

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 30606  
Name: Murfin Drilling Company, Inc. **KCC**  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202 **MAY 04 2005**  
Purchaser: Eaglwing **CONFIDENTIAL**  
Operator Contact Person: Tom W. Nichols  
Phone: (316) 267-3241  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606

API No. 15 - 15-039-20936-0000  
County: Decatur  
C SW NE Sec. 13 Twp. 3 S. R. 27  East  West  
1850 N feet from S / N (circle one) Line of Section  
2000 E feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Sayles Well #: 2-13  
Field Name: Wildcat

Wellsite Geologist: Paul Gunzelman **KCC WICHITA**  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Producing Formation: Lansing, Arbuckle  
Elevation: Ground: 2665 Kelly Bushing: 2670  
Total Depth: 3905 Plug Back Total Depth: 3866  
Amount of Surface Pipe Set and Cemented at 365 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2252 Feet  
If Alternate II completion, cement circulated from 2252  
feet depth to surface w/ 240 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. \_\_\_\_\_

3/3/05 3/12/05 4/18/05  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan ALT II WHM 2-14-07  
(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: 5-4-05  
Subscribed and sworn to before me this 4th day of May, 2005.  
Notary Public: [Signature]  
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

**SUSAN BRADY**  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp \_\_\_\_\_

X

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Side Two

**ORIGINAL**

Operator Name: Murfin Drilling Company, Inc. Lease Name: Sayles Well #: 2-13  
Sec. 13 Twp. 3 S. R. 27  East  West County: Decatur

**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:

**Dual Induction, Dual Compensated Porosity,  
Sonic Cement Bond, Microresistivity**

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

SEE ATTACHED LIST

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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		365	Common	270	3% cc, 2% gel
Production		5 1/2		3899	EA-2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2252	SMD	205	5% cal seal, 10% salt, 1/4# per sx flocele

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
4 SPF	3721-23	1500 gal 15% MCA	
4 SPF	3638-40		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	3726		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
4/19/05			<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
	55	----	10	-----	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-1B.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

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MAY 04 2005

ORIGINAL

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Sayles #2-13 1850 FNL 2000 FEL Sec. 13-T3S-R27W 2670' KB						Sayles #1-13 1120 FNL 1320 FEL Sec. 13-T3S-R27W 2678' KB		
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2229	+441	-2	2228	+442	-1	2235	+443
B/Anhydrite	2260	+410	-1	2260	+410	-1	2267	+411
Topeka	3403	-733	-1	3403	-733	-1	3410	-732
Oread	3537	-867	+3	3540	-870	--	3548	-870
Heebner	3566	-896	+2	3570	-900	-2	3576	-898
Toronto	3595	-925	+1	3598	-928	-2	3604	-926
Lansing	3610	-940	+2	3614	-944	-2	3620	-942
BKC	3813	-1143	-5	3814	-1144	-6	3816	-1138
Arbuckle	Nr						3996	-1318
RTD	3905	-1235					4040	
LTD				3907	-1237		4042	

RECEIVED  
 MAY - 5 2005  
 KCC WICHITA

**CONFIDENTIAL**

**Sayles #2-13**

**ORIGINAL**

Operator: Murfin Drilling Company, Inc.  
Contractor: Murfin Drilling Company, Inc.  
Rig #3

Diamond Prospect #3156

1850 FNL 2000 FEL'  
Sec. 13-T3S-R27W  
Decatur County, Kansas

Call Depth: 2900'  
Spud: 3:00 p.m. 3/3/05

TD: 3905'

**KCC**  
**MAY 04 2005**  
**CONFIDENTIAL**

Contact Person: David Doyel  
Phone number: 316-267-3241  
Well site Geologist: Paul Gunzelman

API # 15-039-20936  
Casing: 8 5/8" @ 365'  
5 1/2" @ 3899'  
Elevation: 2665' GL  
2670' KB

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**MAY - 5 2005**  
**KCC WICHITA**

DAILY INFORMATION:

3/3/05 MIRT.

3/4/05 Depth 440'. Cut 440'. DT: 8 hrs. (WOC). CT: none. Dev.: 3/4" @ 365'. Spud @ 3:00 p.m. 3/3/05. Ran 9 jts. = 358.4' of 8 5/8" surf. csg. set @ 365'. Cmt. w/270 sx. comm., 3% cc, 2% gel, plug down @ 9:30 p.m. 3/3/05. Drilled out plug @ 5:30 a.m. 3/4/05. circ. 2 bbls. by Allied.

3/5/05 Depth 1900'. Cut 1460'. DT: none. CT: none. Dev.: 3/4" @ 965', 3/4" @ 1858'.

3/6/05 Depth 3005'. Cut 1105'. DT: none. CT: none. Dev.: none.

3/07/05 Depth 3566'. Cut 561'. DT: none. CT: 4 3/4 hrs. Tstng, Mud Vis:49, Wt:8.8, WL:6.8, Chlor: 800 ppm, LCM: 0#, CMC: \$6454. **DST #1 3532-3566 (Oread)**, 30-60-60-90, IF: Wk blw bldg to 2", FF: Surf blw bldg to 2 1/2", RECOVERY: 65 ft Mud, 60 ft Wtry Mud (40%Wtr, 60%Mud, Chlor: 15,000 ppm.) HP: 1695-1648, FP: 12-36 & 37-76, SIP: 1069-1040, BHT: 101° F. **Oread**-Ls, Wh-v.lt gy frag ool wthd, pyr, pr-fr intfrag por, no odor, no fluor, gd shw v.dk brn O, tr shw G, spty blk stn, scat gsy lstr.; bcm wh fxln sl ool, sl wthd, w/cons wh & v.lt gy op vit cht, pr intxln por, n/s.

3/08/05 Depth 3624'. Cut 58'. DT: none. CT: 21 3/4 hrs. Tstng, Mud Vis:51, Wt:8.9, WL:6.4, Chlor: 800 ppm, LCM: 0#, CMC: \$6907. **DST #2 3566-3624 (Toronto & Lansing "A")**,30-60-30-60, IF: Wk surf. Blw died in 22 min, FF: no final blw, RECOVERY: 5' Mud w/oil spots, HP:1723-1675, FP:13-15 & 16-17, SIP:420-267, BHT: 99° F. **Toronto**-Ls,Crm-v.lt gy, frag ool, tr org rem, pyr, sl wthd, tr wh op vit cht, fr intfrag por, fr odor, brt yel even fluor, fr shw v.dk brn O, spty dk brn stn. **Lansing "A"**-Ls,Crm frag ool v.pyr, sl chky, tr sec calc, fr intfrag por, sl odor, dull yel even fluor, fr shw dk brn O, spty dk brn stn. Pipe Strap: .88' LTB @ 3566', Dev: 1/4" @ 3566'.

- 3/09/05 Depth 3686'. Cut 62'. DT: none. CT: 20 ¾ hrs. Dev.: none. Tstng, Mud Vis:56, Wt:9.0, WL:6.0, Chlor: 1000 ppm, LCM: 1.5#, CMC: \$7225. **DST #3 3624-3642 (Pollnow)**, 30-60-60-90, IF: Wk blw-bldg to BOB in 27 min, ISI: Bled off- 1 ½ inch return blw, FF: Wk blw-bldg to BOB in 20 min, FSI: Bled off-4 inch return blw, *\*Plugging on both flow periods\** RECOVERY: 244' GIP, 240' Clean Oil (36° grav. API, 10%Gas 90%Oil), 60' Oil Cut Mud (20%Oil 80%Mud), HP: 1793-1714, FP: 146-178 & 71-113, SIP: 975-920, BHT: 107° F. **Pollnow**-Ls, Crm frag, ool, tr org rem, occ spr calc, pr-fr intfrag por, tr gd intfrag por, fr v.scats vug por, no odor, brt yel spty fluor, gd film shw O, v.lt sat stn. **DST #4 3650-3685 (Lans "C-D & E")**, 30-60-30-60, IF: Wk blw, died in 15 min, FF: No final blw, RECOVERY 15' OCM (5% O, 95% M); HP: 1789-1724; FP: 13/22, 28/29; SIP: 775-570; BHT 104°. **Lansing "C-D"**-Ls, Wh frag ool, tr org rem, wthd, bcm lt gy vfxln pyr, tr fos (fus), r.arg, abd v.lt gy wh & crm trnsl pyr cht, occ lt yel & rd-or trnsl vit cht, fr-gd intfrag por, fr pp & vug por, gd odor, v.lt yel even fluor, fr shw v.lt brn O, spty med brn stn, tr sat stn. **Lansing "E"**-Ls Crm-tn fn-medxln, occ lt. yel, ool, cons sec calc, frac, tr mott w/rd-brn sh, n.v.p., n/s.
- 3/10/05 Depth 3766'. Cut 81'. DT: none. CT: 19 ½ hrs. Dev.: none. CFS, Mud Vis:57, Wt:9.0, WL:6.4, Chlor:1100 ppm, LCM:1#. **DST #5 3706-3738 (KC "H")**, 30-60-60-90, IF:Surf blw-incr to 1 inch, FF: Surf blw-incr to 4 inches, RECOVERY: 35' Clean Oil (34° grav. API), 30' Oil Cut Mud (10%Oil, 90%Mud), HP:1805-1774, FP:12-24 & 26-39, SIP:384-380, BHT: 104° F. **KC "H"**- Ls, Wh-v.lt gy frag, bcm fxl, fos (fus), sl pyr, wthd, pr-fr scat intfrag & pp por, no odor, brt yel spty fluor, sl shw lt brn O, spty v.lt brn stn.
- 3/11/05 RTD 3905'. Cut 139'. DT: none. CT: 15 ¼ hrs. Dev.: ¾ @ 3905'. Logging, CMC: \$7357. **DST #6 3741-3815 (KC "J-L")**, 30-60-30-60, IF: ¼ inch blw, died in 11 min. FF: No blw, RECOVERY: 5' Mud, HP: 1850-1797, FP: 14-16 & 19-19, SIP: 66-39, BHT: 101° F. **KC "J"**-Ls, Crm frag ool, fos (fus) recmt, pr-fr pp & intfrag por, sl odor, v.lt yel even fluor, fr shw O film, sl shw G, v.lt brn spty stn. **KC "K"**-Ls, Tn-brn, fxl tr pyr, tr lt gn sh inc, pr pp por, tr vug por, v.sl odor, spty lt yel fluor, v.sl shw med brn O, spty dk brn stn. **KC "L"**-Ls, Crm-v.lt gy fnly gran, sl chky, sl arg, tr spr calc, pr intgran & intfrag por, n/s. 7 7/8" hole comp @ 3:41 am (3/11), Rig up loggers 6:15 am.
- 3/12/05 RTD 3905'. Cut 0'. DT: none. CT: 17 ½ hrs. Log Tech logged from 6:15 a.m. to 10:30 a.m. 3/11/05, LTD @ 3907'. Ran 92 jts. = 3899' of 5 ½" prod. csg. set @ 3899', cmt. w/175 sx. EA-2, port collar @ 2256', 15 sx. in RH, 10 sx. in MH, plug down @ 8:30 p.m. 3/11/05 by Swift. Rig released @ 12:30 a.m. 3/12/05. **FINAL REPORT.**

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 MAY 04 2005

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Sayles #2-13 1850 FNL 2000 FEL Sec. 13-T3S-R27W 2670' KB							Sayles #1-13 1120 FNL 1320 FEL Sec. 13-T3S-R27W 2678' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	2229	+441	-2	2228	+442	-1	2235	+443
B/Anhydrite	2260	+410	-1	2260	+410	-1	2267	+411
Topeka	3403	-733	-1	3403	-733	-1	3410	-732
Oread	3537	-867	+3	3540	-870	--	3548	-870
Heebner	3566	-896	+2	3570	-900	-2	3576	-898
Toronto	3595	-925	+1	3598	-928	-2	3604	-926
Lansing	3610	-940	+2	3614	-944	-2	3620	-942
BKC	3813	-1143	-5	3814	-1144	-6	3816	-1138
Arbuckle	Nr						3996	-1318
RTD	3905	-1235					4040	
LTD				3907	-1237		4042	



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MAY 04 2005

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ORIGINAL  
Sayles #2-15  
Completion Report  
Section 13-3S-27W  
Decatur County, KS

3/17 Don's Electric on location. Dug out rat & mouse holes & repacked. Tighten ring on braiden head & brought 2" connections to surface. Backfilled & leveled location. SD.

PB

3/18 Log Tech on location. RU to run cmt bond log. Found TD @ 3866', TOC @ 2766' & port collar @ 2252'. Finished log. RD & SD.

3/23 Waiting on completion rig.

Completion Day 1

3/25 Cat on location. Pulled in MDC #479 & doghouse & MIRU. Cat pulled in total lease service w/tbg, Steve Tanks w/swab tank & Webbs. Put 75 BW in swab tank. Cat pulled all out of county road. SDOWE. Est Cost \$4200.00.

3/28 TIH w/port collar tool & latched into port collar @ 2252'. RU Swift Services. Pressure tested collar to 1000# & held. Opened port collar & got inj rate 2.5 BPM @ 200#. Mixed & started cmt. Broke circ w/8 bbl. Pumped 113 bbl, 205 sxs SMD 11.2# 3.11 Y & had cmt to surface. Witnessed by Darrel Dipman w/KCC. Mixed & pumped 35 sxs 14# 1.58 Y cmt. Good circ throughout. Total of 240 sxs. Displ w/8 BW. Closed tool & press collar to 1000# & held. Ran 5 jts & circ clean. TOH w/tool. SDON.

3/29 RU csg swab. Ran swab & SD to 3100' FS. RU Log-Tech & perforated LKC "H" @ 3721-23' & Pollnow @ 3638-40', 4 SPF w/EHSC. RD Log Tech. TIH w/RBP & pkr. Isolated "H" w/RBP @ 3742' & set RBP @ 3700'. RU tbg swab. Ran swab, FL @ 3050' FS. Pulled 700' w/50' oil on top. Next run dry. Let set f/30 mins & was dry. Laid down swab & SDON. Est Cost \$19,400.

3/30 Ran swab, 75' FIH, couldn't get fld to surface. Rlsd pkr & prepared to spot @ 3727'. RU Swift to spot 4 bbl acid. Set pkr @ 3700' to isolate "H" 3721-23' & treated w/remainder of 250 gals 15% MCA acid, 200# w/no rate. Pumped 3 bbl over displ. Total load 23 bbl. ISIP 300#, 5 mins vac. Let set f/30 mins. Ran swab, FL @ 400' FS. SD to 200' FIH, rec 15.44 BTF, getting oil. Started test @ 4 pph, rec 3 bbls, 125' FIH, 85% oil w/.6% fines. RU Swift to retreat w/500 gals 15% MCA, 6 BPM @ 550#. Pumped 5 bbl over displ. Total load 32 bbl. ISIP 500#, 5 mins 300#, 10 mins 150#, 15 mins 50#, 20 mins vac. Let set for 30 mins. Ran swab, FL @ 700' FS. SD to 225' FIH, rec 26 BTF, 70% oil w/.4% fines. Laid down swab. SDON. Est Cost \$23,800.

3/31 Ran swab, FL @ 2800' FS, 900' FIH, all oil, 33.5 grav, 60 degrees. SD to 300' FIH, rec 6.68 BTF. Start test @ 4 PPH, rec. 4.17 BTF, 250' FIH, 93% oil w/.4% fines. 2nd hr @ 4 PPH rec 3 BTF, 200' FIH, 95% oil w/.4% fines. 3rd hr @ 4 PPH rec 3 BTF, 175' FIH, 96% oil w/.4% fines. Laid dwn swab & moved tools to isolate Pollnow @ 3638-40'. RBP @ 3679', prk @ 3609'. Ran swab, pulled 400', next run dry. Let set f/ 30 min & was dry. RU Swift Serv to spot 2 bbl acid. Set PKR @ 3609' to treat w/ remainder of 250 gal 15% MCA acid. Press to 200# f/ 15 min, press to 300# f/ 15 min w/ slight bleed off. Press to 500# f/ 1 hr w/ 2 bbl in. Press to 700# & started feeding @ .4 BPM. 3 bbl in, broke back to 600# @ .5 BPM & treated same throughout. Displaced w/3 bbl over- flush, total of 23 bbl. ISIP 550#, 10 min 300#, 20 min 150#, 30 min 100#. Bled off press. Ran swab, FL @ surface. SD to 175' FIH, rec 17.11 BTF & started getting oil. Let set f/ 30 min. Made run, 225' FIH, 75% oil w/.6% fines & BS tied up in samples. SDON. Est. Cost \$28,090.

4/1 Ran swab. FL @ 1800' FS, 1800' FIH, all oil, 35.4 grav @ 62 degrees. SD to 225' FIH, rec 8.35 bbls. Start test. 1<sup>st</sup> hr 4 pph, rec 2 BTF, 100' FIH, 95% oil w/.4% fines. 2<sup>nd</sup> hr 3 pph, rec 1.67 bbls, 100' FIH, 95% oil w/.4% fines. RU Swift Services to retreat w/500 gals 15% MCA acid. Started @ .5 BPM. With 2 bbl in, increased to 700# & rate climbed to 1.5 BPM & stayed throughout. Displ 10 bbl over. Total load 37 bbls. ISIP 500#, 5 mins 300#, 10 mins 150#, 20 mins 0#, 25 mins vac. Let sit 15 mins. Ran swab. FL @ 300' FS. SD to 300' FIH, rec 26.3 BTF, getting oil. Oil saver went out & was SD for 1.5 hrs. Ran swab. FL @ 2700' FS. SD to 3200', rec 8 BTF. Start test. 1<sup>st</sup> hr 4 pph, rec 5 BTF, 300' FIH, 75% oil w/.4% fines. 2<sup>nd</sup> hr 4 pph, rec 4.5 BTF, 275' FIH, 74% oil w/.3% fines. Rlsd pkr & made 3 runs. Reset pkr & SDOWE. Est Cost \$30,840.

4/4 Ran swab, FL @ 1900' FS, 1700' FIH, 1100' oil & 600' wtr = 65% oil. SD to 325' FIH, rec. 11 BTF. Start test 4 PPH rec 4 BTF, 300' FIH, 70% oil w/.3% fines. 2nd hr 4 PPH rec. 4.5 BTF, 250' FIH, 75% oil w/.3% mud. 3rd hr 4PPH rec 3 BTF, 200' FIH, 75% oil w/.3% mud. TOH w/RBP & PKR. RO prod head. TIH w/ 2 3/8" x 15' MA @ 3741.76', 2" x 1.10' SN @ 3726.71', 4 jts, 5 1/2" x 2 3/8" x 2.85' AC(new) @ 3600.49' w/ 15,000# over, 116 jts 2 3/8" 8rd EUE tbg, total of 120 jts= 3722.76'. Landed tbg & RU to swab. Ran swab, FL @ 3000' FS. SD to 250' FIH in 5 runs, rec 6.68 BTF, last run 60% oil w/.3% mud. SDON. Est Cost \$33,840.



KCC  
MAY 04 2005  
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ORIGINAL  
Sayles #2-13  
Completion Report  
Section 13-3S-27W  
Decatur County, KS

4/5 Ran swab. FL 3100', 500' FIH, 400' oil, 100' wtr = 75% oil. Started test. 4 pph, rec 7 BTF, 450' FIH, 70% oil w/.3% mud. 2<sup>nd</sup> hr 4 pph, rec 6 BTF, 450' FIH, 80% oil w/.2% mud. Laid down swab. RO f/rods. TIH w/pump C-231, 2' x 3/4" sub, 146 x 3/4" rods, 8'-6'-4'-2' x 3/4" subs, 1 1/4" x 16' PR w/7' liner. Spaced out pump & clamped off. RDMO.

4/6 Location too muddy, waiting on pumping unit.

4/7 Checked location & wtr still standing in work area. Called off services until next week.

4/8 SD due to mud.

4/11 SD due to mud.

4/12 SD due to mud.

4/13 SD due to mud.

4/14 Don's Electric on location. Built pad & spread sand f/unit. Total Lease Services unloaded & assembled Sentry 114 unit. Set unit & centered over hole. Sanded in base & tried to assemble guard rails but didn't get correct parts. Don's set 15 Hp electric motor. Measured f/belts & ordered. Finished building wellhead & leveled location. Greased unit & spread asphalt fillings @ battery. SDON.

4/15 Don's Electric on location. Strung out PVC f/lead line. Stripped out @ wellhead f/2" stell riser & cut & assembled riser. Ditched, glued & put in 1300' 2" SCH-40 PVC. Backfilled ditch. Stripped out lead line @ #1-13 to install Y branch. Tied lines together & backfilled. Backfilled hole @ #2-13 f/riser. Filled gearbox w/30 gals 85-145W. Put on new C-210 belts. Restarted #1-13 & SDON.

4/16 Don's Electric on location. Built riser f/disconnect @ battery. Plowed in 1500' 4/0 electric wire to #1-13. Set post & size 2 panel. RU junction box. Plowed in 1200' 1/0 electric wire to #2-13. Set post & size panel. Hooked up to motor. SDOWE.

4/18 POP. Running 8.2 SPM. Called f/ROs to balance unit. SD.

4/19 8.2 x 40 x 1.5, 59.44 BO, 9.67 BW, NPF, 80% PE, 198.31 BOIS.

4/20 115 JTF, 3571 FTF, 156 FAP, NPF. Don's Electric on location. Measured & made modifications on belt guard f/new Sentry 114. Installed belt guard & put up cattle panels f/wgt guards. Took backhoe to battery & smoothed drive & added fillings. SD.

4/21 58.07 BO, 11.05 BW, NPF, 80% PE, 156.98 BOIS, 20 hrs on.

4/22 57.36 BO, 11.75 BW, NPF, 80% PE, 142.36 BOIS.

4/23 43.31 BO, 2.76 BW, PF, 54% PE, 192.88 BOIS.

4/24 38.30 BO, 2.01 BW, PF, 47% PE, 169.50 BOIS.

4/25 38.70 BO, 1.61 BW, PF, 47% PE, 177.02 BOIS. 116 JTF, 3602 FTF, 125 FAP, PF. Poss AC kick.

RECEIVED  
MAY - 5 2005  
KCC WICHITA



**CONFIDENTIAL**

**SWIFT SERVICES, INC.**

PO BOX 466

NESS CITY, KS 67560-0466

**KCC**

MAY 04 2005

**CONFIDENTIAL**

**ORIGINAL  
Invoice**

DATE	INVOICE #
3/28/2005	7730

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

USED FOR

APPROVED

*Cement Port Collar*

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-13	Sayles	Decatur	Murfin Drilling	Oil	Development	Cement Port Collar	Dave

PRICE REF.	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
575D	Mileage	120	3.00	360.00
578D	Pump Service	1	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	240	10.25	2,460.00T
276	Flocele	94	1.00	94.00T
581D	Service Charge Cement	375	1.10	412.50
583D	Drayage	2,246.64	0.90	2,021.98
	Subtotal			6,598.48
	Sales Tax Ness County		5.30%	135.36

**RECEIVED  
MAY - 5 2005  
KCC WICHITA**

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$6,733.84
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CHARGE TO: *Murkin Dr. Is*

ADDRESS

CITY, STATE, ZIP CODE

TICKET No 7730

PAGE 1 OF 1

CONFIDENTIAL

SERVICE LOCATIONS 1. <i>HAWKS</i>	WELL/PROJECT NO. <i>2-13</i>	LEASE <i>Syles</i>	COUNTY/PARISH <i>Deeater</i>	STATE <i>KS</i>	CITY	DATE <i>03-28-05</i>	OWNER
2. <i>Ness City, KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <i>Murkin Dr. Is</i>	SHIPPED <i>VIA</i>	DELIVERED TO	ORDER NO.	
3.	WELL TYPE <i>0.1</i>	WELL CATEGORY <i>Develop</i>	JOB PURPOSE <i>CMT. Port Collars</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF									
575		1			MILEAGE #105	120		mi		3	00	360	00
578		1			Pump Service	1		hrs		1250	00	1250	00
330		2			SMD Cement	240		Sks		10	25	2460	00
276		2			Floate	94		lbs		1	00	94	00
581		2			Service Charge CMT	375		SKH		1	10	412	50
523		2			Disyse	2246.64		Tm		90		2021	98

CONFIDENTIAL

MAY 04 2015

KOC

ORIGINAL

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

*Brett Hill*  
SIGNED *03-28-05* TIME SIGNED *1230*  A.M.  P.M.

REMIT PAYMENT TO:  
  
SWIFT SERVICES, INC.  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TAX	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				6,598		
WE UNDERSTOOD AND MET YOUR NEEDS?						
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					135	36
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO						
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						
						6733 84

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

*Matt*

APPROVAL

Thank You!

~~CONFIDENTIAL~~

SWIFT Services, Inc. ORIGINAL

DATE 03-28-05 PAGE NO. 7

TICKET NO. 7730

Murfins Dale

WELL NO. 2-13

LEASE Sayles

JOB TYPE Port Collar

PART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1220					KCO		ONLOCATION, Discuss Job
								MAY 04 2005
								375 sacks SMD 1/4" K/locale
								P.C. @ 2250 FT 5 1/2 in 7 7/8 hole, 2 3/8 TBS
	1238		.3	/	✓	1000	1000	Pressure Test P.C. + CS6
	1240				✓	200	200	Release PSI
								Open Port Collars
	1245	2.7	0/2		✓		200	Injection Rate
	1300	4.3	0	✓		500		Start Mixing CMT @ 11.2 1/2 gal
		4.3	8	✓		500		Start to Circ. at 8 5/8
		4.5	45	✓		600		
		4.5	78.2	✓		600		
		4.5	113	✓		700		Start to Circ CMT, Start Mixing 14.0 1/2 gal CMT
		4.5	123	✓		800		End CMT
		3.0	0	✓		500		Start Disp
	1330	3.0	8.2	✓		500		End Disp
								Close Port Collar
	1335	0	.3	/	✓	1000	1000	Pressure Test
								Release PSI
								Run 5 Joint
	1350	2.7	0		✓		4000	Reverse out
		2.7	9		✓			
		2.7	11		✓			
	1358	2.7	20		✓		200	Cement 205 SWS @ 11.2, 3.1ly 35 SWS @ 14.0, 1.58ly
	1400							WASHUP Total 240 SWS cement
	1415							Lockup
	1430							Job Complete

Thank You!  
DNE. Blaine, Brett

**ALLIED CEMENTING CO., INC.**  
 P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566

**ORIGINAL** 4-705  
 \*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*

**KCC**  
 MAY 04 2005

**CONFIDENTIAL**

**CONFIDENTIAL**

Invoice Number: 096091

Invoice Date: 03/09/05

**RECEIVED**  
 MAY - 5 2005  
 KCC WICHITA

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

Cust I.D.: Murfin  
 P.O. Number: Sayles #2-13  
 P.O. Date: 03/09/05

Due Date: 04/08/05  
 Terms: Net 30

*New well RK*

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	270.00	SKS	9.5500	2578.50	T
Gel	5.00	SKS	13.0000	65.00	T
Chloride	9.00	SKS	36.0000	324.00	T
Handling	284.00	SKS	1.5000	426.00	E
Mileage (68)	68.00	MILE	15.6200	1062.16	E
284 sks @\$ .05.5 per sk per mi					
Surface	1.00	JOB	625.0000	625.00	E
Mileage pmp trk	68.00	MILE	4.5000	306.00	E
Surface Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following Subtotal: 5441.66  
 Date of Invoice. 1 1/2% Charged Thereafter. Tax: 190.42  
 If Account CURRENT take Discount of \$ 544.17 Payments: 0.00  
 ONLY if paid within 30 days from Invoice Date Total: 5632.08

544.17  
 5087.91

Account	Unit		No.	Amount	Description
	Rig	W L			
03600	003	W	2187	5632.08	Cement S. Csg
				(544.17)	

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

19072 ORIGINAL

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

MAY 04 2005

SERVICE POINT: Oakley

CONFIDENTIAL

DATE 3-3-05	SEC. 13	TWP. 3s	RANGE 27w	ON LOCATION 6:00 PM	JOB START 9:10 AM	JOB FINISH 9:30 PM
LEASE Styles	WELL# 2-13	LOCATION Jennings 7 1/2 N w/s		COUNTY Decatur	STATE KS	
OLD OR <u>NEW</u> (Circle one)						

CONTRACTOR Murfin Drlg Rig 3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 365'

CASING SIZE 8 7/8 DEPTH 365'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 22 1/4 Bbls

EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 373-281 HELPER Andrew

BULK TRUCK

# 218 DRIVER Jarrod

BULK TRUCK

# DRIVER

OWNER same

CEMENT AMOUNT ORDERED 270 sks Com 3 1/2 LL 2 1/2 Gel

COMMON	<u>270 sks</u>	@	<u>9.55</u>	<u>2578.50</u>
POZMIX		@		
GEL	<u>5 sks</u>	@	<u>13.00</u>	<u>65.00</u>
CHLORIDE	<u>9 sks</u>	@	<u>36.00</u>	<u>324.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>284 sks</u>	@	<u>1.50</u>	<u>426.00</u>
MILEAGE	<u>1,055.4 / sk mile</u>			<u>1062.76</u>
TOTAL				<u>4455.66</u>

REMARKS:

Cement did circulate

Thank you

CHARGE TO: Murfin Drlg Co Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>365'</u>
PUMP TRUCK CHARGE	<u>625.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE	<u>68 miles</u> @ <u>4.50</u> <u>306.00</u>
MANIFOLD	@ _____
	@ _____
TOTAL <u>931.00</u>	

PLUG & FLOAT EQUIPMENT

<u>8 7/8 Surface Plug</u>	@	<u>55.00</u>
	@	
	@	
	@	
TOTAL <u>55.00</u>		

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

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

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

SIGNATURE Kathy Van Put

PRINTED NAME

**SWIFT SERVICES, INC.**

PO BOX 466 **CONFIDENTIAL**

NESS CITY, KS 67560-0466

**ORIGINAL  
Invoice**

**KCC**  
MAY 04 2005

**CONFIDENTIAL**

DATE	INVOICE #
3/11/2005	7721

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

**USED FOR** NEW WELL

**APPROVED** JK

*Cement Production Company*

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-13	Sayles	Decatur	Murfin Drilling #3	Oil	Development	5-1/2" Longstring	Dave

PRICE REF.	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
575D	Mileage	120	3.00	360.00
578D	Pump Service - Deep Squeeze (>1500 Ft.) - 3899 Feet	1	1,250.00	1,250.00
281	Mud Flush	500	0.65	325.00T
221	Liquid KCL (Clayfix)	2	19.00	38.00T
290	D-Air	2	8.00	16.00T
325	Standard Cement	200	7.50	1,500.00T
284	Calseal	9	28.00	252.00T
283	Salt	1,000	0.17	170.00T
285	CFR-2	94	3.00	282.00T
276	Flocele	50	1.00	50.00T
581D	Service Charge Cement	200	1.10	220.00
583D	Drayage	1,250.64	0.90	1,125.58
400-5	5 1/2" Guide Shoe	1	100.00	100.00T
401-5	5 1/2" Insert Float With Auto Fill	1	125.00	125.00T
402-5	5 1/2" Centralizers	14	55.00	770.00T
403-5	5 1/2" Cement Basket	1	140.00	140.00T
404-5	5 1/2" Port Collar	1	1,600.00	1,600.00T
410-5	5 1/2" Top Plug	1	65.00	65.00T
413-5	5 1/2" Roto Wall Scratchers	15	35.00	525.00T
414-5	5 1/2" Limit Clamp	1	30.00	30.00T
419-5	5 1/2" Rotating Head Rental	1	200.00	200.00T
	Subtotal			9,143.58
	Sales Tax		5.30%	327.96

**RECEIVED**  
MAY - 5 2005  
**KCC WICHITA**

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$9,471.54
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CHARGE TO: *Murkin Drlys*

ADDRESS

CITY, STATE, ZIP CODE

TICKET No 7721

PAGE 1 OF 2

CONFIDENTIAL

1. SERVICE LOCATIONS <i>HANSKS</i>	WELL/PROJECT NO. <i>2-13</i>	LEASE <i>Soyles</i>	COUNTY/PARISH <i>Deccatur</i>	STATE <i>KS</i>	CITY	DATE <i>03-11-05</i>	OWNER
2. <i>NESS City KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <i>Murkin Drlys #3</i>	SHIPPED VIA <i>C.T.</i>	DELIVERED TO <i>4E, Das w. into, Kansas</i>	ORDER NO. <i>KS</i>	
3.	WELL TYPE <i>Oil</i>	WELL CATEGORY <i>Develop</i>	JOB PURPOSE <i>5 1/2 Log String</i>	WELL PERMIT NO. <i>15-039-20936-00-00</i>	WELL LOCATION <i>S13, T3, R27W</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE #105	120	mi	3	00	360 00
578		1			Pump Service	1	cs	1250	00	1250 00
281		1			Mud Flush	500	gall	15	00	325 00
201		1			KCL	2	gall	19	00	38 00
290		1			D.Air	2	gall	8	00	16 00
325		2			Standard Cement	200	Sks	7	50	1500 00
284		2			Cc/Seal	9	Sks	28	00	252 00
283		2			Salt	1000	lbs	17	00	170 00
285		2			CFR	94	lbs	3	00	282 00
276		2			Floacle	50	lbs	1	00	50 00
581		2			Service Charge CMT	200	Sks	1	10	220 00
583		2			Drayage	1250.64	T/M	90		1125 58

CONFIDENTIAL  
MAY 04 2005  
KCC

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

**REMIT PAYMENT TO:**

**SWIFT SERVICES, INC.**  
P.O. BOX 466  
NESS CITY, KS 67560  
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	Pg 1	5588	58
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL		
WE UNDERSTOOD AND MET YOUR NEEDS?				Pg 2	3,555	00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub Total	9,143	58
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	327	96
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9471	54
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

ORIGINAL

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

APPROVAL

Thank You!

SIGNED  
*Brad Hildebrand*  
DATE  
*4/05*

TIME SIGNED  
*1600*

A.M.  
 P.M.

*David Ah*





~~CONFIDENTIAL~~

SWIFT Services, Inc.

ORIGINAL

DATE 03-11-05 PAGE NO. 1

WELL NO. 2-13

LEASE Styles

JOB TYPE 5/8 Long String

TICKET NO. 7721

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1600							<p>KCC MAY 04 2005 CONFIDENTIAL</p> <p>On location, Discuss Job 200 SWS EA-2 Cement 15.2<sup>1</sup>/<sub>2</sub> SS1, 1.3<sup>1</sup>/<sub>4</sub> 6.0 H2O TD 3905<sup>FT</sup>, TP 3899<sup>FT</sup>, SJ 24<sup>FT</sup> 5/8 15.5<sup>1</sup>/<sub>4</sub> FT Port Collar Top of 39 2256<sup>FT</sup> - Basket on 39 Cent. 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 37 Limit clamp 5<sup>FT</sup> from Bottom</p>
	1615							Start Float EQU. & CSG
	1815							Drop Ball
	1820							Break Circ. Start Rotating CSG Circ. / hr.
	1927		3.5/2.5		✓			Plug RHA M H 4/25 SWS
	1935	4.2	0		✓	200		Start MUD FLUSH 500 gals
		4.2	12		✓	200		Start KCL Flush 200 bbls
		4.2	32		✓	200		End Flashes
	1945	4.5	0		✓	200		Start EA-2 CMT 4/175 SWS
		4.5	43.5		✓	100		END CMT
		0	43.5		✓	0		
	1957							WASH P.L. & Drop Plug
	2000	4.4	0		✓	100		Start Disp.
		5.4	49.2		✓	200		CMT 7 going out bottom
		5.4	56		✓	200		
		5.4	58		✓	400		Stop Rotating Pipe
		5.4	70		✓	500		
		5.4	80		✓	800		
	2017	5.0	91		✓	1600		Land Plug
	2019							Release PSI Klock Holds
	2030							Tickets
	2040							Reckup
	2100							Job Complete
								Thank You! Dave, Blake, matt