

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

REVISED

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

API No. 15 - 15-023-20615-0000
County: Cheyenne
NE SE NE Sec. 27 Twp. 2 S. R. 42 East West
1800 N feet from S / N (circle one) Line of Section
330 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: Robert Well #: 1-27
Field Name: Wildcat

Producing Formation: Lansing Kansas City
Elevation: Ground: 3716' Kelly Bushing: 3721'
Total Depth: 5100 Plug Back Total Depth: 5057
Amount of Surface Pipe Set and Cemented at 356 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.

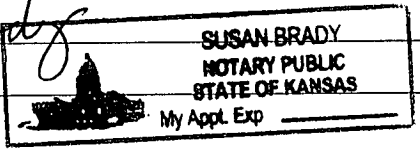
Drilling Fluid Management Plan API No 6-13-08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. 2006 East West
County: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____
7/25/05 8/5/05 12/15/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Tom Nichols, Production Manager Date: January 3, 2006
Subscribed and sworn to before me this 4th day of January,
2006.
Notary Public: Susan Brady
Date Commission Expires: 11-4-07



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Operator Name: Murfin Drilling Company, Inc. Lease Name: Robert Well #: 1-27
 Sec. 27 Twp. 2 S. R. 42 East West County: Cheyenne

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Dual Compensated Porosity, Microresistivity	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: center;"> KCC JAN 03 2006 CONFIDENTIAL </div>
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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		356'	Common	250	3% cc, 2% gel
Production		5 1/2		5099'	Standard	275	5% calseal, 10% salt

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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	4786-96	500 gal 15% MCA	

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TUBING RECORD		Size <u>2 7/8</u>	Set At <u>4799</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. Waiting on overhead power & Kanco SWL		Producing Method <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. <u>13</u>	Gas Mcf <u>----</u>	Water Bbls. <u>313</u>	Gas-Oil Ratio <u>-----</u>	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

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

Production Interval _____

- 8/02/05 Depth 4865'. Cut 120'. DT: none. CT: 15 3/4 hrs. Dev.: 3/4° @ 4817'. Drilling, Mud Vis 55, Wt 9.3 WL 6.4, Chlor 800 ppm, LCM 0#, CMC: \$10943. **DST #2 4730-4817 (LKC "H-J")**, 30-45-60-90, Fr blw bldg to BOB in 8 min-IF, Bled off, wk surf return blw-LSI, Gd blw bldg to BOB in 10 min-FF, Bled off, 2 inch return blw-FSI, REC: 124' CO (26° grav API), 240' OCM (10%O 90%M), 248' O&WCM (10%O 10%W 80%M), 183' OCMW (10%O 30%M 60%W), 551' MW (20%M 80%W, Chlor: 13000 ppm, Rw .39 @ 90° F), water sample was checked by mud engineer (chemical titration) 22,000 ppm chl. HP: 2460-2376; SIP: 1457-1456; FP: 49/350, 355/619. BHT 150°. **LKC "H"-Ls**, Crm fxln, sl withd, r.ool, tr pyr, occ arg, pr pp por, no odor, v.lt yel spty fluor, lt brn scat stn, tr blk asph res. **LKC "J"-Ls**, Wh-crm gran chky, occ gum, sl foss (Fus), cons amor calc, fr intgran por, no odor, brt yel spty fluor, r.shw lt brn O, v.lt brn scat stn, occ barren por, tr blk dd O res. **DST #3 4856-4867 (LKC "K")**, **LKC "K"-Ls**, Crm-tn fxln, withd-sl chky, sl arg, pr pp & intxln por, no odor, v.spty brt yel fluor, v.sl shw lt brn O, fr lt brn spty stn.
- 8/03/05 Depth 4985'. Cut 120'. DT: 1 hr. (pump). CT: 11 1/2 hrs. Dev.: none. Drilling, Mud Vis 58, Wt 9.4 WL 6.4 Chlor 800 ppm, LCM 1/2#, CMC: \$11207. **DST #3 4856-4867 (LKC "K")**, 30-45-30-45, Surf blw, died in 10 min-IF, No final blw, REC: 3' Mud, HP: 2649-2324; FP:11/22 & 22/33; SIP: 33-33 (mechanical recorder), No BHT recorded. **LKC "K"-Ls**, Crm-tn fxln, withd-sl chky, sl arg, pr pp & intxln por, no odor, v.spty brt yel fluor, v.sl shw lt brn O, fr lt brn spty stn. 3:10 p.m. drlg @ 5080', should reach total depth in 2 hrs and start logging approx. 8:30-9:00 p.m.
- 8/4/05 RTD 5100'. Cut 115'. DT: none. CT: 14 hrs. Dev.: 1° @ 5100'. HC @ 5:00 pm. 8/3/05. Log Tech logged from 9:30 p.m. 8/3/05 to 4:00 a.m. 8/4/05, LTD @ 5104'. Preparing to run 5 1/2.
- 8/5/05 RTD 5100'. CT 12 1/2 hrs. Log Tech logged from 9:30 pm, 8/3/05 to 4:00 am, 8/4/05. LTD @ 5104. Ran 120 jts. of 5 1/2" csg, set @ 5099'. Swift cmt w/275 sx. comm. Plug down @ 3:30 pm, 8/4/05. Rig released 7:30 pm, 8/4/05. **FINAL REPORT**

MDCI Robert #1-27 1800 FNL 330 FEL Sec. 27-2S-42W 3721' KB							OXY Northrup "A" #6 W/2 SW NE Sec. 26-2-42w 3701' KB	
Formation	Sample Top	Datum	Ref	Log top	Datum	Ref	Log Top	Datum
Niobrara				1604	+2117	-26	1558	+2143
Anhydrite	3625	+96	-8	3626	+95	-9	3597	+104
B/Anhydrite	3661	+60	-8	3662	+59	-9	3633	+68
Topeka	4398	-677	-18	4402	-681	-22	4360	-659
Oread	4509	-788	-16	4509	-788	-16	4473	-772
Lansing	4581	-860	-12	4583	-862	-14	4549	-848
Lansing J	4797	-1076	-29	4784	-1063	-16	4748	-1047
Stark Sh	4817	-1096	-20	4820	-1099	-23	4777	-1076
BKC	4919	-1198	-26	4916	-1195	-23	4873	-1172
Marmaton	4963	-1242	-25	4962	-1241	-24	4918	-1217
Cherokee							5048	-1347
RTD	5100	-1379						
LTD	5104	-1383						

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Robert #1-27
Completion Report
Section 27-2S-42W
Cheyenne County, KS

8/4/05 MDC Rig # 3 TIH w/ 120 jts. new Midwestern 5 1/2", 15.5#, range 3 csg. Circ. f/ 30 min. @ 2550'. Tagged bttm @ 5103', RTD 5100', LTD 5104'. Bttm of shoe @ 5099', insert @ 5057', shoe jt.= 42.48'. Circ. & rotated f/ 1 hr w/ good circ & no torque. RU Swift Services. Pumped 500 gal mud flush, 20 bbl clafix. Pumped 275 sxs STD cement w/ 5% calseal, 10% salt, 1/2% CFR-2, 1/4% D-air, 1/4lb per sx of flocele. Displ w/ 120 BW, 10 bbl short of landing plug, stopped rotation. Had good circ w/ no torque. Landed plug w/ 1350# @ 3:30 p.m. 8/04/05. Released back & held. Landed csg in slips. SD.

Insert: 5057', shoe jt 42.48', bttm of shoe 5099'
Centralizers: 5050', 4972', 4887', 4802', 4717', 4632', 4547', 4462', 4377', 4292'
Scratchers: 5037-52', 4807-17', 4777-97', 4702-12'

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8/5-8/15 Waiting on completion equipment.

8/16/05 Don's Electric on location. Dug out rat & mouse holes, backfilled & repacked. Log Tech on location to run cmt bond log. TOC @ 4100' & TD @ 5048'. RD Log Tech.

9/7/05 MIRU MDC #479. MDC #384 moved in 170 jts 2 3/8" tbg & swab tank from Shelley #8-32 location. Ran csg swab. Swabbed csg down to 4400', 657' FIH. RU Log-Tech to perforate LKC (J) 4786-96' w/3 3/8" x 10' EHC 4 spf gun. No oil on gun after perforating. SDON. Est Cost \$5290.

9/8/05 TIH w/Arrow Set I pkr, SN & 155 jts 2 3/8" tbg. Pkr hanging @ 4797'. Ran swab. Tagged fld @ 3100', 1689' FIH. Pulled 1000'. 1st pull 25' oil, 975' wtr. S/D to 3400', 1389 FIH. Pulled 1 jt & set pkr @ 4766'. Ran swab. Tagged fld @ 3450', 1308 FIH. Made 3 pulls. S/D to 4738', 20 FIH. Rec total of 15.37 bbls wtr w/trace of oil. Rlsd pkr. (Pkr hanging @ 4797') Ran swab. Tagged fld @ 3750', 1047 FIH. RU Swift Services to treat LKC (J) 4786-96' w/500 gals 15% MCA containing 1 gal STR-1 & 1/2 gal inhibitor. Spotted 5 bbl acid @ 4797'. Pulled 1 jt & set pkr @ 4766'. Tbg loaded w/5 bbl displacement pumped. Stayed to 300 psi w/very slow bleed off. Increased to 500 psi & started feeding. 1/8 BPM @ 375#, 1/4 BPM @ 300#, 1/2 BPM @ 500#, 1/2 BPM @ 325#. SD pump truck. Last bbl of displ was 1/2 BPM on vac. ISIP vac. Total load 30 bbls. Let sit 20 mins. Ran swab. Tagged fld @ 1200', 3558 FIH. Made 8 pulls. S/D to 2100', 2658 FIH. Rec 37.95 bbls, 7.95 bbls over load. Rlsd pkr to flush acid from backside. Reset pkr @ 4766'. Ran swab. Tagged fld @ 2100', 2658 FIH. Rec additional 9.20 bbls. SIW. SDON. Est Cost \$8508.

9/9/05 SN @ 4758', packer @ 4766'. Ran swab. Tagged fluid @ 1400' FS, 3358 FIH. 700' overnight fill-up. Pulled 1400' pull = 75' oil an 1325' water. Made 6 pph. 1st hour: Swabbed down to 1800' FS, 2958 FIH. Recovered 29.61 bbls. Combined 2nd and 3rd hour swab test Made 8 pulls. FL staying @ 1800' FS, 2958 FIH. Recovered 44.08 bbls. .5% oil cut. Caught water samples for analysis. SD 45 minutes empty swab tank. Resumed steady swab test. 4th hour: Tagged fluid @ 1550' FS 3208 FIH. 5pphr. Swabbed down to 1900' FS, 2858 FIH. Recovered 40.54 bbls. Possible gauging error as rig was pulling 1000' to 1400' per run. 5th hour: FL staying @ 1900' FS, 2858 FIH. 5pph. Recovered 20.59 bbls. 1% oil cut. 6th hour: 5 pph. FL staying @ 1900' FS, 2858 FIH. Recovered 22.04 bbls. 1% oil cut. Recovered a total of 156.86 bbls. today. Two day swab total = 204.01 bbls. 174.01 bbls. over 30 bbl. acid load. SIW. SDOWE. Est Co \$11,408.

9/12/05 Pkr @ 4766', perfs 4786-96' (J). Ran swab. FL @ 1200' FS, 3566' FIH w/50' oil on top. Start test. 1st hr 5 pph, rec 25.23 bbls, FL @ 1800', 2966' FIH, 1/10% BS, 5% oil, 95% SW. 2nd hr 5 pph, rec 26.39 bbls, FL @ 1900', 2866' FIH, 1/10% BS, 10% oil, 90% wtr. 3rd hr 5 pph, rec 23.49 bbls, FL @ 1900', 2866' FIT, 6/10% BS, 10% oil, 90% wtr. 4th hr 4 pph, rec 18.27 bbls, FL @ 1900', 2866' FIT, 1/10% fines, 2% oil, 98% wtr. Total swab 297.39 bbls, TL 30 bbls. SD 1/2 hr. Reset pkr @ 4643'. RU Log Tech & Webbs high pressure truck. Ran radioactive iodine tracer survey on perfs @ 4786-96' (J). Rlsd iodine & started pumping SW down tbg at 1/2 BPM @ 0#. Found all iodine going out into perfs & going down to approx 4810'. No channeling on perfs. SDON. Est Cost \$17,500.00.

9/13/05 Pkr @ 4643', perfs @ 4786-96' (J). Ran swab. FL @ 1400' FS, 3243 FIH w/50' oil on top. Start test. 1st hr 5 pph, rec 29.01 bbls, FL @ 1900', 2743' FIT, 1% mud, 2% oil, 97% wtr. 2nd hr 5 pph, rec 24.36 bbls, FL @ 1900', 2743 FIT, 1/10% fines, 10% oil, 90% wtr. SD 1/2 hr to drain swab tank. 3rd hr 5 pph, rec 23.78 bbls, 1900' FL, 2743 FIH, 1/10% fines, 12% oil, 88% wtr. 4th hr 5 pph, rec 23.78 bbls, FL @ 1900', 2743 FIH, 1/10% fines, 12% oil, 88% wtr. SD 1/2 hr. 5th hr 5 pph, rec 25.52 bbls, FL @ 1900', 2743 FIH, 1% mud, 2% oil, 97% SW. 6th hr 5 pph, rec 23.10 bbls, FL @ 1900', 2743 FIH, 1/10% fines, 5% oil, 95% SW. 7th hr 5 pph, rec 24.10 bbls, FL @ 1900', 2743 FIH, 1/10% fines, 4% oil, 96% SW. Total swab 471.04 bbls. SDON. Est Cost \$19,770.00.

9/14/05 Pkr @ 4643, perfs @ 4786-96' (J). Ran swab. FL @ 1500', 3143' FIH w/125' oil on top. Start test. 1st hr 5 pph, rec 24.65 bbls, FL @ 1900', 2743' FIH, 5/10% fines, 5% oil, 95% SW. 2nd hr 5 pph, rec 23.78 bbls, FL @ 1900', 2743' FIH, 2/10% fines, 7% oil, 93% SW. 3rd hr 5 pph, rec 24.07 bbls, FL @ 1900', 2743' FIH, 2/10% fines, 5% oil, 95% wtr. Total swab 543.58 bbls. TOH w/tbg & pkr. SDON. Est Cost \$21,605.00.

9/15/05 OP Trucking MI 2 7/8" tbg & moved off 2 3/8" tbg. SDON. Est Cost \$22,100.00.



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Robert #1-27
Completion Report
Section 27-2S-42W
Cheyenne County, KS

9/16/05 TIH w/new 2 7/8" x 15.70' MA set @ 4816.54, new SN 2 1/2" x 1.10' set @ 4799.74', 2 jts tbg, new AC 5 1/2" x 2 1/2" x 2.76' set @ 4736.64', 148 jts tbg. Total new tbg 150 jts 2 7/8" OD 8rd = 4796.98'. Set AC w/15,000#. New pump C-245 2 1/2" x 2" x 16' RSTC, 20 wide ring plunger, SPT, SV, MSL=145" w/6' GA, 2' x 7/8" sub, (new rods) 10 x 7/8" rods, 116 x 3/4" rods, 64 x 7/8" rods. PR on location 22', need 26' PR due to pumping unit will set on 3' cmt base. To run in PR on 9/19/05 & RDMO. SDOWE. Est Cost w/o tbg & rods \$25,510.00.

9/19/05 Finished running in rods & PR. Spaced out pump. Long stroked w/strong blow. Clamped off PR. RDMO

9/22/05 To set PU 9/28/05, tank battery approx 10/7/05, ordered 8/18/05 & Kanco SWL approx 10/8/05.

10/3/05 MDC backhoe made TB pad & 2nd driveway. To set PU in AM.

10/4/05 Madden Trucking delivered pre-cast concrete unit pad and new Sentry 320D-256-120" pumping unit to location. Total Lease Service unloaded equipment. Pothoff Electric backhoe built wellgrade for concrete pad. Set concrete pad. Total Lease Service set T-base on pad and began assembling unit. East crank was loose on gearbox shaft. No hammer wrench available locally. Manufactured proper sized wrench by cutting out iron on weight hammer wrench. Tightened up both crank bolts. Left wristpins in 102" crankholes. Installed (4) counter-weights on cranks. MDC mechanic set C-106 engine on rails. Installed new 3C-16" sheave and new 3C-315 Powerband belt. Installed beltguard. Hung well on. Lined up unit over well. Chiseled out 6- holes in concrete pad and torched out 6- slots in 3" pipe for pumping unit holddown bolts. Installed 2 -holddowns on front and 2-holddowns on rear of pumping unit T-base. Moved 500 gallon propane tank from Ramona TB to location. St. Francis Equities CO-OP filled propane tank. Hooked-up C-106 to tank. Started engine and checked out pumping unit. Balanced unit. SD.

10/12-10/24 Waiting on TB, overhead power & Kanco SWL.

10/25/05 Total Lease Service tore down 320 PU & removed gear box & hauled to Wichita for warranty repair (crank arms wouldn't tighten). Hess Tank Service set new 12' x 10' FGSWT, 10' x 15' FGGB & (2) 12' x 12' WSST. Hooked up all connections. Prairie Land Electric installed single phase overhead power line for transfer pump. Don's Electric ditched 400' LL.

12/02/05 Total Lease Services to reset new PU 12/7/05

12/13/05 Met Total Lease Services to take apart pumping unit w/bad gear box. Tore down and started to assemble new pumping unit. SDON.

12/14/05 Finished assembling unit. Webbs Water Truck Service loaded hole & checked. POP, 120" SL @ 7 SPM, sample showed 1% oil, 99% WTR. 330 BPD, 81% PE. FL 46 JTF.

12/15/05 360 BTF, 90% wtr, 36 BO, 324 BW, 88% PE. Ran drain line from salt wtr tank to pit behind the battery. Webbs drained SWT at Robert & hauled wtr to Culwell.

12/16/05 Down, restarted C-106 & POP. Checked GB, 25 BO. Set MDC swab tank @ TB & hooked up to SWT.

12/19/05 C-106 using 3 qts to 1 gal oil/day. OES to repair this week. Insulated siphon tube from GB to SWT. 58 JTF, 1854 FTF, 2942 FAP, NPF.

12/20/05 Raised P-rod, well was tagging bttm very hard. Had to pick up 8" to get well to stop tagging bttm. Shot FL, 98 JTF, 2430 FTF, 2367 FAP. Well tested at 17.55 BO, 333.45 BW, 89% PE.

12/22/05 OES tore down C-106 motor. Found 2 rings installed wrong. Installed new rings & POP. 84 JTF, 2686 FTF, 2110 FAP, NPF. 17.55 BO, 333.45 BW, 89% PE.

12/28/05 3.17 BO, 313.63 BW, NPF, 81% PE, 62.64 BO in GB.

12/29/05 3.17 BO, 313.63 BW, NPF, 81% PE, 62.64 BO in GB.

12/30/05 94 JTF, 3006 FTF, 1791 FAP NPF. 13.06 BO, 312.94 BW, 89% PE



TV. Says use 12-30-05

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