"CONFIDENTIAL"

ORIGINAL KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

# **RECEIVED**

MAY 2 4 2006 September 1999 Must Be Typed

# WELL HISTORY - DESCRIPTION OF WELL & LEASE KCC WICHITA **WELL COMPLETION FORM**

Operator: License # 30606	API No. 15 - 167-23336-0000
Name: Murfin Drilling Company, Inc.	County: Russell
Address: 250 N. Water, Suite 300	SE -SW NE - Sec. 27 Twp. 12 S. R. 14 East West
City/State/Zip: Wichita, Kansas 67202	2310 N feet from S / N (circle one) Line of Section
Purchaser: Eaglwing MAY 2 3 2000	1450 E
Purchaser: Lagiwing  Operator Contact Person: Tom W. Nichols  CONFIDENTIA	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>316</u> ) <u>267-3241</u>	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: Austin Well #: 2-27
License: 30606	Field Name: Claussen
Wellsite Geologist: Brad Rine	Producing Formation: LKC
Designate Type of Completion:	Elevation: Ground: 1719' Kelly Bushing: 1724'
New Well Re-Entry Workover	Total Depth: 3200' Plug Back Total Depth: 3138'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 220 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ✓ Yes ☐ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 804 Fee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 804
Operator:	feet depth to surface w/ 100 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH II NH (0 10 - 08) (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
3/21/06 3/29/06 4/27/06	Lease Name:License No.:
3/21/06         3/29/06         4/27/06           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log-TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well.  All requirements of the statutes, rules and regulations promulgated to regulations.	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of the knowledge.  Signature:	KCC Office Use ONLY
Title: Tom Nichols, Production Manager Date: 5/19/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 19th day of May	If Denied, Yes Date:
()	, Wireline Log Received
2006	Geologist Report Received
Notary Public: SUSAN E NOTARY	- I CIO DISTINGUIS
Date Commission Expires: 11-4-01 STATE OF My Appt. Exp	

Side Two

KCC

MAY 2 3 2006

Operator Name: Mu	ırfin Drilling Com	oany, Inc.	Lease	Name:	Austin 👸	ONFIDENT	∯/Well #: <u>2-2</u>	7	
Sec. 27 Twp	12 S. R. 14	☐ East	County	Russ	ell				
tested, time tool ope temperature, fluid re	en and closed, flowin covery, and flow rate	and base of formations p g and shut-in pressures, es if gas to surface test, final geological well site	, whether sh along with fi	ut-in pro	essure reached	d static level, hydr	ostatic pressu	res, bottom l	hole
Drill Stem Tests Take		✓ Yes		ΣL	.og Forma	tion (Top), Depth	and Datum	☐ Sa	mple
Samples Sent to Ge	ological Survey	✓ Yes  No		Nam	ie		Тор	Da	tum
Cores Taken Electric Log Run (Submit Copy)		Yes No Yes No							
List All E. Logs Run:					SEE AT	TACHED LIST	RE	CEIVE	D
	n, Compensa	ted Porosity,						2 4 200	
Microresistivi	ıy						KCC	WICHI	TF
		CASING Report all strings set-	RECORD		ew Used	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig	jht	Setting Depth	Type of Cement	# Sacks Used	Type and	l Percent
Surface		8 5/8	24#		220'	Common	150	3% cc, 2	
Production		5 1/2	15.5#		3185	AA-2	155		
		ADDITIONAL	CEMENTIN	IC / 60I	JEEZE RECOR	D			
Purpose:	Depth	Type of Cement	#Sacks		DEEZE RECOR		Percent Additives		
Perforate Protect Casing Plug Back TD	Top Bottom 0-804	A-con	100		3% cc, 1/4	# cellflake			
Plug Off Zone									
Shots Per Foot		ION RECORD - Bridge Plu Footage of Each Interval Pe				acture, Shot, Cemen		rd	Depth
4	2919-2926				1500 gal Ne	Fe w/5% misc so	lvent, 20 ball	sealers	
							<del></del>		
TUBING RECORD	Size 2 3/8	Set At 2942	Packer At	 t	Liner Run	Yes ☑ No	,		
Date of First, Resumer 4/28/06	rd Production, SWD or I	Enhr. Producing Me	_	Flowin	g 🕢 Pump	oing Gas Li	ft Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil 20	Bbls. Gas	Mcf	Wate	er I		Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF	COMPLETION			Production Inte	erval			
Disposition of Gas  Vented Sold	METHOD OF	COMPLETION  Open Hole	✓ Perf.		Production Inte				

Austin #2-27
Daily drilling report
Page two

KCC MAY 2 3 2013 CONFIDENTIAL

3/27/06

Depth 3160'. Cut 187'. DT: ¼ hr. (tight conn @ 3040'). CT: 16 hrs. **DST #4 3025-3160' (Lan H, I, J, K, L)**: IF: wk surface blow.

3/28/06

RTD 3200'. Cut 40'. DT: none. CT: 22 ¾ hrs. Dev.: 1° @ 3200'. **DST #4 3025-3160' (Lan H, I, J, K, L)**: IF: wk surface blow. FF: no blow. Rec. 10' M. HP: 1477-1406; FP: 10/20, 22/24; SIP: 560-462. HC @ 1:45 P.M. 3/27/06 Log Tech logged from 5:30 p.m. to 10:00 p.m. 3/27/06, LTD @ 3200'. Ran 75 jts. of 5 1/2" prod. csg. set @ 3185', cmt. w/155 sx. AA-2 by Acid Services, port collar set @ 807', 15 sx. in RH, 10 sx. in MH.

3/29/06

RTD 3200'. CT: 6  $\frac{1}{2}$  hrs. plug down @ 9:30 a.m.  $\frac{3}{28}$ /06 by Jet Star. FINAL REPORT.

	MDCI							CI		
	Austin #2-27						Austin	Austin #1-27		
			2310 F	NL 1450 FEL			1530 FNL	1530 FNL 1640 FEL		
	ľ		Sec.	27-12-14W			Sec. 27-	12-14W		
			17	724' KB			1762	1762' KB		
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum		
Anhydrite	752	+972	+8				798	+964		
B/Anhydrite	785	+939	+9				832	+930		
Topeka	2569	845	+4	2568	-844	+5	2611	-849		
Oread Por	2796	-1072	+2	2792	-1068	+6	2836	-1074		
Heebner	2830	-1106	+2	2827	-1103	+5	2870	-1108		
Toronto	2850	-1126	+1	2845	-1121	+6	2889	-1127		
Lansing	2882	-1158	FLAT	2878	-1154	+4	2920	-1158		
Lansing B	2906	-1182	+3	2903	-1179	+6	2947	-1185		
Lansing C	2920	-1196	+2	2918	-1194	+4	2960	-1198		
BKC	3152	-1428	-1	3149	-1425	+2	3189	-1427		
Arbuckle	NR						3260	-1498		
RTD	3200									
LTD				3200						

## Austin #2-27

Operator: Murfin Drilling Company, Inc. Contractor: Murfin Drilling Company, Inc. Rig #8

CONFIDENTIAL

Stuttgart #3133

Contact Person:

Scott Robinson

2310 FNL 1450 FEL

Phone number:

316-267-3241

Sec. 27-T12S-R14W Russell County, Kansas

Spud: 11:00 am 3/21/06

Well site Geologist: Brad Rine

Call Depth: 2200'

API #: 15-167-23336

Casing:

8 5/8" @ 220'

5 1/2" @ 3185'

TD: 3200'

Elevation:

1719' GL

1724' KB

**DAILY INFORMATION:** 

3/17/06

MIRT. Will shut down for the weekend and spud on Monday.

3/20/06

Heavy snow. Will wait until storm passes to spud.

3/21/06

Start up this morning.

3/22/06

Depth 750'. Cut 750'. DT: 8 hrs (WOC). CT: none. Dev.: ½° @ 220'. Spud 11:00 am 3/21/06. Ran 5 jts = 212.07' of 8 5/8" surf csg, set @ 220'. Cmt w/150 sxs comm 3% cc, 2% gel. Plug down @ 5:15 pm 3/21/06. Drilled out @ 1:15 am 3/22/06. Circ 6 bbls by Allied.

3/23/06

Depth 2040'. Cut 1290'. DT: none. CT: none. Dev.: 34° @ 1574'.

3/24/06

Depth 2870'. Cut 830'. DT: none. CT: 3\% hrs. Dev.: none. Running DST #1 2821-2905' (Tor – Lan A). Should have test on bottom this afternoon.

3/25/06

Depth 2935'. Cut 65'. DT: none. CT: 23 1/4 hrs. Dev.: 1° @ 2905'. **DST #1 2821-2905' (Tor – Lan A):** 30-30-30-30 IF: wk blow died in 2 min. FF: no blow. Rec. 25' M. HP: 1383-1337; FP: 16/21, 25/27; SIP: 227-70. CORE #1 2905-2935' (Lan B, C, D), cut 30', Rec. 30'; 12' Lan B @ 2910' 6-8 of bleeding core drk brn FO; 2' shale; 10' Lan C 2920-2930', bleeding core drk brn FO sl odor fluor fr show brn FO; 1' shale; 5' Lan D @ 2932' 4' of bleeding core brn FO. **DST #2 2892-2935 (Lan B, C, D):** 30-60-60-90; IF: wk blow slowly building to 8". FF: wk blow slowly building to 4". Rec. 2' CO, 69' O & WCM, (20% O, 10% W, 70% M), 145' SLO & MCW, (1% O, 20% M, 79% W), 10' M, 226' TF. HP: 1408-1388; FP: 18/69, 75/111; SIP: 509-462. Chl 27,600 ppm, pit 9300 ppm chl.

3/26/06

Depth 2973'. Cut 38'. DT: none. CT: 22 3/4 hrs. Dev.: none. DST #3 2937-2973' (Lan D, E/F): 30-60-45-60. IF: wk surface blow. FF: wk surface blow, died in 15 min. Rec. 10' O sptd M (1% O, 99% M). HP: 1423-1361' FP: 14/16, 17/18; SIP: 31-25.

Austin #2-27
Daily drilling report
Page two

3/27/06

Depth 3160'. Cut 187'. DT: ¼ hr. (tight conn @ 3040'). CT: 16 hrs. **DST #4 3025-3160' (Lan H, I, J, K, L)**: IF: wk surface blow.

3/28/06

RTD 3200'. Cut 40'. DT: none. CT: 22 ¾ hrs. Dev.: 1º @ 3200'. **DST** #4 3025-3160' (Lan H, I, J, K, L): IF: wk surface blow. FF: no blow. Rec. 10' M. HP: 1477-1406; FP: 10/20, 22/24; SIP: 560-462. HC @ 1:45 P.M. 3/27/06 Log Tech logged from 5:30 p.m. to 10:00 p.m. 3/27/06, LTD @ 3200'. Ran 75 jts. of 5 1/2" prod. csg. set @ 3185', cmt. w/155 sx. AA-2 by Acid Services, port collar set @ 807', 15 sx. in RH, 10 sx. in MH.

3/29/06

RTD 3200'. CT: 6 ½ hrs. plug down @ 9:30 a.m. 3/28/06 by Jet Star. FINAL REPORT.

		1	MDCI							
	Austin #2-27						Austin	Austin #1-27		
	2310 FNL 1450 FEL						1530 FNL	1530 FNL 1640 FEL		
			Sec.	27-12-14W			Sec. 27-	Sec. 27-12-14W		
			17	724' KB			1762	1762' KB		
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum		
Anhydrite	752	+972	+8				798	+964		
B/Anhydrite	785	+939	+9		1		832	+930		
Topeka	2569	845	+4	2568	-844	+5	2611	-849		
Oread Por	2796	-1072	+2	2792	-1068	+6	2836	-1074		
Heebner	2830	-1106	+2	2827	-1103	+5	2870	-1108		
Toronto	2850	-1126	+1	2845	-1121	+6	2889	-1127		
Lansing	2882	-1158	FLAT	2878	-1154	+4	2920	-1158		
Lansing B	2906	-1182	+3	2903	-1179	+6	2947	-1185		
Lansing C	2920	-1196	+2	2918	-1194	+4	2960	-1198		
BKC	3152	-1428	-1	3149	-1425	+2	3189	-1427		
Arbuckle	NR						3260	-1498		
RTD	3200									
LTD			,	3200						



**Austin #2-27 Completion Report** Section 27-12S-14W Russell County, KS

03/28/06 MDC Rig #8 ran 76 joints new Maverick 5 1/2" MAV 50 LT&C 15.5# 8rd range 3 casing = 3224.96'. Francis Casing crew drifted casing prior to running casing in hole. Stacked out with casing 20' above 3200'RTD. Hooked-up rig mud pump to casing. Circulated guide shoe down to 3200' and tagged bottom. Top of 76th joint was 7' above KB. Acid Services cementer refused to hook-up casing rotating head to casing due to his company's safety policy of not using rotator if top joint is more than 6' above KB. Pulled 76th joint (20.00') back out of hole and laid joint down. Landed guide shoe @ 3182'. Shoe joint = 43.51'. Insert @ 3138.49'. Centralizers on 1st,3rd,5th,7th,9th,11th,13th,15th,55th, and 57th joints. Cement basket on bottom of 56th joint. Port collar @ 804.38'. Scratched from (2893-2923'). Circulated and rotated casing 1 hour prior to cementing casing. RU Acid Services. Pumped 500 gallon mud-flush and 12 water spacer ahead of cement. SI casing and mixed 25 sacks 60/40 Poz and plugged rathole. Mixed 155 sacks AA-2 cement. Displaced cement with 73.5BFW @ 6bpm with 500psi. Lost circulation @ start of displacement then regained it with approximately 35 barrels out. Stopped rotation. Plug landed with 1500psi @ 9:33am. Released back, held. Landed casing in slips.

Centralizers: 1<sup>st</sup> joint @ 3179',3138': 3<sup>rd</sup> joint @ 3053': 5<sup>th</sup> joint @ 2967': 7<sup>th</sup> joint @ 2882': 9<sup>th</sup> joint @ 2797': 11<sup>th</sup> joint @ 2712': 13<sup>th</sup> joint @ 2628': 15<sup>th</sup> joint @ 2543': 55<sup>th</sup> joint @ 848': 57<sup>th</sup> joint @ 761'.

➤ Port collar @ 804.38'.

Cement basket @ 847'.

Scratchers (30.00') on 7th joint from 2893' to 2923'.

Guide shoe @ 3182': shoe joint = 43.51'. Insert @ 3138.49'.

04/06/06 Mai Excavating RO's plumbed bradenhead to GL. Back-filled cellar. RU Log-Tech with portable mast. Ran CCL-CBL from (2150-3133'). Port-collar @ 806'.

04/13/06 MIRU MDC #750. Honas Tank Service MI swab tank. Mai Excavating MI 103 joints new 2 3/8" 4.7# 8rd EUE tubing. TIH with X-pert Service Tools 5 ½" port-collar positioning tool and 25 joints 2 3/8" tubing. Found port-collar @ 806'. RU Acid Services. Pressured casing to 750psi., held. Opened port-collar. Took injection rate. 2 1/4 bpm @ 300psi. Gained PC circulation with 2 bbls. pumped. Mixed 100sx A-con cement with 3%CC, 1/4# C.F. Cement circulated to surface. Closed port-collar. Pressured casing to 750psi., held. Ran 5 joints tubing. Positioning tool @ 970'. Circulated cement out of tubing and casing with 10BFW. TOH with 30 joints 2 3/8" tubing and 5 1/2" port-collar positioning tool. SDON. Job witnessed and approved by Rich Williams with K.C.C. District #4 Hays, Ks.

Daily estimated cost: \$ 2450

Day 1 cumulative cost: \$4800

04/14/06 Ran 5 ½" casing swab. Swabbed casing down to 2700'. 438FIH. RU Perf-Tech. Perforated L-KC "C" (2919-26') with 7' 4spf EHSC gun. TIH with X-pert Service Tools 5 1/2" Model R packer, SN, 2 3/8" X 6.00' tubing sub, and 91 joints 2 3/8" tubing. Packer hanging @ 2953'. SN @ 2947'. Ran swab. Tagged FL @ 2575' 372FIH. Had a trace of heavy gassy oil on sample bucket on 1st pull. Swabbed down to 2900' 47FIH. Recovered 10.86 bbls. Very slight sheen of oil on sample bucket. RU Allied Cementing & Acidizing to treat perfs with 250 gallons 15% MCA acid with 10% surfactant. Spotted 1 bbl. acid @ 2920'. Pulled one joint and set packer @ 2888'. SN @ 2882'. Tubing loaded and pressured to 250psi. Staged to 300psi. Broke to 250psi then started feeding. 1/4bpm @ 275psi. Rate increased to 1/2bpm @ 30psi. 1bpm @ 30psi. 1.1bpm @ 30psi, with all acid out. Displaced with 18.5BLW. 5.5 bbls. over displacement. ISIP vacuum. Total load 24.5 bbls. Ran swab. Tagged FL @ 300' 2582FIH. Swabbed down to 2500' 382FIH. Recovered 25.89 bbls. Started 1 hour 4pphr swab test @ 3:00pm. FL staying steady @ 2500' 382FIH. Average G.O. 15% oil 84.95%W .5%fines. Recovered 5.84 bbls. Released packer. Packer hanging @ 2888'. SN @ 2882'. Ran swab and tagged FL @ 2725' 157FIH. SIW. SDOWE. 4/15 SDOWE. 4/16 SDOWE.

Daily estimated cost: \$ 4670

Day 2 cumulative cost \$ 9470

04/17/06 Ran swab. Tagged FL @ 1825' 1057FIH. Pkr. hanging @ 2888'. 900' of tubing & casing fill-up in 64 hours. Pulled 950' on 1st pull. Recovered 3.68 bbls. with a trace of oil. Set pkr. @ 2888'. Swabbed tubing down to 2500' 382FIH. Recovered 24.22 bbls. Started swab-testing @ 9:30am.

1st hr. 4pphr. FL @ 2500' 382FIH Rec. 5.01 bbls. G.O. 25% oil 74%W 1% fines (mud).

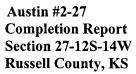
2<sup>nd</sup> hr. 4pphr FL @ 2450' 432FIH Rec. 6.68 bbls. G.O. 60% oil 38.8%W 1.2% fines (mud).

3<sup>rd</sup> hr. 4pphr FL @ 2450' 432FIH Rec. 7.52 bbls. G.O. 60% oil 39%W 1% fines (mud).

SD 30 minutes. Ran swab. Tagged FL @ 2450' 432FIH. Resumed swab testing @ 1:00pm.

4th hr. 4pphr. FL @ 2450' 432FIH. Rec. 6.26 bbls. G.O. 50% oil 49.7%W .3% fines (mud).

5th hr. 4pphr FL @ 2450' 432FIH. Rec. 6.26 bbls. G.O. 52% oil 47.7%W .2% fines (mud).





RU Allied Cementing & Acidizing Inc. to treat L-KC "C" (2919-26') with 1500 gallons 15% NEFE containing acid containing 5% miscible solvent and 20-ball sealers. 4bpm @ 450psi with acid on perfs. 3.5bpm @ 550psi. with 1st perf balls on perfs. Had slight increase in pressure. 4bpm @ 550psi with 2nd set of perf balls on perfs. 4bpm @ 600psi with 3nd set of perf balls on perfs. Started flush. 4th set of perf balls on perfs with 4bpm @ 650psi. 4bpm @ 700psi with 5th set of perf balls on perfs. Displaced with 14BLW. 1bpm on vacuum @ end of flush. ISIP vacuum. Total load 50 bbls. Ran swab. FL @ 500' FS 3382FIH. Swabbed down to 2250' 632FIH. Recovered 50 bbls. of 50 bbl. load. Had a good show of oil last two pulls. Ran swab and tagged FL @ 2400' 482FIH. SIWON. SDON.

Estimated daily cost: \$4700

Day 3 cumulative cost: \$14,170

### Austin #2-27

4/18/06 Ran swab. Tagged FL @ 1800' 1082FIH. 600' overnight fill-up. Pulled 1080' on 1st pull. 630' oil and 450' water.

Swabbed down to 2350' 532FIH. Recovered 11.32 bbls. Started swab-testing @ 8:45am.

1st hour 4 pphr FL @ 2400' 482FIH. Recovered 6.67 bbls. G.O. 50% oil 49.7%W .3% fines (mud).

2<sup>nd</sup> hour 4 pphr FL @ 2400' 482FIH. Recovered 8.12 bbls. G.O. 65% oil 34.4%W .6% fines (mud). 3<sup>rd</sup> hour 4 pphr FL @ 2450' 432FIH. Recovered 5.22 bbls. G.O. 75% oil 24%W 1% fines (mud).

SD 1 hour. Ran swab. Tagged FL @ 2200' 682FIH. Swabbed down to 2300' 582FIH. Recovered 3.48 bbls. Resumed swab-testing @ 12:45pm.

4th hour 4 pphr FL @ 2300' 582FIH. Recovered 9.57 bbls. G.O. 60% oil 39.4%W .6% fines (mud).

5<sup>th</sup> hour 4 pphr FL @ 2400' 482FIH. Recovered 5.51 bbls. G.O. 60% oil 39%W 1%fines (mud).

6th hour 4 pphr FL @ 2400' 482FIH. Recovered 4.35 bbls. G.O. 60% oil 39%W 1% fines (mud).

7th hour 4 pphr FL @ 2500' 382FIH. Recovered 4.64 bbls. G.O. 65% oil 34%W 1% fines (mud).

SIWON. SDON. Swabbed a total of 58.88 bbls.

Daily estimated cost: \$ 2632

Day 4 cumulative cost: \$ 16,802

### Austin #2-27

04/19/06 Ran swab. Tagged FL @ 1950' 932FIH. Pulled 932' on 1st pull. 832' oil and 100' water. Swabbed down to 2450' 432FIH. Started swab-testing @ 8:45am.

1st hour 4 pphr FL @ 2450' 432FIH. Recovered 6.67 bbls. G.O. 52% oil 47%W 1% fines (mud).

2<sup>nd</sup> hour 4 pphr FL @ 2450' 432FIH. Recovered 8.12 bbls. G.O. 65% oil 34%W 1% fines (mud).

SD 20 minutes to allow watertruck to haul 80BSW out of swab tank. Resumed swab-testing.

3rd hour 4 pphr FL @ 2450' 432FIH. Recovered 5.80 bbls. G.O. 65% oil 34%W 1% fines (mud).

4th hour 4 pphr FL @ 2450' 432FIH. Recovered 5.80 bbls. G.O. 60% oil 39.2%W 8% fines (mud).

5th hour 4 pphr FL @ 2450' 432FIH. Recovered 5.80 bbls. G.O. 60% oil 39.4%W .6% fines (mud).

Released packer. TOH with 89 joints 2 3/8" tubing , 2 3/8" X 6.00' sub, SN, and model "R" packer. SDON.

Daily estimated cost: \$ 2850 Day 5 cumulative cost: \$ 19,652

04/20/06 Installed new 5 ½" X 2 3/8" tubing head. TIH with new 2 3/8" X 3.00' perforated sub (bull-plugged) = 3.74', new 2" X 1.10' SN, and 91 joints 2 3/8" 8rd 4.7# EUE tubing. Landed bottom of string @ 2946.22'. SN @ 2942.48'. RU for rods. TIH with 2" X 1 ½" X 12' RWTC (20-ring P-A plunger) with 10" strainer, 2' X ¾"rod sub, 10 X 7/8" grade "D" 7/8" rods, 106 X ¾" rods, 4' X ¾" rod sub, new 1 ¼" X 16' P-rod with new 6' liner. Clamped off rods. RDMOL.

Daily estimated cost: \$ 2200 Day 6 cumulative cost: \$ 21852

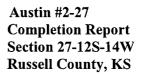
- 04/21/06 Mai Excavating built unit grade. Spread sand on grade. Back-filled rotary working pits. Will set p.u. 4/25/06.
- 04/24/06 Mai Excavating loaded and hauled Sentry CH114D-173-64" pumping unit from Dick's Oilfield Supply to location.

  Assembled unit. Placed in 44" SL. Set unit on pad, aligned over hole and sanded in. Will ditch LL and electrical lines 4/25/06.
- 04/26/06 Hammersmith Electric ditched and laid 1300' of 2" SCH40 PVC LL from well to a point 600' NE of #1-27. Dug out LL.

  Installed new 2" PVC Y-branch. Used backhoe to dig most of ditch near loc. Large limestone boulders slowed Will install electric line and finish hook-up 4/27.

  MAY 2 4 2006

KCC WICHITA





04/27/06 Hammersmith Electric ditched and laid 1100' of underground from well to a point 600' east of #1-27. Tied underground into #1-27 existing underground. Set new TECO 15HP motor and size 2 panel. Installed new 3C6" sheave and (3)C-225 belts. Shane's Tk. Service emptied swab tk. Pumped 27 bbl. swab oil through GB. Loaded tbg. Balanced p.u. POP @ 5:30pm. Running 10.61 X 44" X 1 ½". Amps: wts. 15 – rods 14.

04/28/06 10.61 X 44" X 1 1/2" 24 hrs. on. 86.4BTF 100%W NPF 71%PE. 32.56BOIS

04/29/06 33.83BO 78.95BW 70%W 112.78BTF NPF 93%PE. 38.41BOIS

04/30/06 10.61 X 44" X 1 ½" 24 hrs. on. 34.65BO 56.55BW 62%W 91.20BTF NPF 75%PE 45.92BOIS w/ 2-wells.

05/01/06 19.96BO 42.44BW 68%W 62.40BTF PF 51%PE 40.08BOIS w/ 2-wells.

05/02/06 19.58BO 38.02BW 66%W 57.60BTF PF 47%PE 30.06BOIS.

05/03/06 19.00BO 33.79BW 64%W 52.79BTF PF 43%PE 28.39BOIS w/ 2-wells.

05/04/06 14.59BO 31.01BW 68%W 45.60BTF PF 37%PE 23.38BOIS.

05/05/06 10.61 X 44" X 1 1/2" 24 hrs. on. 15.35BO 32.64BW 68%W 47.97BTF PF 39%PE. 28.38BOIS.

05/06/06 14.68BO 28.52BW 66%W 43.20BTF PF 35%PE 21.71BOIS.

05/07/06 14.68BO 26.11BW 64%W 40.79BTF PF 33%PE 21.71BOIS.

05/08/06 13.82BO 24.57BW 64%W 38.89BTF PF 31%PE 21.71BOIS.

05/09/06 10.61 X 44" X 1 ½" 24 hrs. on. 13.05BO 25.34BW 66%W 38.39BTF PF 32%PE 20.08BOIS.

05/10/06 10.61 X 44" X 1 ½" 24 hrs. on. 12.24BO 23.76BW 66%W 36.00BTF PF 29%PE. 18.37BOIS

05/11/06 10.61 X 44" X 1 1/2" 24 hrs. on. 11.42BO 22.17BW 66%W 33.59BTF PF 27%PE 18.37BOIS.

05/17/06 10.07BO 23.52BW 70%W 33.59BTF PF 27%PE. 17.54BOIS w/ 2-wells.



SALES OFFICE:

100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.D. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX SALES & SERVICE OFFICE: 1700 S. Country Estates Rd. P.O. Box 129

Liberal, KS 67905-0129 (620) 624-2277 (620) 624-2280 FAX

## Invoice

Bill t	to: 5873197	Invoice	~	ice Date	Order	Station
	MURFIN DRILLING	603173	] 3	/28/06	12493	Pratt
}	Box 288	· ····································		Service De		
	Russell, KS 67605			Cem		
			ease		Well	Well Type
	į		Austin AFE		2-27	New Well
	·		ALV		PO	Terms Net 30
	CustomerRep			Trec	iter	1100 30
	K. Axelson			C. Me		
<u>ID.</u>	Description New Well Co	mp <u>L</u>	JOM	Quantity	Unit Price	<u>Price</u>
D205	AA2 (COMMON)		SK	155	\$15.37	\$2,382.35 (T)
D203	60/40 POZ (COMMON)  FLA-322  SALT (Fine)	12.	SK	25	\$9.82	\$245.50 (T)
C195	FLA-322 Control Linky	sawy	LB	-117	\$7.50	\$877.50 (T)
C221	SALT (Fine)	(	GAL	812	\$0.25	\$203.00 (T)
C243	DEFOAMER	V	LB	30	\$3.45	\$103.50 (T)
C244	CEMENT FRICTION REDUCER		LB	52	\$6.00	\$312.00 (T)
C32!	GILSONITE		LB	774	\$0.60	\$464.40 (T)
C302	MUD FLUSH		GAL	500	\$0.86	\$430.00 (T)
F101	TURBOLIZER, 5 1/2"		EA	10	\$74.20	\$742.00 (T)
F121	BASKET, 5 1/2"		EA	1	\$237.50	\$237.50 (T)
F143	TOP RUBBER CEMENT PLUG, 5 1/2"		EA	. 1	\$75.00	\$75.00 (T)
F191	GUIDE SHOE-REGULAR, 5 1/2"		EA	1	\$186.65	\$186.65 (T)
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"		EA	1	\$175.00	\$175.00 (T)
F261	CEMENT PORT COLLAR, 5 1/2"		EA	1	\$3,225.00	\$3,225.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY		MI	200	\$4.00	\$800.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY		MI	100	\$2.50	\$250.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE	, \$200 MIN	TM	840	\$1.60	\$1,344.00
E107	CEMENT SERVICE CHARGE		SK	180	\$1.50	\$270.00
R207	CASING CEMENT PUMPER, 3001-3500' 1ST 4 HRS	S ON LOC	EA	1	\$1,596.00	\$1,596.00
R701	CEMENT HEAD RENTAL		EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL		EA	1	\$150.00	\$150.00
S100	FUEL SURCHARGE RECEI	VED		1	\$146.77	\$146.77

MAY 2 4 2006 KCC WICHITA

Sub Total:
Discount:

\$14,466.17 \$2,577.49

Discount Sub Total:

\$11,888.68

Russell County & State Tax Rate: 5.30%

Taxes:

\$420.73

(T) Taxable Item

Total:

\$12,309.41

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Jetstar

<u>O</u>	, •	ેંદ	ENERG	SERVIC	es 			
<u>)</u> \$(	\ \		ı	I Subie	ct to Correction	FIELD	ORDER	12493 <b>V</b>
			Date 3-28-6	Lease∧		Well #	7 27-12	5-14W
SER	VICES,		Customer ID			State	Station	<u> </u>
		`		Depth	SSE Formation		Shoe Joint	att
dlurt	in Drill	ing C	ompany,	Lncorpora Casing	Ted Casing Depth	I TD _	43. S	
A				<u>  57a   5.5</u>	LB. 3.190	o' 3200	Cement-L	.ongString.Ne
G E				Customer Repre	Axelso	n Treate	rence R.Me	ssick We
							•	
AFE Number		PO Nu	ımber	Materials Received by	X Keu	in Abelle		
Product Code	QUANTITY	MATE	ERIAL, EQUIPMENT (	and SERVICES USED	UNIT PRICE	AMOUNT	ACCO CORRECTION	DUNTING AMOUNT
D-205		AA	- ي		-			
D-203	25 sk	60/	40 Poz		+			
							KCC	
C-195	117 LB.	FLA	1.322		<del>-</del>		32	105
C-221	812 LB.	Sal	t(Fine)		_		MAN	TIME
C-243	30 L B.		bamer				COMPINIE	700
C-244	52 LB.	Cem	ent Frict	ion Reduc	<u>er-</u>			
C.321	774LB.	Gils	<del>bonite</del>					
C-302	500GAL	I. Mu	od Flush		<u> </u>			
				- V H				
F-101	10 ea.	Tur	bolizer,	5/2"				
FIZE	lea.	Bas	Ket, 5/2	ement Plug	<del>-</del>			
F:143	lea.	Top	<u>RubberCo</u>	ement Plug	5/2" -	<del>-</del>	<u></u>	
F-191	lea.	Guie	de Shoe-	Regular, 5	73" -	- CV U .		
F-231	lea.	Flap	per lype	Insert F Collar, S	dat Valv	es, 572 —		_
F- 261	lea.	Cen	<u> 1ent Port</u>	Collar, 5	12 -			
<u> </u>		11	11 1 1	M . I	1			
2-100	300 Wi	Hea	VY Vehicl	<u>eMileage</u>	, I-way			
			rup Milean			-		
E-104	840+m.	Bulh	r Delivery	<del></del>				
<u> 5.107</u>	180 sk.	cem	ent Servic	e Charge	-			
R-207	100	C==	: n = C = n = =	+ Pumper,	3 001-3 9	00'		
R-207	lea.		ent Head		1001 43		REC	EIVED
R-701 R-702	lea.		ing Swive				MAY 2	4 250
11.10%	164.	<u> </u>	ing wive	1121121	1			
	<u> </u>	Dis	counted	Price =	\$	11.741.91	NCC V	VICHITA
			s taxes		T T			
	***							
10244 NE L	Jimov 61 D O	Roy 86	13 . Pratt KS 671	24.8613 . Phone (f	20) 672-1201 .	Fax (620) 672-5383	TOTAL	





# TREATMENT REPORT

SERVICE	ES, LLC									
Pustomen:	n Dri	llina C	Lease	ncorpor	ated		Pate フ	~ <i>~</i>	n - 4	,
Lease A U	stin	····	Weli#	2-27			)	-28	1-06	
Field Order #	Statio	Pratt		Caring Sila	IS.SLA Depth 3	199' 0	ounty Ru	ssell		tate KS.
Type Job	ement.	Longs	tring. Ne		Formation	<del></del>		Legal Des	25-141	N
	E DATA		FORATING DAT		USED		TREA	TMENT R		
Casitya Size	Tubing Si		<del></del>	l America		N RA	TE PRE	SS	ISIP Lon Reg	1
<u>ארו בול בלך</u> ספר מיינים בל בלים בלים בלים בלים בלים בלים בלים	Depth			155	Sacks A	lov .				okGilsonit
7,144 Yoluma, 1	Volume	From	To	-d'ave	roamer, 2	4:		_	400 34:	
Max Press	Max Pres	From	To	25.0	B/GAL.6.			1.45 CL	15 Min.	<u> </u>
¥ell Connecti	on Annulus \	Vol.	To To		ACKS DON	HP Used	Lo bing	Karir	Annulus Pres	sure
Plug Depth	Packer D	epth From	То	Flush 72	5 Bbl. Fres	ias Volume			Total Load	
Customer Rep	oresentative	From	A / Sta		ave Scot		Treater	laran	e R M	essich
Service Units	119	Tevin	138 512 38		4 /2 JCJ			HIZIK	<u> </u>	enicit
Driver		Sullivan	3/4							
Names Time <b>(1)</b>	Casing	Tubing	Bbls. Pumped	Rate			Servi	ce Log		
4:3 <i>0</i>	Pressure	Pressure	Bbis. I diliped	Trate	Trucks	onloc			ld safa	tymeeting
5:15					Murfin	Drillin	astari	ttoru	n Regula	ar Guide
7.17					Shoe, S	hae ia	int ENI	th Au	to-Fill	insert
	H				Screwe	dinto	collar	and 76	115. 101	alofnew
					15.5 Lb. 1	ft. 5/2	Casin	o. Rant	turboli	2015 ON
								• .		13, 15,55,57
									, , ,	and Port
										m Surface
7:30					Casing					
1:00	300			6	Start					
	300		20	6	Start 1					·
	300		32	6	Start F	resh H	050	ucer		
			37-4	2	Stop pum	ping. 5	hutinu	vell. Plu	igrat he	ole. Ocement
	250			5	Openw	ell. Sta	rtmixi	ng 155	sks.AA.	Scewent
			40	_	Stoppu	Mping.	<u>Shutin</u>	well.	Vash pun	p line.
1:20	-0-			6	Openu	rell. Sta	art Fre	sh H20	Displac	ement
9:33	500	<del> </del> -	73.5		Plugdo	wn			-	
	1,500	<del> </del>	RF	EIVED	Pressu	reup.			1 1 1	
			ļ		Releas	se pres	sure, I	nsert	held	
		<del>                                     </del>		2 4 2065	Washu					
0:15	-		+ KCC	WICHITA	JobC			) M ===	N.L. 1	<u> </u>
1004	A NE Lis	vov 61 a	P.O. Box 861	2 a Duatt V	Nan	175.CLQ	SZO 10	1.//1 <u>/25</u> 5	ict and	2 F202

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

Russell, KS 67665

**4** . • • •

INVOICE

Invoice Number: 101453

Invoice Date: 03/23/06

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

Wichita, KS

67202

KCC WAY 2 3 2005 CONFIDENTIAL

Cust I.D....: Murfin

P.O. Number..: Austin 2-27 P.O. Date...: 03/23/06

Due Date.: 04/22/06 Terms....: Net 30

tem I.D./Desc.	Qty. Used	Unit	Price	Net	TX
common sel sel shloride sandling sileage min. Surface	150.00 3.00 5.00 158.00 1.00	SKS SKS SKS SKS MILE	9.6000 15.0000 42.0000 1.7000 200.0000	1440.00 45.00 210.00 268.60 200.00	T T E E
lileage pmp trk	1.00 7.00 1.00	JOB MILE EACH	735.0000 5.0000 55.0000	735.00 35.00 55.00	E E T

.11 Prices Are Net, Payable 30 Days Following	Subtotal:	2988.60
ate of Invoice. 1 1/2% Charged Thereafter.	Tax:	127.75
f Account CURRENT take Discount of \$298.86	Payments:	0.00
NLY if paid within 30 days from Invoice Date	Total:	3116.35

RECEIVED MAY 24 ? KCC WICHITA

## Federal Tax I.D.

LOCATION CUSSEIL 6N

230'

220

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

TWP.

T.D.

DEPTH

DEPTH

CONTRACTOR MURFIN DALG. RIG #8
TYPE OF JOB SURFACE

RANGE 14

21-06 SEC.

LEASE A USTIN WELL# 2-27

OLD OR NEW (Circle one)

HOLE SIZE /2 74
CASING SIZE 8 5/8

**TUBING SIZE** 

**ĕ**- ₹

	3 4000			
	: 4 3 201	B		
_	CONFIDENT		~- )	
	CEDY	/ICE	E POINT:	
	SER	v ICE	Russ	c1/
LLED OUT	ON LOCATION	lOl	B START	JOB FINISH
1,30 Am	2:00 Pm	<i>4</i> /CO	45Pm UNTY	<i>5:15 P</i> STATE
by Qu	1 4 Sinto	R	455E1	KANSA
	, , , , , , , , , , , , , , , , , , , ,	_		
OWNER	· · · · · · · · · · · · · · · · · · ·			
CEMENT				
AMOUNT OR	dered $150$	ک_ (	K Com	11
	2% Ge	<u>\_</u>		
1111	3/0 C	<u> </u>		
COMMON	156	_ @ .	960	10000
POZMIX	3	_@ 	15.00	100
CHLORIDE		_ @ . @	4) 00	210
ASC		_@		
		_@.		
		-@. @		
	-	_ @ [		
		_ @ _		
		_ @ _		
		<b>@</b>		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_ @ _ _ @ _		ATT
HANDLING	58	- @ - - @ - - @ -	170	2686
HANDLING MILEAGE	74/	- @ - - @ - - @ -	172 /m/1=	,
	74/	- @ - - @ - - @ -	172 mle Total	,
	58 74/. SERVIO	@ @ <u>\$</u> \		,
	SERVIO	@ . _ @ . <b>S.V.</b>	ŢOTAL	,
MILEAGE DEPTH OF JOI PUMP TRUCK	SERVIO  BCHARGE	@ _ _@ _ <b>S.V</b> _	ŢOTAL	21636
MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOTA	SERVIO  B CHARGE	@ 	ŢOTAL	21636
MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE	SERVIO  B CHARGE	@ _ _@ _ <b>S.V</b>	TOTAL 5œ	21636
MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	SERVIO  SERVIO  B  CHARGE  AGE  7	@ @ @ @ @	ŢOTAL 5œ	735%
MILEAGE DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RI	SERVIO B	@	ŢOTAL 5œ	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	SERVIO B CHARGE AGE 7 ECEIVED	@ @ @ @ @ @	ŢOTAL 5œ	735%
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	SERVIO B	@ @ @ @ @ @	ŢOTAL 5œ	735%
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD RI	SERVIO B CHARGE AGE 7 ECEIVED	@ @ @ @ @ @ @	ŢOTAL  TOTAL	735°2
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B CHARGE Z  CHARGE Z  CEIVED  Y 2 4 7  C WICHITA  PLUG & FLOAT	@	ŢOTAL  5 ∞  TOTAL  UIPMENT	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  CHARGE	@ @ EQ @ _ @ _ @ _ @ _	ŢOTAL  5 ∞  TOTAL  UIPMENT	735°=
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B	@ @ EQ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @	TOTAL  TOTAL  UIPMENT	735° 35° 770°°
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B CHARGE TO TO THE CHARGE TO THE CHARCE TO THE CH	@ @ EQ @ _ @ _ @ _ @ _	TOTAL  TOTAL  UIPMENT	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B CHARGE TO TO THE CHARGE TO THE CHARCE TO THE CH	© © © © © © © © © © © © © © © © © © ©	TOTAL  TOTAL  UIPMENT	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B CHARGE TO TO THE CHARGE TO THE CHARCE TO THE CH	© © © © © © © © © © © © © © © © © © ©	TOTAL  TOTAL  UIPMENT	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B CHARGE TO TO THE CHARGE TO THE CHARCE TO THE CH	© © © © © © © © © © © © © © © © © © ©	TOTAL  TOTAL  UIPMENT	7359
DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B	© © © © © © © © © © © © © © © © © © ©	TOTAL  TOTAL  UIPMENT	7359
DEPTH OF JOH PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD KC	SERVICE  B	© © © © © © © © © © © © © © © © © © ©	TOTAL  TOTAL  UIPMENT	7359

DRILL PIPE DEPTH		3% C			70.1
TOOL DEPTH	3,5118	310 C			
PRES. MAX MINIMUM	COMMON	154		GLA	144.09
MEAS. LINE SHOE JOINT	COMMON	156		960	1940
CEMENT LEFT IN CSG. 15'	POZMIX		@		
PERFS.	GEL	3		1500	4500
DISPLACEMENT 13 /BBL	CHLORIDE		@		21000
	ASC		@		
EQUIPMENT /			@		
			@		
PUMP TRUCK CEMENTER Gleve			@		
# 398 HELPER GARY			@		
BULK TRUCK	Washington and the same of the		@		
# 410 DRIVER JR			@		
BULK TRUCK			@		
			@		
# DRIVER	HANDLING 15	8	— <sub>@</sub>	170	2686
	MILEAGE			/m/=	20000
REMARKS:			7		
				TOTAL	216365
Comp to		SERV	ICE		
Lement					
A COUNTY ATTO	DEPTH OF JOB				
(IRC4LATED	PUMP TRUCK C				7350
	EXTRA FOOTAC	3E	@		
$\mathcal{A}_{1}$	MILEAGE		@	500	3500
Mank	MANIFOLD		@		
			@		
* * * * * * * * * * * * * * * * * * * *	RE	CEIVED	@	-	
CHARGE TO: MURFIN DRILLING CO.					
·	MAY	24%		TOTAL	771°5
STREET	VCC	WICHITA		IOIAL	110
CITY CTATE ZID	NOU	MICHIE	1		
CITYSTATEZIP	PL	UG & FLOA	T EO	UIPMENT	,
	<b>-</b>				
	85/8 Wood	en Wil		Plug	_55 =
189			@_		· · · · · · · · · · · · · · · · · · ·
			@ _		
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			****	V. 222	
done to satisfaction and supervision of owner agent or				TOTAL	5500
contractor. I have read & understand the "TERMS AND					
CONDITIONS" listed on the reverse side.	TAX				•
CONDITIONS listed on the levelse side.					
	TOTAL CHARGE	·			
	DISCOUNT			IE DAID	IN 30 DAYS
	DISCOUNT ——			- II FAID	IN JU DATS
dans ( )	1000	Vande	·O		
SIGNATURE Jarry Siesener	LARRY T	1CK NO	K		
/	7	PRINT	ED N	AME	
/					
′					