

ORIGINAL

SIDE ONE

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

API NO. 15- 193-20,011-00-01

County Thomas

SW SE Sec. 16 Twp. 9S Rge. 32W East West

660 Ft. North from Southeast Corner of Section

1980 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

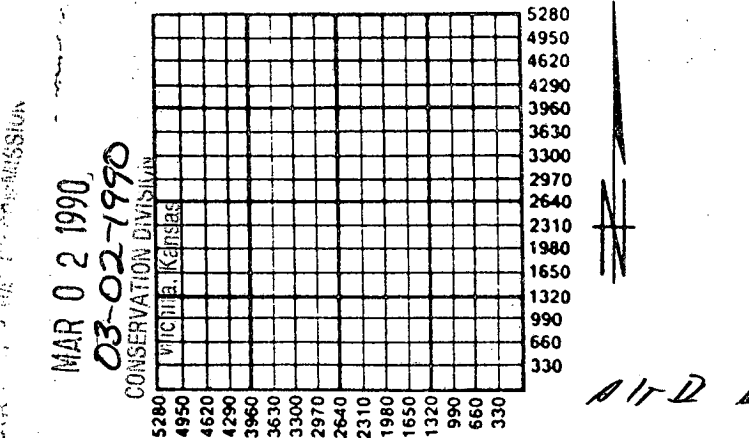
Lease Name Keller OWWO Well # 1-16

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 3,057' KB 3,062'

Total Depth 4,740' PBTD



Amount of Surface Pipe Set and Cemented at 278' Feet

Multiple Stage Cementing Collar Used? NO Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ SX amt.

Operator: License # 3295

Name: David W. Clothier

Address 225 N. Market  
#333

City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: David W. Clothier

Phone ( 316 ) 267-9227

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion

       New Well        Re-Entry   X   Workover

       Oil        SWD        Temp. Abd.

       Gas        Inj        Delayed Comp.

  X   Dry        Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:

Operator: Tren Exploration

Well Name: #1 Page

Comp. Date 3/1269 Old Total Depth 4,740'

Drilling Method:

  X   Mud Rotary        Air Rotary        Cable

12-29-89 12-30-89 01-02-90

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 [Signature]

Title Jack E. Goss, Drilling Manager Date 1-11-90

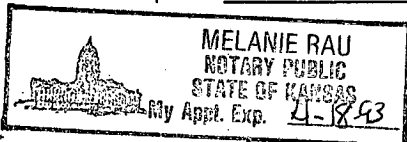
Subscribed and sworn to before me this 11th day of January, 19 90.

Notary Public Melanie Rau  
Melanie Rau

Date Commission Expires 4-18-93

K.C.C. OFFICE USE ONLY					
F	<input type="checkbox"/>	Letter of Confidentiality Attached			
W	<input checked="" type="checkbox"/>	Wireline Log Received			
C	<input type="checkbox"/>	Drillers Timelog Received			
Distribution					
<input type="checkbox"/>	KCC	<input type="checkbox"/>	SWD/Rep	<input type="checkbox"/>	NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other (Specify)

Form ACO-1 (7-89)



117 X

SIDE TWO

Operator Name David W. Clothier Lease Name Keller OWWO Well # 1-16  
County Thomas  
Sec. 16 Twp. 9S Rge. 32W  East  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.)  
DST #1, 4,445'-4,545' (Straddle)  
MIS-RUN  
DST #2, 4,470'-4,545' (Straddle)  
MIS-RUN  
DST #3, 4,470'-4,545' (Straddle)  
Recovered 270' Mud, IFP 120-215#;  
ISIP 488#;FFP 132-132#;FSIP 309#

Formation Description  
 Log  Sample  
Name Top Bottom  
no new tops

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

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

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 \_\_\_\_\_



INVOICE

A Halliburton Company

15-193-20011-00-00

INVOICE NO.	DATE
802425	01/02/1990

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
ELLER (OWWO) 1-16	THOMAS	KS	DAVID W. CLOTHIER
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
BERLIN	MURFIN #2	PLUG TO ABANDON	01/02/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
	ARLEN FAVINGER		
		SHIP. ED VIA	FILE NO.
		COMPANY TRUCK	88151

DIRECT CORRESPONDENCE TO:

DAVID W. CLOTHIER  
225 N. MARKET, #333  
WICHITA, KS 67202

SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	10	MI	2.20	22.00 *
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	370.00	370.00 *
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	59.00	59.00
		1	EA		
090-928	MISCELLANEOUS PUMP JOB-ADD HRS	4	HR	84.00	336.00 *
		1	TRK		
504-308	STANDARD CEMENT	123	SK	6.75	830.25 *
506-105	POZMIX A	82	SK	3.50	287.00 *
506-121	HALLIBURTON-GEL 2%	4	SK	.00	N/C *
507-277	HALLIBURTON-GEL ADDED 4%	7	SK	13.00	91.00 *
507-210	FLOCELE	25	LB	1.23	30.75 *
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	26.25	157.50 *
500-207	BULK SERVICE CHARGE	217	CFT	.95	206.15 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	94.65	TMI	.70	66.26 *
	INVOICE SUBTOTAL				2,455.91
	DISCOUNT-(BID)				491.18-
	INVOICE BID AMOUNT				1,964.73
	*-KANSAS STATE SALES TAX				81.50
	*-DECATUR COUNTY SALES TAX				19.19
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,065.42

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 02 1990

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.