNED: [Signature]
 TIME SIGNED: [] A.M. [] P.M.

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?
 YES NO

PAGE TOTAL 10608.25
 3rd JOB - 1000.83
 1720.00
 514
 9007.42
 542.10
 TOTAL 9549.52

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 APPROVAL
 SWIFT OPERATOR: David Edgerood
 Thank You!



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

TICKET CONTINUATION

TICKET No. 30507

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	QTY.		U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT									
331					65/35 poz mix	370	SKB				10	3225 00
325					Standard Cement	150	SKB				18	1837 50
279					Bentonite gel	3	SKB				25	75 00
278					Calcium Chloride	15	SKB				40	600 00
276					Flare	75	lbs				2	168 75
581		2			Service Charge Cement						1	50 675 00
583		2			Mileage Charge						25	747 00
					Cubic Feet				450 SKB			
					Ton Miles				996			

CONTINUATION TOTAL

JOB LOG

SWIFT Services, Inc.

DATE 9-6-17 PAGE NO.

CUSTOMER *Kitchie Exploration* WELL NO. *#1* LEASE *Salmour-Morrill* JOB TYPE *Deep Surface* TICKET NO. *30507*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	220							On location
								CSG - 8 5/8 x 24#
								Rtd - 1118
								Set @ 1113.72
								Baffle @ 1070.45
								Centralizers - 1 # 3
	350							Start running CSG
	510							Circ on Bottom
		b	20			200		pump kcal spacer
		b	98			200		pump cmr 65/35 @ 12.5 ppg
		5.5	36			400		pump cmr Standard 2% gel 3% cc
								Release plug
		b	0					Start Disp
		b	48					Circ cmr
	630	b	68					land plug - lift psi - 600 psi
								land psi - 1000 psi
								Circulated 75 sks cmr to pit.
								Thanks
								David, Zach, Isaac & Kirby



TICKET 30493

CHARGE TO: Ritchie Exploration
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Days, KS
 2. Ness City, KS
 3.
 4.

WELL/PROJECT NO. #1
 LEASE Seymour-Morrill
 COUNTY/PARISH Andrew
 STATE KS
 CITY

TICKET TYPE SERVICE SALES
 CONTRACTOR Sterling Drilling Company
 RIG NAME/NO. #14
 SHIPPED VIA Location
 ORDER NO. 9-14-17

WELL TYPE D-1
 WELL CATEGORY Developmental Plug to Abandon
 JOB PURPOSE
 WELL PERMIT NO.
 WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1			50 mi				5.00	250.00
576P		1		MILEAGE #113	1 EA				800.00	800.00
290		1		D-AIR	3 gal				42.00	126.00
328-4		2		60/40 Poz mix (40lb) gel	210 SKS				10.25	2152.50
581		2		Service Charge Cement					1.50	315.00
583		2		Drayage	16947 lbs		423,687 M		0.75	317.75

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

X [Signature] TIME SIGNED

DATE SIGNED

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

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

PAGE TOTAL 3961.25
 -198.06
 3763.19

TOTAL 3947.18

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.

APPROVAL

[Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 9-14-17 PAGE NO. 1

CUSTOMER *Ritchie Exp* WELL NO. *#1* LEASE *Seymour-Morrill* JOB TYPE *Plug to Abandon* TICKET NO. *30493*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2000							On location, Set up trucks
	2045							Rig Running Drill pipe 210 SKS 60/40 w/40% gel At 4287' - Top of Arbuckle Circulate on Bottom for 30 min.
	2115	3 1/2	10			200		Pump H ₂ O ahead of Cmt.
	2118	3 1/2				200		Start Cmt mix @ 13# for 50 SKS
	2124	3 1/2	13			Vac		Fin Cmt, Start H ₂ O behind.
	2130					Vac		Fin Water, Let rig pump 50 bbl mud.
	2330	3 1/2						Rig pulling Drill Pipe to 1140'
		3 1/2	10			200		Start H ₂ O ahead
		3 1/2	13			200		Fin H ₂ O, start Cmt, 50 SKS
	2345	3 1/2	6			Vac		Fin Cmt, Start H ₂ O
	1205	3 1/2	8			200		Fin H ₂ O behind cmt plug
		3 1/2	4 1/2			200		Rig Pulling Drill pipe to 370'
		3 1/2	10 1/2			200		Start H ₂ O ahead
	1215	3 1/2	1 1/2			Vac		Fin H ₂ O, Start Cmt, 40 SKS
								Fin Cmt, Start Water
	1230	3 1/2						Fin H ₂ O
		3 1/2	1			100		Rig Pulling to 60'
		3 1/2	5			100		Start H ₂ O ahead
	1235	3 1/2	1			Vac		Fin H ₂ O, Start Cmt, 20 SKS
	1250	2	7 1/2					Fin Cmt, Start H ₂ O
	1255	2	5					Fin H ₂ O
								Plug Rathole w/ 30 SKS
								Plug Mousehole w/ 20 SKS.
	0100							Wash up truck Rack up Job Complete
								Thanks, Jon, Austin, Kirby