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KCC WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: N/A
Operator Contact Person: Tom W. Nichols
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

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/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

10/15/05 10/26/05 10-26-2005
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-101-21892-0000
County: Lane
C N2 SW Sec. 16 Twp. 16 S. R. 28 East West
2000 S feet from S / N (circle one) Line of Section
1400 W feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Lawrence Well #: 1-16
Field Name: Wildcat

Producing Formation: N/A
Elevation: Ground: 2719' Kelly Bushing: 2724'
Total Depth: 4600' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 215 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 DA Alt DW 6-13-08
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

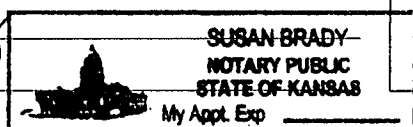
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: [Signature]
Title: Tom Nichols, Production Manager Date: 11-3-05

Subscribed and sworn to before me this 3rd day of November, 2005.

Notary Public: Susan Brady
Date Commission Expires: 11-4-07



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

CONFIDENTIAL

Side Two

ORIGINAL
Well # 1-16

Operator Name: Murfin Drilling Company, Inc. Lease Name: Lawrence
Sec. 16 Twp. 16 S. R. 28 East West County: Lane

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	SEE ATTACHED LIST		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

Dual Induction, Dual Compensated Porosity,
Microresistivity

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		8 5/8		215	Common	160	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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run		
					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumerd Production, SWD or Enhr.			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 Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

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Lawrence #1-16
 Daily drilling report
 Page three

10/26/05 Depth 4600'. Cut 15'. DT: none. CT: 22 ½ hrs. Dev.: 1° @ 4600'. HC @ 7:45 a.m. 10/25/05, Log-Tech logged from 11:00 a.m. to 5:00 p.m., Geologist Released @ 5:30 pm (10/25). Plugged hole w/60/40 poz., 6% gel as follows: 50 sx. @ 2160', 80 sx. @ 1400', 40 sx. @ 760', 50 sx. @ 240', 20 sx. @ 60', 15 sx. in RH, 10 sx. in MH. Began @ 11:00 p.m. 10/25, comp. @ 2:15 a.m. 10/26/05. Orders from Jerry Stapleton, KCC, Dodge City. Rig released @ 6:15 a.m. 10/26/05. **FINAL REPORT.**

MDCI Lawrence #1-16 2000' FSL 1400' FWL Sec. 16-T16S-R28W 2724' KB							MDCI Nimocks-Johnson #1 150' W SE NE Sec. 16-16S-R28W 2677' KB	
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2125	+599	+3	2126	+598	+2	2081	+596
B/Anhydrite	2159	+565	+4	2161	+563	+2	2116	+561
Topeka	3607	-883	flat	3609	-885	-2	3560	-883
Heebner	3890	-1166	-2	3894	-1170	-6	3841	-1164
Toronto	3909	-1185	-2	3912	-1188	-5	3860	-1183
Lansing	3927	-1203	flat	3928	-1204	-1	3880	-1203
Stark	4172	-1448	flat	4175	-1451	-3	4125	-1448
BKC	4254	-1530	-2	4258	-1534	-6	4205	-1528
Mamaton	4273	-1549	-4	4276	-1552	-7	4222	-1545
Fort Scott	4427	-1703	flat	4432	-1708	-5	4380	-1703
Cherokee	4452	-1728	-3	4456	-1732	-7	4402	-1725
Mississippi	4537	-1813	-16	4528	-1804	-7	4474	-1797
Total Depth	4600	-1876		4605	-1881			

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Lawrence #1-16

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #24

Nimocks SW Prospect #3206

Contact Person: David Doyel

1400 FWL 2000 FSL Sec. 16-T16S-R28W
Lane County, Kansas

Phone: 316-267-3241
Well site Geologist: Paul Gunzelman

Call Depth: 3200'
Spud: 6:45 p.m. 10/15/05

API #: 15-101-21892
Casing: 8 5/8" @ 215'

ETD: 4575'

Elevation: 2719' GL
2724' KB

DAILY INFORMATION:

10/12/05 Location too muddy to move rig in.

10/15/05 MIRT.

10/16/05 Depth 215'. Cut 215'. DT: 7 ¼ hrs. (WOC). CT: none. Dev.: ½° @ 215'.
Spud @ 6:45 p.m. 10/15/05. Ran 7 jts. = 206.08' of 8 5/8" surf. csg. set @
215', cmt. w/160 sx. comm., 3% cc, 2% gel, plug down @ 11:45 p.m.
10/15/05, drilled out plug @ 9:00 a.m. 10/16/05, circ. 4 bbls by Allied.

10/17/05 Depth 2065'. Cut 1850'. DT: 2 hrs. (WOC). CT: none. Dev.: none.

10/18/05 Depth 2900'. Cut 835'. DT: 1 ¼ hr. (L.C. approx. 100 bbls @ 2900'), ¾ hr.
(pump). CT: none. Dev.: ½° @ 2193'.

10/19/05 Depth 3380'. Cut 480'. DT: 1 ¾ hrs. (L.C. 120 bbls @ 2931', 100 bbls. @
3024'). CT: none. Dev.: none.

10/20/05 Depth 3940'. Cut 560'. DT: none. CT: ¾ hr. Dev.: none. Mud Vis 46, Wt
8.9, WL, Chlor, LCM, CMC: \$. Geologist on Location @ 3532' 12:20 PM
(10/19). Preparing to run **DST #1 3921-3946 (LKC "A" zone)**:

10/21/05 Depth 4034'. Cut 94'. DT: 1 hr. (pump). CT: 17 ¾ hrs. Dev: 3/4° @ 3946'.
DST #1 3921-3946 (Lansing "A"), 30-60-30-90, Wk surf blw, died in 15 min-
IF, No final blw, RECOVERY: 10' Mud, HP: 1885-1839, FP: 13-23 & 25-32,
SIP: 1059-1058, BHT: 112° F. **Lansing "A"**-Ls, Crm-v.lt gy, fxln, tr frag, ool,
tr foss (fus), cons sec calc, tr pyr, occ wh & v.lt gy op sl foss cht, pr intfrag
por, v.sl odor, v.spty lt yel fluor, gd shw med brn O, spty brn stn. Pipe Strap:
.95' STB@ 3946'.

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- 10/22/05 Depth 4176'. Cut 142'. DT: ½ hr. (pump). CT: 14 ¾ hrs. Dev.: none. Circ to cond hole, Mud Vis 49, Wt 8.9 WL 8.4 Chlor 3100 ppm, LCM 2#, CMC: \$10,145. **DST #2 4084-4176 (KC "H-J")**, 15-60-45-90, Fr blw bldg to 8" in 15 min-IF, Wk blw bldg to BOB in 25 min-FF, No return blw on SI, RECOVERY: 164' Mud w/Oil spots, 62' Wtry Mud (30%Wtr 70%Mud), 125' Wtry Mud (40%Wtr 60%Mud) Chlor: 42000 ppm Rw: .22@56°F. HP:1987-1920, FP:21-98 & 98-178, SIP: 1036-1007, BHT: 117° F. **KC "H"**-Ls, Crm, frag ool, cons sec calc, tr lt gy sl arg Ls, tr pyr, pr intool por, v.sl odor, v.spty lt fluor, v.sl shw lt brn O, v.spty lt brn stn. **KC "I"**-Ls, Crm-tn fxln, tr vfxln, wthd-sl chky, r.org rem, occ spr calc, pr scat pp por, tr pr vug por, fr odor, v.scats edge fluor, v.sl shw med brn O. **KC "J"**-Ls, Wh-crm, frag, ool, rexlzd, chky, occ sec calc, tr pyr, pr-fr intfrag por, occ fr pp por, fr odor, lt yel spty fluor, v.sl shw med brn O, spty v.lt brn stn.
- 10/23/05 Depth 4250'. Cut 74'. DT: 4 ½ hrs. (Repairing Kelley Hose). CT: 15 ¾ hrs. Dev.: none. Mud Vis 47, Wt 8.0 WL 7.6, Chlor 2600 ppm, LCM 1#, CMC: \$10,587. **DST #3 4210-4250 (KC "L")**, 15-30-30-60, Wk surf blw died in 12 min-IF, No final blw, RECOVERY: 15' Oil Cut Mud (2%Oil 98%Mud), HP:2064-2077, FP:13-22 & 26-34, SIP:460-435, BHT: 113° F. **KC "L"**-Ls Lt gy fxln-frag, sl ool, tr org rem, pr-fr pp por, scat pr vug por, gd odor, spty brt yel fluor, sl shw med brn O, spty lt brn stn, occ sat stn, <5% w/shw.
- 10/24/05 Depth 4450'. Cut 200'. DT: 4 ½ hrs. (repairing Kelly hose). CT: 6 ¼ hrs. Dev.: none. Testing, **DST #4 4332-4450 (Altamont-Ft. Scott)**, **Altamont "C"**-Ls, wh frag, v.fnly ool, wthd-sl chky, pr-fr intool por, fr odor, v.spty lt yel fluor, no shw O, lt spty stn. **Ft. Scott**-Ls, Tn & gy frag, ool, cons sec calc, smwt arg, tr org rem, pr intool por, fr odor, spty brt yel fluor, v.sl shw O film, med brn sat stn.
- 10/25/05 Depth 4585'. Cut 135'. DT: none. CT: 12 ½ hrs. Dev.: none. **DST #4 4332-4450 (Altamont-Ft. Scott)**, 30-60-60-90, Wk blw bldg to BOB in 13 min-IF, Bled off no return blw-ISI, Wk blw bldg to BOB in 3 min-FF, Bled off 2 ¾" return blw-FSI, RECOVERY: 1612' GIP, 72' OCM, (5%oil), 124' Mud Cut Gassy Oil (50%Gas 20%Oil), 125' Mud Cut Gassy Oil (50%Gas 30%Oil), HP:2138-2056, FP:22-86 & 83-161, SIP:1072-1000, BHT: 120° F. Preparing to log, should be on bottom @ 11:00 a.m.

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Total Depth	4600	-1876		4605	-1881			

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Allied Cementing Co., Inc
P.O. Box 31
Russell, KS 67665

* * * * *
* I N V O I C E *
* * * * *

Invoice Number: 098951
Invoice Date: 10/20/05

Sold Murfin Drilling Co.
To: 250 N. Water, St. #300
Wichita, KS
67202

8.5/8

Cust I.D.....: Murfin
P.O. Number...: Lawrence 1-16
P.O. Date.....: 10/20/05

Due Date.: 11/19/05
Terms....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	10.0000	1600.00	T
Gel	3.00	SKS	14.0000	42.00	T
Chloride	5.00	SKS	38.0000	190.00	T
Handling	168.00	SKS	1.6000	268.80	E
Mileage	45.00	MILE	10.0800	453.60	E
168 sks @.06 per sk per mi					
Surface	1.00	JOB	670.0000	670.00	E
Mileage pmp trk	45.00	MILE	5.0000	225.00	E
Surface Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following
Date of Invoice. 1 1/2% Charged Thereafter.
If Account CURRENT take Discount of \$ 350.44
ONLY if paid within 30 days from Invoice Date

Subtotal: 3504.40
Tax.....: 100.01
Payments: 0.00
Total....: 3604.41

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KCC WICHITA

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

DATE <u>10-15-05</u>	SEC <u>16</u>	TWP. <u>16^s</u>	RANGE <u>28^w</u>	CALLED OUT	ON LOCATION <u>9:30^{pm}</u>	JOB START	JOB FINISH <u>11:45^{AM}</u>
LEASE <u>Lawrence</u>	WELL # <u>1-16</u>	LOCATION <u>Shields E.S. 3N-34E</u>	COUNTY <u>Lane</u>	STATE <u>Kan</u>			
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MurFin Dls Co # 24

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 215'

CASING SIZE 8 5/8 DEPTH 215

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 12 3/4 BBL

EQUIPMENT

OWNER Same

CEMENT

AMOUNT ORDERED 160 SKs com

3% cc - 2% lcl

COMMON	<u>160 SKs</u>	@	<u>10⁰⁰</u>	<u>1,600⁰⁰</u>
POZMIX		@		
GEL	<u>3 SKs</u>	@	<u>14⁰⁰</u>	<u>42⁰⁰</u>
CHLORIDE	<u>5 SKs</u>	@	<u>38⁰⁰</u>	<u>190⁰⁰</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168 SKs</u>	@	<u>16⁰⁰</u>	<u>268⁸⁰</u>
MILEAGE	<u>64^{pm} SK/mile</u>			<u>453⁶⁰</u>
TOTAL				<u>2,554⁴⁰</u>

PUMP TRUCK CEMENTER Walt

102 HELPER

BULK TRUCK

377 DRIVER Jarrod

BULK TRUCK

DRIVER

REMARKS:

Cement Did Cure

Thank You

CHARGE TO: MurFin Dls Co, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

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.

SIGNATURE Anthony Martin
Great Job Guys

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE 670⁰⁰

EXTRA FOOTAGE @ _____

MILEAGE 45-miles @ 5⁰⁰ 225⁰⁰

MANIFOLD @ _____

TOTAL 895⁰⁰

PLUG & FLOAT EQUIPMENT

8 5/8

1-Surface Plug @ 55⁰⁰

RECEIVED @ _____

NOV 04 2005 @ _____

KCC WICHITA @ _____

TOTAL 55⁰⁰

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Anthony Martin