

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 **MAY 25 2005**
City/State/Zip: Wichita, Kansas 67202
Purchaser: _____
Operator Contact Person: Tom W. Nichols
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc. **RECEIVED**
License: 30606 **MAY 26 2005**
Wellsite Geologist: Kris Kennedy **KCC WICHITA**

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

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

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

3/2/05 3/16/05 4/29/05
Spud Date or 3/2/05 Date Reached TD 3/16/05 Completion Date or 4/29/05
Recompletion Date 3/2/05 Recompletion Date 3/16/05

API No. 15 - 185-23299-0000
County: Stafford
S2 NE SW Sec. 12 Twp. 22 S. R. 13 East West
1700 S feet from S / N (circle one) Line of Section
1900 W feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW **SW**
Lease Name: M. Drach Well #: 1-12

Field Name: Drach
Producing Formation: LKC, Arbuckle

Elevation: Ground: 1884 Kelly Bushing: 1895
Total Depth: 3825' Plug Back Total Depth: 3761
Amount of Surface Pipe Set and Cemented at 830 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan WHM 6-26-07
(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]

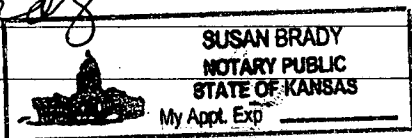
Title: Tom Nichols, Production Manager Date: 5-25-05

Subscribed and sworn to before me this 25th day of May

20 05

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 _____

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Side Two

ORIGINAL

Operator Name: Murfin Drilling Company, Inc. Lease Name: M. Drach Well #: 1-12
Sec. 12 Twp. 22 S. R. 13 East West County: Stafford

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Electric Log Run [X] Yes [] No
List All E. Logs Run: Microresistivity, Dual Induction, Dual Compensated Logs

[] Log Formation (Top), Depth and Datum [] Sample
Name Top Datum
SEE ATTACHED LIST

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Table with 8 columns: 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. Rows include Surface and Production data.

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes a legend for Purpose: Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 3 columns: 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. Row 1: 4 spf, 3707-3710, 250 gal 15% MCA.

TUBING RECORD: Size 2 7/8", Set At 3725, Packer At, Liner Run [] Yes [X] No. Date of First, Resumerd Production, SWD or Enhr. 5/2/05. Producing Method: [] Flowing [X] Pumping [] Gas Lift [] Other (Explain). Estimated Production Per 24 Hours: Oil 50 bbls, Gas ----- Mcf, Water 0 Bbls, Gas-Oil Ratio, Gravity.

Disposition of Gas: [] Vented [] Sold [] Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION: [] Open Hole [X] Perf. [] Dually Comp. [] Commingled [] Other (Specify) Production Interval

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MDCI M. Drach #1-12 1895' KB							MDCI M&M Fischer #1-12 1890' KB	
Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Top	Datum
Anhydrite	731	+1164	-1				725	+1165
B/Anhydrite	760	+1135						
Topeka	2915	-1020	-1				2909	-1019
Heebner	3206	-1311	-1	3200	-1305	+5	3200	-1310
Toronto	3228	-1333	-2				3221	-1331
Douglas	3242	-1347	-2				3235	-1345
Brown Lime	3339	-1444	-2	3332	-1437	+5	3332	-1442
Lansing A	3352	-1457	+3	3350	-1455	+5	3350	-1460
Lansing H	3476	-1581	-1				3470	-1580
Stark Shale	3530	-1635		3528	-1633	+2	3525	-1635
BKC				3558	-1663	+3	3556	-1666
Viola							3598	-1708
Simpson Sh	3638	-1743	+1	3634	-1739	+5	3634	-1744
Arbuckle	3694	-1799	+15	3686	-1791	+23	3704	-1814
TD	3825			3817			3848	-1958

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M. Drach #1-12

Operator: Murfin Drilling Company, Inc.
Contractor: Berentz Drilling Co.
Rig #5

ORIGINAL

Seward North Prospect #3229

1950 FWL 1700 FSL
Sec. 12-T23S-R13W
Stafford County, Kansas

Call Depth: 2700'
Spud: 2:30 p.m. 3/3/05

TD: 3825'

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Kris Kennedy

API # 15-185-23299
Casing: 8 5/8" @ 830'
5 1/2" @ 3820'

Elevation: 1884' GL
1895' KB

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DAILY INFORMATION:

- 2/23/05 Built location, should MIRT Friday p.m. or Saturday.
- 2/25/05 Will move 2/26/05. Probably will not spud until late Sunday or Monday a.m. due to rigging up with steel pits and the sandy, wet location.
- 2/26/05 Will move and rig up tomorrow 3/1/05.
- 3/1/05 MIRT and RU. Will probably not spud until tomorrow.
- 3/2/05 Mixing premix tank for rathole and surface hole. Waiting on welder to make final connections. Should spud by noon.
- 3/3/05 Depth 707'. Cut 707'. DT: none. CT: none. Dev.: none.
- 3/4/05 Depth 830'. Cut 123'. Dev.: 3/4" @ 830'. Ran 21 jts. = 831' of 8 5/8" surf. csg to 830', cmt. w/350 sx. 200 A comm., 3% cc, 1/4 Flocel & 150 sx. 60/40 poz. Mix. 3% cc, 2% gel. plug down @ 6:30 p.m. 3/3/05. Drill out plug @ 6:30 a.m. 3/4/05.
- 3/5/05 Depth 1480'. Cut 650'. DT: 14 1/2 hrs. (repairs). CT: none. Dev.: none.
- 3/6/05 Depth 2062'. Cut 582'. DT: 3/4 hrs. (repairs). CT: none. Dev.: none.
- 3/7/05 Depth 2714'. Cut 652'. DT: 1 hrs. (repairs). CT: none. Dev.: none.
- 3/8/05 Depth 3240'. Cut 526'. DT: 5 1/2 hrs. (displacing mud, connections & servicing rig). CT: none. Dev.: 1/2" @ 1786'.
- 3/9/05 Depth 3408'. Cut 168'. DT: 1/2 hr. CT: 13 hrs. Dev.: none. **DST #1 3342-3408' (LKC A, B, C, D, & E zones):** 30-60-45-90; IF: wk blw blt to strng in 6 min. FF: strng blw. Rec. 540' GIP, 70' VSOCM (1% 0). HP: 1577-1571; FP: 17/26, 32/43; SIP: 341-339.

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M. Drach #1-12
 Daily drilling report
 Page two

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- 3/10/05 Depth 3490'. Cut 82'. DT: 1 hr. CT: 18 hrs. Dev.: 1 1/4" @ 3433'. **DST #2 3406-3433 (LKC F & G zones):** 15-60-30-90; ISI: BOB immed. Gd blw. FSI: BOB immed. No gts blw died. Rec. 250' OCM (30% O, 70% M), 650' V frothy & GCW (39,000 PPM); HP: 1665-1587; FP: 144/233, 258/398; SIP: 951/924; BHT 115°. **DST #3 3458-3490 (LKC H zone):**
- 3/11/05 Depth 3550'. Cut 60'. DT: none. CT: 16 1/2 hrs. **DST #3 3458-3490 (LKC H zone):** 30-60-45-90; Rec. 120' GIP, 185' HOCM (5% G, 45% O, 50% M); HP: 1703-1676; FP: 23/40, 53/98; SIP: 756/969. BHT: 108°. **DST #4 3510-3550' (LKC J-K zones):** IF: BOB ini 1" blw returned to BOB ISIP. Will run 30-60-60-90.
- 3/12/05 Depth 3700'. Cut 150'. DT: 1 hr. CT: 11 hrs. **DST #4 3510-3550' (LKC J-K zones):** IF: Strng blw through out. ISI: bldg to strng blow in 20 min. FF: Strng blw through out. FSI: Strng blw GTS in 40 min. 30-60-60-90; Rec. 220' O (Grav. 23° API), 380' GCMO (20% G, 40% O, 40% M). HP: 1765-1653; FP: 41/117, 122/154; SIP: 941-946. BHT 111°.
- 3/13/05 Depth 3710'. Cut 10'. DT: none. CT: 23 1/4 hrs. **DST #5 3636-3700 (Simpson-Arbuckle):** 30-60-30-90; Rec. 1680' GO (Grav. 30° API). Reversed out 12 BO. Paul's Oil Field Service hauled oil to the #1-2 Marvin Drach "A" Unit & pumped it into the Gun Barrel. HP: 1724-1717; FP: 311/451, 447/633; SIP: 1191-1193. BHT 118°.
- 3/14/05 Depth 3726'. Cut 16'. DT: none. CT: 23 1/4 hrs. **DST #6 3701-3710' (Arbuckle):** 15-60-45-90; Rec. 1500' GO (Grav. 31° API). Reversed out 13 BO. Paul's hauled oil to the #1-2 Marvin Drach 'A' Unit & pumped it into the Gun Barrel. 230' HO & WCM (15% O, 30% W, 35% M), 180' o & MCW (15% O, 30% M, 55% W). Chlr. 18,000 ppm. HP: 1823-1740; FP: 123/332, 357/652; SIP: 1215-1213. BHT: 118°. **DST #7 3714-3726 (Arbuckle):** 15-60-45-90; IF: Strng blw off BOB imm. ISI: Strng blw, GTS in 50 min. FF: gauged 3.19 MCFG/10" & 2.71 MCFG/45'. Rec. 2200' GO (Grav. 34°). Reversed out 18 BO. Paul's hauled oil to #1-2 Marvin Drach 'A' Unit & pumped it into the gun barrel. 80' HO & WCM 92% O, 25% W, 55% M), 300' O & MCW (10% O, 30% M, 60% W), (Chlr 19,000 ppm), HP: 1821-1728; FP: 228/484, 518/931; SIP: 1207/1198. BHT 121°.
- 3/15/05 Depth 3740'. Cut 14'. **DST #8 3730-3740' (Arbuckle):** Rec. 2000' SW w/oil specs; 30-45-60-90. Should TD @ 3825' & log. Corrected footage & test intervals 3/16/05.
- 3/16/05 RTD 3825'. Cut 85'. DT: none. CT: 20 1/2 hrs. Log tech logged, LTD 3825'. Dev.: 2° @ 3825'. Running production casing. LTD is 8' shallow to RTD.
- 3/17/05 RTD 3825'. Ran 98 jts. of 5 1/2" prod. csg. set @ 3820'. Acid Services cmtd w/160 sx. AA2. plug down @ 12:45 p.m. 3/16/05. **FINAL REPORT**

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MDCI M. Drach #1-12 1895' KB							MDCI M&M Fischer #1-12 1890' KB	
Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Top	Datum
Anhydrite	731	+1164	-1				725	+1165
B/Anhydrite	760	+1135						
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Heebner	3206	-1311	-1	3200	-1305	+5	3200	-1310
Toronto	3228	-1333	-2				3221	-1331
Douglas	3242	-1347	-2				3235	-1345
Brown Lime	3339	-1444	-2	3332	-1437	+5	3332	-1442
Lansing A	3352	-1457	+3	3350	-1455	+5	3350	-1460
Lansing H	3476	-1581	-1				3470	-1580
Stark Shale	3530	-1635		3528	-1633	+2	3525	-1635
BKC				3558	-1663	+3	3556	-1666
Viola							3598	-1708
Simpson Sh	3638	-1743	+1	3634	-1739	+5	3634	-1744
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TD	3825			3817			3848	-1958



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M Drach #1-12
Completion Report
Section 12-22S-13W
Stafford County, KS

03/15 Finished logging @ 9:00 a.m.

03/16 7:00 a.m. Installed 8 5/8" head to run 5 1/2" csg.

03/17 - 04/12 Waiting on Completion Equipment

04/13 Langfeld Dozer Service built tank grade & level up location.

04/14 - 04/15 Waiting on Completion Equipment.

04/18 McDonald tank set 1 - 10' x 15' FGGB, 2 - 10' x 12' FG Stock Tanks on Tank grade. Paul's Tank Service put FL in tanks.

04/19 Waiting on Completion Equipment

04/20 OP Trucking loaded 120 jts 2 7/8" tbg @ Russell yard & hauled to location & put on tbg seals.

04/21 Waiting on Completion Equipment.

04/22 MIRU MDC #448. RU 5 1/2" csg swab, swab down to 3400', RU Log-Tech, RU pack off head perforate 3707'-3710' 4 spf EHSC. SI csg to windy to run pkr & tbg. SDOWE.

04/23 P&S Electric ditched & laid electrical line from meter pole to well. Ditched & laid 2300' 2 1/2" PVC lead line from well to GB, pitched & laid 400' water line from GB to M&M Fischer water tank.

04/25 MDC #448. Arb Perfs 3707'-10', 11' KB cased hole Logger TD 3761', TIH w/ 5 1/2" X-pert model R pkr, 2 7/8" x 1.10' SN 2 7/8" x 4.00' tbg sub, 118 jts 2 7/8" OD EUE 8rd tbg, 2 7/8" x 10 - 8' tbg subs. Set pkr @ 3693', RU tbg swab w/ lubricator, TIH w/ swab 1000' FTF, 2693 FL in tbg s/d to 3693' rec 15.03 bbls, 3400 FTF, 293 FI tbg, start 1st hr test 4 pph rec 3.34 bbls all oil 150' per pull, 2nd hr test 4 pph rec 3.34 bbls all oil, 150 FPP shut in tbg. SDON.

04/26 MDC #448. Arb Perfs 3707'-10', pkr set @ 3693', TIH w/ tbg swab, check overnight fillup. 1000FTF, 2693 FI tbg, 2093' oil, 600' water, start 1st hr test 4 PPH, 100 FPP rec 2.51 bbls 10% wtr, 2nd hr 4 PPH 100 FPP rec 2.51 bbls 12% wtr, RU Oilman's Acid spot acid & treat w/ 250 gals 15% MCA, staged 2 bbl acid in perfs 250#, feeding 1/4 bpm 250#, 4 bbl acid out, broke back 100#, increase to 1/2 bpm 200#, pumped 1 bbl over ISIP 75# 2 mins to vac total load 28.5 bbls, TIH w/ tbg swab s/d to 3100' rec 40 bbl of 28.5 bbl load, FL staying @ 2100', 95% oil, let set 35 mins waiting on water truck to take 80 bbls out of swab tank. TIH w/ tbg swab FL 800 FTF.

04/27 MDC #448. Arb Perfs 3707-10', pkr set @ 3693', TIH w/ tbg swab, check overnight fillup. 600FTF, 3093 FI tbg, 2343' oil, 750' water, rec 13.92 bbls, release pkr TOH w/ tbg & pkr, shut in csg. Set up to run PC pump next day. SDON.

04/28 MDC #448. Arb Perfs 3707-10', TIH w/ 2 7/8" x 5 1/2" x 4.00' AC (right hand set) 25,000 shear, 2 7/8" x 3 1/2" c/o swage, 3 1/2" x 1.60' tag pin sub, 3 1/2" x 19.85' Netsch 40-195, 3 1/2" x 10.00' tbg sub, 3 1/2" x 2 7/8" c/o collar, 119 jts 2 7/8" OD EUE 8rd tbg = 3689.61', Tag pin @ 3719.46', no-turn AC @ 3721.06' set w/ 5" stretch & 5,000 over, btm string @ 3725.06'. TIH w/ P-6 40-196 chrome rotor, 146 x 1" yellow band rods w/ guides on btm 10 rods, 8'-6"-2'-1' x 1" rod subs, 1 1/4" x 26' PR w/ 7/8" pins, (spaced 35" off tag pin) set Grenco Drive head, RDMOL. P&S Electric will hook up Electric panel & lead line next a.m.

04/29 P&S Electric finished hooking up lead line & set control panel. Baker-Petrolite set chemical & plumbed in w/side stream flush. POP 65 rpm's, 30 amps, 15.15 Hertz.

04/30 PC pump down, start back up well torquing up. Set RPM's @ 100, open up side stream to get soap to bottom

05/01 PC pump blew off side stream flush hose otherwise well pumping OK. Will get backhoe to clean up oil mess (Building Oil in GB)

05/02 29 JTF = 906', 2814 FAP, 89 rpms' 22 amps 5' 6" Oil in GB. 78.49 BOIS, Baker Petrolite rep c/o oil coming into stock 30% wtr.

05/03 Baker-Petrolite set drum of Demulsifier & plumbed into lead line. Brackeen Tank Service heated & treated tank of oil. (rpm's 89, Amps 23, BOIS 95)

05/04 62.63 BOIS

05/05 45 JTF = 1406', 2314' FAP, 89 rpm's 22 amps 61.79 BOIS

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M Drach #1-12
Completion Report
Section 12-22S-13W
Stafford County, KS

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-
- 05/06 46.76 BOIS
 - 05/07 49.26 BOIS
 - 05/08 40.08 BOIS
 - 05/09 53.97 BOIS/ water cut & well 55%, 44 JTF = 1375', 2345 FAP (89 rpm's, 22 amps)
 - 05/11 38.41 BOIS
 - 05/12 37.15 BOIS
 - 05/13 38.41 BOIS speed PC pump up to 110 rpm's, 26 amps, 44 JTF = 1375', 2345 FAP, 89 rpm's, 23 amps
 - 05/14 55.11 BOIS
 - 05/15 50.52 BOIS
 - 05/16 51.77 BOIS 57 JTF = 1781', 1939 FAP, amps 26, rpms' 111
 - 05/17 61.79 BOIS

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ACO-1
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TREATMENT REPORT



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Customer ID: _____ Date: _____
 Customer: Muef'w Del. Co. 3-3-05
 Lease: M. DRACH Lease No. _____ Well # 1-12
 Field Order # 9687 Station PRATT Casing 8 5/8 Depth 825' County STAFFORD State KS
 Type Job 8 5/8 Surface New Well Formation TO 831' Legal Description 12-225-13W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>8 5/8</u>	Tubing Size	Shots/Ft	<u>LEAD</u>	Appt <u>200 SKJ A-CON</u>	RATE	PRESS	ISIP	WELL FILE
Depth <u>825</u>	Depth	From	To	Pre Pad <u>30% CC 1/4" C.F.</u>	Max			
Volume <u>50.10</u>	Volume	From	To	Pad <u>12.6 #/GAL 2.20</u>	Min		10 Min.	
Max Press <u>1000</u>	Max Press	From	To	Frac <u>150 SKJ 60/40 P02</u>	Avg		15 Min.	
Well Connection <u>PC</u>	Annulus Vol.	From	To	<u>20% GEL 30% CC</u>	MHP Used <u>1/4" C.F.</u>		Annulus Pressure	
Plug Depth <u>762.85</u>	Packer Depth	From	To	Flush <u>14.7 #/GAL 1.25 ft</u>	Gas Volume		Total Load	

Customer Representative DENNIS Station Manager D. AUBRY Treater T. SEBA

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30					called out
10:00					on loc w/ TRK's = SAFETY MTG
P.M					Run 19 JT's 8 5/8 23" NEW SET
2:00					
5:30	200				START CSG.
5:45	5:30				CSG. ON BOTTOM DEEP BALL
6:00	5:45				Hook up to CSG. = BREAK CIRC w/REG
6:00	150		60	5	START PUMPING N2O
			78.36		START MIX & Pump 200 SKJ A-CON 30% CC 1/4" C.F. @ 12.6 #/GAL
			33.39		START MIX & Pump 150 SKJ 60/40 P02 20% GEL 30% CC 1/4" C.F. @ 14.7 #/GAL
6:25			111.75		SHUT DOWN RELEASE PLUG SWT. PLUG
6:28	150				START DISP
6:38	800				PLUG DOWN
					RELEASE! HELD
					GOOD CIRC THRU JO3
					CIRC CMT TO PT
7:30					JO3 COMPLETE THANKS TOOO

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SERVICES, LLC

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.O. 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 to: MURFIN DRILLING Box 288 Russell, KS 67605 KCC MAY 25 2005 CONFIDENTIAL	5873197	Invoice	Invoice Date	Order	Order Date
		503095	3/21/05	10023	3/16/05
	Service Description				
	Cement 5 1/2				
Lease			Well		
M. Drach			1-12		
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
		K. Gordley	New Well		Net 30

ID.	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	160	\$15.37	\$2,459.20 (T)
D203	60/40 POZ (COMMON) RECEIVED	SK	35	\$9.09	\$318.15 (T)
C194	CELLFLAKE	LB	38	\$3.41	\$129.58 (T)
C195	FLA-322 MAY 26 2005	LB	121	\$7.50	\$907.50 (T)
C221	SALT (Fine) KCC WICHITA	GAL	1151	\$0.25	\$287.75 (T)
C243	DEFOAMER	LB	16	\$3.45	\$55.20 (T)
C244	CEMENT FRICTION REDUCER	LB	46	\$4.75	\$218.50 (T)
C312	GAS BLOCK	LB	114	\$5.15	\$587.10 (T)
C321	GILSONITE	LB	800	\$0.60	\$480.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	8	\$42.00	\$336.00 (T)
C303	SUPER FLUSH	GAL	500	\$2.45	\$1,225.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	11	\$74.20	\$816.20 (T)
F143	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1	\$75.00	\$75.00 (T)
F196	GUIDE SHOE-REGULAR, 13 3/8"	EA	1	\$552.00	\$552.00 (T)
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1	\$175.00	\$175.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.65	\$146.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	40	\$2.15	\$86.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	364	\$1.60	\$582.40
E107	CEMENT SERVICE CHARGE	SK	195	\$1.50	\$292.50
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1	\$1,680.00	\$1,680.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00

Sub Total: \$11,809.08

Discount: \$3,226.28

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

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

ORIGINAL

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ACID
V I C E S , L L C

KCC
MAY 25 2005
CONFIDENTIAL

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.O. 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

	<i>Discount Sub Total:</i>	\$8,582.80	
<i>Stafford County & State Tax Rate: 6.30%</i>	<i>Taxes:</i>	\$394.79	
<i>(T) Taxable Item</i>	<i>Total:</i>	<table border="1"><tr><td>\$8,977.59</td></tr></table>	\$8,977.59
\$8,977.59			

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

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MAY 25 2005

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer MURFEN		3-16-05	
Lease M. DRACH		Lease No.	Well # 1-12
Station PRATT KS	Casing 5 1/2	Depth 3821	County STAFFORD State KS
Formation TD-3825		Legal Description 17-22-13	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 3821	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative **MARK** Station Manager **ADRIAN** Treater **GOLDLEY**

Service Units: 120 226 381 572

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					ON LOCATION SCRATCHERS ON IT & THRU 11 RUN 3821 5 1/2 15.5' CSG. GUIDE SHOES, DWGRT FLOAT CENT. - 1-3-5-7-9-11-13-15-17-19-21 1115 TAC. BOTTOM - DROP BALL - CORE. ROTATE Casing
1200	300		20	5	PUMP 20 bbl START FLUSH
	300		12	5	PUMP 12 bbl SUPERFLUSH
	300		3	5	PUMP 3 bbl H ₂ O
	200		39	5	MIX 100 SIL. AAZ PREMAN 10% START 5# CARBONATE 1/4" C.F. 3/10% CAR, 1/10% DEFORM 8/10% FUA-32 3/4" GBS BALL 15.4' pp; 1.36 ft ³ STOP - WASH LINE - DROP PUL 0 400 600 0 400 65 6 1/2 65 4 6 1/2 4 4 4 4
1245	1400		90	4	START DISP. w/ 2% HCL H ₂ O LEFT CEMENT SLOW RATE NO HEAD PLUG DOWN - HARD SEED SHEAT SW WITH 70# PLUG RAT HOLE

300 JOB COMPLETE - THANKS - KEVIN Taylor Fracking, Inc.