

ORIGINAL

CONFIDENTIAL

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

KCC

DEC 17

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Larry M. Jack

Phone () 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Paul Godowic

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

12/4/93 12/11/93

Spud Date 12/4/93 Date Reached TD 12/11/93 Completion Date _____

API NO. 15- 071-20614-000

County Greeley

E/2 SE SW SE Sec. 11 Twp. 17S Rge. 43W

330 Feet from S/X (circle one) Line of Section

1500 Feet from E/X (circle one) Line of Section

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

Lease Name T. Rex Well # 2-11

Field Name Unknown

Producing Formation _____

Elevation: Ground 3850 KB 3860

Total Depth 5180 PSTD _____

Amount of Surface Pipe Set and Cemented at 266 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 D&A 82 3-2-94
(Data must be collected from the Reserve Pit)

Chloride content 3500 ppm Fluid volume 2500 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____ **RELEASED**

Lease Name _____ License No. _____

Quarter SE Sec. _____ Twp. 17S Rng. 43W E/W

County _____ Docket No. _____

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 BY: Larry M. Jack

Title Larry M. Jack, Production Manager Date 12/17/93

Subscribed and sworn to before me this 17 day of December 19 93.

Notary Public Kerran Redington

Date Commission Expires 2/6/94

KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-6-94

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
RECEIVED
STATE CORPORATION COMMISSION
DEC 22 1993
Wichita, Kansas

Operator Name Murfin Drilling Co., Inc. Lease Name T. Rex Well # 2-11

Sec. 11 Twp. 17S Rge. 43W East County Greeley
 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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

Geological report attached.

List All E.Logs Run: BOREHOLE SONIC
COMPENSATED NEUTRON
SHALLOW INDUCTION

CASING RECORD <input 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	266	60/40 Poz	200	3%cc, 2%gel

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift 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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Murfin Drilling Company, Inc.
250 North Water Street
Suite 300
Wichita, Kansas 67202

15-071-20614-00-00

ORIGINAL

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Gentlemen:

I have examined samples on the T. Rex No. 2-11 from 3700' to a total depth of 5180' in Mississippian rocks.

A Sample log with lithological descriptions, two foot drilling time and other pertinent data was plotted on a 5"=100' scale from 3700' to a total depth of 5180'.

Samples on this test are being sent to the Kansas Geological Society Sample Library, 4150 Monroe Street, Wichita, Kansas 67209.

Geological tops corrected to the electrical survey and correlated with the Murfin Drilling Company, Inc. - T. Rex No. 1-11 (1260' FSL & 1800' FWL of Section 11-T17S-R43W, Greeley County, Kansas) a 5229' dry hole about 1/2 mile west-northwest, are as follows:

<u>Formation</u>	<u>Murfin T. Rex No. 2-11</u>		<u>Murfin T. Rex No. 1-11</u>	
Elevation Datum	3859'	KB	3871'	KB
Stone Corral	2616	+1243	2636	+1235
Base of Stone Corral	2640	+1219	2650	+1221
Neva	3360	+499	3378	+493
Foraker	3432	+427	3451	+420
Topeka	3812	+47	3830	+41
Base of Heebner Shale	4048	-189	4067	-196
Toronto	4071	-212	4089	-218
Lansing - Kansas City	4110	-251	4130	-259
Marmaton	4547	-688	4563	-692
Cherokee Shale	4675	-816	4688	-817
Atoka	4862	-1003	4867	-996
Morrow	4992	-1120	4991	-1120
Stockholm Sand Zone	5067	-1208	5064	-1193
Lower Morrow Ls (Keyes)	5081	-1222	5097	-1226
Mississippian (Ste. Gene.?)	5156	-1297	5157	-1286
TD (ES)	5183	-1324	5234	-1363
TD (Driller)	5180	-1321	5229	-1358

Zones of interest are discussed below:

Topeka (3812) Samples were fair to poor over this Limestone formation. Some porosity was noted, but no shows of oil or gas were seen. Samples were circulated at 3840' and at 3856'. No testing could be recommended.

RECEIVED
STATE CORPORATION COMMISSION

DEC 22 1993

CONSERVATION DIVISION
Wichita, Kansas

Russell, Kansas
 793-5861, Great Bend, Kansas

15-071-20611-00-00
CONFIDENTIAL
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

4944

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12-5-93	Sec.	11	fwp.	17	Range	43 ^W	Called Out	11:30pm	On Location	2:00am	Job Start	4:45am	Finish	8:30am
Lease	T-Rex	Well No.	2-11		Location	Ox Town Feeders NW-55-2W-1N-28			County	Greerley	State	KS			
Contractor	Murkin Drly #25														
Type Job	Surface KCC														
Hole Size	12 1/4		I.D. 270												
Csg.	8 5/8 24		Depth 266												
Tbg. Size	CONFIDENTIAL														
Drill Pipe	Depth														
Tool	Depth														
Cement Left in Csg.	15 ft		Shoe Joint												
Press Max.	Minimum														
Meas Line	Displace 15.9 Bbls														
Perf.															

EQUIPMENT

⊙ Kley	No.	Cementer	Fitz
Pumptrk	300	Helper	Ferry
Pumptrk	No.	Cementer	
Pumptrk		Helper	
Bulktrk	212	Driver	Steve
Bulktrk		Driver	

DEPTH of Job

Reference:	Pump Tdk	430 ⁰⁰
	1 8 5/8 Surface Plug	42 ⁰⁰
	235 per mile	204 ⁷⁵
	Sub Total	
	Tax	
	Total	676 ⁷⁵

Remarks: Mix Cement - Release Plug & Displace
 to within 15ft from Bottom
 Cement Didnot Circulate
 Run 40ft of 1" Tbs + Cement to Surface
 Thank You
 Fitz & Crew

Owner *Murkin-Amex-DCX*

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 listed.

Charge To *Murkin Drly*

Street *250 n. Water, St 300*

City *Wichita* State *Kan 67202*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *X Gus Schwartz*

CEMENT

Amount Ordered	200sk 60/40 32CC 226el		
Consisting of	50sk A 32CC		
Common	170sk	2	6 ⁵⁵
Poz. Mix	80sk	2	3 ⁰⁰
Gel.	3sk	2	7 ⁵⁵
Chloride	9sk	2	25 ⁰⁰
Quickset			
Handling	1 ⁰⁰ per sk		250 ⁰⁰
Mileage	4¢ per sk/mile		910 ⁰⁰
	91 miles		
	Sub Total		2,789 ⁵⁰
	Total		

Floating Equipment

RELEASED

FEB 9 4 1995

FROM CONFIDENTIAL

RECEIVED
 STATE CORPORATION
 DEC 22 1993

13-483-2627, Russell, Kansas
 one 316-793-5861, Great Bend, Kansas

CONFIDENTIAL

15-071-20614-00-00
 Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

4963

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
12-11-93	11	17S	43W	9:00 AM	12:30 PM	3:00 PM	6:30 PM
Lease	Well No.	Location			County	State	
T. Rex	2-11	Oxtown 14W-6S-2W-1N			Greeley	KS.	

Contractor	Murfin Dr. #25
Type Job	Plug
Hole Size	7 7/8
Csg.	T.D. 5180 KCC
Tbg. Size	Depth DEC 17
Drill Pipe	Depth CONFIDENTIAL
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner Murfin / Alex / DCK
 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 listed.

Charge To Murfin Dr 15
 Street 250 N. Water St #300
 City Wichita State Kan 67202

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 [Signature]
 CEMENT

EQUIPMENT

No.	Cementer	
Pumptrk 300	Helper	Ken Terry
No.	Cementer	
Pumptrk	Helper	
Bulktrk 315	Driver	Song
Bulktrk	Driver	

Amount Ordered 255 SK. 60/100 Reg 6 1/2 gal 1/4" Flo Seal/SK.

Consisting of

Common	153	SKs	2	6.85	1,048.05
Poz. Mix	102	SKs	2	3.00	306.00
Gel.	9	SKs	2	7.00	63.00
Chloride Flo-Seal	64	#	2	1.10	70.40
Quickset					

DEPTH of Job 2640

Reference:		
Pumptruck		525.00
2.25 per mile		204.75
1.875 Dry Hole plug		21.00
	Sub Total	
	Tax	
	Total	750.75

Handling	1.00 per SK	255.00
Mileage	44 per SK/mile	928.20
	91 miles	
	Sub Total	2,670.65
	Total	

RELEASED

Remarks:

- 40 SK @ 2640 ft. 15 SK in Ret Hole
- 50 SK @ 1950 ft. 10 SK in main Hole
- 80 SK @ 850 ft.
- 50 SK @ 300 ft.
- 10 SK @ 40 ft.

Floating Equipment FEB 9 4 1995

FROM CONFIDENTIAL

Thank you!
 Ken [Signature]

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 STATE CORPORATION COMMISSION
 DEC 22 1993