

007-22593 0000

ORIGINAL

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

Operator: License # 4548

Name: ONEOK Resources Company

Address P.O. Box 871

City/State/Zip Tulsa, Oklahoma 74102-0871

Purchaser: _____

Operator Contact Person: Daryl Duvall

Phone (918) 588-7711

Contractor: Name: Duke Drilling Co., INC

License: 5929

Wellsite Geologist: Wes Hanson

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

01-28-99 02-09-99 05-09-99
Spud Date Date Reached TD Completion Date

API NO. 15- _____

County Barber County, Kansas

C-N/2 -NE -NW Sec. 2 Twp. 35S Rge. 14 X ^E _W

490 Feet from S(N) (circle one) Line of Section

1980 Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

Lease Name Lukens Well # 1-2

Field Name Aetna

Producing Formation Cherokee & Mississippi

Elevation: Ground 1570' KB 1581'

Total Depth 4970' PBTB 5000'

Amount of Surface Pipe Set and Cemented at 425 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH 1, 5-18-99 d.c.
(Data must be collected from the Reserve Pit)

Chloride content 11,700 ppm Fluid volume 2000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name Molz Oil & Gas

Lease Name Molz SWD License No. 6006

Quarter 29 Sec. 29 Twp. 32 S Rng. 10 (E/W)

County Barber Docket No. CD 11804

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

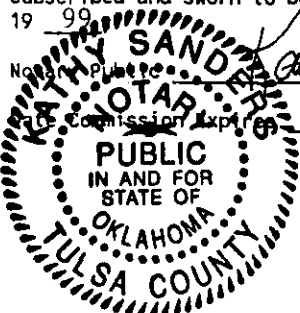
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Daryl K. Duvall

Title District Engineer Date 05-09-99

Subscribed and sworn to before me this 9 day of May, 19 99

Kathy Sanders
My Commission Expires Oct. 26, 2002



RECEIVED
STATE CORPORATION COMMISSION

MAY 10 1999
5-10-99
CONSERVATION DIVISION
Wichita, Kansas

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

X

SIDE TWO

15-007-22893-0000

Operator Name ONEOK Resources Company

Lease Name Lukens Well # 1-2

Sec. 2 Twp. 35 Rge. 14
 East
 West

County Barber County, Kansas **ORIGINAL**

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.)
List All E.Logs Run:
Dual Induction Log
Dual Compensated Porosity Log
Microresistivity

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Base Heebner	3991	- 2410	
Toronto	3999	- 2418	
Douglas	4067	- 2486	
Lansing	4166	- 2585	
Stark	4620	- 3039	
Hertha	4661	- 3080	
Cherokee	4816	- 3235	
Mississippi	4835	- 3254	
RTD	4972	- 3391	

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"	24#	425'	lite class A	200	6% gel, 3% cc, 3% ec, 2% gel
Production	7-7/8"	4-1/2"	11.6#	4970'	Class A	275	10% salt 10% gip

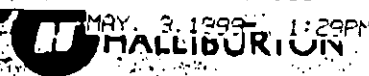
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
		Cherokee	4820-24	
	Mississippi	4840-42	1500 gals	15% NE-FE
	Mississippi	4848-54	" "	" "
	Frac all zones 63,000# 30#xLink gel & 166,400# 12/20 Brady			

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4883'			
Date of First, Resumed Production, SWD or Inj. WOPL			Producing Method <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	Bbls.	Gas	Mcf	Water	Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Conmingled
(If vented, submit ACQ-18.) Other (Specify)

MAY 1 1900
5-10-99
CONSERVATION DIVISION
Wichita Kansas



15-007-22593-0000

ORIGINAL

REGION North America	NWACOUNTRY U S A	TICKET NO. 32902	NO. 480
MOU ID / EMP # MLJ011 H3377 106330	EMPLOYEE NAME STERLING RAINES	BOA / STATE KANSAS	BAE 512
LOCATION LIBERAL K.S.	COMPANY ONE OK	PL DEPARTMENT ZONAL	
TICKET AMOUNT 6808.67	WELL TYPE 02	CUSTOMER REF / PHONE DINA'S HURDLE 316 622 801	
WELL LOCATION HARDTNER KS	DEPARTMENT ZONAL	APT / UWI #	
LEASE / WELLS WILKENS #1-2	SEC / TWP / RING 2-35-14W	JOB # CROSS CODE 033	

HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HEG EMP NAME/EMP#/(EXPOSURE HOURS) HRS
S. RAINES H3377 5.5 106330			
J. WOODMAN 62578 8.5 105848			
D. FOLK 70763 2.5 106105			
J. BUNDA M5870 1.5			

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	9:04							ON LOCATION
	9:15							SAFETY MEETING
	12:19							RUN CASING INTO HOLE
	14:47							DRAG BIT
	14:58							HOOK UP TO RIG PUMP
	15:29							CIRCULATE HOLE
	15:51	2	7.08			50		PLUG RAY & MOUSE HOLE
	16:01							HOOK UP TO HALLIBURTON PUMPS
	16:02							START JOB
	16:02	1	1					2500 PRESSURE TEST LINES
	16:03							SHUT DOWN
	16:20	5	10					250 PUMP MUD FLUSH
	16:04	5	5					250 HCO SPACER
	16:08	6	70.79					250 START CEMENT AT 14.5 GPM
	16:24							SHUT DOWN
	16:25							DROP PLUG
	16:38	6	76.49					700 START DISPLACEMENT
	16:41	2	10					950 LIND PLUG
	16:43	2	1					1600 BUMP PLUG
	16:44							RELEASE MP&E FLOAT AHEAD

JOB COMPLETE

THANK YOU FOR CALLING
HALLIBURTON
STERLING RAINES + CREW RECEIVED

STATE OF KANSAS CONSERVATION DIVISION

MAY 10 1999
5-10-99
CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

ORIGINAL

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX J1
RUSSELL, KANSAS 67665

15-007-22593-0000

SERVICE POINT:

Hot Bend

DATE 2-29-99	SEC 2	TWP 35	RANGE 14	CALLED OUT 1:30 PM	ON LOCATION 6:30 PM	JOB START 8:45 PM	JOB FINISH 9:30 PM
LEASEL KANS		WELL# 1-2	LOCATION Hot Bend - low 2 1/4 N. 1 1/4 W.		COUNTY Barber	STATE KS	
OLD OR NEW (Circle one)			2 1/2 SW into				

CONTRACTOR Duke #5
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 1024 (Patt Lake)
 CASING SIZE 8 3/4" (24") New DEPTH 425'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 42'
 CEMENT LEFT IN CSG. 42'
 PERFS
 DISPLACEMENT 24 1/2 bbls

OWNER ONEOK Resource Co.
 CEMENT
 AMOUNT ORDERED 200 lbs. 100 lbs. 32 cc.
 4" floreal / SK
 100 lbs. Clark 32 cc., 2% oil
 COMMON 100
 POZ MIX
 GEL 2
 CHLORIDE 9
 Fly Seal 50"
 ALW - 200

EQUIPMENT

PUMP TRUCK CEMENTER Tim D
 #181 HELPER Bob B
 BULK TRUCK
 #259-314 DRIVER John K
 BULK TRUCK
 # DRIVER

HANDLING 300
 MILEAGE 30

REMARKS:

Ran 425' of 8 3/4" cas. Broke circulation
 mixed 200 lbs. 100 lbs. 32 cc. 4" floreal / sk
 hollowed by 100 lbs. Clark 32 cc.
 2% oil. Included Plug. Displaced with
 fresh H₂O.

SERVICE

DEPTH OF JOB 425'
 PUMP TRUCK CHARGE 0.300
 EXTRA FOOTAGE 125
 MILEAGE 30
 PLUG 1 - 8 3/4" Rubber

Cement did circulate
 1/2 inch

CHARGE TO: Duke Drilling Inc
 STREET Box 8231
 CITY Hot Bend STATE KS zip 67530

FLOAT EQUIPMENT

1-8 3/4" Baffle plate

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper 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 & understand the "TERMS AND
 CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *Joe Livingston*

Joe Livingston
 PRINTED NAME