ORIGINAL

" CONFIDENTIAL"

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

Operator: License # 30606	API No. 15 - 109-20760-0000
Name: Murfin Drilling Company, Inc.	County: Logan
Address: 250 N. Water, Suite 300	SW_NESec. 23 Twp. 12 S. R. 33 ☐ East 🗸 West
City/State/Zip: Wichita, Kansas 67202	1980 N feet from S / (i) (circle one) Line of Section
Purchaser: Eaglwing	2080 E feet from W (circle one) Line of Section
Operator Contact Person: Tom W. Nichols	Footages Calculated from Nearest Outside Section Corner:
Phone: (_316) _267-3241	(circle one) NE SE NW SW
Contractor: Name: Murfin Drilling Company, Inc.	Lease Name: Kuhlman C Well #: 1-23
License: 30606	Field Name: Wildcat
Wellsite Geologist: Paul Gunzelman	Producing Formation: Johnson
Designate Type of Completion:	Elevation: Ground: 3079' Kelly Bushing: 3089'
New Well Re-Entry Workover	Total Depth: 4723' Plug Back Total Depth: 4675'
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 224 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 2588 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2588
Operator:	feet depth to surface w/ 260 sx cmt.
Well Name:	Delling Florid Management Disa ALLTT ALL Color
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AHTT NH6-6-06 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	·
Other (SWD or Enhr.?) Docket No	Operator Name:License CEIVED
2/22/06 3/6/06 4/27/06	
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S.MAY_2_2_2006 st
	KCC WICHITA
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-104 geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my thowledge.	e the oil and gas industry have been fully compiled with and the statements
Signature:	KCC Office Use ONLY
Title: Tom Nichols, Production Manager Date: 5/18/06	Letter of Confidentiality Received
Subscribed and sworn to before me this 18 day of 1	If Denied, Yes Date:
2006.	Wireline Log Received
Notary Public: USAL DRANK SUSAN	Geologist Report Received BRADY UIC Distribution
10 10 mm P A NOTAR	Wireline Log Received Geologist Report Received WAY 8 7773 WIPPUBLIC KANSAS CONFIDENTIA

Operator Name: Mu	rfin Drilling Comp	any, Inc		Lease Name: Kuhlman C Well #: -					3	
Sec. 23 Twp1					ty: Loga					
INSTRUCTIONS: S tested, time tool ope temperature, fluid re- Electric Wireline Log	n and closed, flowing covery, and flow rate	g and shut s if gas to	-in pressures, surface test, a	whether s long with	shut-in pre	essure reached	static level, hydro	ostatic pressu		
Drill Stem Tests Take		✓ Y	es 🗌 No		VL	og Formati	on (Top), Depth a	and Datum	Sample	
Samples Sent to Ge	ological Survey	✓ Y	es 🗌 No		Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Y							KCC	
(Submit Copy)						SEE AT	TACHED LIST	Ma	KCC 1 1 8 2013	
Dual Induction Microresistivit	n, Compensa	ted Por	osity,					CON	FIDENTIAL	
		Repo		RECORD		ew Used ermediate, produc	tion, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
Surface		8 5/8		24#		224'	Common	165	3% cc, 2% gel	
Production		5 1/2		15.5#		4718	AA2	175		
			ADDITIONAL	CEMENT	ING / SQI	JEEZE RECORI)			
Purpose:	Depth Top Bottom	Туре	of Cement	#Sacks Used				Percent Additive	s	
	0-2588	SMD		260		1/4# per sxs flocele				
Shots Per Foot			RD - Bridge Pluç Each Interval Per		e		cture, Shot, Cemen		rd Depth	
4	4601-4604, 461	2-4615				500 gal 15%	6 MCA	ŔF	CEWED	
						3000 gal 15	% NeFe		CEIVED 2 2 2006	
								NUC	WICHITA	
TUBING RECORD	Size 2 3/8	Set At 4597		Packer	At	Liner Run	Yes 📝 No)	I	
Date of First, Resumer	rd Production, SWD or I	nhr.	Producing Met	hod	Flowin	g 🕢 Pumpi	ng 🔲 Gas Li	ift Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil 78	Bbls.	Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF	COMPLETIC	DN .			Production Inte	rval			
Vented Sold	Used on Lease ubmit ACO-18.)		Open Hole Other (Spec	√ Pe	rf. 🔲 l	Dually Comp.	Commingled _			

KCC
MAY 1 8 2003
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Kuhlman "C" #1-23 Daily drilling report Page three

3/05/06

RTD 4723'. Cut 93'. DT: none. CT: 17 ½ hrs. Dev: 1½° @ 4723'. Hole complete @ 6:31 pm (3/04), Logging (Log-Tech, Inc.)10:00 pm (3/04)-2:00 am (3/05), Geologist released: 2:20 am.

3/6/06

RTD 4723'. CT: 13 ¾ hrs. Ran 5 ½" prod. csg. set @ 4718', cmt. w/200 sx. AA-2, plug down @ 4:45 p.m., port collar @ 2588', by Acid Services. FINAL REPORT.

		Ku	Kuhlman #1-23					
	1980	FNL 208	0 FEL S	1980' FNL 330' FWL Sec. 23-T12S-R33W				
			3089'	KB			30)82' KB
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2574	+515	-3	2574	+515	-3	2564	+518
B/Anhydrite	2597	+492	-1	2597	+492	-1	2589	+493
Topeka	3724	-635	-1	3724	-635	-1	3716	-634
Heebner	4005	-916	-5	4004	-915	-4	3993	-911
Lansing	4046	-957	-9	4046	-957	-9	4030	-948
Muncie Crk	4197	-1108	-9	4196	-1107	-10	4179	-1097
Stark	4276	-1187	-3	4278	-1189	-5	4266	-1184
BKC	4355	-1266	-2	4357	-1268	-4	4346	-1264
Mamaton	4384	-1295	-2	4382	-1293		4375	1293
Fort Scott	4526	-1437	flat	4526	-1437		4519	-1437
Cherokee	4556	-1467	-1	4555	-1466		4548	-1466
Johnson	4597	-1508	+1	4598	-1509		4591	-1509
Mississippi	4659	-1570	+1	4660	-1571		4653	-1571
Total Depth	4723	-1634		4723	-1634		4710	

Kuhlman "C" #1-23

Operator: Murfin Drilling Company, Inc. Contractor: Murfin Drilling Company, Inc. Rig #14

Owen East Prospect #3124

1980' FNL 2080' FEL Sec. 23-T12S-R33W

Logan County, Kansas

Call Depth: 3400'

Spud: 8:00 p.m. 2/22/06

TD: 4723' Contact Person:

Raul Brito

Phone:

* Sq 37473 316-267-3241

Well site Geologist: Paul Gunzelman

API #: 15-109-20760

Casing:

8 5/8" @ 224'

5 1/2" @ 4718'

Elevation:

3079' GL

3089' KB

DAILY INFORMATION:

2/20/06 Start move. Finish 2/22/06. RECEIVED

MAY 2 2 2006

2/22/06 MIRT.

KCC WICHITA

Depth 226'. Cut 226'. DT: 3 1/4 hrs. (DW). CT: 1 1/4 hrs. (WOC). Dev.: 2/23/06 1/4 ° @ 226'. Spud @ 8:00 p.m. 2/22/06. Ran 5 its. = 212' of 8 5/8" surf.

csq. set @ 224', cmt. w/165 sx. comm., 3% cc, 2% gel, plug down @ 5:45

a.m. 2/23/06. Cmt circ. by Allied.

2/24/06 Depth 1620'. Cut 1394'. DT: 6 3/4 hrs. (WOC). CT: none. Dev.: 1/20 @

1011'. Drilled out plug @ 1:45 p.m. 2/23/05.

Depth 2625'. Cut 1005'. DT: none. CT: none. Drilling, Dev: 34° @ 2026', 2/25/06

½° @ 2501'.

Depth 3425'. Cut 800'. DT: none. CT: none. Drilling, Geol. called @ 2/26/06

3400' (5:55 AM), Dev 1 1/4° @ 3040'.

Depth 3890'. Cut 465'. DT: none. CT: none. Drilling, Mud Vis 57, Wt: 2/27/06

8.8, WL: 6.8, LCM: tr, CMC: \$3721. Geol on location @ 3611' 5:00 PM

(2/26/06), Dev: 3/4° @ 3611'.

Depth 4140'. Cut 250'. DT: none. CT: 12 1/4 hrs. Tstng, Mud Vis: 59, 2/28/06

Wt: 9.0, WL: 7.2, Chlor: 3300 ppm, LCM: tr, CMC: \$5849. **DST #1 4120-**4140 (Lans "E"),15-60-45-90, Wk surf blw bldg to 21/4"-IF, Surf blw bldg to 11/4"-FF. No blw on SI. RECOVERY: 180' MCW (20% M, 80% W), Chl. 38,500 ppm, Rw. .261 @ 50°, HP: 2058-1992; FP: 16/35, 47/113; SIP: 1176-1152. BHT 113°. Lans "E"-Ls, Wh-v.lt gy, frag, ool, tr pyr, rexizd, tr spr calc, pr int ool por, fr scat vug por, sl odor, brt yel spty fluor, sl shw

med brn O. spty brn stn. Dev: 1°@ 4140', Strap:1.96 Short.

Kuhlman "C" #1-23 Daily drilling report Page two KCC
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3/01/06

Depth 4227'. Cut 87'. DT: none. CT: 19 ½ hrs. Tstng, Mud Vis: 59, Wt: 9.0, WL: 7.6, Chlor: 6400 ppm, LCM: Tr. **DST #2 4194-4227 (KC "H")**,15-60-45-90, Strng blw BOB in 6.6 min-IF, Bled off 4" return blw-ISI, Strng blw BOB in 6 min-FF, Bled off 2.5" return blw-FSI, RECOVERY: 855' GIP, 1005' CGO (35° grav API), 30' MCGO (30%Mud 20%Gas 50%Oil), HP: 2080-1971, FP:35-204 & 236-355, SIP:1038-941, BHT: 121° F. **KC "H"**-Ls, crm & It gy mott, frag, tr fxln, wthd, ool, tr org rem, tr arg, tr spr calc, occ wh crm It gy & It bl-gy op vit cht, pr-fr pp & intfrag por, gd odor, brt yel even fluor, sl shw It brn O, spty It brn stn-sat.

3/02/06

Depth 4310'. Cut 83'. DT: none. CT: 18 hrs. Dev.: 1 1/20 @ 4310'. Mud Vis:59, Wt:9.0, WL:7.2, Chlor:7500 ppm, LCM:Tr, CMC: \$6703. **DST #3** 4226-4280(KC"I-J"), 30-30-30-30, Wk blw bldg to 2¾"-IF, Surf blw bldg to 11/2"-FF, No blw during SI, RECOVERY:3' CO (33° grav. API), 267' O&WCM (12%Oil, 30%Wtr, 58%Mud), HP: 2111-2079, FP: 23-84 & 107-130, SIP: 723-246 (Shut-in tool malfunctioned), BHT: 116°F. KC"I"-Ls.Crm. frag. ool, rexizd, chky, occ spr calc, pr pp por, v.sl odor(crush), brt spty fluor, tr shw med brn O, v.scat lt stn. KC"J"-Ls, Crm, fxln, tr frag, tr rexizd ool, tr pyr, r.spr calc, tr org rem, occ wh op vit cht, pr scat pp por. v.sl odor(crush), v.spty lt fluor, r.lt brn stn. DST #4 4275-4310(KC "K"). 30-30-30, Surf blw incr to ½"-IF, Surf blw incr to 1¾"-FF, RECOVERY:100' MCW (40%Mud, 60%Wtr), Chlor: 50,000 ppm, Rw: .161@ 63° F., HP:2132-2075, FP:14-58 & 63-101, SIP:1090-1045, BHT: 113°F. KC "K"-Ls, Crm & It gy mott frag, ool, rexlzd, foss (fus, crin), cons chk, occ spr calc, pr-fr pp por, tr gd vug por, gd odor, brt yel even fluor, v.sl shw med brn O, It brn sat stn.

3/03/06

Depth 4520'. Cut 210'. DT: none. CT: 8 ½ hrs. Drilling, Mud Vis: 56, Wt: 9.1 WL: 6.8, Chlor: 8300 ppm, LCM: 2#, CMC: \$ 7522.

3/04/06

Depth 4630'. Cut 110'. DT: none. CT: 17 hrs. Dev.: none. Tripping in hole, Mud Vis: 51, Wt: 9.0, WL: 7.2, Chlor: 8300 ppm, LCML 2#, CMC: \$7522. **DST #5 4555-4630 (Cher-Johnson Zn)**, 30-60-45-90, Wk blw incr to BOB in 18 min.-IF, Bled off ¼ " return blw-ISI, Wk blw incr to BOB in 15 min-FF, Bled off surf blw died in 25 min-FSI. RECOVERY: 30' GIP, 60' SI G&OCM (5%Gas, 40%Oil, 55% Mud), 470' G & MCO (20%Gas, 30%Mud, 50%Oil), HP 2353-2296, FP: 34-135 & 144-243, SIP: 1140-1127, BHT: 123° F. **Johnson Zn**-Ls, Tn-brn, occ crm-tn, fn-vfxln, foss (fus, Bry), tr frac, r.pyr, fr pp por, scat fr-gd vug por, gd odor, spty lt yel fluor, fr shw dk brn O, spty dk brn stn, occ sat stn.

Kuhlman "C" #1-23 Daily drilling report Page three KCC MAY 1 8 2003 CONFIDENTIAL

3/05/06

RTD 4723'. Cut 93'. DT: none. CT: 17 ½ hrs. Dev: 1½° @ 4723'. Hole complete @ 6:31 pm (3/04), Logging (Log-Tech, Inc.)10:00 pm (3/04)-2:00 am (3/05), Geologist released: 2:20 am.

3/6/06

RTD 4723', CT: 13 ¾ hrs. Ran 5 ½" prod. csg. set @ 4718', cmt. √/200 sx. AA-2, plug down @ 4:45 p.m., port collar @ 2588', by Acid Services. FINAL REPORT.

		Kuhlman #1-23						
	1980	1980' FNL 330' FWL Sec. 23-T12S-R33W						
			3089'	KB		3082' KB		
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2574	+515	-3	2574	+515	-3	2564	+518
B/Anhydrite	2597	+492	-1	2597	+492	-1	2589	+493
Topeka	3724	-635	-1	3724	-635	-1	3716	-634
Heebner	4005	-916	-5	4004	-915	-4	3993	-911
Lansing	4046	-957	-9	4046	-957	-9	4030	-948
Muncie Crk	4197	-1108	-9	4196	-1107	-10	4179	-1097
Stark	4276	-1187	-3	4278	-1189	-5	4266	-1184
BKC	4355	-1266	-2	4357	-1268	-4	4346	-1264
Mamaton	4384	-1295	-2	4382	-1293		4375	1293
Fort Scott	4526	-1437	flat	4526	-1437		4519	-1437
Cherokee	4556	-1467	-1	4555	-1466		4548	-1466
Johnson	4597	-1508	+1	4598	-1509		4591	-1 509
Mississippi	4659	-1570	+1	4660	-1571		4653	-1571
Total Depth	4723	-1634		4723	-1634		4710	





Kuhlman C 1-23 Completion Report Section 23-12S-33W Logan County, KS

3/05/06

MDC Rig #14. TOH w/bit, drill collars & pipe. Francis csg crew drifted 5 ½", 15.5# csg. MDC welder welded on scratchers. TIH w/111 jts new Midwest Pipe Works 5 ½", 15.5#, range 3, LT&C 8rd csg. Circ @ 2333' for 30 mins. Tagged @ 4723'. LTD & RTD @ 4723'. Set csg @ 4718'. Insert @ 4675', show jt 42.57', port collar @ 2588' w/basket @ 2631'. Circ & rotated for 1 hr. RU Acid Services: Pumped 25 bbl KCL wtr, 500 gals mud flush, 5 bbl wtr spacer, 175 sxs AA-2 w/35% friction reducer, 2% defoamer, .8% FLA-322, 10% salt, 5#/sxs gilsonite @ 15# & displ w/112 BW. Plug landed @ 1500# @ 4:40 PM. Rlsd back & held. Circ & rotated to within 10 bbls displ. Good circ. Plugged rat & mouse holes w/25 sxs. Land csg in slip. Job completed @ 6 PM.

Centralizers: 4700, 4590, 4505, 4420, 4335, 4249, 4164, 4079, 3994, 2613' Scratchers: 4663-4638', 4625-4595', 4585-4580, 4232-4212, 4202-4197

Kuhlman C #1-23 Completion Day 1

3/08/06 Installed 2" connections from 8 5/8" to surface. Backfilled cellar. Leveled location. To run cmt bond long in AM.

3/09/06 RU Log Tech. Ran in hole. Correlate w/dual induction log. Tag TD @ 4670', TOC @ 3592', port collar @ 2584'. Log well from 4670-3300'. RD Log Tech. SDON.

Kuhlman C #1-23 Completion Day 2

3/13/06 MIRU MDC #749. Ran csg swab. SD to 1500'. SDON. Est Cost \$750

Kuhlman C #1-23 Completion Day 3

3/14/06 MI MDC swab tank & put in 80 BW. OP Trucking hauled in 2 3/8" tbg. Called Midwest power company, approx 30-40 days to set meter pole. Ran csg swab. SD to 4300". RU Log Tech. Perforated 4612-15" & 4601-04" (Johnson) w/4 SPF w/EHSC. FL stayed @ 4300". No oil on guns. TIH w/X-Pert RBP, pkr & tbg. Set RBP @ 4645" & pkr @ 4608". Perfs 4612-15" (Johnson). Ran swab, 350" FIT w/good show of oil. 2nd run dry. Let sit 15 mins. Ran swab, dry. SDON. Est Cost \$6950.

Kuhlman C#1-23 Completion Day 4

RBP @ 4645', pkr @ 4608', perfs 4612-15' (Johnson). Ran swab, 75' FIH, 100% oil. 2nd run dry. 24.5 gravity? Ran pkr to 4620'. Ran swab. FL @ 4110'. RU Swift. Spot 2 ¾ bbl acid. Reset pkr @ 4608'. Treated 4612-15' w/250 gals 15% MCA acid. Hole loaded w/3 bbls out. Staged for 1 ½ hrs w/max press of 300#. To displace acid, wouldn't feed. ISIP 300#, 8 mins vac. Ran swab. FL @ surface. Made 1 pull from SN, 1000' FIH w/good show of oil. Rec 20.01 bbls. TL 23.80 bbls. Start test. 1st hr 4 pph, rec 7.54 bbls, 500' FIH, 1% BS, 99% oil. Rlsd pkr to flush annulus. Made 1 pull. Reset pkr @ 4608'. Retreated 4612-15' w/1500 gals 15% NE/FE w/5% miscible solvents. Hole loaded w/24 bbls. With 7 bbls out, 700# @ 1/3 BPM. With 10 out, 900# @ 2/10 BPM. With 12 out, 1000# @ 2/10 BPM. With 14 out, 1250# @ 3/10 BPM. With 18 out, 1250# @ 4/10 BPM. With 28 bbls out 1250# @ ½ BPM. Same w/acid displaced. ISIP 1200#, 10 mins 850#, 20 mins 700#. Flowed back 4 bbls. TL 54 bbls. Ran swab. SD to 2000', rec 19.43 bbls w/good show of oil. SDON. Est Cost \$9820.

Kuhlman C#1-23 W/O Day 5

3/16/06 RBP @ 4645', pkr @ 4608', perfs 4612-15' (Johnson). Ran swab. FL @ 2100', 2500' FIT. Made 3 runs. Rec 3000', 100% oil. Start test. 1st hr 6 pph, rec 16.82 bbls, 1200' FIT, 1% BS, 7% acid wtr, 92% oil. 2nd hr 4 pph, rec 9.28 bbls, 700' FIT, 5/10% BS, 1% acid wtr, 98.5% oil. 3rd hr 4 pph, rec 8.50 bbls, 700' FIH, 1/10% BS, 1% wtr, 99% oil. Total swab, 54.63 bbls, TL 54. Reset RBP @ 4608' & pkr @ 4570', perfs @ 4601-04' (Johnson). Ran swab, 870 FIT. 2nd run dry. Ran pkr to 4604'. Ran swab. FL @ 4050'. Spot 3 bbls acid. Reset pkr @ 4570'. Treated 4601-04' w/250 gals 15% MCA acid. Treated @ 475# @ 3/10 BPM. ISIP 400#, 1 min vac. Let sit 30 mins. Ran swab. FL @ 100'. SD to 1600' FIH, rec 22.91 bbls. TL 24 bbls w/good show of oil. Start test. 1st hr 4 pph, rec 12.16 bbls, 1200' FIT, 1% BS, 99% oil. 2nd hr 4 pph, rec 11.02 bbls, 1000' FIT, 1% wtr, 99% oil. SDON. Est Cost \$12,490.





Kuhlman C 1-23 Completion Report Section 23-12S-33W Logan County, KS

3/17/06 RBP @ 4608', pkr @ 4570', perfs 4601-04' (Johnson). Ran swab. FL @ 1900', 2670' FIH. Made 3 runs, 1500' FIH, rec 15.67 bbls, 100% oil @ 32.7 gravity. Rlsd pkr to flush annulus. Made 1 swab run. Reset pkr @ 4570'. Ran swab, 1000' FIH. Retreated 4601-04' w/1500 gals 15% NE/FE acid w/5% miscible solvents. Hole loaded w/18 bbls. With 18 bbls out, 500# @ 1 BPM. With 32 out 600# @ 1 BPM. Same on rest of job. ISIP 500#, 5 mins vac. Ran swab. FL @ 800'. SD To 2000', rec 26.68 bbls w/good show of oil. TL 59 bbls. Start test. 1st hr 4 pph, rec 12.76 bbls, 2070' FIH. 2nd hr 4 pph, rec 10.44 bbls, 2000' FIH, approx 95-100% oil. Reset RBP @ 4645' & pkr hanging at 4570'. To swab test both zones. Made 2 runs. FL @ 2900', 1670' FIH. Note – No grind out on last 2 hrs test due to John T going to Stapp Farms to set long string. SDOWE. Est Cost \$25,418.

3/20/06 SD due to heavy snow & high winds. SDON. Est Cost \$24,418.

Kuhlman C #1-23 Completion Day 8

3/21/06 Neb highways not passable. Rig crew unable to make it to location. Location has 2 ½' snow drifts w/approx 6" mud under snow. SDON. Est Cost \$24,418.

Kuhlman C #1-23 Completion Day 9

3/22/06 Rig crew pickup broke down on way to location, on location @ 9 AM. RBP @ 4645', pkr hanging @ 4570', perfs @ 4612-15' & 4601-04' (Johnson). Ran swab. FL @ 2100', 2470' FIH. Start test. 1st hr 6 pph, rec 31.64 bbls, FL @ 2700', 1870' FIH, 1% BS, 99% oil. 2nd hr 4 pph, rec 16.24 bbls, 1670' FIH, 7/10% fines, 99% oil. Reset RBP @ 3700'. TOC @ 3600'. Pkr hanging @ 3670'. Ran swab. FL @ 2700'. SD to 150' FIH, rec 10.28 bbls. TOH w/tbg & pkr. SDON. Est Cost \$26,948.

Kuhlman C #1-23 Completion Day 10

TIH w/ret head, port collar tool & tbg. Found port collar @ 2584'. Ran tbg to 2760'. Cat pulled Swift, Hoxie Tank Service & MDC pickup w/rods into location. RU Swift. RBP @ 3700'. Loaded csg w/fresh wtr. Press to 1000# & held. Spot 1 sxs sand on RBP w/10 BW. Came up to 2584' & opened port collar w/blow on 8 5/8". Gained circ w/4 BW.

Pumped 235 sxs SMD cmt with ½#/sxs flo-cel @ 11.2#. Circ cmt to surface. Pumped 25 sxs @ 14#. Shut in port collar. Press to 1000# & held. Ran tbg to 2760' & circ clean. Ran down to 3690' & tagged sand on RBP. Circ down onto RBP & circ hole clean. Cat pulled Swift & wtr trucks off location. Witnessed & approved by Darrel Dipman w/KCC. Ran swab. SD to 3500'. TOH w/RBP, port collar tool & tbg. SDON. Est Cost \$37,568.

Kuhlman C #1-23 Completion Day 11

3/24/06 TIH w/new MA 2 3/8" x 15' set @ 4613.74', new SN 2" x 1.10' set @ 4597.64', 2 jts tbg, new AC 5 ½" x 2" x 2.85' set @ 4532.53' w/15,000#, 139 jts tbg. Total tbg 141 jts new 2 3/8" OD 8rd = 4595.79'. TIH w/pump 2" x 1 ½" x 14' RSTC, flexite plunger, DV, BPT, MSL=114" w/6' GA. 2' x ¾" sub, 10 x 7/8" rods, 173 x ¾" rods (all new), 8'-6' x ¾" subs, 1 ¼" x 22' PR w/10' liner. Long stroke w/good blow. Clamped off. RD. To move out w/cat 3/27/06. SDON. Est Cost \$39,568.

Kuhlman C#1-23 Completion Day 12

3/27/06 Unable to RD due to high winds. Had cat push mud off lease road & location. Pulled MDC pipe trailer off location. SDON. Est Cost \$40,150.

Kuhlman C #1-23 Completion Day 13

- 3/28/06 RDMO. Marked out LL & underground power line, 3700' each. Corn field approx 6" deep w/mud. Farmer to mow down corn stalks when dry. Est Cost \$40,250.
- 4/03/06 Built pumping unit pad & put well head together. Built riser at well head, dug it out and put it in. Scrape off area for tank battery. Couldn't get dump truck to haul dirt until morning.

RECEIVED MAY 2 2 2006





Kuhlman C 1-23 Completion Report Section 23-12S-33W Logan County, KS

- 4/04/06 MDC ROs unloaded & lay out 3800' of 2" PVC flowline. Primed & glued pipe together. Don's Electric trenched in 3800' for 2" flow line. Laid flowline & backfilled trench. Build riser for battery & connected to riser at well head. Build pad for tank battery. Sporer Land drop off sand at tank battery & well head & hauled dirt from location to tank battery location
- 4/13/06 Hess set new 12' x 10' FGSWT, new 10' x 15' FGGB & (2) 12' x 10' WSST. Hooked up all connections & cat walk. Put 20 BW in SWT & 60 BW in GB. Waiting on pumping unit.
- 4/14 /06 Transfer swab oil from Kuhlman #1-23 & put in C-123 stock tank. Put 80 BW in GB.
- 4/18/06 OP Trucking hauled 7 jts 5 ½" csg back to Midwest Pipe Works. Called Midwest Power, approx 3-4 weeks to set meter pole.
- 4/26/06 Total Lease Service ROs MI Sentry 160D-200-74" PU. from Beagley "B"#1-22 lse. Set and assembled PU. Aligned over hole. Sanded in PU. Will set engine 4/27.
- 4/27/06 Set C-96 motor & MI LP Tank. POP @ 6 x 1 ½" x 74", 116 TF @ 100% PE. Pumped up in 30 mins. Dug pit & put up firewall @ TB. Leveled 4 loads asphalt milling @ TB.
 - 4/28/06 Unable to test due to gassy oil. Approx 60 BOIS.
 - 5/01/06 5.77 x 74 x 1 ½, 78.21 BO, .79 BW, NPF, 70.54% PE, 76.82 BOIS. 111 JTF, 3618 FTF, 979 FAP.

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

Russell, KS 67665

KCC MAY 1 8 2003 CONFIDENTIAL

Invoice Number: 100976

Invoice Date: 02/23/06

Sold Murfin Drilling Co.

To: 250 N. Water, St. #300

Wichita, KS

67202

Cust I.D....: Murfin

P.O. Number..: Kuhlman C 1-23

P.O. Date...: 02/23/06

Due Date.: 03/25/06 Terms...: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	165.00	SKS	11.0000	1815.00	Т
Gel	3.00	SKS	15.0000	45.00	${f T}$
Chloride	6.00	SKS	42.0000	252.00	\mathbf{T}
Handling	174.00	SKS	1.7000	295.80	E
Mileage min.	1.00	MILE	200.0000	200.00	E
Pump Truck	1.00	JOB	735.0000	735.00	E
Mileage pmp trk	15.00	MILE	5.0000	75.00	E
Plug	1.00	EACH	55.0000	55.00	Т

All Prices Are Net, Payable 30 Days Following	Subtotal:	3472.80
Date of Invoice. 1 1/2% Charged Thereafter.	Tax:	136.52
If Account CURRENT take Discount of \$	Payments:	0.00
ONLY if paid within 30 days from Invoice Date	Total:	3609.32



IKCC MAY 1 8 2013 CONFIDENTIAL

Federal Tax I.D.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

PRINTED NAME

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FIELD ORDER 3-5-06 12N-33W County State Depth Murtin Drilling Company, Incorporate sing Depth 4718 <u> Cement-Long String-New Wa</u> Clarence R. Messich urner AFE Number Materials Received by Product UNIT PRICE AMOUNT CORRECTION QUANTITY MATERIAL, EQUIPMENT and SERVICES USED AMOUNT Code D-205 179 sk. 60/40 Poz D-203 25 sk. C-195 CAZI Cement Friction Reducer C244 C.321 Gilsonite 2 Gal CC-1 C141 Soogal MudFlush C. 302 Turbolizers 5/2" - 101 Bastret, 51/2 Top Rupper Cement Plug, Guide Shoe-Regular, 512 ea. Flapper Type Insert Float Value, 5 /2"
Cement Port Collar, 5/2" F. 23 F. 261 Cement Scratchers, Rotating Type F- 292 440 Mi Heavy Vehicle Mileage, It way 220 Mil Pict up Mileage, 1-way 2,057tm Bulk Delivery E-104 RECEIVED 200 st. Cement Service Charge E·107 Casing Cement Pumper, 4,50 1-5,000'
Cement Head Rental R-210 lea. R.701 Casing Swivel Rental Discounted Price= Plus taxes 10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

Ass. Buck

Taylor Printing, Inc.



KCC

MAY 1 8 2013 CONFIDENTIAL TREATMENT REPORT

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Thanks, Clarence R. Messich

Taylor Printing, Inc. 620-672-3656

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