

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

API NO. 15- 087-20-448-00-00

County Jefferson

N 1/2 NE NE Sec. 1 Twp. 10S Rge. 19E East West

4950 Ft. North from Southeast Corner of Section

825 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

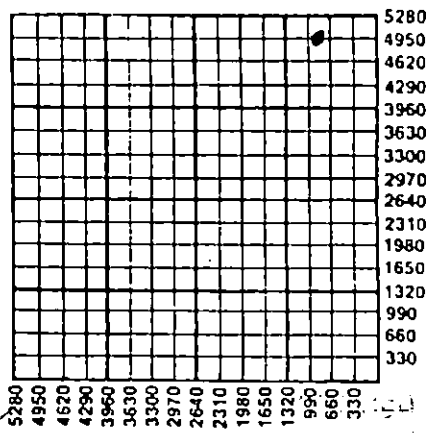
Lease Name W. Kimmel Well # 1-89

Field Name Northwest McLouth West

Producing Formation McLouth Sands

Elevation: Ground 1157 KB

Total Depth 1630 PBDT



12-18-89

Amount of Surface Pipe Set and Cemented at 42 Feet

Multiple Stage Cementing Collar Used 30 1989 Yes X No

If yes, show depth set 10-30-89 Feet

If Alternate II completion, cement circulated from 0

feet depth to 1610 w/ 160 sx cmt.

Operator: License # 9159

Name: Sterling Exploration

Address 12101 Frost Rd.

City/State/Zip K.C. Mo. 64138

Purchaser: Kelly Macloskey Oil Field Services Inc.

Operator Contact Person: James Bolinger

Phone (913) 796-6593

Contractor: Name: McGown Drilling Inc.

License: 5786

Wellsite Geologist: None

Designate Type of Completion

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

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

- Mud Rotary  Air Rotary  Cable

7-18-89 7-20-89 7-29-89  
Spud Date Date Reached TD Completion Date

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

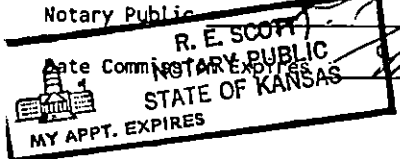
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature James Bolinger

Title Contact Person Date 10-25-89

Subscribed and sworn to before me this 26<sup>th</sup> day of October, 19 89.

Notary Public \_\_\_\_\_



**K.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received

**Distribution**

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Sterling Exploration Lease Name W. Kimmel Well # 1-89  
 Sec. 01 Twp. 10 Rge. 19  East County Jefferson  
 West

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.)

Name	Formation Description	
	Top	Bottom
K.C.	880	
Mchouth	1582	1604
Mississippi	1606	

**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 casing	11	8 5/8		42 Ft	Standard	40	Pozmixer 40%
	6 5/8	4 1/2	105	1610 Ft	"	165	Gal 270 1% 110 lb Standby 50 Standby 5 Cal Seal

Shots Per Foot	PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
3	1582 - 1588		3/8 SSB	Shot
2	1594 - 1604			Shot
2	1588 - 1594			Shot

**TUBING RECORD** Size 2 3/8 Set At 1604 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4 Bbls	None	200 Bbls		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_ Production Interval 1582 - 1604



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
796213	07/20/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KIMMEL 1-89		JEFFERSON		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET/DATE	
ELBORADO	MCGOWAN DRLG	CEMENT PRODUCTION CASING		07/20/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
088580	JIM BOLINGER			COMPANY TRUCK	79782

JAMES R. BOLINGER  
P.O. BOX 10  
MCLOUTH, KS 66054

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

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	25	MI	2.20	55.00
		1	UNT		
001-016	CEMENTING CASING	1610	FT	883.00	883.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	4.5	IN	31.00	31.00
		1	EA		
213-009	MUD FLUSH	250	GAL	.45	112.50
504-316	HALLIBURTON LIGHT W/STANDARD	110	SK	4.79	526.90
504-308	STANDARD CEMENT	50	SK	5.30	265.00
507-277	HALLIBURTON-GEL BENTONITE	2	SK	13.00	26.00
508-127	CAL SEAL	5	SK	14.60	73.00
509-406	ANHYDROUS CALCIUM CHLORIDE	1	SK	25.75	25.75
500-207	BULK SERVICE CHARGE	169	CFT	.95	160.55
500-306	MILEAGE CMTG MAT DEL OR RETURN	195.275	TMI	.70	136.69
	INVOICE SUBTOTAL				2,295.39
	DISCOUNT-(BID)				573.82
	INVOICE BID AMOUNT				1,721.57
	*-KANSAS STATE SALES TAX				39.70
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$1,761.27

OCT 30 1989

CONSERVATION DIVISION  
Wichita, Kansas

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



REMIT TO:  
P.O. BOX 951046  
DALLAS, TX 75395-1046

INVOICE

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A Halliburton Company

INVOICE NO.	DATE
796211	07/18/1989

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KIMMEL 1		JEFFERSON		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
ELBORADO	MCGOWAN DRLG	CEMENT SURFACE CASING		07/18/1989	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
068580	ED LIVINGSTON			COMPANY TRUCK	79782

*K 111*  
*Wichita Oilfield Services Inc.*  
 JAMES K. BOLINGER  
 P.O. BOX 10  
 MCLOUTH, KS 66054

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

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		1	UNT		
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		1	UNT		
504-308	STANDARD CEMENT	20	SK	5.30	106.00 *
506-105	POZMIX A	20	SK	2.77	55.40 *
506-121	HALLIBURTON-GEL 2%	1	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	1	SK	25.75	25.75 *
500-207	BULK SERVICE CHARGE	42	CFT	.95	39.90 *
500-322	MINIMUM MILEAGE	44.25	TMI	45.00	45.00
	INVOICE SUBTOTAL				722.05
	DISCOUNT-(BID)				180.50
	INVOICE BID AMOUNT				541.55
	*-KANSAS STATE SALES TAX				21.58
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$563.13

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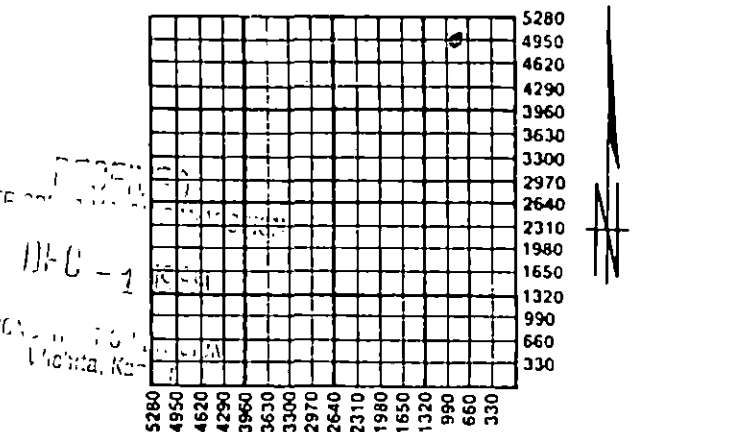
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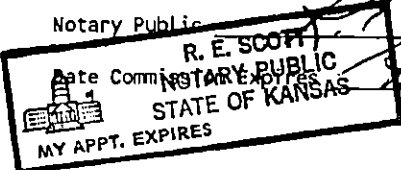
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Title Contact Person Date 10-25-89

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Notary Public \_\_\_\_\_



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 C  Drillers Timelog Received

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KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
 (Specify)