

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

API NO. 15-135-23,360-1000  
County Ness  
NE/4 NE/4 SE/4 Sec. 14 Twp. 16S Rge. 26W East  
X West

Operator: License # 4689  
Name Tom C. Lutz  
Address 1666 Halsell  
City/State/Zip Fayetteville, Arkansas 72701

2310 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Koch Oil  
Wichita, Kansas

Lease Name Walker Well # 1  
Field Name Arnold

Operator Contact Person H.L. Maddox  
Phone 316-653-4178

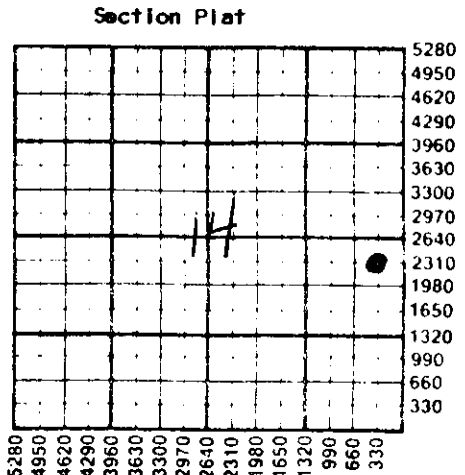
Producing Formation Mississippi

Contractor: License # 5302  
Name Red Tiger Drilling Company

Elevation: Ground 2569 KB 2574

Wellsite Geologist Ron Nelson  
Phone 913-628-3449

Designate Type of Completion  
X New Well Re-Entry Workover  
X Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)



If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
7/6/89 7/14/89 8-1-89  
Spud Date Date Reached TD Completion Date  
4,600'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 330 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from 0 feet depth to 300 SX cmt  
Cement Company Name Halliburton  
Invoice # 809887

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit # 37,935

X Groundwater 2400 Ft North from Southeast Corner  
(Well) 1150 Ft West from Southeast Corner of  
Sec 23 Twp 16S Rge 26 East X West  
Charles Walker, Utica, Ks. 67584  
Surface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West  
Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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  
Title OWNER/OPERATOR Date 10/31/89

Subscribed and sworn to before me this 31st day of October 1989  
Notary Public  
Date Commission Expires November 8, 1991

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

Operator Name Tom C. Lutz Lease Name Walker Well # 1

Sec. 14 Twp. 16 Rge. 26  East  West County Ness

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Zone Tested Mississippi

INTERVAL	IFP/	SIP	FFp	Fsip	IHH-FHH
4507-	425-	1174	789-	1174	2337-
4330	675		852		2285
Straddle					

Name	Top	Bottom
Top Anhydrite	1968	+604
Base Anhydrite	2003	+570
Heebner	3841	-1271
Toronto	3856	-1287
LKC	3882	-1313
BKC	4189	-1618
Marmaton	4232	-1660
Pawnee	4330	-1758
Fort Scott	4396	-1824
Cherokee Shale	4423	-1861
Mississippi Dolo	4500	-1928

Recovery  
 60' Gip, 330' HOGCM,  
 120' VHO GCM, 300' GMO  
 1500' HOGCM

RECEIVED  
 STATE GEOLOGICAL COMMISSION

NOV - 9 1989  
 11-9-89  
 OBSERVATION DIVISION  
 Wichita, Kansas

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"	20#	337.48'	60/40 Poz	210	2% Gel 3% CC
Production	7 7/8"	5 1/2"		4.604'	60/40 Poz	200	2% Gel 12% Salt, 1/2% GFR, 3 1/4% Flocele
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4514-24	(2) shots per foot						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing Method						
7-4-89	<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	Gas	Water	Gas-Oil Ratio	Gravity		
	10 Bbls	0 MCF	40 Bbls				

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled .....



**INVOICE**  
INVOICE

ORIGINAL

809987 07/14/1989

WALKER 1		NESS	KS	SAME
NESS CITY	RED TIGER #9	TOP OUTSIDE PRODUCTION CASING		07/14/1989
527734	FRED MICKELSON		COMPANY TRUCK	79382

THOMAS C. LUTZ  
P. O. DRAWER 0940  
FAYETTEVILLE, AR 72702

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

	QUANTITY	UM	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>				
000-117	29	MI	2.20	63.80
	1	UNT		
001-016	4600	FT	1,111.00	1,111.00
	1	UNT		
030-016	5 1/2	IN	46.00	46.00 *
	1	EA		
12A	1	EA	104.00	104.00 *
825.205				
24A	1	EA	83.00	83.00 *
815.19251				
27	1	EA	30.00	30.00 *
815.19311				
40	7	EA	44.00	308.00 *
807.93022				
320	1	EA	90.00	90.00 *
800.8883				
213-009	500	GAL	.45	225.00
504-308	120	SK	5.45	654.00 *
506-105	80	SK	2.88	230.40 *
506-121	3	SK	.00	N/C *
509-968	1150	LB	.073	83.95
507-153	86	LB	3.80	326.80 *
507-210	50	LB	1.21	60.50 *
500-207	217	CFT	.95	206.15 *
500-306	272.397	TMI	.70	190.68 *
INVOICE SUBTOTAL				3,813.28
DISCOUNT-(BID)				877.02-
INVOICE BID AMOUNT				2,936.26

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

ORIGINAL

P.O. BOX 951046  
DALLAS, TX 75395-1046

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
822980	07/18/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
WALKER 1		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
GREAT BEND				CEMENT VIA ANNULUS PROD CASING		07/18/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE	
527734	H.L. MADDOX			COMPANY TRUCK	794	

THOMAS C. LUTZ  
P. O. DRAWER 0940  
FAYETTEVILLE, AR 72702

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF NO	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
<b>PRICING AREA - MID CONTINENT</b>					
000-117	MILEAGE	29	MI	2.20	63.80
		1	UNT		
011-205	MISCELLANEOUS PUMPING JOBS	500	PSI	590.00	590.00
		1	UNT		
504-118	HALLIBURTON LIGHT CEMENT - PREM	300	SK	4.92	1,476.00
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	25.75	128.75
507-210	FLOCELE	225	LB	1.21	272.25
500-207	BULK SERVICE CHARGE	310	CFT	.95	294.50
500-306	MILEAGE CMTG MAT DEL OR RETURN	410.133	TMI	.70	287.09
<b>INVOICE SUBTOTAL</b>					<b>3,112.39</b>
<b>DISCOUNT-(BID)</b>					<b>622.47</b>
<b>INVOICE BID AMOUNT</b>					<b>2,489.92</b>
<b>*-KANSAS STATE SALES TAX</b>					<b>105.82</b>
<b>*-BARTON COUNTY SALES TAX</b>					<b>24.91</b>
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>\$2,620.65</b>

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.