

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

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WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

SEP 23 2005

KCC WICHITA

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

API No. 15 - 167-23290-00-00  
County: Russell  
NE SW NE Sec. 27 Twp. 12 S. R. 14  East  West  
1530N feet from S / (N) (circle one) Line of Section  
1640E feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Austin Well #: 1-27  
Field Name: Wildcat  
Producing Formation: LKC/Arbuckle

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Elevation: Ground: 1757' Kelly Bushing: 1762'  
Total Depth: 3320' Plug Back Total Depth: 3277'  
Amount of Surface Pipe Set and Cemented at 560 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 851 Feet  
If Alternate II completion, cement circulated from 851  
feet depth to surface w/ 105 sx cmt.

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. \_\_\_\_\_

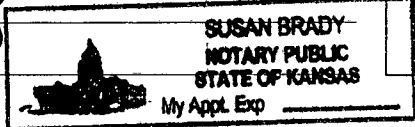
Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid Volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

7/17/05 7/27/05 8/30/05  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

**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: 9/21/05  
Subscribed and sworn to before me this 21<sup>st</sup> day of September, 2005.  
Notary Public: Susan Brady  
Date Commission Expires: 11-4-07



**KCC Office Use ONLY**

Yes Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Side Two

Operator Name: Murfin Drilling Company, Inc. Lease Name: Austin Well#: 1-27  
Sec. 27 Twp. 12 S. R. 14  East  West County: Russell

KCC WICHITA

**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  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:

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

SEE ATTACHED LIST

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Dual Induction, 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                     |                   | 560           | Common         | 300          | 3% cc, 2% gel              |
| Production  |                   | 5 1/2                     |                   | 3320          | AA-2           | 150          |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |  |
|---|------------------|----------------|-------------|--|
| Purpose:  | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives                     |
| <input type="checkbox"/> Perforate<br><input checked="" type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone | 0-851            | A-con          | 105         | 3% cc, 2% Calset, 2% Metsolite, 2% Cell flakes |
|   |                  |                |             |  |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4              | 3116-20 LKC 'J'   | 2250 GAL 15% NEFE, 30 Ball Sealers  |       |
| 4              | 2962-72 LKC 'C'   |   |       |
|                | CIBP @ 3100'  |   |       |
|                |   |   |       |

| TUBING RECORD   |           | Size  | Set At      | Packer At     | Liner Run   |
|---|-----------|---|-------------|---------------|---|
|   |           | 2 3/8"  | 2992.47'    |               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr.<br>8/31/05 |           | Producing Method<br><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   |
|   | 70        | -----   | 20          | -----         |   |

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
(If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

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| MDCI<br>Austin #1-27<br>1530 FNL 1640 FEL<br>Sec. 27-12-14W<br>1762' KB |             |       |      |          |       |      | MDCI<br>Michaelis #1-22<br>1450 FWL 1650 FNL<br>Sec. 22-12S-14W<br>1794' KB |       |
|---|-------------|-------|------|----------|-------|------|---|-------|
| Formations  | Sample Tops | Datum | Ref  | Log tops | Datum | Ref  | Log Tops  | Datum |
| Anhydrite   | 798         | +964  | +12  |          |       |      | 842   | +952  |
| B/Anhydrite   | 830         | +932  | +17  |          |       |      | 879   | +915  |
| Topeka  | 2610        | -848  | +2   | 2611     | -849  | +1   | 2644  | -850  |
| Oread Por   | 2834        | -1072 | +2   | 2836     | -1074 | Flat | 2868  | -1074 |
| Heebner   | 2869        | -1107 | -1   | 2870     | -1108 | -2   | 2900  | -1106 |
| Toronto   | 2888        | -1126 | Flat | 2889     | -1127 | -1   | 2920  | -1126 |
| Lansing   | 2917        | -1155 | +5   | 2920     | -1158 | +2   | 2954  | -1160 |
| Lansing B   | 2945        | -1183 | +1   | 2947     | -1185 | -1   | 2978  | -1184 |
| Lansing D   | 2960        | -1198 | +2   | 2960     | -1198 | +2   | 2994  | -1200 |
| BKC   | 3188        | -1426 | -3   | 3189     | -1427 | -4   | 3217  | -1423 |
| Arbuckle  | 3258        | -1496 | -35  | 3260     | -1498 | -37  | 3255  | -1461 |
| RTD   | 3320        |       |      |          |       |      |   |       |
| LTD   | 3324        |       |      |          |       |      | 3360  | -1566 |

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**Austin #1-27**

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

Stuttgart #3133

Contact Person: Scott Robinson  
Phone number: 316-267-3241  
Well site Geologist: Dave Goldak

1530 FNL 1640 FEL  
Sec. 27-T12S-R14W  
Russell County, Kansas

Call Depth: 2300'  
Spud: 8:15 p.m. 7/17/05

TD: 3320'

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API #: 15-167-23290  
Casing: 8 5/8" @ 560'  
5 1/2" @ 3320'  
Elevation: 1757' GL  
1762' KB

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DAILY INFORMATION:  
7/17/05 MIRT.

7/18/05 Depth 530'. Cut 530'. DT: none. CT: none. Dev.: none.

7/19/05 Depth 1280'. Cut 750'. DT: 8 hrs. (WOC), 1 hr. (pump). CT: none.  
Dev.: 1/4° @ 560'. Ran 13 jts. = 551.02' of 8 5/8" surf. csg. set @ 560',  
cemt. w/300 sx. comm., 3% cc, 2% gel, plug down @ 11:15 a.m. 7/18/05,  
drilled out @ 7:15 p.m. 7/18/05, circ. 10 bbls by Allied.

7/20/05 Depth 2000'. Cut 720'. DT: 4 hrs. (1 1/2 hrs. rig check, 2 1/2 hrs. pump).  
CT: none. Dev.: none.

7/21/05 Depth 2605'. Cut 605'. DT: 2 1/4 hrs. (R.C. & pump). CT: none. Dev.:  
1/2° @ 2063'.

7/22/05 Depth 2860'. Cut 255'. DT: none. CT: 13 3/4 hrs. Dev.: 3/4° @ 2860'.  
**Oread Porosity:** crm lm v fn-fn xln foss in part p-fr pp vug & inter xln  
porosity sl-fr sfo fr odor sptd sat stn fr-gd fluor & cut 13' drlg brk 2-2 1/2  
min/ft. 1-1 1/2 min/ft. **DST #1 2831-2860 (Oread):** 30-45-60-90; IF: wk  
blw building to 2". FF: no blow - wk surface blw 20 min. into period  
remained thru end of period. Rec. 125' MW w/ oil spks (35,000 ppm chl).  
SIP: 1017-1005; FP: 19/37, 41/65; HP: 1325-1279. BHT 101°.  
**Toronto:** no show. **Lansing A zone:** drilled 3-3 1/2 min/ft. lm fn-med xln  
scat p-tr f xln porosity tr fo tr sat stn fr odor. **Lansing B zone:** Circ @  
2958' drilled 2-2 1/2 min/ft. from 3 1/4-4 min/ft. lm crm-tn mottled v f-fn xln  
foss scat oolites fr-tr good vug & inter xln porosity fr scat-good sfo gas in  
part fr odor spty-sat stn fr-gd fluor & cut. Pipe strap .33' long to board @  
2860'. **DST #2 2866-2958 (Toronto, Lansing A, B):**

- 7/23/05 Depth 2958'. Cut 98'. DT: ½ hr. (pump). CT: 17 ½ hrs. Dev.: none. **DST #2 2866-2958 (Toronto, Lansing A, B):** 40-60 misrun circ. sub plug failed. **DST #3 2866-2958 (Toronto, Lansing A,B):** 30-45-60-90. IF: strong blow OBOB in 26 min. FF: strong blow OBOB in 35 min. Rec. 270' SLOCMW (5% O, 15% M, 80% W), 38,000 ppm chl. SIP: 495-490; FP: 16/91, 95/146; HP: 1349-1292. BHT 100°.
- 7/24/05 Depth 3025'. Cut 67'. DT: none. CT: 19 ½ hrs. Dev.: none. **Lansing D zone:** gd drlg brk 2960-69', ½-1 min/ft. lower part of D hardened up to 4-4 ½ min/ft. lm crm-tn v fn xln oolitic fr oomoldic & inter xln porosity fr-gd s fo & gas bubbles gd odor fr-gd spty-sat stn fr-gd fluor good cut. **DST #4 2957-2973 (Lansing D):** 30-45-60-90. IF: strong blow OBOB in 5 min. ISl: ½" blow. FF: strong blow OBOB in 2 min. FSl: 3" blow. Rec. 1380' GIP, 125' CO, 10' HV OCM (50% O) 37° grav. SIP: 551-551, FP: 15/47, 48/77, HP: 1415-1353. BHT 99°. **Lansing E/F:** tight no show. **Lansing G:** lm crm fn xln oolitic fr oomoldic & inter xln porosity fr-gd sfo good odor spty stn poor -good fluor & cut drilled 1 ½-2 min/ft. **DST #5 2982-3025 (Lansing G):** 30-45-60-90. IF: strong blow OBOB in 15 min. FF: strong blow OBOB in 24 min. Rec. 60' MW w/O spks, 360' SLMW (20,000 PPM CHL), 420' TF. SIP: 531-534; FP: 17/121, 124/217. HP: 1421-1385. BHT 102°. **Lansing H:** tight no show. **Lansing I:** tr fo in 2-3 pieces. **Lansing J:** lt gry-crm oolitic v fn xln p-gd oomoldic porosity p-fr inter xln porosity sl-fr sfo & gas bubbles gd odor spty stn tr sat stn p-gd fluor & cut.
- 7/25/05 Depth 3133'. Cut 108'. DT: ¼ hr. (pump). CT: 15 hrs. Dev.: none. **DST #6 3072-3133 (Lansing I & J zones):** 30-45-30-45. IF: wk surf blow died in 15 min. FF: no blow. Rec. 2' M w/O spts. SIP: 588/505; FP: 14/19, 19/22; HP: 1471-1431. BHT 102°.
- 7/26/05 RTD 3320'. Cut 187'. DT: none. CT: 14 hrs. Dev.: ¼° @ 3320'. **Lansing K & L zones:** v wk sfo no drlg brk. HC @ 1:45 a.m. 7/26/05. Log Tech began logging @ 6:00 a.m. 7/26/06. LTD @ 3324'. Going to run 5 ½" prod. csg. after log.
- 7/27/05 RTD 3320'. CT: 18 ¼ hrs. Log Tech finished logging @ 9:45 a.m. 7/26/05. Ran 78 jts. = 3320' of 15.5#, 5 ½" prod. csg. set @ 3320', Acid Services cmt.w/150 sx. AA-2, plug down @ 9:45 p.m. 7/26/05, port collar @ 851', 15 sx. in RH. Rig released @ 1:45 a.m. 7/27/05 **FINAL REPORT**

Austin #1-27  
 Daily drilling report  
 Page three

| MDCI<br>Austin #1-27<br>1530 FNL 1640 FEL<br>Sec. 27-12-14W<br>1762' KB |             |       |      |          |       |      | MDCI<br>Michaelis #1-22<br>1450 FWL 1650 FNL<br>Sec. 22-12S-14W<br>1794' KB |       |
|---|-------------|-------|------|----------|-------|------|---|-------|
| Formations  | Sample Tops | Datum | Ref  | Log tops | Datum | Ref  | Log Tops  | Datum |
| Anhydrite   | 798         | +964  | +12  |          |       |      | 842   | +952  |
| B/Anhydrite   | 830         | +932  | +17  |          |       |      | 879   | +915  |
| Topeka  | 2610        | -848  | +2   | 2611     | -849  | +1   | 2644  | -850  |
| Oread Por   | 2834        | -1072 | +2   | 2836     | -1074 | Flat | 2868  | -1074 |
| Heebner   | 2869        | -1107 | -1   | 2870     | -1108 | -2   | 2900  | -1106 |
| Toronto   | 2888        | -1126 | Flat | 2889     | -1127 | -1   | 2920  | -1126 |
| Lansing   | 2917        | -1155 | +5   | 2920     | -1158 | +2   | 2954  | -1160 |
| Lansing B   | 2945        | -1183 | +1   | 2947     | -1185 | -1   | 2978  | -1184 |
| Lansing D   | 2960        | -1198 | +2   | 2960     | -1198 | +2   | 2994  | -1200 |
| BKC   | 3188        | -1426 | -3   | 3189     | -1427 | -4   | 3217  | -1423 |
| Arbuckle  | 3258        | -1496 | -35  | 3260     | -1498 | -37  | 3255  | -1461 |
| RTD   | 3320        |       |      |          |       |      |   |       |
| LTD   | 3324        |       |      |          |       |      | 3360  | -1566 |

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Austin 1-27  
 Workover Report  
 Section 27-12S-14W  
 Russell County, KS

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7/26 Driller TD @ 3320', Log-Tech TD 3324', Log-Tech ran Borehole Compensated Sonic Log, Dual Compensated Porosity Log, Dual Induction Log, Microresistivity Log. Top of Anhydrite 794', base of Andydrite 832', 81 jts 5 1/2", 15.5# new & used csg on location. Scott's Welding welded on rotating scratchers on pay zone f/29552985' (D). Rig TIH w/bit to btm, circ & condition hole f/2 hrs. Murray Csg crew on location. TOH & laid dwn drill pipe, collars & bit, installed 8 5/8" x 5 1/2" Larkin 1000 WP slip type head. RU csg tongs, TIH w/1- 5 1/2" guide shoe, 78 jts 5 1/2", 15.5# J-55 8rd LTC new & used csg, picked up 1 jt & tagged TD, guide shoe landed @ 3320', insert float valve 3277, shoe jt 43.00', port collar 851', top of Anhydrite 794', base 832', centralizers installed on jts #1,3,5,7,9,11,13,15,57,59. Cmt basket on jt #59. Dropped ball, broke circ, circ f/5 mins, start rotating 5 1/2" csg & continued circ f/1 1/2 hrs. RU Acid Service pumped 25 bbls w/2% KCL Pre-Flush, 12 bbls Mud-Flush, 5 bbls H2O spacer, start mix & pumped 150 sks AA-2 Premium cmt 4 BPM, 150 psi, released plug start displacement, 62 bbls out Lift cmt 4 BPM 450 psi, rotating during job, plug dwn displaced w/79 bbls, pressured csg to 1500 psi, released press insert valve, held OK. Mixed & pumped 25 sks 60/40 Pos plugged rat hole, good returns thru out cmt job. Plugged dwn @ 9:45 p.m. 7/26/05. Installed 5 1/2" slips & packed off head. Job complete @ 10:30 p.m.

7/27-8/1 Waiting on Completion Equipment  
 08/02 Log Tech ran Sonic Cmt Bond Log.  
 08/03-08 Waiting on Completion Equipment

8/09 MIRU MDC's Unit #448. TIH w/5 1/2" positioning port collar tool on 26 jts 2 3/8" tbg, port collar @ 851'. RU Acid Services, pressured test csg to 1100', held OK. Opened port collar, pumped, broke circ @ 3 1/2 BPM @ 200 psi, start mixing cmt, pumped 105 sks A-Con w/3% CC, 2% Calset, 2% Metsolite, 2% Cell flakes, displaced tbg vol 3.3 bbls, closed port collar, pressured test to 1300 psi, held OK. Ran tbg to 1016' & reversed circ, pumped 28 bbls, washed up, TOH w/tbg & tool. Witnessed by Case Morris w/KCC. SDON.

8/10 RU 5 1/2" csg swab, S/D to 2600'. RU Perf-Tech, perf'd LKC "J" 3116-20' 4 SPF, EHSC, LKC "C" 296272' 4 SPF, EHSE TIH w/5 1/2" X-Pert plug & pkr on 2 3/8" tbg, isolated LKC "J" 311620', set plug 3162', pkr 3088". TIH w/tbg, S/D to 3088', zone dry, no fluid entry, let sit 30 mins. TIH w/swab, no fluid entry. RU Allied Acid Co, spot & treat w/250 gals 15% MCA acid, displaced w/lse wtr, staged acid out @ 300 psi, 1 bbl, staged 2nd bbl acid @ 500 psi, staged 3 bbls acid out 700 psi, 3 1/2 bbls out broke back to 200 psi, feeding .50 BPM @ 150 psi, pumped 1bbl over. Total load 20.75 bbls, ISIP 100 psi, 5 mins to vac. TIH w/swab, S/D to 3088', rec 18.84 bbls of 20.75 bbl load. Zone dry up, very little show oil skim, let sit 30 mins. TIH w/swab, 60' FL in tbg. Will check a.m. fill-up.

8/11 Perfs 3116-20' (J zone), pkr 3088'. Ran tbg swab, 500' FI tbg, trace oil on top. Set 30 mins, 50' FI tbg, trace oil. Moved tools, set plug 3000', pkr 2926', perfs 2962-72' (C zone). Ran tbg swab, no fluid entry. Set 1 hr, 20' FI tbg, muddy oil. RU Allied Acid to treat w/500 gals 15% MCA, spot acid & set pkr 2926', load tbg treat on vac 1/4 BPM w/2 bbls out rate increased to 1/2 BPM, all acid out rate @ 3/4 BPM on vac, 24 1/2 bbl load, S/D, rec 21 bbls, 800' FI tbg, light gassy oil. Swab test 4 PPH f/2926': 1st hr 9.28 bbls, 100% oil. 2nd hr 7.0 bbls, 100% oil. 3rd hr 7.0 bbls, 100% oil, 800'/pull. SI SDON.

8/12 Ran tbg swab, perfs 2962-72', pkr 2926', 1800 FTF, 1150' FI tbg. S/D to 2926', rec 20.88 bbls. Treated perfs w/ 1500 gals 15% NEFE w/ 30 ball sealers 4 BPM @ 300psi. Balls on perfs gradual increase in pressure to 800 psi, all acid in BPM 750 psi, ISIP vac, 1/4 BPM. Total load 48.5 bbls. S/D to 2926', rec 51.62 bbls, 700' FI tbg. Swab test 4 PPH f/2926' 1st hr 7.0 bbls, trace acid wtr. TOH w/ tbg, pkr & plug. Set CIBP 3100'. SDOWE.

8/15 TIH w/2 3/8" x 10.50' PMA, 2 3/8" x 1.10' SN, 92 jts 2 3/8" OD EUE 8rd tbg = 2980.87', SN @ 2980.87', btm PMA 2992.47'. TIH w/2" x 1 1/2" x 12' RWT w/12" strainer nipple, 2" x 3/4" rod sub, 8-7/8" rods, 110-3/4" rods, 4' x 3/4" rod sub, 1 1/4" x 16' PR w/6" liner. Spaced pump. RDMOL.

Russell Ro's plumbed in well. Mai Excavating set 16' cattle guard @ entrance to lse.

08/16 Built PU pad & tankbattery pad, signed contract for electricity

08/17 Met w/ KDOT permanent entrance off Hwy 281 has to be blacktop. Signed application for permit called APAC (Asphalt paving Co., from Hays, KS) for estimate.

08/19 Hauled Parkerburg 80 PU from Minneola Yard to lease. Set PU & hung on. Parkersburg CH80D Serial # 34285, 22.24 Factory base Adj crank w/s 24 36 48, 3-C 24" sheave.

08/22 Rolling Hills Electric set meter pole

08/23 Hammersmith Electric ditched & laid 1800' 2" PVC Lead Line will ditch electric line in next a.m.

08/24 Set Robbins Myers 15 Hp 1115 rpm motor Ser #9951N2, 3-C 6" sheave, 3-C 210 Belts. Hammersmith started ditching & laying electric line. Installed Test bbl & cattle panels around wellhead.

08/26 Finished electrical hookup, Serviced pumping unit. McDonald Tank to set tank battery Tuesday 8/30.05.

08/29 Waiting on Tank Battery

→ 08/30 Start up well pumped up. 9.37 spm x 48" x 1 1/2". McDonald Tank Set 10' x 15' FGGB, 2 -12' x 10' FGST. Put 70 bbl SW in GB. Transfer 5'4" from Swab tank to GB. Built dike & fenced in TB site. Will set SW tank Thursday.

08/31 70.63 BO, 24.82 BW, 26% wtr, 95.45 TF, NPF @ 81% PE, 63 JTF = 2040, 940 FAP, NPF, 1 1/2 x 9.37 x 48"

09/01 71.03 BO, 17.48 BW, 28% wtr

09/02 65 JTF = 2105, 875 FAP, NPF 1 1/2 x 9.37 x 48", 79.52 BOIS, 14 BW, McDonald Tank Set 12 x 10 FGSWT SN M4916 & hooked up.

09/03 69.30 BOIS

09/04 77.65 BO, 12.53 BW, 14% wtr, 90.18 BTF, PF @ 76% PE

09/05 53.02 BO, 11.27 BW, 17 1/2% wtr, 64.29 BTF, PF @ 55% PE, 53 BOIS

09/06 45.96 BO, 9.15 BW, 16.6% wtr, 55.11 BTF, PF @ 47% PE, 45.92 BOIS Pounding in the middle of the stroke

09/07 41.73 BO, 7.95 BW, 16% wtr, 49.68 BTF, PF @ 42% PE, 41.75 BOIS

09/08 37.33 BO, 6.08 BW, 14% wtr, 43.41 BTF, PF @ 37% PE, 37.15 BOIS



**Austin 1-27**  
**Workover Report**  
**Section 27-12S-14W**  
**Russell County, KS**

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9/09 35.19 BO, 5.73 BW, PF, 35% NPE, 35.19 BOIS  
9/10 33.31 BO, 6.35 BW, PF, 34% NPE, 33.31 BOIS  
9/11 31.72 BO, 6.27 BW, PF, 32% NPE, 31.72 BOIS  
9/12 31.74 BO, 5.00 BW, PF, 31% NPE, 31.74 BOIS  
9/13 27.55 BO, 5.85 BW, PF, 28% NPE, 27.55 BOIS  
9/14 27.55 BO, 5.85 BW, PF, 28% NPE, 27.55 BOIS  
9/15 27.51 BO, 5.05 BW, PF, 28% NPE, 27.51 BOIS  
9/16 25.89 BO, 4.18 BW, 13.9% wtr, 30.07 BTF, PF @ 26% PE, 25.89 BOIS  
9/17 25.07 BO, 4.99 BW, 16.6% wtr, 30.06 BTF, PF @ 25% PE, 25.05 BOIS  
9/18 Same  
9/19 24.23 BO, 5.00 BW, 17.1% wtr, 29.23 BTF, PF @ 24.79% PE, 24.22 BOIS







# TREATMENT REPORT

AS Conn.

|                             |           |                |
|-----------------------------|-----------|----------------|
| Customer ID                 | Date      |                |
| Customer<br>Murfin Drilling | 8-9-05    |                |
| Lease<br>Austin             | Lease No. | Well #<br>1-27 |

|                               |                       |                 |                                 |                   |             |
|-------------------------------|-----------------------|-----------------|---------------------------------|-------------------|-------------|
| Field Order #                 | Station<br>Pratt      | Casing<br>5 1/2 | Depth<br>852 P.C.               | County<br>Russell | State<br>KS |
| Type Job<br>5 1/2 Port collar | Formation<br>New well |                 | Legal Description<br>27-12s-14w |                   |             |

| PIPE DATA            |                            | PERFORATING DATA |    | FLUID USED                         |            | TREATMENT RESUME |       |                  |
|----------------------|----------------------------|------------------|----|------------------------------------|------------|------------------|-------|------------------|
| Casing Size<br>5 1/2 | Tubing Size<br>2 3/8       | Shots/Ft         |    | Acid<br>1055Ks A-con               |            | RATE             | PRESS | ISIP             |
| Depth<br>P.C. 852    | Depth                      | From             | To | Pre Pad<br>3% CC 2% Cal set        | Max        |                  |       | 5 Min.           |
| Volume               | Volume<br>Tbg cap 3.3 BBLs | From             | To | Pad<br>metsolite 2%                | Min        |                  |       | 10 Min.          |
| Max Press            | Max Press                  | From             | To | Frac<br>2% cellflake               | Avg        |                  |       | 15 Min.          |
| Well Connection      | Annulus Vol.               | From             | To | 11.70 #/gal 17.16 #/gal 2.79 #/gal | HP Used    |                  |       | Annulus Pressure |
| Plug Depth           | Packer Depth               | From             | To | Flush                              | Gas Volume |                  |       | Total Load       |

|  |                               |                           |
|--|-------------------------------|---------------------------|
| Customer Representative<br>MARK Robben | Station Manager<br>DAVE scott | Treater<br>Allen F. Werth |
|--|-------------------------------|---------------------------|

|               |     |     |     |     |
|---------------|-----|-----|-----|-----|
| Service Units | 125 | 228 | 303 | 575 |
|---------------|-----|-----|-----|-----|

| Time  | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate  | Service Log  |
|-------|-----------------|-----------------|--------------|-------|--|
| 12:00 |                 |                 |              |       | called out 8-9-05  |
| 12:24 |                 |                 |              |       | on loc w/ Equip. setup + Plan Job.                                       |
| 13:00 | 1200            | 1200            |              |       | hookup to well + PST test "OK"   |
|       | 200 #           | 200 #           | 6 1/2        | 3 1/2 | open port collar + take inj rate<br>3 1/2 BPM @ 200 # good ex            |
| 13:15 |                 |                 |              |       | St mix 1055Ks A-con w/ 3% CC<br>2% cal set 2% metsolite<br>2% cell flake |
| 13:40 |                 |                 | 52           |       | Fin mix "cmt topit"  |
| 13:41 | 300 #           | 300 #           | 2 1/2        | 2     | st Disp. Tbg cap. 3.3 BBLs   |
| 13:43 | 1300            | 1300 #          | 2 1/2        |       | Fin Disp - Close tool + PST Test   |
| 14:00 |                 |                 |              |       | Run to 1016' wash AROUND tool<br>+ clean up Hole.                        |
|       | 200 #           | 200 #           | 28           | 3     | wash up Equip  |
| 14:45 |                 |                 |              |       | Job complete.  |
|       |                 |                 |              |       | thanks Allen + crew  |

8-18-05

Allied Cementing Co., Inc  
P.O. Box 31

Russell, KS 67665

\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

Invoice Number: 097641

Invoice Date: 07/20/05

8 7/8"

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

KCC  
SEP 23 2005  
CONFIDENTIAL

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SEP 23 2005  
KCC WICHITA

Cust I.D.....: Murfin  
P.O. Number...: Austin 1-27  
P.O. Date.....: 07/20/05

Due Date.: 08/19/05  
Terms.....: Net 30

| Item I.D./Desc. | Qty. Used | Unit | Price    | Net     | TX |
|-----------------|-----------|------|----------|---------|----|
| Common          | 300.00    | SKS  | 8.7000   | 2610.00 | T  |
| Gel             | 6.00      | SKS  | 14.0000  | 84.00   | T  |
| Chloride        | 9.00      | SKS  | 38.0000  | 342.00  | T  |
| Handling        | 315.00    | SKS  | 1.6000   | 504.00  | E  |
| Mileage         | 1.00      | MILE | 180.0000 | 180.00  | E  |
| Min.Chg.        |           |      |          |         |    |
| Surface         | 1.00      | JOB  | 670.0000 | 670.00  | E  |
| Mileage pmp trk | 6.00      | MILE | 5.0000   | 30.00   | E  |
| Rubber Plug     | 1.00      | EACH | 100.0000 | 100.00  | T  |

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$ 452.00  
ONLY if paid within 30 days from Invoice Date

Subtotal: 4520.00  
Tax.....: 213.25  
Payments: 0.00  
Total....: 4733.25

452.00  
4281.25

| Account | Unit | W | No.  | Amount              | Description    |
|---------|------|---|------|---------------------|----------------|
|         | Rig  | L |      |                     |                |
| 03600   | DAY  | W | 2296 | 4733.25<br>(452.00) | Cement S. Csg. |

OK  
DD

# ALLIED CEMENTING CO., INC.

21589

Federal Tax I.D.

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

SERVICE POINT:  
Russell

|                                |                    |                         |                 |            |                              |                          |                              |
|--------------------------------|--------------------|-------------------------|-----------------|------------|------------------------------|--------------------------|------------------------------|
| DATE <u>7-18-05</u>            | SEC.               | TWP.                    | RANGE           | CALLED OUT | ON LOCATION<br><u>8:45AM</u> | JOB START<br><u>12:3</u> | JOB FINISH<br><u>11:15AM</u> |
| LEASE <u>Austin</u>            | WELL # <u>1-27</u> | LOCATION <u>Russell</u> | <u>60 Winto</u> |            | COUNTY<br><u>Russell</u>     | STATE<br><u>Kansas</u>   |                              |
| OLD OR <u>NEW</u> (Circle one) |                    |                         |                 |            |                              |                          |                              |

CONTRACTOR Martin Drilling Rig 24

TYPE OF JOB Surface

HOLE SIZE 12 1/2" T.D. 560'

CASING SIZE 8 1/2" DEPTH 560'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 347 RB1

EQUIPMENT

PUMP TRUCK CEMENTER Steve

# 345 HELPER Craig

BULK TRUCK

# 302 DRIVER Gary

BULK TRUCK

# DRIVER

REMARKS:

Cement did Circulate

Thank You

CHARGE TO: Martin

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  
Good Job Guys

OWNER

CEMENT

AMOUNT ORDERED 300 sk Con 3 1/2 CC

2 1/2 Gal

|          |            |                |                |
|----------|------------|----------------|----------------|
| COMMON   | <u>300</u> | @ <u>8.70</u>  | <u>2610.00</u> |
| POZMIX   |            | @              |                |
| GEL      | <u>6</u>   | @ <u>14.00</u> | <u>84.00</u>   |
| CHLORIDE | <u>9</u>   | @ <u>38.00</u> | <u>342.00</u>  |
| ASC      |            | @              |                |

RECEIVED

SEP 2 2 11 11

KCC WICHITA

|          |                      |               |                 |
|----------|----------------------|---------------|-----------------|
| HANDLING | <u>3/5</u>           | @ <u>1.60</u> | <u>504.00</u>   |
| MILEAGE  | <u>6 1/2 sk/mile</u> |               | <u>180.00</u>   |
| TOTAL    |                      |               | <u>3,720.00</u> |

SERVICE

|                   |          |               |               |
|-------------------|----------|---------------|---------------|
| DEPTH OF JOB      |          |               |               |
| PUMP TRUCK CHARGE |          |               | <u>670.00</u> |
| EXTRA FOOTAGE     |          | @             |               |
| MILEAGE           | <u>6</u> | @ <u>5.00</u> | <u>30.00</u>  |
| MANIFOLD          |          | @             |               |
|                   |          | @             |               |
|                   |          | @             |               |
| TOTAL             |          |               | <u>700.00</u> |

PLUG & FLOAT EQUIPMENT

|                            |   |               |
|----------------------------|---|---------------|
| <u>1 Solid Rubber Plug</u> | @ | <u>100.00</u> |
|                            | @ |               |
|                            | @ |               |
|                            | @ |               |
|                            | @ |               |
| TOTAL                      |   | <u>100.00</u> |

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Anthony Martin  
PRINTED NAME



KCC

SEP 23 2005

TREATMENT REPORT

Field Order # 10283 Station PRATT Casing 5 1/2 Depth 3320 County RUSSELL State KS  
 Type Job 5 1/2 LS. NEW WELL Formation CTO - 3324 Legal Description 27-12S-KW

Customer ID CONFIDENTIAL Date 7/26/05  
 Customer MURKIN OIL CO. Lease No. Well # 1-27  
 Lease AUSTIN

| PIPE DATA          |                     | PERFORATING DATA |    | FLUID USED                           |                    | TREATMENT RESUME |       |                  |
|--------------------|---------------------|------------------|----|--------------------------------------|--------------------|------------------|-------|------------------|
| Casing Size 5 1/2  | Tubing Size TP-3322 | Shots/Ft         |    | Acid 150 SKS AA-2                    |                    | RATE             | PRESS | ISIP             |
| Depth 3320         | From                | To               |    | Pre Pad 1 1/2 SAIT @ 1/2 FLA 32      | Max 2 1/2          | DEFORMER         | 33    | 5 Min. CFR-3     |
| Volume 77.99       | From                | To               |    | Pad 5* GILSONITE                     | Min                |                  |       | 10 Min.          |
| Max Press 2000     | From                | To               |    | Frac 1 1/2" GAL 1.45 ft <sup>3</sup> | Avg                |                  |       | 15 Min.          |
| Well Connection PC | Annulus Vol.        | From             | To | 25 SKS 60/40 P02                     | HHP Used R-M HOLES |                  |       | Annulus Pressure |
| Plug Depth 3277    | Packer Depth        | From             | To | Flush 12 Bbls M. Flush               | Gas Volume         |                  |       | Total Load       |

Customer Representative MALL Station Manager D. SCOTT Treater T. SEBAR RECEIVED

| Service Units | 123             | 226             | 347          | 501  |  |  |  |   |
|---------------|-----------------|-----------------|--------------|------|--|--|--|---|
| P.A. Time     | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate |  |  |  | Service Log   |
| 2:00          |                 |                 |              |      |  |  |  | SEP 23 2005<br>CALLED OUT KCC WICHITA   |
| 4:30          |                 |                 |              |      |  |  |  | ON LOC W/TEK'S SAFETY MTG<br>Run 78 JT'S 5 1/2 1 1/2" CSG SET @ 3320'<br>REG. G. SHOE ISPV 1JT = 43"<br>CENT 1-3-5-7-9-11-13-15-58-59<br>PC JT# 58 = 851 CUT B&T 58 |
| 7:25          |                 |                 |              |      |  |  |  | CSG ON BOTTOM TAG ! DROP BALL   |
| 7:35          |                 |                 |              |      |  |  |  | Hook up to CSG ! BREAK CIRC W/REG ! ROTATE<br>START PUMPING PREFLUSHES  |
| 9:00          | 150             |                 | 25.215       | 4    |  |  |  | 5 Bbls H2O<br>12 Bbls M. Flush<br>10 Bbls H2O   |
| 9:29          |                 |                 | 38.74        |      |  |  |  | START MIX & Pump 150 SKS AA-2 & 1 1/2" GAL  |
| 9:31          | 100             |                 |              | 6    |  |  |  | SHUT DOWN RELEASE PLUG CLEAR P. LINES   |
|               | 450             |                 |              | 4    |  |  |  | START DISO<br>LEFT CMT ROTATE DURING JOB  |
| 9:45          | 1000            |                 | 79           | 2    |  |  |  | PLUG DOWN GOOD CIRC<br>PSUP CSG THRU JOB  |
|               | 1500            |                 |              |      |  |  |  | RELEASE & HOLD CHART DOWN &<br>25 SKS 60/40 P02 1 PLUG R-M HOLES WORK   |
| 10:30         |                 |                 |              |      |  |  |  | JOB COMPLETE  |

THANKS TODD

Russell Ks 6 1/2 N TO DECKENT RD  
W: S INTO



|              |                              |                   |                     |                              |       |
|--------------|------------------------------|-------------------|---------------------|------------------------------|-------|
| INVOICE NO.  | Subject to Correction        |                   |                     | <b>FIELD ORDER</b>           | 10583 |
| Date 7/26/05 | Lease AUSTIN                 | Well # 1-27       | Legal 27-12S-14W    |                              |       |
| Customer ID  | County Russell               | State Ks          | Station PRATT       |                              |       |
| CHARGE       | Depth 15 1/2 #/FT            | Formation         | Shoe Joint 43" ISIV |                              |       |
|              | Casing 5 1/2                 | Casing Depth 3320 | FTD 3324            | Job Type 5 1/2 L.S. NEW WELL |       |
|              | Customer Representative MAKE | Treater T. SEBA   |                     |                              |       |

AFE Number PO Number

Materials Received by **X** *Mark R. Allen*

| Product Code       | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT    | ACCOUNTING |        |
|--------------------|----------|---------------------------------------|------------|-----------|------------|--------|
|                    |          |                                       |            |           | CORRECTION | AMOUNT |
| D-205              | 150 SKs  | AA-2                                  | -          |           |            |        |
| D-203              | 25 SKs   | 60/40 Por                             | -          |           |            |        |
| C-195              | 113 lbs  | FLA-322                               | -          |           |            |        |
| C-221              | 776 lbs  | SAIT                                  | -          |           |            |        |
| C-243              | 29 lbs   | DEFOAMER                              | -          |           |            |        |
| C-244              | 50 lbs   | CMT FRICTION REDUCER                  | -          |           |            |        |
| C-321              | 748 lbs  | GILSONITE                             | -          |           |            |        |
| F-101              | 10 EA    | Turbilizer 5 1/2                      | -          |           |            |        |
| F-121              | 1 EA     | CMT BSKT                              | -          |           |            |        |
| F-143              | 1 EA     | T. Rubber Plug                        | -          |           |            |        |
| F-191              | 1 EA     | REG. G. SIVE                          | -          |           |            |        |
| F-231              | 1 EA     | ISFY FLAPPER TYPE                     | -          |           |            |        |
| F-261              | 1 EA     | CMT PORT COLLAR                       | -          |           |            |        |
| C-302              | 500 GAL  | MUD Flush                             | =          |           |            |        |
| E-100              | 100 MT   | HEAVY Veh MT                          |            |           |            |        |
| E-101              | 100 MT   | PU MT                                 |            |           |            |        |
| E-104              | 815 TM   | BULK DELIVERY                         |            |           |            |        |
| E-107              | 175 SKs  | CMT SERV. CHARGE                      |            |           |            |        |
| R-207              | 1 EA     | CS6 Pump CHARGE 3001 - 3500           |            |           |            |        |
| R-701              | 1 EA     | CMT HEMD RENTAL                       |            |           |            |        |
| R-702              | 1 EA     | CS6. SWIVEL RENTAL                    |            |           |            |        |
| DISCOUNTED PRICE = |          |                                       |            | 10,190.44 |            |        |
| + TAXES            |          |                                       |            |           |            |        |

RECEIVED  
SEP 23 2005  
KCC WICHITA